

SAN FRANCISCO HISTORY ROOM



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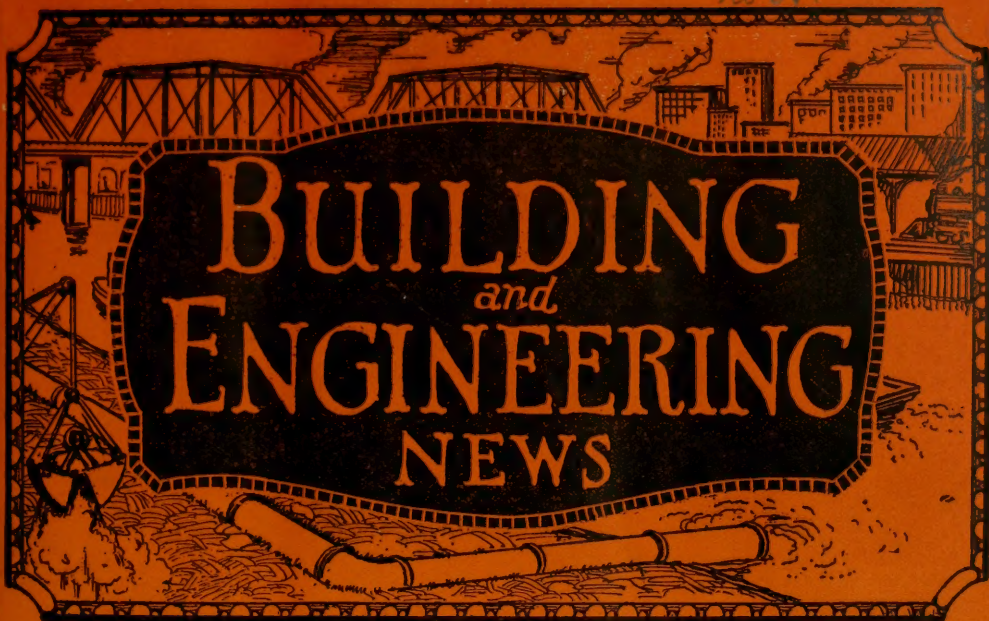
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Publication Office
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SAN FRANCISCO, CALIF., JULY 5, 1924

Published Every Saturday
Twenty-fourth Year No. 27

Schumacher

Office
210 American Bank Building

*Permanence
Economy*

Wall

Warehouses
San Francisco Oakland
San Rafael

*Appearance
Comfort*

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The
**Heavy Duty
Mixer**



Remixes Concrete

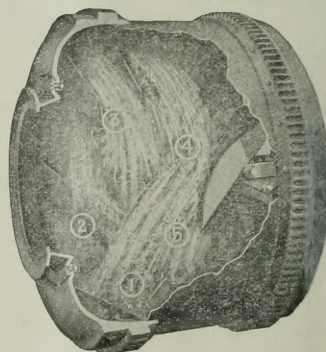
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—**dominant strength concrete**—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete.
Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.
HARRON, RICKARD & McCONE CO.
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JULY 5, 1924

Twenty-fourth Year No. 27



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FIVE BILLIONS FOR BUILDING IN 1924 IS PREDICTION

In 1924 the United States as a whole will witness the building of \$5,560,367,700 worth of new structures of every kind, according to a survey of national construction recently completed by the Southern California chapter, Associated General Contractors of America.

This estimate was obtained from the office of the leading architectural firms throughout the country and has been subdivided principally under twenty-two classifications. They are as follows:

Automotives, \$146,322,100; banks, \$201,165,200; apartments, \$586,850,000; apartment hotels, \$357,368,000; clubs, \$313,837,100; community buildings, memorials, \$1,802,800; dwellings, \$20,000 or under, \$227,251,000; dwelling of value from \$20,000 to \$50,000, \$114,559,400; hotels, \$635,394,600; churches, \$289,174,290; hospitals, \$311,168,700; industrial buildings, \$414,113,000; office buildings, \$147,144,000; schools, \$62,258,300; stores, \$140,194,400; theatres, \$179,144,000; welfare houses and Y. M. C. A. buildings, \$46,645,200.

Bricklayers Top Crafts in 220273 Wage Gains—Material Costs Shown

Bricklayers lead the field of labor in wage increases gained in the last half century. The fact is shown in a report of a survey of wages and costs in the construction industry, covering a period of 50 years, just made public by Engineering News-Record of New York. In consistent and steady gains, the carpenters come second to the bricklayers.

Common labor is shown to have achieved the least proportion of wage gains, and, being least organized, is shown to be the most sensitive of all labor elements to the ups and downs of supply and demand. The peak of high wages for common laborers came in 1921, when they earned 77 cents per hour on the basis of an eight-hour day. Today they are rated at 68½ cents.

Bricklayers are rated today at \$1.50 an hour, for an eight-hour day. The 1924 rate for carpenters is \$1.31¼ an hour.

In 1874, bricklayers received 43 cents an hour. In 1872, these workmen started the eight-hour day and were the first of the major trades to work on that basis. Carpenters got 23 cents an hour in 1874. They did not get the eight-hour day until 1891. Common laborers in 1874 worked ten hours a day and received 14 cents an hour.

Common building bricks show the greatest measure of cost increase, as outlined in the survey. In 1874, the bricks stood at \$7.41 per thousand. The 1924 cost is \$20. Pig iron, No. 1 Foundry, Anthracite, cost \$30.25 per gross

ton half a century ago. Today it is rated at \$24 and \$25. Portland cement when first placed on the market in 1879 was higher in price than it is today, rating at \$2.70 per barrel then and \$2.55 now. In 1879, however, cement was sold in wooden barrels as compared with the present system of calling four 94-pound sacks a barrel of cement.

Pine lumber costs now are more than double those of 50 years ago. In 1874, long-leaf yellow pine boards, 1x12 inches, were \$26 per thousand feet. Today long-leaf yellow pine boards 1x12 inches, 20 feet, sell at \$64 a thousand feet for No. 1 common. In 1912, the survey shows, pine lumber prices had reached a point not touched again until 1918. The slump, which reached its lowest point between 1914 and 1915, was caused by the opening of the Panama canal, which made it possible for the Douglasfir shippers on the west coast to send their lowest priced lumber through to the Atlantic seaboard in competition with southern pine.

Structural steel, another construction item covered in the survey, was held at \$1.20 per 100 pounds, f. o. b. Pittsburgh, in 1894, and even as late as 1913 was only \$1.50. Today, it is listed at \$2.25.

Sources quoted in the survey report are the Aldrich report of the senate finance committee, 1892; bureau of labor statistics and the files of Engineering News-Records.

What is the Federal Highway Act?

The Federal highway act, approved November 3, 1921, provided for the selection by the State highway departments of a system of highways not to exceed 7 per cent of the total highway mileage of each State. Upon this system, all apportionments of Federal aid are to be expended. The system is to be divided into two classes, primary and secondary, of which the former are not to exceed three-sevenths of the total, the remainder to be of the latter class. The Secretary of Agriculture was given authority to approve in whole or in part the system as designated by the State highway departments or to require modifications or revisions thereof.

The total mileage of existing highways certified by the States was 2,866,061 miles. The States designated by maps and route description, systems of main roads totaling in mileage not more than 7 per cent of the certified mileage. The systems for groups of adjoining States were reviewed by representatives of the States and of the Bureau of Public Roads meeting in a series of conferences for the principal purpose of connecting the systems at State lines. In this way the entire system was co-ordinated and recommended to the Secretary of Agriculture by the Bureau of Public Roads. The system as approved by the Secretary of Agriculture and represented by the map published November 1, 1923, in-

cludes 168,881 miles which is 5.9 per cent of the certified mileage.

Up to March 1 the Federal-aid highways which had been completed since the passage of the Federal-aid road act in 1916 totaled 33,036 miles, and 13,800 miles were under construction and reported as 59 per cent complete. The total of roads completed and under construction amounted therefore to 46,836 miles. Of the mileage reported as completed on February 26, 6307 miles had been completed during the current fiscal year. All but a very small percentage of this mileage is on the Federal-aid highway system as now established.

In addition to the roads of the system improved with Federal aid, parts of it have been improved without Federal assistance. A careful study is being made of the improvement status of the system and an approximate estimate based upon these incomplete studies is that at the end of the year there were about 60,000 miles of surfaced roads and 8700 miles graded, which leaves nearly 110,000 miles yet to be surfaced.

To bring this system up to serviceable standards, therefore, within the full decade ahead, will mean a surfacing program of about 11,000 miles for each of the 10 years; this in addition to the additions to the system, the separation of grade crossings, reconstruction, and much other work necessary.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

I've polished up my "Universal Car", arranged with my next door neighbor to feed the cat, bolted all the windows in the house, not failing to shut off the water in the bath tub and the gas under the kettle—and by the time you cast your eyes on this column, dear reader, "The Observer" will be out in the green fields on a two weeks jaunt taking in the fresh air, the most valuable, yet the cheapest product on earth.

Caliente, Calif., June 28, 1924.

Mr. Wm. Feary, Chairman,
1923 Builders' Day Committee,
San Francisco, California.

Dear Billie—

Tell the score boy to check up 100% for the San Francisco Builders' Exchange and at the same time send out a circular letter to members of the exchange telling them that as entertainers they knock the world for a row of cut glass powder puffs.

Whoa! Just a minute, Bill, old topper, I'm not taking it upon myself to make the statement but am taking the word of a businessman who hails from Chicago—Some water tank town in the Eastern section of this country. His name, if I remember correctly, was Mindaure.

It happened this way—I was down taking the usual morning swim with the gentleman referred to and engaged in conversation with him. (He was on a combined business and pleasure trip to the coast this being his second visit. His first visit during the months of August, September and October of last year).

It was through him that I heard the story of how the San Francisco builders entertained themselves and their friends at Capitola-By-The-Sea. He gave me the program from A to Z and became so enthusiastic with his description that he elaborated on his story as much as does the fellow who attempts to describe the "big one" he caught in a shallow creek on his last fishing trip. The kiddies' treasure hunt he considered the top notcher on the program. For the grown ups he was very much impressed with the tile laying contest.

Space prohibits me from giving a more complete summary of our conversation.

However, I advised the gentlemen that it was an annual affair—for the builders and their friends and their friends friends. We talked of business conditions, the general outlook for Pacific Coast industries and the successful operation of the American Plan, particularly in the San Francisco district. He in turn discussed conditions in the Eastern section.

Anyhow, Bill, I thought you would be glad to hear what one of the out-of-town guests thought of the 1923 Builders' Day festival.

What your feelings are in this matter I have yet to learn, but when I heard this visitor's story I sure had that "glad and glorious feeling" and fear I will need a larger vest due to chest expansion and a larger hat due to a swelling in the head.

By the way, Bill, old scout, what are you planning on this year? Surely the time is drawing near and if the builders plan to entertain in September it is high time that Sandy Pratt, Steve Guerin, Joe Odgers and yourself and few of the other "younger fellows" get together and start things to moving.

As a starter, be assured that the Daily Pacific Builder is behind the committee to make the 1924 event surpass all others. Co-operation put the last outing over Greater co-operation will put over a greater event this year.

GET SET. ON YOUR MARK. LET'S GO.

THE OBSERVER.

DEMAND FOR REDWOOD LUMBER ON INCREASE

Seven and a half million dollars a year comes to California for redwood lumber. Five thousand cars are shipped out of the State, each car carrying an average of 25,000 feet of redwood lumber, which is worth \$60 a thousand or \$1500 a car.

This demand for redwood lumber is increasing every year, and while locally a huge amount is used for building purposes, it is the belief of the redwood manufacturers that as the remarkable qualities of redwood become generally known and its durability and beauty become recognized, the specialty demand for it will be such that the use for building will practically cease.

BUILD HUGE DOCK

The largest dock in the world is being built at Calcutta. The first section of the dock will involve a total excavation of forty million cubic feet. Work on the wet dock portion has already resulted in digging about 31,000,000 cubic feet.

\$15,000,000 FOR S. P. WORK IN MEXICO

The present government of Mexico is stable and will protect and encourage American capital invested in the development of the natural resources of that country, according to V. W. Bennett, industrial agent for the Southern Pacific of Mexico, a recent Southern Pacific visitor. The Southern Pacific of Mexico is carrying on a \$15,000,000 construction and improvement program which includes the building of 110 miles of standard gauge track from Tepic on the Gulf of San Blas, to La Quemada east of the Costal mountains. This line, when completed, will provide a through West Coast line to Mexico City.

HOSPITAL COMPLETED

The Board of Supervisors of Kings County officially accepted June 19th, the children's ward building at the Joint Tubercular Hospital at Springville, California.

The Board asks that any firm having bill of claim, file same within the usual thirty-five days.

ARCHITECT SUES HOTEL COMPANY FOR \$17,000 FEES

MARYSVILLE, Yuba Co., Cal.—Suit for \$17,688 in stock certificates and cash has been filed against the Marysville Hotel Company in superior court by Edward Glass, San Francisco, architect employed by the company to draw plans and specifications for the new \$400,000 hotel to be built here.

Glass charges that he is entitled to his fee now, and has not been paid. Through his attorney, Milton A. Nathan, San Francisco, he asks a judgment for the amount.

A. H. Boulton, president of the hotel company, answered the allegations in the suit. Boulton said that Glass had never fulfilled all of his contract, and therefore was not entitled to his fee.

"We were advised by our attorney, Richard Belcher," Boulton said, "that the architect had not fulfilled his contract yet, and therefore is not entitled to his fee. When he does we will pay him."

Allegations of Glass that the hotel company had imposed unreasonable terms in calling for bids for construction, which Glass said, kept reputable and responsible contractors from bidding, Boulton characterized as "childish."

The suit was filed with County Clerk William M. Strief, and Boulton had not consulted with Attorney Belcher when he made his statement.

The suit in part alleges:

That Glass signed a contract with the company on May 25, 1923, fixing his fee at six per cent of construction costs, which later were fixed at \$294,800. The six per cent, which amounted to \$17,688, was to be paid half in stock of the company, and half in cash.

That the firm, in calling for bids on specifications submitted by the architect, the defendants incorporated terms and conditions in the announcement "studiously calculated to prevent reliable and reasonable contractors from offering bids."

That the hotel company now refuses the bid that was submitted, or any other bids, and refuses to proceed with erection of the hotel or with the terms of the contract.

MUNY OWNERSHIP PAYS

Profits from the electrical department of the city of Redding during the last two and a half years, the length of time the city has owned the distributing plant, have amounted to \$54,242.03, according to statistics compiled by City Clerk Leslie Engram.

These figures do not include \$595 interest on bonds paid out of the receipts of the lighting department, nor \$2000 used in redemption of the \$40,000 bonds issued to pay for the system.

The use of the fund has been accounted for by spending \$10,000 in refunding a loan for the purchase of the plant, \$5127 refunded to citizens on advance payments for power; paying in the southern part of the city to connect with the Pacific highway; \$15,464.92; for paving in the northern part of the city and in front of city property, \$22,650, with additions and improvements amounting to \$15,000 approximately.

FRENCH TURPENTINE EXPORTS

Exports of turpentine from France during February, 1924, totaled 1091 tons, and that of rosin and pitch totaled 5553 tons. The total exports of the latter for the 10 months commencing May 1, 1923, were 39,444 tons and of turpentine 8746 tons. The French naval stores market was quiet during March and April, export sales diminished and prices fell.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

BUILDERS' EXCHANGE OF RICHMOND ELECTS DIRECTORS

P. M. Sanford was elected president of the Board of Directors of the Builders' Exchange for the fourth consecutive time at a meeting held June 27th in the Builders' Exchange. Sanford was renamed as a member of the board of directors by popular acclaim and was reelected to the presidency by a unanimous vote.

The board of directors named by the builders is as follows: E. H. Higgins, elected for the third consecutive time; E. A. Marshall, James Walker, who have previously served on the board, and Roy Eakle and W. Snelgrove were elected to the board for the first time.

At a meeting following the election of the board of directors officers for the coming year were named. Sanford was named president unanimously; Higgins was named vice president; Eakle second vice president, and Walker secretary.

The board re-appointed L. C. Dexter as secretary of the Builders' Exchange. Dexter has held the position since the exchange was organized four years ago.

Two standing committees were named. The finance committee consists of the following members: Roy Eakle, W. Snelgrove and Al Hill. The members of the auditing committee are: R. Eakle, Herb D. Baker, and Al Hill.

Following his election Sanford gave an interesting review of the progress of the exchange which he has been president of since its was organized. He declared that the success of the organization had been due largely to the co-operation of the members with the board of directors, and hoped that the phenomenal growth of the exchange would continue in the future.

Following the business meeting which was attended by nearly a hundred members, a delicious banquet was served. The committee in charge of the banquet follows: R. W. Timmons, chairman; F. Spiersch, Charles H. Brown, H. J. Capion, M. A. Hays, and James Walker.

MONTEREY COUNTY BUILDERS' ASSOCIATION NOMINATE OFFICERS

MONTEREY, Monterey Co., Cal.—Officers and directors were nominated for the coming year by the Monterey County Builders' Association which recently at the Knights of Pythias Hall. Plans were also launched for a banquet to be held at the next meeting of the association, July 23, in Pacific Grove.

Directors nominated were George Fitzsimmons, L. E. Gottfried, A. Jacobson, W. H. McConnell, E. R. Nash, E. H. Lewis, Ed. Simpson was placed in charge of the arrangements for the banquet.

W. H. McConnell, secretary of the organization, said that the association was in a flourishing condition. Many new members are being added to supply new timber, he said. Among those recently initiated into the body was E. H. Lewis.

Architects to Feature Exhibit In New York City Next Year

The Building Trades will have a vital interest in a display of architectural and architectural accessories that now is being organized with the idea of familiarizing architects as well as the general public with the remarkable achievements of our twentieth century manufacturers of building materials and decorative objects useful in home making.

The arts and trades allied to architecture will be illustrated by exhibits to be shown at the Architectural and Allied Arts Exposition, to be held April 20 to May 2, 1925, in New York City, under the auspices of the American Institute of Architects and the Architectural League of New York.

The Annual Convention of the American Institute of Architects, embracing fifty-two chapters throughout the United States, will be held in New York during the period of the exhibition, and will convene in session in the important space devoted to architecture and the allied arts. At the same time the fortieth annual exhibition of the Architectural League of New York, the pre-eminent annual review of architecture, mural painting, sculpture, and all the allied arts and trades, will be held in galleries created at the exhibition for this purpose.

In view of the fact that delegates from every chapter of the American Institute and from every state in the Union will be present, at what undoubtedly will be the most important convention of the profession ever assembled in this country, it is proposed to bring together on this occasion the largest, most representative, and most carefully selected series of architectural and building exhibits ever shown in the United States. This superb display of materials used in the construction and embellishment of our apartments, houses, and public buildings will present adequately all the important varieties of materials useful for exterior or interior fitting out of American homes.

To assure representation in this complete and comprehensive display of all varieties of materials employed in

creating finished buildings, the invitation to participate is extended to manufacturers, producers, jobbers, and all others of established reputation engaged in the sale and distribution of materials and utilities, and to firms whose activities include interior and exterior decoration and every variety of manufactured articles of utility for architects or discriminating home makers.

The comprehensive nature of the enterprise therefore will include stone, marble, stucco, fine wood, mantels, furniture, decorative objects of art, paints, painted finishes, wall coverings, tiles, and flooring. In addition, space will be set apart for practical accessories, such as plumbing fixtures, piping, kitchen and pantry equipment, and other necessities in modern life. Structural features like columns, beams, steel work, tubing, casings, and other materials entering into building construction will find a place in a carefully thought out educational display.

The exhibition will follow throughout the standards set by the American Institute of Architects and by the Architectural League of New York, and will furnish an exceptional educational opportunity to the public by establishing under one roof a visual contact with the latest devices and materials entering into the construction of the home and its decorative embellishment. This unique exposition will be correspondingly instructive to the building trades and to the technical profession, tending to develop a better understanding through the creation of an opportunity for a thoroughly comprehensive survey of the latest appliances which the manufacturers of America have created and placed at the disposal of the building industry.

The general management, business details, building design, construction, and exhibition administration will be directed by Charles H. Green, who is well known for his promotion of other educational exhibitions in which valuable results have been obtained for the varied industries.

JAMES P. DWAN GIVEN SURPRISE PARTY

A birthday surprise dinner party was given James P. Dwan, well known building material specialist, at San Francisco on June 26th, at Marquard's Cafe. The party was arranged by Mrs. Dwan and friends. The guests were entertained by dancing and singing, and business was forgotten.

The guests were Messrs and Mesdames: Wm. J. Feary, Mrs. Dixon, Alfred H. Vogt, Jas. A. Lawson, Lester Morgan, Chas. Sturrock, Oliver Moroney, C. J. Moroney, Robt. Wm. Dodd, Sam. Markowitz, Floyd Head and Everett Goodell. Misses. Jane Flaherty, Mae Wellborn, Marie Jacobs. Messrs. Jas. H. McDonough, Ernest Hildebrand and Albert Fabre.

C. OF C. APPOINTS NEW PUBLICITY DIRECTOR

George L. North has been appointed director of the publicity department of the Chamber of Commerce. This announcement was made June 27th by

Charles A. Simmons, manager of the Chamber of Commerce.

Mr. North succeeds Fred A. Brandt, who recently resigned to join the Bulletin organization.

As director of the publicity department, Mr. North also becomes editor of San Francisco Business, weekly publication of the Chamber of Commerce. He is a native San Franciscan.

RICHMOND BUILDING LAW CHANGE DELAYED

RICHMOND, Contra Costa Co., Cal.—Amendment to the local building ordinance to allow the construction of corrugated iron buildings in the business district, as asked by the Maryland Metal Building Company, was laid over one week by the city council. A protest against the passing of such an ordinance was lodged in a communication from the Builders' Exchange, which was signed by L. C. Dexter, secretary. Such buildings in the business district would be unsightly, the Builders' Exchange claims.

SAN FRANCISCO BANK CLEARINGS

San Francisco bank clearings for the first six months of 1924 total \$4,078,900,000, an increase of \$110,739,000 over the first six months of 1923, according to a compilation announced June 28 by L. C. Willems, director of the information bureau of the Chamber of Commerce.

Coincident with the announcement comes word of prosperity inasmuch as \$13,600,000 will be distributed today (July 1) to those having savings deposits in San Francisco banks.

Savings deposits in San Francisco banks, according to Chamber of Commerce statistics total in round numbers \$640,000,000. On the basis of 4 1/2 per cent, the current interest rate, the semi-annual melon on savings deposits alone will amount to \$13,600,000.

Bank clearings for June reported by the Clearing House Association amounted to \$657,600,000. Comparative tables show summer vacation period influences, the business turnover for the first six months however holding a lead of \$110,739,000 over a year ago.

The six months table follows:

	1924	1923
January ...	\$ 723,900,000	\$ 703,061,000
February ...	663,500,000	590,400,000
March	673,100,000	680,100,000
April	632,900,000	656,800,000
May	677,900,000	678,000,000
June	657,600,000	669,800,000

\$4,078,900,000 \$3,978,161,000

Increase first six months 1924 over first six months of 1923, \$110,739,000.

OLD ENGLAND HAS APPRENTICE PROBLEM

It seems very significant that builders in London, England, should have scoured the country to obtain efficient carpenters, bricklayers, plasterers and masons, going even as far as Scotland to get them and yet at the same time 112,000 men are reported to be out of employment in the building construction industry in England.

Arthur Keen, honorary secretary, Royal Institute of British Architects, says: "Builders are constantly complaining that out of a dozen men taken on only three or four really know their trade and can be retained after the first few days. The shortage of skilled mechanics is no question of tariffs or free trade, and it affects the public closely, because it means that building involves far more time and cost than it should be necessary; it means further that the unskilled men must stand idle. But it is not probable that lack of skill arising out of war conditions is responsible for much unemployment in them, and in many instances might not the Board of Education do more to supply the place of the old-fashioned apprentice system which has become so rare?"

RUBBER BLOCK PAVEMENT AT RAILWAY CROSSINGS

A special type of railroad crossing having a rubber block surface has been constructed at Main street, in Racine, Wis. The crossing consists of a timber base and a wearing surface of 2 in. rubber blocks. The base is made of 4 in. by 6 in. planks laid flat and fastened together by 1/2 in. rods with nuts and washers. The rubber blocks are 4 1/2 in. by 1 1/2 in. by 2 in. and are nailed to the planks. The joints between the blocks are filled with asphaltic cement. Rubber blocks of different compositions were used to determine the wearing qualities of various mixtures. The crossing was installed as an experiment by the Chicago, Milwaukee & St. Paul Railway in co-operation with the Wright Rubber Products Co., Racine, Wis.

Screw Threads For Fire Hose Couplings Approved as Standard

Conditions which permit conflagrations to go unchecked, which may wipe out whole sections of cities and cause great loss of human life while plenty of fire-fighting apparatus is at hand but useless because of couplings which will not fit, can and must be eliminated, according to an announcement of the American Engineering Standards Committee, and an important step in the elimination of such conditions has been taken in the approval by the committee, of American National Screw Threads for Fire Hose Couplings.

The approval of this standard, which had been submitted under the leadership of the National Board of Fire Underwriters, the National Fire Protection Association, the American Society of Mechanical Engineers and the American Water Works Association marks for the first time a national agreement on tolerances or limits of accuracy necessary to secure interchangeability in manufacture. The lack of such an agreement has been an important cause of non-interchangeability in fire hose couplings in use in American cities and towns, even where threads in accordance with the national standard were supposed to be in use. This lack of uniformity, which has often led to such disastrous results, is due to failure to follow the national standard, and to non-interchangeable manufacture. It has been shown in a startling way by the exhibit in a single collection of 600 sizes and variations of fire hose couplings.

That this condition constitutes a real menace has been shown in numerous conflagrations in which outside assistance was of no avail because the hose of neighboring fire departments would not connect to local hydrants.

The most important example of this was the great Baltimore fire of 1904. When the Baltimore fire department found that the conflagration was getting beyond control they called upon Washington, Philadelphia and New York for help. The railroads cleared their tracks to give right of way. Special trains carrying fire apparatus were rushed to Baltimore. The fire-fighting apparatus from the three neighboring cities was on the ground in a remarkably short time, but the hose could not be connected to hydrants. The couplings did not fit, and fire-fighting apparatus which had been brought from Washington, Philadelphia and New York stood idly by while Baltimore burned.

Following the earlier great Boston conflagration of 1872, where conditions were much like those in Baltimore, efforts were made to bring about national uniformity in hose couplings. Unfortunately these efforts led to the introduction of competing standards instead of to uniformity. Finally in 1890, the National Association of Fire Engineers took action, as the result of which slow but steady progress toward national uniformity has been brought about. A great impetus to the work was given by the Baltimore fire, soon after which the first form of the present standard was brought out. Public opinion was stimulated, and several important organizations took an active interest in pushing the adoption of the standard. In this work the late F. M. Griswold did yeoman service.

In 1919, the National Board of Fire Underwriters undertook intensive local campaigns for the introduction of the standard, and largely through the efforts of Major J. H. Howland, a great amount of practical field work had been accomplished in numerous cities and towns. Tools were developed by which the threads on fire plugs

and hose couplings that did not differ too greatly from the standard, could be changed over to the standard form by a simple operation.

More than 700 cities and towns have not only decided to adopt the standard but have carried out the practical steps necessary to put it into working order, while numerous other cities, towns and counties have officially decided upon its adoption. The State of Oregon has made its use mandatory by legislative enactment, and a similar measure has been favorably reported in the Massachusetts legislature.

Nevertheless, a very large amount of work yet remains to be done before America is free from this wholly unnecessary fire menace. About three-fourths of the 8000 cities and towns in this country having fire protection, still have non-standard threads.

The great city and the small village are alike menaced. It is not only in such great conflagrations as those of Chicago in 1871, Boston in 1872, and Baltimore in 1904 that such conditions have led to disaster. They play an important part in many of the fires that cause an annual loss of more than \$500,000,000. For example, lack of interchangeability in couplings were large factors in the conflagrations in Salem, Mass., in 1914; Paris, Texas, in 1916; Augusta, Ga., in 1916; Atlanta, Ga., in 1917; Thomsonville, Ga., in 1918; Mobile, Ala., in 1919; Pocomoke City, Md., in 1920; and Grimes, Ia., in 1923. The same difficulty is frequently experienced in smaller towns which do not have the same couplings as do their larger neighbors, as in the fires in Rising Sun, Md., in 1921; Elliott City, Md., in 1923; and Farmington, Conn., in 1923.

The difficulties which at present beset the railroads form a striking example of the existing confusion. Each railroad, in order to protect its property, has to provide connections for each of the non-standard threads in the cities and towns through which its lines pass. For example, the Seaboard Air Line Railway has to carry in stock, 29 different non-standard hose couplings together with special fittings or "adapters" to enable each of these to be connected with the standard form of coupling.

The most important new feature in present form of the standard as approved by the American Engineering Standards Committee, is the national agreement on the complete set of tolerances and the limits of accuracy of manufacture. These make it possible to insure complete interchangeability. Heretofore manufacturers have worked almost entirely from samples of couplings submitted by the purchasing authority, instead of by the use of accurately made gages. This has been a prolific cause of non-uniformity since couplings, hydrant nipples and caps are not reliable as test pieces, owing to wear and corrosion. Through the repetition of such methods, the departure from standard has been cumulative in much the same way that a carpenter introduces cumulative variations in the lengths of boards intended to be the same, if he uses successive sawed boards as samples instead of measuring each new piece by some independent and unchanging measuring device.

The standard includes precise specifications for gages for the use of manufacturers and city authorities in controlling manufacture, and acceptance tests for couplings. These include "go" and "not go" gages for the sizes and form of threads.

This phase of the problem is thus seen to be very similar to that en-

Agreement on Lumber Scale Averts Strike in Fresno

countered during the War in the production of quantities of interchangeable ammunition, during the earliest stages of which due to a lack of adequate gaging systems, great losses and serious delays were experienced. It was only after the introduction of such a gaging system that enormous mass production of acceptable material became possible. Serious consideration is now being given to this same problem as a means of furthering mass production throughout the mechanical industries, and a representative technical committee is now developing a uniform gaging system to this end, under the auspices of the American Engineering Standards Committee.

In connection with the standard, the sponsors are issuing two publications: one for the use of fire chiefs and superintendents of water works, explaining in simple terms the methods of securing complete interchangeability, through the use of inspection gages; and the other, for the guidance of manufacturers.

The experience of cities which have changed over from non-standard to standard couplings has shown that the savings resulting from use of standard couplings, in the course of a few years more than pays for the cost of the change, to say nothing of the reduction of fire hazards.

Notwithstanding the great amount of work which has been accomplished by the organizations already mentioned and by numerous others, such as the Bureau of Standards, and the Chamber of Commerce of the U. S. A., much yet remains to be done that will require continued and united effort. Commercial and civic organizations have a very real responsibility in bringing about the adoption of the American National Screw Thread for Fire Hose Couplings by their own cities and towns, where assistance of other fire departments may at any time be sorely needed.

CLAIM FILLINGS FOR OVERCHARGE AGAINST RAIL CARRIERS

The Traffic Bureau of the San Francisco Chamber of Commerce is directing the attention of all local shippers to the amendment to the transportation act of 1920 which permits shippers three years' time in which to file claim for refund or suit for recovery on overcharge claims against the rail carriers.

The transportation act of 1920 allowed the carriers three years to file claim or suit against the shipper for collection of undercharge and allowed the shipper only two years in which to file suit against the carriers for collection of overcharges. This amendment to the act now equalizes the time of both shipper and carrier to commence action.

The amendment, as passed by Congress, provides that shippers may file claim with the Interstate Commerce Commission or bring suit within six months after June 7, 1924, the date on which the bill was signed by the President, on all claims which accrued on or after March 1, 1920.

WESTINGHOUSE GETS JAPANESE CONTRACT

As a part of their extensive program of electrification, the Imperial Government Railways of Japan have placed orders for electrical equipment amounting to \$1,500,000 with the Westinghouse Electric & Manufacturing Company. The order includes six 75-ton, 1200 hp. locomotives and two 102½-ton, 1800 hp. locomotives for operation at 1500 volts. The eight locomotives are to be placed in passenger service on the electrified section of the Imperial Railway's main line out of Tokyo.

Peace and harmony were restored to the building industry of Fresno June 24, when the joint conference board consisting of five representatives from both the Fresno Builders' Exchange and Fresno Building Trades Council signed a working agreement covering the working rules which shall govern both the employer and employee in the industry, and the wages for the various crafts for the coming year.

The agreement is now in effect, and it is practically a renewal of the old agreement adopted in 1922 and observed until midnight on June 16, with the exception of an amended section.

The language of this section has been cleared up and now permits either of the parties to the agreement to open negotiations through the conference board looking toward a new wage scale.

The language of the amended section is worded as follows:

"The wage scale now being paid in Fresno in the building industry shall continue to be paid hereafter unless changes in the wage scale are agreed to by the joint conference board, which board shall have the sole power to make such change.

"However, it is mutually agreed that either of the parties to this agreement may at any time it desires open negotiations through the joint conference board, looking toward a new wage scale."

Original Section

The original section covering this point read as follows:

"The present existing wage scale now being paid in the building industry in Fresno shall be continued during the life of this agreement, with the understanding, however, that if conditions arise during the life of this agreement which tend to jeopardize the building industry in this community, then the joint conference board shall have the power to effect readjustment consistent with conditions then prevailing."

The new agreement has been approved by both the Valley Industrial

Association and the lumbermen of the city, whose action in announcing a reduction in wages of lumber yard laborers and teamsters to the extent of one dollar a day threatened industrial strife here.

Discontinuation of the old agreement on Monday, June 16, at midnight, resulted from a deadlock reached by the conference board over a request by the Builders' Exchange group for an extension of 60 days in which to make a survey of conditions. The building trades representatives asked for an immediate signing of the agreement. This met with refusal and so negotiations were discontinued.

On the following day the lumbermen announced the cut in wages of their employees.

The conference board was called into session Saturday, June 21, after a proposal for arbitration had been presented by the industrial association. Terms outlined by the board Saturday met with the approval of both factions concerned and resulted in the reaching of the agreement, which is known as the Fresno plan.

The wage scale in effect for the coming year under the agreement follows:

Plumbers	\$ 9.25
Steam fitters	9.25
Electricians	9.25
Sheet metal workers	9.00
Lathers	9.00
Engineers	8.00
Carpenters	8.50
Painters	8.50
Glaziers	8.00
Mill men, sash and door	7.00
Bench men	7.50
Teamsters	6.00
Bricklayers	10.00
Plasterers	10.00
Cement finishers	9.00
Iron workers	9.00
Roofers	8.00
Plaster hod carriers	8.00
Brick hod carriers	7.00
Cement workers	7.00
Common laborers	5.50
Lumber yard and mill labor	5.00

STATE SELLS LAST OF ROAD BONDS VOTED FOUR YEARS AGO

SACRAMENTO, Cal.—The last block of state highway bonds remaining from a bond issue of \$40,000,000 voted four years ago was sold today by State Treasurer Charles G. Johnson to a syndicate of eight members at a premium of \$181,500. The block, consisting of \$3,000,000 worth of bonds bearing interest at 4½ per cent, was sold to the following firms comprising the syndicate: Anglo-London and Paris Company of San Francisco; Bank of Italy; Eldredge and Company, New York; First National Bank of New York; Kissel Kincaid and Company, New York; Stevenson, Perry, Stacy Co., New York; Detroit Company, New York and Schwacher & Company, San Francisco.

MOTOR STAGE TRAFFIC IN CALIFORNIA SHOWN

According to a recent report of the State Railroad Commission of California, 21,221,928 passengers were transported by common carriers using motor transportation during 1922. A large portion of this traffic is over state highways. The revenues of these carriers from purely motor operations totaled \$15,549,349 and their operating expenses were \$14,322,725. Reports filed with the commission showed 1616 passenger cars, 959 freight cars and 335 other pieces of equipment in use. Including leased vehicles and equipment not reported by small lines, the commission estimates 3300 cars, trucks, and trailers devoted to common carrier purposes in California.

M. F. GALE PASSES AWAY

M. F. Gale, one of the old time contractors and a member of the San Francisco Builders' Exchange, passed away in Oakland on June 28th. The funeral will be held at 2 o'clock P. M. Tuesday, July 1st, from Gray's Chapel, Divisadero and Post Sts. Mr. Gale was a member of the Union League Club and at one time director of the Builders' Exchange.

ANOTHER USE FOR BRICK

A supporter of a local football team arrived at the ground one day and saw a load of bricks. He approached the club secretary and asked, "Wouldn't half-bricks have been better?" "Half-bricks?" replied the secretary, "we could build a pavilion with half-bricks!" "Oh! Are they for a pavilion?" said the man. "My mistake. I thought they were for the referee."

Final Payment on Government Contracts is Cause for Comment

The following editorial, under the caption "Contractor Soaked Again," was published in the June 5 issue of the U. S. Government Advertiser, and will prove of interest to contractors engaged in construction work for the Federal Government:

The enactment of the Madden bill by this Congress will not be necessary in so far as the Navy Department is concerned, judging from the action taken by the Secretary of the Navy, Curtis D. Wilbur, in a recent conference with the comptroller general on the question of who had jurisdiction to make final payments under contracts containing a liquidated damage clause. As a result of this conference an agreement was reached whereby the Navy Department surrendered to the general accounting office all the jurisdiction it possessed over consideration of the cause of delay in delivery of supplies or the completion of construction contracts as well as the payment of amounts retained from current payments under contracts, pending final settlement of the question of delays.

Contracts for the delivery of supplies and for the construction of ships, buildings, machinery, etc., heretofore executed by the Navy Department, have, in all cases, contained clauses providing for liquidated damages for delay in delivery or delay in completion and an additional clause which permitted the Navy Department to retain 10 per cent of each and every payment made under the contract pending final completion of delivery or construction. It has heretofore been the practice of the officials of the Navy Department, principally those in control of the activities of the bureau of supplies and accounts, bureau of yards and docks and bureau of construction and repair to determine whether the cause of delay was attributed to the Government and to make the final payments under contracts as the result of such determination. Such final payment included the 10 per cent retained from the contractor when each payment was made less amount of liquidated damages assessed, and, of course, was an item of considerable importance to the individual contractor. This practice has been abandoned by the Secretary of the Navy and it will now be impossible for any contractor to receive payment of the amount retained from payments made until after an inspection by the comptroller general of all the evidence connected with the execution of the contract, including the cause of delay, if any. This surrender of jurisdiction is made by the Secretary of the Navy in a recent communication to the comptroller general, wherein is announced the points conceded by the Secretary of the Navy to the comptroller general as a result of the settlement of the controversy which had raged for some time between the comptroller general and the Navy Department during the period Mr. Edwin Denby was Secretary of the Navy.

The points involved in contracts containing liquidated damage clauses conceded by the Secretary of the Navy to be under the jurisdiction of the comptroller general may be summarized as follows:

That contracts for supplies for the Navy Department should not, as a general proposition, contain liquidated damage clauses, but that all construction contracts should contain such clauses; that when contracts executed by the Navy Department do contain liquidated damage clauses the Navy

Department will not pay to the contractor the amount retained by the Government under the terms of the contract pending final completion of the work or the delivery in a case where there is any indication of a delay and liquidated damages may possibly have accrued; that in such cases the Navy Department will transmit to the general accounting office the evidence in the files of that department and the voucher covering the final payment, for determination by the comptroller general as to whether or not the delay was excusable under the terms of the contract and has to whether or not any money retained by the Government should be paid to the contractor. (It is understood that the Secretary of the Navy is permitted under the agreement to make such recommendation as he may deem proper to the comptroller general when transmitting the vouchers and evidence for final settlement.) That if the Navy Department agrees with the comptroller general that such recommendations will receive scant consideration when the settlement is made by the comptroller general and therefore this may be eliminated from consideration of the effect the agreement may have on the rights of contractors.) That if the Navy Department has decided that there should be no deduction from the contract price on account of delay in delivery or delay in completion because the delay was occasioned by the Government and was not the fault of the contractor, the Navy Department nevertheless will not make payment of the 10 per cent or such other amount as may have been retained, but will advise the contractor that if he wants to receive payment of such retained amount he will have to submit his voucher to the general accounting office for payment there and that the Navy Department agrees to submit all evidence in its possession to the general accounting office for its consideration in determining whether or not any amount is due the contractor; that when the Navy Department entertains any doubt as to the legality of any payment under a construction contract that preliminary bills may be paid so that the contractor may be lulled into a position of security which may induce him to complete the work, but the bills for final payment on completion of the work of service will be referred to the general accounting office for such instructions as the comptroller general may desire to give the Secretary of the Navy or for direct settlement by the general accounting office.

The above agreement is an exhibition of the most absolute surrender by an administrative department of this Government to the general accounting office of its rights and legal prerogatives that has so far come to our notice. It is an admission that the officials and employees of the Navy Department are not to be trusted with the settlement of any contract which contains a liquidated damage clause. It is not evident from our information whether the Secretary of the Navy has arrived at this conclusion regarding his force as a result of ignorance or crookedness on their part. It is certain, however, that it could only be one of these causes, ignorance of the law governing contractual relations between the Government and its citizens, or crookedness on the part of the officials in making settlements with contractors, that would cause the present Secretary of the Navy, a man so renowned for his legal knowledge, to take such drastic and unprecedented action. Does the Secretary of the Navy realize that he has agreed to submit every action he takes

under a contract which contains a liquidated damage clause to the comptroller general for review? Does he realize that he has abandoned the contractors who have been loyal to the Navy Department and who have played fair in their dealings with that department to the jurisdiction of an autocrat, who refuses to recognize even the decisions of the Supreme Court of this United States as binding on him in determining questions submitted for his consideration? Does he realize that he has announced to the world that his legal force, that is, the legal force of the Navy Department, is not competent to correctly solve the legal obligations of the Government to its contractors under any contract containing a liquidated damage clause? Why should a contractor be lulled into a feeling of security that everything is satisfactory to the party of the second part under a contract, or it may be under the terms of the contract the party of the first part, only to have a legal scrap to secure payment cast upon him by the arbitrary action of the comptroller general in refusing to make final payment of the retained percentage? Although the Navy Department officials have reached the conclusion that the contractor is entitled to receive payment of such retained percentage?

There are many other things which Mr. Wilbur overlooked when he made the above described concessions to the comptroller general, but space precludes us from reciting them, although any attorney could advise Mr. Wilbur as to their existence. Suffice it to say that, in our opinion, the Navy Department is placed in a position, by this surrender of jurisdiction, that it will many times wish to escape from. We wonder what kind of bait the comptroller general used in his conference with Mr. Wilbur that it could have succeeded in extracting from a man of such eminent legal education and experience an agreement whereby he surrenders his legal rights to conduct the affairs of an important department of this Government to another official. It is an absolute term fits the transaction, and the great surprise is that the surrender is made by a jurist of considerable reputation and renown.

There is but one avenue of escape from the consequences of the action taken by the head of the Navy Department as described above. Such escape may be accomplished by the Navy Department's contracting officials refraining from inserting in any contract a clause providing for the deduction of liquidated damages, thereby preventing the comptroller general from acquiring jurisdiction under the agreement made with the Secretary of the Navy. Any other method of escape would necessitate the Secretary of the Navy repudiating the agreement, and that is not to be expected. The comptroller general can not be censured for endeavoring to extend the scope of his authority and thereby maintain his war-time force intact, by providing new duties for them to perform in lieu of those war-time duties which have been completed. The Secretary of the Navy and his advisors are, however, not free from censure in having made such an inexcusable concession to the comptroller general.

Building News Section

APARTMENTS

Plans Complete.
APT. BLDGS. Cost, \$10,000
SAN FRANCISCO, S Oak 138 W Central Avenue.
Two-story and basement frame apartment bldg. (4 apts.)
Owner—S. Raskin, 731 Baker St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Complete.
APT. BLDG. Cost, \$20,000
SAN FRANCISCO, SE Cor. Francisco & Van Ness.
Three-story and basement frame apt. bldg. (11 apts.)
Owner—Azel A. Johnson, 632 Belvedere St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$12,300
OAKLAND, NW Cor. Shafter & Avon Avenues.
Two-story 16-room apartment bldg. & garage.
Owner—Mrs. K. R. Kerrigan 5153 Shafter Ave., Oakland.
Contractor—W. E. Kerrigan, 5153 Shafter Ave., Oakland.

Figures To Be Taken Shortly.
UNDERTAKING PARLORS \$40,000
SAN FRANCISCO, Market and Duboce.
Two-story cement and plaster undertaking parlors and apt. bldg.
Owner—Mr. Gantner.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Plans Complete.
APT. BLDGS. Cost, \$24,000
SAN FRANCISCO, S L Union 179 195 E Pierce.
Two 2-story and basement frame apt. bldgs. (4 apts in each bldg.)
Owner—Victor Bjors, 2668 Bryant St., San Francisco.

Contract Awarded.
APARTMENTS Approx. \$25,000
SAN FRANCISCO, West Side Franklin 112½ S Francisco.
Two-story frame (12) apartments with stucco frontage.
Owner—Mr. C. Gignil.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.
Contractor—John Harder.

Plans Complete.
APT. BLDG. Cost, \$10,000
STOCKTON, 322 North Grant.
Apartment bldg. and 4 private garages
Owner—Mrs. Katherine Prato.

Figures To Be Taken Shortly.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, Green near Pierce Street.
Two-story and basement frame and concrete community apartments (4 apts) Spanish design, hollow tile walls.
Owner—Commercial Centre Realty Co.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.

Segregated Figures Wanted.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, NE Chestnut and Laguna Streets.
Three-story and basement frame and plaster apartments.
Owner—Stock & Jose.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Complete.
APT. BLDG. Cost, \$50,000
SAN FRANCISCO, W Leavenworth 115-4 N Sutter St.
Six-story class C apartment bldg.
Owner—C. W. Pichetto, Hotel Minster, San Francisco.

Plans Being Prepared
APARTMENTS Cost, \$—
SAN FRANCISCO, Ellis and Hyde, Eddy and Hyde, and Eddy and Jones.
Four six-story fireproof apartment bldgs.
Owner—The Helbing Co., 1332 Lombard St., S. F.
Architect—David C. Coleman.

Planned
APARTMENT BLDG. Cost, —
SAN FRANCISCO, Polk, Lombard and Chestnut Sts., and vicinity.
Twelve-story fireproof apartment bldg.
Owner—The Helbing Co., 1332 Lombard St., S. F.
Architect—David C. Coleman.

RICHMOND, Contra Costa Co., Cal.—A. L. Rector, 567 6th St., Richmond, awarded contract to erect one-story addition to store building on 13th, bet. Macdonald and Nevin aves, for 40 apartments. Cost \$6,500. Owner Spiersch Bros., 322 13th St., Richmond.

LOS ANGELES, Cal.—Ley Bros., 311 S Vermont Ave., have prepared plans and will erect a 3-story apartment bldg on Shatto Pl. near 7th for themselves. Conc. found., 46x34 ft., frame and plaster constr., comp. rf., wall beds, gas radiators, hot water heaters; cost \$46,000.

PORTLAND, Ore.—Plans are being completed by Architect W. W. Lucius, Lewis Bldg., Portland, for a four-story and basement concrete, brick and frame apartment building, 100x100 feet. It will be erected on SW Third and Mill Sts., for Mrs. Peter Lorati.

BONDS

SACRAMENTO, Cal.—An election will be held July 13, 1924 in Fresno School District near Sacramento to vote \$2500 for improvements.

Material of Merit DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Doors, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal

Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

BAKERSFIELD, Kern Co., Cal.—Bakersfield Municipal Water Board decide to allow voters to ballot on a \$1,500,000 bond issue at the August county primary election. The bonds, if voted, would finance purchase of a municipal water system in this city.

The water board has been negotiating for some time with corporation owners of the water system here to buy the plants and mains of the city, but no agreement has been reached upon price.

SAN JOSE, Santa Clara Co., Cal.—By a majority of 14 votes residents of Hester, Hanchett and College Park, local suburbs, defeated proposed bonding of the district for \$9000 for fire apparatus at a special election held June 24th.

SUPERIOR, Ariz.—The \$75,000 bond issue for a high school bldg. carried at the recent election. The proposed bldg. will have gymnasium and an auditorium.

SACRAMENTO, Sacramento Co., Cal.—The Board of Supervisors of Sacramento County will rec. bids until July 21, 1924 for the purchase of bonds to the amount of \$15,000 for the Pacific School District.

OAKLAND, Alameda Co., Cal.—The Board of Education adopted the final resolution setting the amount of the proposed school bond issue, \$5,577,000.

SACRAMENTO, Cal.—An election will be held July 19, 1924, by Junction School District near Sacramento, for \$1500 for imp. to school.

ARCADIA, Los Angeles Co., Cal.—City council plans to call a \$230,000 bond issue for completing pavement of all streets in Arcadia. John H. Bartlett, street sup.

CLAREMONT, L. A. Co., Cal.—The \$45,000 school bond issue carried at the recent election. The improvements will include an addition to the grammar school costing \$20,000, and alterations to the high school, the latter including a shop bldg. The latter improvements will cost \$25,000.

SAN DIEGO, San Diego Co., Cal.—The city council has set Sept. 10 as date for the \$4,475,000 water bond issue election to be voted for the main purpose of building a dam at Mission Gorge site No. 2. Of this sum \$3,600,000 is for the Mission Gorge dam, acquisition of flooded lands, a pipe line, and a filter plant. The balance is for harbor and pier improvements.

WINDSOR, Sonoma Co., Cal.—The Board of Supervisors of Sonoma County sold Windsor School District bonds to the amount of \$5000 to Blyth, Witter & Co. of San Francisco at a premium of \$31.

OROVILLE, Butte Co., Cal.—Board of Directors of Oroville Wyandotté Irrigation District will receive bids until July 13, 1924, 11 A. M. for purchase of bonds to amount of \$60,000. R. C. Taylor, President; W. J. Monro, Secretary.

BAKERSFIELD, Kern Co., Cal.—The bond election held recently in the Vineyard School District for \$17,000 carried, while the election in the Union Avenue School District failed. A new election can not be held for a year.

SACRAMENTO, Sacramento Co., Cal.—Until July 21, 1924, 10 a. m., bids will be rec. by Bd. of Sup. of Sacramento County, for the purchase of bonds to the amount of \$15,000 for the Pacific School District. Interest 6½% per annum.

MERCED. Merced Co., Cal.—The merced irrigation board recently conferred with representatives of Banks, Huntley & Co. and M. H. Lewis & Co., of Los Angeles and J. R. Mason & Co., of Shingler, Brown & Co., of San Francisco, representing several of the syndicates which on June 7 made proposals for the purchase of \$9,010,000 of the district's bonds to be sold. The board decided that it would readvertise for bids for the sale of \$750,000 of the bonds. The date has not been fixed.

HAYWARD. Alameda Co., Cal. — An election will be held on July 22, 1924 in the Hayward Union High School District to vote bonds to the amount of \$280,000. N. P. Nielsen, Clerk of the District, Henry C. Smith, Humboldt Bank Bldg., San Francisco, is preparing plans for a two-story concrete structure to contain 24 classrooms, and an auditorium if the election carries.

LOOMIS. Placer Co., Cal.—An election is planned by the Trustees of the Loomis Union Grammar School District to vote \$27,000 additional bonds, for the proposed school. Bonds to the amount of \$49,000 have already been voted.

CHURCHES

Contract Awarded.
CHURCH Cost, \$75,000
BURLINGAME. San Mateo Co., Cal.
Two-story and basement frame and stucco church.
Owner—First M. E. Church.
Architect—Paul V. Tuttle, 357 12th St., Oakland.
Contractor—Ludley & Wiseman.

The contract will be signed within the next day or two.

PASADENA. L. A. Co., Cal. — The Washington Christian church, Charles F. Hutsler, pastor, has formed a bldg. committee to select an archt. and conduct the raising of funds and building a \$75,000 church bldg. on a 100x200 ft. owned site adjoining its present church bldg. at Rio Grande St. and Menter Ave Pasadena.

BEVERLY HILLS. L. A. Co., Cal. — Archt. Carleton M. Winslow, 921 Van Nuys Bldg., has completed plans for a church to be erected at cor. Santa Monica Blvd. and Rodeo Dr., Beverly Hills, for the Beverly Hills Community Presbyterian Church; there will be an auditorium to seat bet. 500 and 600 people. Masonry constr., plas. exter., tile fig. hardwd. fls., gas hfg., pipes and hardwd trim, art glass, etc.; \$50,000.

PASADENA. L. A. Co., Cal.—William C. Crowell, 414 Security Bldg., Pasadena, was awarded the general contract for erecting the \$300,000 auditorium (the first unit) of the group of new church buildings at Holly St. and N. Marengo Ave., Pasadena, for the First Baptist Church. Frederick L. Kennedy, Jr., 25 E. Green St. and Carleton M. Winslow, 921 Van Nuys Bldg., L. A., assoc. archts. Fifteen-hundred seat auditorium, brick and conc. constr., tile exter., hardwd. and cast stone unit heating, art glass, marble and tile, ornam. plaster, metal sash, steel tank slate thresholds, struc. steel, hollow tile partitions.

FULLERTON. Orange Co., Cal.—Stanley Chapman has had work started clearing his property on Spadra St. for the new theater which he has been planning for some time. Tentative plans for the new theater call for an expenditure of \$250,000. Harry Wilbur, prop. of the Rialto, will have charge of the new house.

FACTORIES AND WAREHOUSES

Sub-Figures to be Taken Next Week.
WAREHOUSE Cost, \$35,000
SAN FRANCISCO. E Harrison St. near Eighteenth.
Two-story and basement reinforced concrete warehouse.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco.

Plans Being Figured—Bids Close July 23 at 11 A. M.
WAREHOUSE Cost, \$500,000
SAN FRANCISCO. Spear and Harrison. Three-story class A steel frame and reinforced concrete supply whse.
Owner—U. S. Government
Architect—Bureau of Yards and Docks
Navy Dept., Washington, D. C.
NOTE—Date of opening of bids previously reported as July 23, has been changed to July 23rd at 11 a. m.
The following list of contractors have taken out plans:
Clinton Construction Co.
Carl H. Peterson.
Barrett & Elip.
West Coast Construction Co.
Dan R. Wagner and K. E. Parker Co.
Robert K. McKee.
Cobby & Owsley.
Larsen & Siegrist.
Dinwiddie Construction Co.
Albert H. Vogt.
Vukicevich & Bagge.

Sub Contract Awarded.
EXCAVATING ETC. Cost, \$15,519
SAN FRANCISCO. 5th and Bluxome St.
Excavating and piling for wholesale store and warehouse bldg.
Owner—Dohrmann Commercial Co., Stockton and Geary, San Francisco
Architect—Ashley & Evers, 68 Sutter St., San Francisco
Contractor—Hannah Bros., 142 Sansome St., San Francisco.

LOS ANGELES. Los Angeles Co., Cal. — Pozzo Construction Co., 421 Macy St., has been awarded a contract at \$75,000 for all work complete for erecting a one-story Class A vegetable packing plant on Downey Road near Fruitland Ave. Central Manufacturing District, for the Federal Refrigerating Co. Plans were prepared by Ball Ice Machinery Co. of St. Louis. Dimensions, 60x500 ft., reinforced concrete walls, steel sash, steel roof trusses, corrugated iron roofing, metal skylights, steel rolling doors, cement floors.

EL MONTE. L. A. Co., Cal. — E. E. Thurman has started work on the foundation of a warehouse 150x112 ft., on Main St. at Granada St. to be erected for C. C. Stafford. The bldg. will be of either brick or conc. constr.; 6-in. conc. floor. Foundations are being built to carry 2 stories although only one story is planned at present. Mr. Stafford is head of the C. C. Stafford Milling and Warehouse Corp.

SEATTLE. Wash.—Work on the \$4,000,000 ocean terminal to be built by the Pacific Steamship Terminal Company, a subsidiary of the Pacific Steamship Company on the Skinner & Eddy shipyard site No. 1, was started recently when a crew of men employed by the Puget Sound Bridge & Dredging Company began dredging operations.

SEATTLE. Wash.—The Pacific Tel. & Tel. have awarded contract to Sound Construction & Engineering Co., Lowman Bldg., Seattle, for const. of 3-story masonry shop and war-house building, 130x85 feet to be erected on Fairview Ave. and Valley St. Cost approx. \$200,000.

UPLAND. San Bernardino Co., Cal.—Campbell Construction Co., Ontario, has been awarded the contract at about \$80,000 to erect a packing plant and a pre-cooling plant, at Upland, for the West Ontario Citrus Assn. Dimensions, 242x141 ft., reinf. concn. constr., saw-tooth roof constr., steel sash, composition roofing, wire glass, steel roof trusses; the pre-cooling plant will be 44x15 ft. and will be erected in connection with the packing plant, 42 ft. high.

LOS ANGELES. Los Angeles Co., Cal. — **LOS ANGELES.** Los Angeles Co., Cal. — Architect E. S. Nibbel, 315 Washington Bldg., has prepared plans for a factory building to be erected at the south-east corner of Mines and Calzona Sts. for O'Keefe & Merritt, 251 So. Ave. 17. Dimensions, 171x350 ft., brick and frame and corrugated iron exterior walls, composition roofing, steel sash, steel rolling doors, metal skylights, cement floors. Cost, \$50,000.

RICHMONT. Contra Costa Co., Cal.—Plans for a city machine shop in the corporation yards at the end of Thirteenth street at the Santa Fe tracks have been completed. City Engineer H. D. Chapman announced. The proposed shop would be 50 by 50 feet and would entail an expenditure of between \$5000 and \$6000.

ANAHEIM. L. A. Co., Cal.—Crystal Chemical Co. is preparing to expend approx. \$500,000 for improvements to the company's plant here. This improvement program is spread over a period of five years. A fertilizer dept. will be added. The company is now turning out 25,000 gal alcohol per day for commercial use. Another immediate improvement proposed is the elimination of all odor.

BURBANK. L. A. Co., Cal.—The Golden State Box Factory of Los Angeles is reported to have secured a 2-acre site of the Southern Pacific Ry. in the northwest part of town, and will start work at once on a 2-story bldg. to house a box factory, for the manufacture of cigar, candy and other wood and fibre boxes.

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SEATTLE, Wash.—The Pac. Tel. and Tel. Co. will shortly award contracts to construct a three-story concrete and br. warehouse with fenestred steel sash to be erected on block of Valley at Minor Ave. North and Fairbairn Aves. Cost \$140,000.

FLATS

Contract Awarded.
FLATS Cost, \$10,000
SACRAMENTO, Cal. No. 2809 G St.
Two-story four flat building and garage (4-room flats).
Owner—Mrs. C. Ebel, 1422 10th St., Sacramento.
Architect—None.
Contractor—W. R. Saunders, 2614 I St., Sacramento.

Contract Awarded.
FLAT BLDGS. Cost, \$16,000
SAN FRANCISCO, W 43rd Ave. 150 175 S Balboa.
Two 2-story and basement frame flat building.
Owner—R. G. Hall, 6140 Geary St., San Francisco.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.

Plans Completed.
FLATS Cost, \$10,000
SAN FRANCISCO, W Laguna 55 S Filbert.
Two-story and basement frame flat bldg. (2 flats).
Owner—W. W. Rednall, 2500 Filbert San Francisco.

Bids Wanted
FLATS Cost, \$14,000
SAN FRANCISCO, Bay near Van Ness Avenue.
Two-story and basement frame flats (2 6-room flats).
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
FLATS Cost, \$11,896
SAN FRANCISCO, W Langton 250 S Howard.
Two-story and basement frame flat bldg. (4 flats).
Owner—M. Bassetti, 52 Langton, San Francisco.
Architect—John Foley, 770 5th Ave., San Francisco.
Contractor—Gustav Spitz, 56 Langton, San Francisco.

Contract Awarded.
FLATS Cost, \$15,000
SAN FRANCISCO, Powell near Filbert Street.
Two-story and basement frame and plaster (2) flats.
Owner—Mr. Demartini.
Architect—Paul F. DeMartini, 946 Broadway, San Francisco.
Contractor—Paul DeMartini, 2869 Octavia St., San Francisco.

GARAGES

Plans Being Completed.
GARAGE Cost, \$24,000
SAN FRANCISCO, Filbert & Columbus.
Two-story concrete garage bldg.
Owner—Commercial Centre Realty Co.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.

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Bids Wanted.
ALTERATIONS Cost, \$14,000
SAN FRANCISCO, Pacific and Montgomery.
Alterations to one-story brick garage.
Owner—Commercial Centre Realty Co., 916 Kearny St., San Francisco.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.

LOS ANGELES, Cal.—Arch. John M. Cooper, 321 Marsh-Strong Bldg., has prepared plans and has the contract to erect a class C store and garage bldg. on 18th St. near Figueroa St. for the I. W. Hellman estate. It will be occupied by the Paul G. Hoffman Co., 6 stores, garage and auto salesroom, offices; brick walls, dimensions, 100x130 ft., 1-story and mezzanine, press. brick facing, plate glass, steel beams, comp. rig., metal skylights, steel sash, wood roof trusses, cement, tile and hardwood floors; \$75,000.

LOS ANGELES, Cal.—Arch. John M. Cooper, 321 Marsh-Strong Bldg., has prepared plans and has the contract to erect a 1-story and basement garage on Maple Ave., between 4th and 5th Sts. for Morse & Caldwell. It is being designed to carry 7 additional stories; reinf. concrete construction, steel sash, comp. rig., ramps, sprinkler system.

GOVERNMENT WORK AND SUPPLIES

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. June 23, 1924.—SEALED PROPOSALS will be received and opened in this office at 3 P. M., July 21, 1924, for furnishing the materials and labor required for changes at Side Entrance at the U. S. Post Office, Oakland, Calif. Drawings and specifications may be obtained from the U. S. Post Office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

VALLEJO, Solano Co., Cal.—Mare Island navy yard officials have received notice from Washington authorizing the reconstruction of Dike No. 14 at the yards at a cost of approximately \$100,000.

The large dike collapsed recently following an attack on the wooden piles by teredos, a species of marine worm. The new structure will be a class A concrete construction with no exposed wood sections. Employees of the public works department at Mare Island will carry out the work immediately.

WASHINGTON, D. C.—Bids will be rec. by The Pac. Custodian, Office of General Purchasing Officer, until July 21, 1924, 10:30 a. m., to fur. Diesel Engine driven generator for stand-by generator stations, under Cir. No. 1617. Copies of cir. obtainable from Fort Mason, San Francisco.

MARE ISLAND, Cal.—Building of 2 target rafts at a cost of approximately \$40,000 has been authorized by the Bureau of Ordnance. The work will begin immediately after July 1, it is stated.

Office Constructing Quartermaster, Fort Mason, Cal.—T. H. Dahl, 305 Broderick St., was awarded the majority of painting of buildings at Letterman General Hospital, and Mohr & Son of 433 11th St., were awarded a smaller portion.
Dahl, lump bid was \$21,215
Mohr & Son, lump bid 27,600

HALLS AND SOCIETY

Figures Wanted—Bids To Be Opened July 21st at 11 O'clock, A. M.
MEMORIAL BLDG. Cost, \$20,000
ONE-NUT CREEK, Contra Costa Co. One-story frame and brick veneer Memorial Building.
Owner—Contra Costa County (J. H. Wells, Clerk).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Figures Wanted—Bids To Be Opened July 21st at 11 O'clock, A. M.
MEMORIAL BLDG. Cost, \$18,000
DANVILLE, Contra Costa Co., Cal. One-story frame and stucco Memorial Building.
Owner—Contra Costa County (J. H. Wells, Clerk).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Contract Awarded.
CLUB HOUSE, ETC. Cost, \$36,000
OAKLAND, Alameda Co., Cal. N 40th St. west of Grove.
Two-story 10-room club house and gymnasium.
Owner—Sacred Heart Parish.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland.

Plans Being Figured.
CLUB BLDG. Cost, \$40,000
OAKLAND, Alameda Co., Cal. E Webster St. N 15th.
Two-story concrete store and club building.
Owner—Business & Professional Holding Corporation.
Architect—Miller & Warnecke, 414 13th St., Oakland.

Preliminary Plans Complete.
Y.M.C.A. BLDG. Cost, \$900,000
SAN FRANCISCO, Embarcadero betw. Mission and Howard Sts.
Eight-story reinforced concrete Y. M. C. A. bldg. (army and navy branch)
Owner—Y. M. C. A.
Designer—International Bldg. Bureau of Y. M. C. A., New York.
Architect—Not selected yet.
Plans call for a structure covering 137 square feet with swimming pool, gymnasium, dormitory, club rooms and other conveniences.

Contract Awarded.
STORE ETC. Cost, \$80,000
SAN FRANCISCO E Jones 107-6 N Turk
Three-story class C store, hall and office building.
Owner—Musicians' Union, 63 Haight St. San Francisco.
Architect—Sylvain Schnaitacher, 233 Post St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

COMPTON, L. A. Co., Cal.—Arch. Frank O. Bager, 137 E White Oak, Monrovia, has completed preliminary plans for a 3-story brick store and lodge bldg. to be erected at Magnolia and Tamarind Sts., for the Masonic Temple Assn. The bldg. will be 95x95 ft. and will contain, stores on the ground floor, lodge rooms, banquet hall and offices above. The bldg. will have glazed brick front; comp. rf; elevator. Cost, \$75,000. The drawings are on display at the office of Jack Stanley, Compton.

LOS ANGELES, Los Angeles Co., Cal.—Arch. Geo. M. Lindsey, 327 Laughlin Bldg., is preparing plans for a two-story and basement fraternity building for the Owl and Key Fraternity of Occidental College. There will be a living room, dining room, breakfast alcove, kitchen, library and reception room on the first floor, two bedrooms, seven studies, four sleeping porches to accommodate 20 men and two bathrooms with showers on second floor, chapter room, banquet room and storage in basement. Dimensions, 62x84 feet, concrete and frame construction, tile roofing, hot air heating system, metal lath and plaster, tile bath and shower, hardwood floors, pine and mahogany trim. Cost, \$25,000. Selected bids will be taken.



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ORLAND, Butte Co., Cal.—The Tommy A. Thompson Post of Amer. Legion plans the erection of a \$30,000 home on North Fourth Street. Plans to obtain the funds from the County have been started.

SANTA BARBARA, Santa Barbara Co. Cal.—Arch. W. E. Edwards is preparing plans for a 2-story Spanish type class A club house to be erected at West Cabrillo Blvd. and Chapala St. for a local syndicate headed by F. A. Harding. The site was purchased from Ole Hanson Syndicate. The promoters have named the club the Royal Santa Barbara Club and plan to expend about \$170,000 on the bldg., which will be operated on a business basis. There will be a ballroom, billiard, billiard room, shower baths, etc. Portions of the bldg. will be rented for public or private functions.

SANTA BARBARA, Santa Barbara Co., Cal.—The California Poppy Social Club has been organized under the name of the Caposo Inv. Co., with a capital stock of \$100,000 (C. E. Aubrey pres.) with the purpose of erecting a 2-story club bldg., containing dance floor, 120x114 ft., and a banquet hall, 90x100 ft. The banquet hall will be a combined dining room and gymnasium. As soon as a bldg. site is selected plans for the new club house will be started.

ALHAMBRA, L. A. Co., Cal.—Archts Quintin & Kerr, 310 Weber Bldg., Alhambra, have completed plans for the new Alhambra Athletic club bldg. to be erected on a 3½-acre site on N Chapel St. Est. cost \$75,000. The bldg. will be of rambling English type architecture, containing lounge, 88x48 ft., lobby 32 by 17 ft., locker room, showers, lavatory, kitchen, etc. The lounge will accommodate 300, and will be used for dining room until the new dining room addition is built. The ladies' dept. will be on the mezzanine floor overlooking the lobby. Plans include a gymnasium, 80x100 ft. containing stage, and a swimming pool, 20x60 ft., in connection. The athletic features of the club will be built after the main portion is completed.

FULLERTON, Orange Co., Cal.—The South Side Imp. Assn. is back of a plan to erect a community club house and swimming pool for the south side of the city. A site has been tentatively secured.

STEALOH

Contract Awarded. Cost, \$24,000
HOTEL, ETC. 319 K St.
SACRAMENTO, Cal. No. 319 K St.
Three-story brick hotel and store building.
Owner—Spiro D. Giacomelos, 29th and J Sts., Sacramento.
Architect—None.
Contractor—H. Goldman, 116 5th St., Sacramento.

VENICE, L. A. Co., Cal.—Mrs. Gussie Rundel and Mrs. Minnie K. Poppe are said to be planning to erect a store, office and hotel bldg. on Trolleyway, bet. Market St. and Horizon Ave. Est. cost, \$150,000. The project has been filed in City Planner William T. Doane's office.

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Bids To Be Called About Aug. 15th.
ADDITION. Cost, \$90,000
EUREKA, Humboldt Co., Calif., block site of and adjoining present Eureka Inn.
Three-story frame hotel addition, (50 rooms, 70 baths.)
Owner—Eureka Hotel Co., Eureka, Calif.
Construction Managers—Fred Whitton Construction Co., 363 Pine St., S. F.

Contract To Be Signed Shortly.
HOTEL. Cost, \$300,000
MARYSVILLE, Yuba Co., Cal., Fifth and F Sts., 1923-19-8.
Five-story reinforced concrete hotel 141 rooms, 11 sample rooms and 80½ baths (pressed brick).
Owner—Marysville Hotel Co., Architect—Edward Class, Underwood Bldg., San Francisco.
Contractor—I. C. Evans, 802 E St., Marysville.

According to President A. H. Boulton of the Marysville Hotel, the contract will be signed as soon as the necessary funds to complete the amount needed have been obtained.

BRAWLEY, Imperial Co., Cal.—Geo. Lack, one of the owners of the Dunlack Hotel, has announced his plans for rebuilding the structure making a 4-story 85-room hotel. The Dunlack hotel bldg. was destroyed in the recent fire.

CHANDLER, Ariz.—About \$300,000 will be expended on improvements at the San Marcos hotel this summer, according to Dr. A. J. Chandler, who has applied to the city council for a permit to close city streets and alleys adjacent to the hotel. About 30 new bungalows are included in the plans, which call for a new dining room and the doubling of the hotel capacity.

YREKA, Siskiyou Co., Cal.—Excavation has been started for the construction of a three-story frame hotel building to be known as "Yreka Inn." Weaver Bros., of Yreka, are the owners. Most of the work will be done by days labor under the supervision of the owners. The foundation contract has been awarded to Chas. Noel.

HOSPITALS

Contract To Be Awarded. Cost, \$42,000
BRICK ADDITION. 319 K St. and 6th Avenue.
One-story and basement brick surgery and clinic addition to hospital.
Owner—French Hospital.
Architect—Fabre and Hildebrand, 110 Sutter St., San Francisco.
In all probability H. H. Larsen will be awarded the contract within the next few days.

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POWER PLANTS

Sub-Contract Awarded. Cost, \$13,210
PURIFIERS. SAN FRANCISCO, Bogs. 719 N. 857 40 E 135 N 4' 20' W from SE Humboldt and Georgia Sts.
Seven wooden purifiers at Potrero gas plant.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—George Windler Co., 8th & Hooper Sts., San Francisco.

OROVILLE, Butte Co., Cal.—See "Sewers and Street Work," this issue.

TACOMA, Wash.—Chief Engineer J. L. Stannard of the Cushman power project, Tacoma's hydro-electric undertaking, announced the award of the contract to construct the foundation for the new power house to A. Guthrie & Co., of Portland, Ore. n that firm's bid of \$14,125, but one other bid was received on the contract, according to Engineer Stannard. The structure is to be built on the Skokomish river.

FALLON, Nevada.—The City Council plans the installation of a municipal power plant. Engineers have been directed to present specifications for two plants, 200 horsepower each. The proposed municipal power plant would cost approximately \$40,000.

PUBLIC BUILDINGS

Bids To Be Taken Next Week. COST, \$10,000
ALTERATIONS. Piedmont, Magnolia and Highland Avenues.

Alter frame club house into community house.

Owner—City of Piedmont.
Architect—Meyer & Johnson, Bks Investment Bldg., S. F.

Sketches Prepared. Cost, \$—
CITY HALL. EL CERRITO, Contra Costa Co., Cal.
City Hall.

Owner—City of El Cerrito.
Architect—W. O. Lewis, Oakland.
W. O. Lewis submitted sketches to the Board of Trustees of El Cerrito, but no definite action was taken. A bond issue will be voted on shortly for raising necessary funds.

Bids to Be Taken Shortly. COST, \$28,000
CITY HALL, ETC. LEMORE, Kings Co., Cal.
Two-story brick city hall and fire house, brick exterior finish, electric heating system, composition roof.

Owner—City of Lemoore.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

Plans have been completed and will be presented to the Board of Trustees of Lemoore this week for final adoption.

PIEDMONT, Alameda Co., Cal.—Fred Westlund, 351 12th St., Oakland was awarded the general contract at \$23,970 for alterations and additions to the City Hall at Piedmont. Plans were prepared by Architects Meyer & Johnson, 743 Market St., San Francisco.

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Bids Wanted
ALTERATIONS Cost, \$10,000
PIEDMONT, Magnolia and Highland
Avenues
Alter frame club house into commu-
nity house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, Bks In-
vestment Bldg., S. F.

LODI, San Joaquin Co., Cal.—Kent
Watson, Matt Sherman, Matt Rodacker
and B. E. Porter, of Lodi, were awarded
the contract for the construction of
the new fire house bungalow for
Maple Park by the Trustees of the City of
Lodi. Their bid was \$4697.75 for the
brick veneer.
Their bid for the frame and stucco
was \$4714 and for the concrete block
\$4835.95.

The six other bidders and their bids
are as follows:
Paukert & Rosenberg, brick, \$4996.15
cement block \$4995.85; and frame with
stucco, \$4768.90.

E. T. Wisner, brick \$5267; frame
with stucco, \$5100; and cement block,
\$5323.

Helb Brother, brick \$5374.99; cement
block \$5374.99; and frame with stucco
\$5264.99.

W. J. Barnes, brick, \$5325; block,
\$5700; frame and stucco, \$5250.

R. Senner, brick, \$5269; block, \$5369;
with Spiekerman block, and \$5169 with
Perrin block, and frame and stucco,
\$4869.

The architect, J. Frank Watson made
an estimate of \$4700.

BERKELEY, Cal.—Following bids
received at the office of the Comptroller,
University of California, for the
concrete work for the training quar-
ters in the California Memorial Stadium
on the grounds of the University of
California. Plans by John Galen How-
ard and Associate Architects, First National
Bank Bldg., San Francisco.

John M. Bartlett, 351 12th St.,
Oakland \$124
F. E. Nelson 3385
M. E. Hopper & Son 9225
H. Vensano & Co. 9822
Lawton & Vezey 10,936

All bids are being held under advise-
ment.

SAN FRANCISCO, Cal.—Until July
24, 1924, 12 noon, bids will be rec. by
Board of Park Commissioners, B. P.
Lamb, Secretary, for the installation of
heating equipment at the M. H. de
Young Memorial Museum, Golden Gate
Park. Plans and specifications on file
in the office of Leland & Haley, 58 Sutter
St. Certified check of 10% required

SAN FRANCISCO—Until July 24,
1924, at 12 noon, bids will be received
by B. P. Lamb, Secretary of Board of
Park Comm. for the general construc-
tion of a new Beach Chalet to be erect-
ed on the western border of Golden
Gate Highway southeast of present
Beach Chalet. Plans and specifications
thereof on file in the office of Willis
Polk & Company, Hobart Bldg. Bond
of 20% required.

RESIDENCES

BUNGALOW Cost, \$6000
ALAMEDA, Hawthorn & San Antonio.
Five-room bungalow and garage.
Owner—Mrs. Jacob Nelson.
Architect—W. O. Lewis, Oakland.

Contract Awarded.
DWELLINGS Cost, \$10,000
SAN FRANCISCO, E 15th Ave. 50 75
165 S Judah.

Three 1-story and basement frame
dwellings.
Owner—L. S. Ross, 1440 15th Ave., San
Francisco.
Architect—Chas. E. J. Rogers, Phelan
Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St.,
San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$42,000
WOODSIDE, San Mateo Co., Cal.
Two-story and basement frame and
concrete 12-room country residence
Owner—Estate F. A. Zane, Portola.
Architect—Joseph L. Stewart, Claus
Spreckels Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$35,000
SAN FRANCISCO, St. Francis Wood.
Buena, Ventura and St. Francis
Bldg.

Two-story and basement frame, plas-
ter and brick Spanish residence
with tile roof (9 rooms).

Owner—J. P. Livingston.
Architect—Joseph L. Stewart, Claus
Spreckels Bldg., San Francisco.

Plans Complete.
DWELLINGS Cost, \$16,000
SAN FRANCISCO, E Avilla St. 75 95
145 165 N Chestnut.
Four 1-story & basement frame dwigs.
Owner—Meyer Bros., 1 Montgomery St.
San Francisco.

Contract Awarded.
DWELLING Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. Lot
186 Occidental Ave., San Mateo
Park.

Dwelling and garage.
Owner—C. W. Higgins, 775 Geary St.,
San Francisco.

Architect—None.
Contractor—M. C. Rench, 728 S-E St.,
San Mateo.

Plans Being Revised.
RESIDENCE Cost, \$30,000
FRESNO, Fresno Co., Cal.
Two-story frame and stucco residence
of Spanish architecture with tile
roof. Will contain 16 rooms and 4
bhs.

Owner—Mrs. A. B. Clark.
Architect—Swartz & Ryland, Rowell
Bldg., Fresno.

Plans Being Revised.
RESIDENCE Cost, \$15,000
BERKELEY, Alameda Co., Avalon Ave.
Two-story frame and stucco 10-room
Spanish design residence with tile
roof.

Owner—Geo. P. Baxter.
Architect—Warren G. Perry, 260 Calif.
St., San Francisco.

Bids Wanted.
RESIDENCE Cost, \$10,000
NAPA, Napa Co., Cal.
Two-story stucco and frame 9-room
residence.

Owner—James G. Noyes.
Architect—Warren G. Perry, 260 Calif.
St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$9000
NEAR WOODSIDE, Santa Clara Co.
One-story stucco and frame residence
(7 rooms).
Owner—Withheld.
Architect—Birge M. Clarke, 600 Em-
barcadero, Palo Alto.
Contractor—W. P. Goodenough

Bids Wanted.
RESIDENCE Cost, \$17,000
UNIVERSITY OF CALIF. CAMPUS,
Santa Clara Co., Cal.
Two-story frame and stucco 12-room
residence.
Owner—Withheld.
Architect—Birge M. Clarke 600 Embar-
cadero, Palo Alto.

Bids Wanted.
RESIDENCE Cost, \$12,000
UNIVERSITY OF CAL. CAMPUS,
Santa Clara Co., Cal.
Two-story frame and stucco 8-room
residence.
Owner—Withheld.
Architect—Birge M. Clark, 600 Embar-
cadero, Palo Alto.

Bids Wanted.
RESIDENCE Cost, \$12,000
ANTIOCH, Contra Costa Co., Cal.
Two-story brick and concrete 10-room
parochial residence with tile roof
Owner—The Dominican Fathers, Anti-
och.
Architect—Beezer Bros., 1915 Steiner
St., San Francisco.

Contract Awarded.
RESIDENCES Cost, \$10,100
SAN FRANCISCO, W 41st Ave. 200 N
Balboa.

All work except furnaces and hot water
heaters for two frame residences.
Owner—Dr. Geo. Herzog and Rae Her-
zog, Flood Bldg., San Francisco.
Contractor—Henry S. Nelson, 639 6th
Ave., San Francisco.

NILES, Alameda Co., Cal.—E. E.
Dias contractor of Niles will shortly
start construction of three frame
bungalows in the School tract to cost
from \$3000 to \$5000 each.

Contract Awarded.
REMODEL Cost, \$10,650
OAKLAND, NE 40 ft. of Lots 165 166
Block 338 "Piedmont by the Lake
Tract".

Remodeling and enlarging two-story
frame residence.
Owner—O. T. & Minnie Nish, 734
Lake Shore, Oakland.
Designer—H. E. Forward, 103 Wals-
worth, Oakland.
Contractor—Beadell & Lane, 909 Spruce
St., Berkeley.

Bids Wanted.
RESIDENCE Cost, \$8000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence
Owner—R. A. Hickman.
Architect—Masten & Hurd, 278 Post St.
San Francisco.

Bids Wanted.
BERKELEY, Thousand Oaks. Cost, \$12,000
Two-story frame and stucco residence
Owner—Mr. J. Hood.
Architect—Masten & Hurd, 278 Post St.
San Francisco.

KING'S ORIENTAL STUCCO

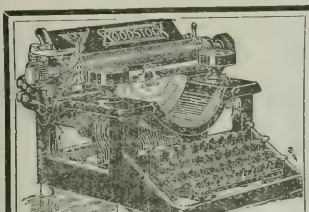
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DIRECT FACTORY BUYERS

SCHOOLS

Contract Awarded.

RESIDENCE Cost, \$3-
PETALUMA, Sonoma Co., D & Brown
 Streets.
 Eight-room frame country residence &
 garage.
 Owner—M. Goldman.
 Architect—Luderman Schnaittacher, 233
 Post St., San Francisco.
 Contractor—Vogensen Const. Co., Peta-
 luma.

Contract Awarded.

DWELLINGS Cost, \$33,000
SAN FRANCISCO, E 15th Ave, 130 S
 Lawton Ave.
 Six 1-story and basement frame dwlg.
 Owner—Lederman Building Co.
 Architect—Gustave Stahlberg, Flatiron
 Bldg., San Francisco.
 Contractor—Meyer Bros., 1 Montgom-
 ery St., San Francisco.

Bids Close July 10, 1924, 2 P. M.
SCHOOL Cost, \$21,000
FIGARDEN, Fresno Co., Cal. Figarden
 School District.
 Elementary school building.
 Owner—Figarden School District, Mrs.
 Blanche Allison, Clerk.
 Architect—Ernest J. Kump Co., Rowell
 Bldg., Fresno.
 Plans and specifications obtainable
 from Clerk or W. F. Jennings, 819 Mat-
 tel Bldg., Fresno.

Contract Awarded.

ADDITION Cost, \$16,881
STOCKTON, Stockton High School.
 Addition to Boys' and Girls' gymna-
 sium and alterations in commercial
 science building of Stockton High
 School.
 Owner—Board of Education (J. R.
 Humphreys, pres. and Ansel S.
 Williams, secy.)
 Contractor—H. E. Vickroy, 1122 North
 Commerce, Stockton.

AUDITORIUM \$3000
POINT ARENA, Mendocino Co.
 One-story frame auditorium bldg. at
 high school site.
 Owner—Point Arena Union High
 School.
 Architect—Norman R. Coulter 46 Kear-
 ny St., San Francisco.
 Bids will be received until July 12.
NOTE—The above was reported as a
 \$40,000 school building in issue of 18th.

PALO ALTO, Santa Clara Co., Cal.—
 H. E. Lauer of Palo Alto was awarded
 the heating and ventilating in connec-
 tion with the construction of the pro-
 posed school building to be erected
 here, according to plans and specifica-
 tions by Architect Birge M. Clark, 600
 Embarcadero, Palo Alto.
 All bids for sheet metal work and
 plastering were rejected and new bids
 will be re-advertised for.

Awards on other portions of work as
 reported June 19th, are:
General contract to Cochrane-Boehm
 Co., Call Bldg., San Francisco, at
 \$71,900.

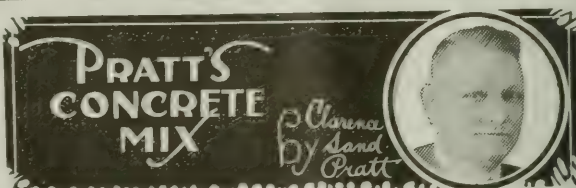
Composition roofing to W. J. Porter,
 San Jose, \$268.
Title roofing to Gladding and McBean,
 Crocker Bldg., S. F., \$3725.
Blackboards to F. W. Wentworth and
 Co., 39 2nd St., S. F., \$2556.
Painting to A. Quandt & Son, 374 Guer-
 rero St., S. F., \$4765.
Hardware to San Jose Hardware Co.,
 San Jose, \$2836.
Plumbing to Turner Co., 218 Natoma
 St., S. F., \$7130.
Electrical work to Butte Elec. & Mfg.
 Co., 534 Folsom St., S. F., \$4815.
Electric elevators to Pacific Elec. Clock
 Co., 86 3rd St., S. F., \$498.
 1st report April 9, 1924; 5th June 19,

FRESNO, Cal.—Following bids rec.
 by L. L. Smith, Secy. Board of Educa-
 tion, 2525 Tuolumne St., Fresno, to fur-
 nish blackboards for high school:
 C. F. Weber Co., S. F., \$1026.00
 H. E. Crocker Co., S. F., 1006.30
 Permoroc 662.00
 Duroplate 529.70
 Rucker-Fuller Desk Co., S. F., 1001.78
 Stewart School Supply Co., Stock-
 ton, Cal., 1001.78
 All bids taken under advisement.

Figures Wanted—Bids To Be Opened
 July 19, at 2 P. M.
SCHOOL Cost, \$25,000
SHAFTER, Kern Co., Cal.
 Four-room brick, steam heated, school
 bldg. (first unit.)
 Owner—Shafter School District.
 Architect—Edward Glass, Underwood
 Bldg., San Francisco.
 Plans obtainable from Asso. Archi-
 tect Thos. Dupes, New Fish Bldg., Bal-
 kersfield.

HAYWARD, Alameda Co., Cal.—A. E.
 Sorenson, 1110 C St., Hayward, is erect-
 ing 15 Spanish style bungalows for
 himself on Smalley Ave. and Castro St.
 to be known as the Melvin Court.

RICHMOND, Contra Costa Co., Cal.
 Dave Martz, San Pablo Ave., Rich-
 mond, will erect for himself three one-
 story frame and stucco bungalows on
 Natoma Avenue and Point Richmond.



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SAND—CRUSHED ROCK—GRAVEL

San Francisco, June 30, 1924.

Dr. A. H. Giannini,
 Commercial Trust Company,
 41st and Broadway Streets,
 New York City.

Dear friend—I am mailing you this letter at four p.m. today at the cor-
 ner of Market and Montgomery Streets, San Francisco, to leave on the first
 mail plane on the one Day Air Mail Service between San Francisco and New
 York City.

I am also mailing you a copy of this letter by regular mail so that you can
 see the difference in time between the two services and see how near New
 York is to San Francisco. You will observe that I did not say how near San
 Francisco was to New York.

Perhaps you would be interested to know that this regular air mail service
 passes over our new crushed rock and washed gravel plant at Prattrock, near
 Folsom in Sacramento County, which we are crushing too boulders and cobbles
 left by the gold dredgers. The regular air mail service has been going over
 our plant for a long time and some times the machines fly so low that the boys
 on the plant salute the mail boys in the planes. As a matter of fact when
 Lieutenant Maughan made his wonderful trip between daylight and dawn from
 New York to San Francisco he flew over our rock plant and the boys saw him
 very plainly.

I am enclosing a clipping from the San Francisco Examiner of Monday,
 June 23rd, 1924, under the heading of "Twenty Years Ago Today." You will
 see that you made the first time of going from San Jose to San Mateo, a dis-
 tance of thirty-one miles, in one hour and twenty minutes. Compare this
 mode of transportation with the speed at which this letter is going to you.
 I remember when I was teaching school down in Tulare County I some-
 times drove as far as twenty-five miles in one day with a horse and buggy
 and it took almost all day to do it.

With kindest regards to your good wife and yourself, I remain

Yours very truly,

CLARENCE SAND PRATT, President.

MANY OF YOU

REMEMBER DR. GIANNINI.

OF THE Bank of Italy.

OF SAN Francisco.

AND ALL California.

HE IS one.

OF THE many men.

FROM SAN Francisco.

THAT WENT to New York.

AND MADE good.

HE DID many favors.

FOR CLARENCE Sand Pratt, President.

OF THE Pratt Building Material Co.

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NOW SANDY has plants.

AT PRATTCO (Monterey County).

AT SACRAMENTO and Marysville.

AND A big rock plant.

AT PRATTROCK, near Folsom.

"I THANK you."



This is the way they traveled in 1849
 past Sandy Pratt's sand, crushed rock
 and washed gravel plants at Prattrock
 (near Folsom), Sacramento and Marys-
 ville.

Plans Being Figured.—Cost, \$16,500
SCHOOL.—Hillsborough Co., Cal.
 One-story, reinforced concrete or natural stone style school bldg.
 Owner—Clark High School District.
 Architect—Tuttle & Tuttle, 357 12th St., Oakland.
NOTE.—For further information see **Official Proposals, this issue.**

Contract Awarded.—Cost, \$16,100
SCHOOL.—Hillsborough Co., Cal.
 Additions to Hillsborough School.
 Owner—Hillsborough School District.
 Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
 Contractor—Coast Constr. Co.

Figures To Be Taken Shortly.—Cost, \$—
BERESFORD.—San Mateo Co., Cal., Date Ave. 2 blocks w. of highway.
 Two-room school building.
 Owner—Beresford School District.
 Architect—Sylvain Schnnaitacher, 233 Post St., San Francisco.

STOCKTON.—San Joaquin, Co., Cal.—Until July 19, 1924, 2 P. M. bids will be rec. by R. E. Pedigo, Clerk of August School District in San Joaquin Co. const. one-story two room frame school bldg., from plans by Archt. Ralph P. Morrell, 41 S Sutter street, Stockton. Cert. check of 10% req. Plans obtainable from architect. (51914)

OJAI. Ventura Co., Cal.—Escherich Bros., 234 W 37th Pl., L. A., were awarded contract at \$36,186 for erecting 2 school buildings at Ojai, Ventura county, for the Augustinian Fathers, Rev. Fr. Howard in charge. Albert C. Martin, 223 Higgins Bldg., archt. Class A construction, 2-story, gypsum tile, tile roof, concrete fls.

OCEANSIDE. San Diego Co., Cal.—T. C. Kistner Co., archts., 616 Pantages Theater Bldg. and 537 Spreckels Bldg., San Diego, is preparing plans for a new high school bldg., to be erected at the Oceanside-Carlsbad high school site for the Oceanside-Carlsbad high school district. Hollow tile walls, 1-story, plaster ext., comp. rfg., gas htg. sys., maple fls.; it will contain assembly hall and several classrms.; \$80,000.

POMONA. L. A. Co., Cal.—William H. Weeks, San Francisco, and Robert H. Orr, 1305 Corporation Bldg., associated archts., are preparing plans for a gymnasium bldg., to be erected at the Pomona high school site, Pomona, for the Pomona High School Board. Erick walls 1-story, comp. rfg., cem. and maple fls., gas htg. sys., wood roof trusses, skylights, water htr., locker rooms, spectators seats, pine trim, etc.; \$50,000. Bids will be advertised about next week.

MARTINEZ. Contra Costa Co., Cal.—C. A. Jeffers, 1002 Estudillo St., has been awarded a contract by M. J. Stein for construction of five modern bungalows with stucco exteriors, to be erected on property located at Pine and Melius streets.

LOS ANGELES. Cal.—Archt. W. L. Riskey, 736 S Flower St., has been commissioned by the board of education to revise plans for the Bellevue Ave. development school for use in erecting bldgs. at Hill St. development school site and at Wadsworth development school site; the bldgs. to cost \$30,000 each.

LAKEPORT. Lake Co., Cal.—Until July 9, 1924, 8 p. m., bids will be rec. by Maud M. Howard, clerk of Clark Lake Union High School Dist., for the following equipment: 1 gas generating machine of capacity to operate 30 burners and 24 hot plates; 24 or more school lockers 60 steel lockers 12x2x60; 550 sq. ft. or more of black board of quality equivalent to Hylo-plate.

REDONDO BEACH. Los Angeles Co., Cal.—L. B. Pemberton, Arcade Bldg., Redondo Beach, is completing plans for an addition to the Central grammar school building at Redondo Beach for the Redondo City School District. It will contain 12 classrooms and gymnasium. Dimensions, 40x70 ft., brick walls, 2-story and basement, tile and composition roofing, plaster and pressed brick facing, gas heating, concrete corridor construction, hardwood trim. The present building will be remodeled. Cost, \$100,000. Bids will be taken soon.

RICHLAND. Kern Co., Cal.—Bids will be rec. until July 10, 1924, 8 p. m., by H. Midgley, clerk of Richland School District, to erect a four classroom school building, toilet buildings, steam heating plant, septic sewerage disposal plant. Plans and specifications may be procured at the office of Architects Glass and Dupes, room 26, New Fish building, Bakersfield.

PORTLAND. Ore.—Contracts awarded for the erection of the Woodrow Wilson and Theodore Roosevelt Schools, according to plans prepared by F. Manson White, architect, Sherlock Bldg., are as follows:

Woodrow Wilson School to A. Lombard of Eugene, \$90,726. Theodore Roosevelt School to Hoover & McNeil, Albany, at \$82,814. Heating—Woodrow Wilson school to Alaska Plumbing & Heating Co., of Portland, at \$1,985; Theodore Roosevelt school to J. F. Shea, Portland, at \$15,670. Plumbing—Both schools to Williams & Gibson, Portland, at \$13,098. Electric Work—Both schools to H. W. White Electric Co., Eugene, at \$668. These awards are for the buildings complete, except for the metal lockers.

RAYMOND. Wash.—Architect Chas. H. Burgergraf, Albany, Ore., has completed plans for a three-story reinforced concrete with stone stucco exterior, \$150,000 high school building to be constructed at Raymond, Wash., for school district No. 36. Bids to be opened at Raymond at 7:30 P. M., July 18.

GRIDLEY. Butte Co., Cal.—Bids will be received July 11, 1924, for supplies for the McKinley and Wilson schools of the Gridley School District for the school year 1924-1925. The list of the same may be secured from the Clerk of the School Board, Mrs. F. L. Bratton.

HANFORD. Kings Co., Cal.—An election will be held July 8, 1924 in the Hanford Grammar School District to vote bonds to the amount of \$26,000.

TUCSON. Pima Co., Ariz.—Until 10 A. M., July 10, bids will be received by the Board of Trustees of the Cortaro school district No. 27, Pima county, for the construction of a grade school building to be erected in Section 26, Twp. 12 S. R. 12 E., on 2½ acres of the Cortaro road track from the Pima Farms Co.'s office. Bids will be received on the work complete. Plans and specifications are on file at the office of the architects, Lyman & Place, 19 N. Second Ave., Tucson. Deposit, \$10. Certified check, 5%. Rose Wheeler, clerk.

REDONDO BEACH. Los Angeles Co., Cal.—Architect Frank Goodwin, 207 W. Main St., Compton, is completing plans for a new school building to be erected in the tract known as the Reservoir tract, the school to be the North School, at Redondo Beach, for the Redondo City School District. It will contain 12-classrooms. Brick walls, 2-story and basement, plaster and pressed brick facing, tile roofing, hardwood trim and floors, gas heating, etc. Cost, \$100,000. The present North School building will be remodeled the work consisting of new hardwood floors, plastering and decorating, new trim. Bids to be taken soon.

SANTA ANA. Los Angeles Co., Cal.—John Simpson & Co., 701 Antonio St., Los Angeles, was awarded contract by the Board of Education at \$77,970 for the general contract for building the 10-room Redondo City School District building at the corner of First and Maple streets. The low bid, that of F. J. Homan, Santa Ana, at \$74,891, was thrown out, as certified check did not accompany bid. F. J. Homan, Santa Ana, is the architect. Ehlen & Dietrich Co., of Orange submitted low bid on heating at \$5298. This bid was taken under advisement. The other bids were:

General—Jules Markel, \$78,474; O. T. Moore, \$78,729; Anton Johnson, \$79,890; R. C. McMillan, \$79,676; Daniels & Farris, \$79,520; Hill & Biard, \$81,500; George A. Barrow, \$81,856; Alfred Pibel, \$87,362; Bowman & Preble, \$90,895.

Heating—George Cocking, \$5411; Munger & Munger, \$5794; Emmerson & Keeler, \$6973; S. Hill & Son, \$6287; Hickman Bros., \$6303.

This building is a one-story reinforced concrete building containing 10 classrooms, library and kindergarten; stucco exterior, tile roof.

HARBOR CITY. Los Angeles Co., Cal.—Chamber of commerce has tentatively selected a site bounded by Weston St., Redondo Blvd. and Walnut St., as location of the proposed new Harbor City high school. George E. Preston and S. M. Law were appointed a committee to confer with the Board of Education.

LOS ANGELES. Cal.—Dan Callahan, Lankershim Bldg., general contractor at \$55,825 for erecting a new bldg. at Utah St. school site; Albert C. Martin, 223 Higgins Bldg., architect. Other contracts were awarded as follows: Plumbing to C. C. Sutton at \$5414; heating and ventilating to Frank Davidson at \$5983; painting to Alhambra Wall Paper & Paint Co., at \$1813, and wiring to American Electric Construction Co. at \$1564.90.



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LONG BEACH, Los Angeles Co., Cal.
—Architects Davies & Baume, 1010 Farmers & Merchants Bank Bldg., Long Beach, Richard M. Bates, L. A. Assoc., have completed plans for the \$500,000 group of junior high school buildings to be erected at the Alexander Hamilton school site bounded by State St., Gundry St. and Alamitos Ave., Long Beach. There will be a 30-classroom academic building, 900-seat auditorium with stage, administration building with offices and teachers' rooms, gymnasium to accommodate 150, manual training, cafeteria and domestic science building. Two-story construction, all connected by arcades. Overall foundation dimensions approximately 350x350 feet, brick walls, face corridor walls, stone exterior, brick corridor and stairs, concrete understructure and stairs, tile roofs, hardwood classroom floors, cement floor in auditorium, steel showers and toilets, 2500 steel lockers, steam heating.

SANTA ROSA, Sonoma Co., Cal.
—Until July 16, 1924, 8 p. m. bids will be rec. by Sara N. Hatch, Clerk of the Board of Education of City of Santa Rosa, for the sale of the present Fremont Grammar School, situated on the corner of North and W. Streets; it being understood that the purchaser is to remove the building from the present premises by October 1st, 1924, and to clear the ground of all debris. Cert. check of 5% required.

RAYMOND, Wash.—Until July 16, 1924, 7:30 P. M. bids will be rec. by Board of Directors of School District No. 3 for const. 3-story reinf. conc. with stone stucco exterior. Chas. H. Burgegraf, architect, Albany. Bids will be received separately on the general work, heating and plumbing.

SANTA ROSA, Sonoma Co., Cal.
Bids will be rec. until July 12, 1924, 8 p. m., by Mrs. R. Hagador, clerk of Bd. of Trustees of Windsor School District, for an addition to the present school building. Plans and spec. obtainable from Architect W. H. Rosenberg Bldg., Santa Rosa, on deposit of \$5. Check for 10% of bids req.

CACHEVILLE, Yolo Co., Cal.—Bids will be rec. until July 20, 1924, 5 p. m., by I. E. Jackson, clerk Cacheville School District, for furniture and school supplies. See copy of call for bids in this issue.

SANTA ROSA, Sonoma Co., Cal.
At a special meeting held by the Bd. of Education of the Santa Clara High School District June 26th, George H. Trask Company was awarded the contract for steel lockers and Thomas Day Electrical Company was awarded the contract for electrical fixtures in connection with the new high school building being erected here according to plans and specifications by Architect W. H. Weeks, 369 Pine St., San Francisco.

PALO ALTO, Santa Clara Co., Cal.
Bids will be rec. by A. C. Barker, secretary of Board of Ed. of Palo Alto, until July 10, 1924, 7:30 p. m. for sheet metal work and plastering for the new elementary school building from plans prepared by Architects Allison and Allison, Hiernian Bldg., Los Angeles, and Birge M. Clark, 600 Embarcadero Rd., Palo Alto. Plans obtainable from architects' offices on \$25 deposit.

PORTLAND, Ore.—Portland on June 21st voted overwhelmingly for a bond issue of \$5,000,000 for a building program for the public schools and a special tax levy of \$750,000 for operating expenses.

The new buildings would be at Oakley Green, Shaver, Sunnyside, Stephens, Ladd, Sellwood, Hosford, Woodlawn and Highland grade schools and a new high school on the west side. Additions would be made to 11 elementary schools as follows: Kennedy, Fernwood, Gregory Heights, Mount Tabor, Woodstock, Maryville, Fulton Park, Capitol Hill, Multnomah, Alameda, Terwilliger, and to seven high schools. Grant, Franklin, Roosevelt, Jefferson, Benson, Washington and Lincoln.

VALLEJO, Solano Co., Cal.—The bid of C. H. Bourne, Vallejo, for repairing the ceiling of the teachers' rest room at the Lincoln school and for lathing and plastering the basement rooms of the school was accepted by the Board of Education. Repairing of the side walks at the school and for plastering the brick was awarded to E. E. Johnston, Vallejo.

GRATTON, Stanislaus Co., Cal.—Bd. of School Trustees of the Gratton School District, Stanislaus County, Cal. will receive bids for the construction of a school room and tank house remodel at the present school building. Plans and specifications and proposal sheet may be obtained from the Architect, G. N. Hilburn, Sierra Building, Turlock, Cal. or from the Clerk of the Board, A. T. Blizzard, Route 1, Box 84B, Denair. Certified check for 10% req. A. T. Blizzard is clerk.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, \$23,500
SACRAMENTO, Cal. No. 2144 Folsom Blvd.
Two-story brick store building.
Owner—J. J. Jacobs, 1500 K St., Sacramento.
Architect—None.
Contractor—W. C. Keating, 40th and J Sts., Sacramento.

Contract Awarded.
STORE BLDG. Cost, \$11,985
SAN RAMENTO, Cal. S 40th ft. Lot 1571 and all Lot 1572 W. & K. Tract 24.
One-story brick store building.
Owner—Wm. S. Hart, 2199 3rd Ave., Sacramento.
Architect—None.
Contractor—W. L. Chatterton, 1032 42nd St., Sacramento.

Contract Awarded.
ALTERATIONS. Cost, \$11,424
SAN FRANCISCO. No. 27 Geary St. 7th floor.
General remodeling of store building.
Owner—Itdio Corporation of America 300 California St., San Francisco.
Architect—Jos. J. Rankin, 1937 Broadway, San Francisco.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$31,842
OAKLAND, Alameda Co., Cal. NE Cor. Madison and Eleventh Sts.
One-story brick and concrete store building.
Owner—C. C. Gilson, 651 Santa Ray St., Oakland.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—J. H. Gordon & Vezey, 357 12th St., Oakland.

Planned.
STORE & OFFICE Cost, \$26,000
RICHMOND, San Pablo Ave.
Two-story brick store and office bldg.
Owner—J. A. Bishop.

Contract Awarded.
ALTERATIONS. Cost, \$15,000
SAN FRANCISCO, 912 918 Market St.
Remove present store fronts, construct new fronts and balcony at front and rear of store.
Owner—Owl Drug Co., 611 Mission St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Oliver Duval & Son, 216 Dalziel Bldg., Oakland.

Plans Complete.
ALTERATIONS. Cost, \$10,000
SAN FRANCISCO, 11 Steuart St.
Alterations, remove wood floor, build new concrete vault, new steel stairs, etc.
Owner—Anchor Chain Safe Deposit Co., 11 Steuart, San Francisco.
Architect—H. H. Winner Co., 305 Sharon Bldg., San Francisco.

Figures To Be Taken Next Week.
ALTERATIONS. Cost, \$2000
SAN FRANCISCO, Columbus near Bway
Alterations to store front.
Owner—Mr. McGinnis.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Being Completed.
ALTERATIONS ETC. Cost, \$25,000
SAN FRANCISCO, NE Corner Post and Kearny.
Alterations, repairs and interior decorations to building.
Owner—Dr. T. E. Schumate, 86 Post St., San Francisco.
Architect—J. S. Gottschalk, Phelan Bldg., San Francisco.
Lessee—Paul T. Carroll.

Plans Complete.
OAKLAND, 157-159 Montecito Avenue, Oakland, Alterations to building.
Owner—Frederick Henning, Hayward.
Designer—Geo. O'Brien, Bacon Bldg., Oakland.

Contract Awarded.
LOFT BLDG. Cost, \$16,000
ALAMEDA, Alameda Co., Cal. No. 1330 Pa. St.
Two-story loft building.
Owner—Greta Postel, Premises.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda.

Plans Being Figured.
AUTO BLDG. Cost, \$15,000
FRESNO, Fresno Co., Cal.
One-story brick store (auto tire agency), brick exterior finish and composition roof.
Owner—Iverson & Carlton.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

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Builders,
Engineers,
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Checks
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if you have a

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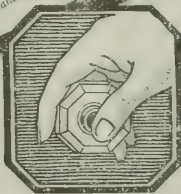
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WANTED

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in the knob
to unlock
just turn the
knob**

THE SCHLAGE COMPANY, MFRS.
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specify
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BUTTON-LOCK

PATENTED

Sub Contract Awarded.
PLUMBING ETC. Cost, \$36,226
STOCKTON, Commercial & Savings Bk.
 Building.
 Complete plumbing etc. for bank bldg.
 Owner—Commercial & Savings Bk. of
 Stockton.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.
 Engineer—C. H. Snyder, 251 Kearny St.
 San Francisco.
 Construction Mfrs. — Lewis & Green,
 Commercial Bank Bldg., Stockton.
 Contractor—Harry L. Pahl & E. G.
 Whitney, 33 S Sutter, Stockton.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$1,250,000
SAN FRANCISCO, NE Post and Mason
Streets.
 Fifteen-story Class A Physicians and
 Dentists office building.
 Owner—Medico-Dental Building Cptn.
 Architect—Geo. W. Kelham, Sharon
 Bldg., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg.
 San Francisco.
 Contractor—Geo. Wagner, 251 Kearny
 St., San Francisco.
Marble work to The Elsie & Dondero
Marble Co., 2495 3rd St., S. F.
 As previously reported, elevators
 were awarded to Otis Elevator Co., 2300
 Stockton St., S. F.; ornamental terra
 cotta and roofing to Gladding, McBean
 & Co., Crocker Bldg., S. F.; steel con-
 tract to The Moore Dry Dock Co., Balboa
 Bldg.; and plumbing, heating, ventila-
 ting and wiring to The Turner Co.,
 at \$192,000.

Contract Awarded.
STORE & OFFICE Cost, \$50,000
OAKLAND, Franklin bet. 14th and 15th
Streets.
 Owner—East Bay Title Ins. Bldg.
 Architect—W. H. Crim Jr. and Hamil-
 ton Murdock, 425 Kearny St., San
 Francisco.
 Contractor—John N. Bartlett 425 Kear-
 ny St., San Francisco.

Date of Opening of Bids Extended Un-
 til July 10, 1924.
STORE & OFFICE Cost, \$60,000
PALO ALTO, Santa Clara Co., Cal.
 Two-story reinforced concrete store
 and office bldg. (9 offices on 2nd
 floor).
 Owner—Fraser Drygoods Co., Palo
 Alto.
 Architect—Birge M. Clark, 600 Em-
 barcadero, Palo Alto.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$1,250,000
SAN FRANCISCO, NE Post and Mason
Streets.
 Fifteen-story class A Physicians and
 Dentists office building.
 Owner—Medico-Dental Building Cptn.
 Architect—Geo. W. Kelham, Sharon
 Bldg., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg
 San Francisco.
 Contractor—Geo. Wagner, 251 Kearny
 St., San Francisco.
Plumbing awarded to J. Gibbs & Sons
1706 Geary St., at \$3789.
Papering, painting & tinting to M.
Cohn & Co., 1036 Golden Gate Ave.,
at \$4470.

Glass and glazing to Crowe Glass Co.,
574 Eddy St., at \$16,215.
 As previously reported, the plumbing
 heating, ventilating and wiring was
 awarded to The Turner Co., at \$192,-
 000; elevators to Otis Elevator Co., 2300
 Stockton St., S. F.; ornamental terra
 cotta and roofing to Gladding, McBean
 & Co., Crocker Bldg., S. F.; and steel to
 the Moore Dry Dock Co., Balboa Bldg.,
 San Francisco.

Contract Awarded.
ADDITION Cost, \$750,000 approx.
SAN FRANCISCO, N. Market St. between
Grant Ave. and Kearny St.
 12-story class A addition to Central
 Exchange and office building.
 Owner—Pacific Telephone & Telegraph
 Company.
 Architect—Bliss & Faville, Balboa
 Bldg., San Francisco.
 Contractor—Dinwiddie Construction Co.
 Crocker Bldg., San Francisco.
Grading awarded to Sibley Grading &
Teaming Co., 156 Landers St.
 As previously reported, steel was
 awarded to Dyer Bros., 1950 17th St.,
 San Francisco at \$205,000.

Contract Awarded.
BUILDING Cost, \$24,866
SAN FRANCISCO, NE 15th & Guerrero
 All work except light fixtures, wall
 beds, shades, for 3-story and base-
 ment frame building.
 Owner—E. J. & Margaret O'Hara, 366-A
 19th St., San Francisco.
 Contractor—C. Olson, 570 Guerrero St.,
 San Francisco.

Contract Awarded.
ALTERATIONS Cost, \$10,650
OAKLAND, W Lakeshore Ave. 75 N
Hand Ave.
 Alterations and additions to building.
 Owner—D. T. Nish, 3337 Kingsley Ave.
 Oakland.
 Contractor—Beadell & Lane, 901 Spruce
 St., Berkeley.

Contract Awarded.
BUILDING Cost, \$18,000
SAN FRANCISCO, S Bryant west of
5th.
 One-story and mezzanine concrete bldg.
 Owner—Walter H. Sullivan, San Fran-
 cisco.
 Designer & Lessee—Monawk Rubber Co.
 Inc.
 Contractor—James Hjul, 128 Russ Bldg
 San Francisco.

STORE BLDG. Cost, \$15,000
PITTSBURGH, Contra Costa Co., Cal.,
Railroad St. bet. 4th and 5th.
 Owner—James Fitzgerald, Pittsburg,
 Cal.
 Architect—A. W. Cornelius, Merchants
 Natl. Bank Bldg., San Francisco.

Contract Awarded.
STORE & APTS. Cost, \$35,000
BERKELEY, NE Cor. Grove & Univer-
sity & 1935-37-39-41-43 Grove St.
 Store and apartment building (6 stores
 and 6 apts.)
 Owner—F. E. Raine, 418 Newton Ave.,
 Oakland.
 Architect—Hutchison and Mills, 1214
 Webster St., Oakland.
 Contractor—F. R. Wilson, 3057 Ben-
 venue Ave., Berkeley.

Contract Awarded
STORE BLDG. Cost, \$10,000
SAN FRANCISCO, Monterey Blvd. bet.
Foster and Tennessee Sts.
 One-story frame store bldg.
 Owner—E. Mohr & Sons, Pacific Bldg.,
 San Francisco.
 Contractor—Galline Bros.
 (51067) 1st report May 22, 1924; 2nd
 report June 9, 1924.

Contract Awarded.
ADDITION Cost, \$26,000
SACRAMENTO, 3340 3rd Ave.
 Two-story brick addition to building.
 Owner—Ignacio Lewis.
 Contractor—F. Betz, Ochsenr Bldg.,
 Sacramento.

Contract Awarded.
BUILDING Cost, \$35,000
SAN FRANCISCO, Harrison S of Mar-
posa.
 Three-story and basement reinforced
 concrete building.
 Owner—Louis R. Lurie.
 Architect—O'Brien Bros., 315 Montgom-
 ery St., San Francisco.
 Lessee—Calif. Magnacrete Shingle Co.

Plans Being Figured
STORE & OFFICE Cost, \$15,000
SAN FRANCISCO, Mission 50 ft. S of
33rd.
 Two-story and basement reinforced
 concrete store and office building.
 Owner—R. W. Gillogley, 57 Post St.,
 San Francisco.
 Architect—Baumann & Jose, 215 Kear-
 ny St., San Francisco.

Plans Being Prepared.
EATERY & OFFICE Cost, \$110,000
SACRAMENTO, 15th and R Streets.
 Two-story reinforced concrete bakery
 and office building.
 Owner—Perfection Bread Co.
 Architect—Leonard F. Starks, Ochsenr
 Bldg., Sacramento.

Plans Complete.
RESTAURANT Cost, \$10,000
SAN MATEO, 3rd Ave.
 One-story and mez. reinforced concrete
 restaurant.
 Owner—Norah's Cafe.
 Architect—Morrow & Garren, Chronicle
 Bldg., San Francisco.

Contracts Awarded.
BANK & STORE Cost, \$30,000
SANTA CLARA, Cal. Washington and
Franklin Sts.
 One-story Mission style reinforced con-
 crete bank and store building.
 Owner—Mercantile Trust Co.
 Architect—C. L. Lansburg, 146 Mont-
 gomery St., San Francisco,
 (50593) 1st report May 12, 1924; 2nd
 report June 3, 1924. 16
Brick—Geo. W. Jacobson, 2680 Bush
 St., S. F.

Carpentry—Jorgensen & Cook 193 N
 5th St., San Jose.

Plans Being Figured.
STEEL & OFFICE Cost, \$40,000
SAN FRANCISCO, SE Cor. 23rd and
Mission Sts.
 Two-story and basement reinforced
 concrete store and office building.
 Owner—H. W. Gillogley, 57 Post St.,
 San Francisco.
 Architect—Baumann & Jose, 215 Kear-
 ny St., San Francisco.

LOS ANGELES, Cal. — Archt. John
Kunst, 511 Roberts Bldg., is preparing
plans for a brick store bldg. to be
erected at n.w. cor. Vermont at Mon-
eta Aves., in Downtown. It will
 contain stores and large L-shaped
 market on first floor and will have a
 full basement. Brick walls, 1-story
 and basement, 100x100 ft., comp.
 press. brick facing, enam. brick and
 terra cotta facing, cement and wood
 fls., metal skylights, plate and maze
 glass, roof ventilators, struc. beams &
 columns, pine trim, hardwood bulkheads,
 metal store fronts.

SAN BERNARDINO, San Bernardino
Co., Cal.—C. B. Phillips, promoter of
the Antlers hotel on E. 4th, S. of the Hotel
Street, is preparing plans for a two-story
building to be erected at the corner of
the plans to have construction started by
the end of July. The bldg. will be 6-sto.
130x150 ft., with stores and lobby on
the ground floor, and 150 rooms above.
 Cost, about \$200,000.

SANTA ROSA, Sonoma Co., Cal. —
The Santa Rosa Coffee Club has had
plans prepared for a two-story rein-
forced concrete building on Mendocino
Ave., adjoining the Crown Machine
Works. Cost estimated at \$15,000. Plans
are ready for figures.

SACRAMENTO, Sacramento Co., Cal.
—Henry Nardinella, Sacramento, will
shortly start construction on his one-
story brick store building on J St., bet.
36th and 37th Sts. It will contain four
stores.

LOS ANGELES, Los Angeles Co., Cal.
—Architects Morgan, Wells & Cle-
ments, 1124 Fair Nuits Bldg., are pre-
paring plans for a temporary store
and bank building to be erected at the
northwest corner of Ninth and Hill
streets for the Pacific National Bank.
 The construction of a 12-story Class A
 building will be deferred. The build-
 ing to be erected at present will con-
 tain a banking room, 60x130 ft., and 8
 stores, with plate glass in the rear.
 The site is 95x224 ft.; brick walls,
 stucco and cast stone exterior, plate
 glass, steel beams, composition roof-
 ing, wrought iron, quarry tile and ce-
 ment floors, bank fixtures, marble and
 tile work.

FRESNO, Fresno Co., Cal.—Archts.
Swartz & Ryland, Fresno, have com-
pleted plans for a bldg., 55x35 ft., to
be erected on Van Ness Ave., bet. Stan-
islaus and Tuolumne Sts., for Iverson
and Carleton, tire sales agents. Exter-
ior has started. Pressed brick exte-
rior, stone trim, rolling steel door,
cork comp. tile floor. Est. cost \$65,000.
 Other contracts will be let at once.

LONG BEACH, Los Angeles Co., Cal.
—Parker O. Wright and Francis H.
Gentry, architect and engineers, 315
Marine Bank Bldg., Long Beach, are
preparing plans for a one-story build-
ing to contain a branch post office to be
erected at 7th St. and Redondo Ave.,
Long Beach, for the Marine Trust &
Savings Bank. Long Beach, Founda-
tion, 62x98 feet, brick construction, face
brick, terra cotta and plate glass ex-
terior, tile floor in banking room, ce-
ment floors in remaining space, com-
position roof, skylights.

LONG BEACH, Los Angeles Co., Cal.—William C. Babb, building contractor, 2102 E. Ocean Blvd., Long Beach, is preparing to demolish the eastern of a 2 or 3-story building on a 90-year leased site at the northeast alley corner of Pine Ave. between 12th Street and First St., Long Beach. If sufficient tenants are obtained a 12-story building will be erected. Site, 30x150 ft.

ALHAMBRA, L. A. Co., Cal.—Los Angeles Bldg. and Contr. Co., 312 Marsh-Strong Bldg., has been awarded the general contract at about \$84,000 to erect a new telephone bldg. at Alhambra for the Pacific Telephone and Telegraph Co.; constr. engr., Mr. Morrison, rm. 508, 740 S. Olive St. Reinf. conc. and steel constr., 3-story and basement, 50 by 88 ft., comp. rfg., cement fls., hollow metal windows, steam htg. sys., metal lath, pine trim, press. brick facing. Plans by the owner.

LOS ANGELES, Cal.—Arch. John M. Cooper, 321 Marsh-Strong Bldg., is preparing plans for a 12-story class A loft bldg. to be erected on Santee St., bet. 8th and 9th Sts. for A. A. Maxfield. Reinf. conc. constr., 12x90 ft., plaster ext., cement fls., comp. rfg., metal skylights, steel sash, 3 elec. elevators, plate glass, basement, steam htg. sys., ornarn. iron work, toilets; \$225,000.

SAN FRANCISCO—Bids will be rec. until July 7 by Mr. Mahoney of the Purchasing Department of the Pacific Gas & Electric Company for 17 steel vault doors to be installed in the new building at Beale and Market Streets, San Francisco.

THEATRES

OCEAN PARK, L. A. Co., Cal.—Work has started on the new Rosemary theater betw. Navy and Marine Sts., Ocean Park, under the superintendence of Thomas Gable. The bldg., which is being erected for the Raymond Amusement Co. (Leroy R. Raymond, pres.) will be a class A reinf. conc. construction, with an 18-ft. pile-driven retaining wall. The conc. retaining walls will be sunk to a depth of about 3 ft. in the sand. The site, 145x145, has been leased for a long term from the Lick Pier Co.

ROSEVILLE, Placer Co., Cal.—F. L. Farlow and Ira Gordon of Roseville have had plans prepared for the construction of a brick theatre building they plan to erect on Vernon street. The structure will be 55x135 ft. with seating capacity of 1200 and is estimated to cost \$40,000. Plans are ready for figures.

MISCELLANEOUS BUILDING CONSTRUCTION

CULVER CITY, Los Angeles Co., Cal.—Metro Pictures Corp., owner of House Moving Co., contractor; all labor and material for moving two stage buildings (stages 3 and 4) now at NE corner Cole and Willoughby Aves. to

new site of Metro-Goldwyn-Mayer Studios, at or near Culver City. Limit not stated. Amount, \$36,700; payments, \$1,000 cash when buildings have been dismantled and delivered to new site and foundations completed; \$15,000 when frames have been re-erected and roofed; \$11,700 all work completed. Bond to labor and material, \$18,350; surety, Fidelity & Deposit Co. of Md. Dated June 21. Filed without plans or specifications June 24.

SACRAMENTO, Sacramento Co., Cal.—The East Lawn Cemetery Association Folsom Blvd., Sacramento, have awarded a contract to Robert Talmer, Fresno, for the construction of a large concrete mausoleum to be erected in East Lawn Cemetery at a cost of approx. \$400,000. It will contain approx. 400 crypts.

LONG BEACH, L. A. Co., Cal.—Until 10 a. m., July 29, bids will be received by City Manager Windham, Long Beach, for erecting a reinf. conc. municipal garbage incinerating plant on W 15th St. near the flood control channel, Long Beach. \$125,000 in bonds voted. R. D. Van Alstine, city engr.

NEWPORT BEACH, Orange Co., Cal. Victor T. Watkins, representing the W. S. Spar interest of Los Angeles, have petitioned the city trustees to abandon certain streets and alleys on Balboa Palisades, where it is proposed to establish a large amusement project, including a bath house costing \$20,000; a clubhouse, and a pavilion. Est. cost of buildings, \$250,000.

One Hundred and Thirteenth Half Yearly Report

The San Francisco Savings and Loan Society

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 CALIFORNIA STREET, SAN FRANCISCO, CALIFORNIA

JUNE 30th, 1924

Assets—

United States Bonds and Notes, State, Municipal and Other Bonds and Securities (total value \$25,184,661.75) standing on books at.....	\$23,156,351.53
Loans on Real Estate, secured by first mortgages.....	60,512,097.36
Loans on Bonds and Stocks and other Securities.....	1,381,051.01
Bank Buildings and Lots, main and branch offices (value \$1,550,000.00), standing on books at.....	1.00
Other Real Estate (value \$50,000.00), standing on books at.....	1.00
Employees' Pension Fund (value \$446,024.41) standing on books at.....	1.00
Cash on hand and checks on Federal Reserve and other banks.....	8,148,724.06
Total.....	\$93,198,226.96

Liabilities—

Due Depositors.....	\$89,298,226.96
Capital Stock actually paid up.....	1,000,000.00
Reserve and Contingent Funds.....	2,900,000.00
Total.....	\$93,198,226.96

GEO. TOURNY, *President*

A. H. MULLER, *Secretary*.

Subscribed and sworn to before me this 30th day of June, 1924.

[SEAL] CHAS. F. DUISENBERG, Notary Public.

A Dividend to Depositors of FOUR AND ONE-QUARTER (4¼) per cent per annum was declared, Interest COMPUTED MONTHLY and COMPOUNDED QUARTERLY,

AND WHICH MAY BE WITHDRAWN QUARTERLY

Deposits made on or before July 10th, 1924, will earn interest from July 1st, 1924.

Official Proposals

BIDS WANTED FOR GYMNASIUM

NOTICE TO CONTRACTORS

Under and by virtue of the provisions of Section 1612 of the Political Code of the State of California, the Board of Trustees of the Ukiah Union High School District hereby calls for written and sealed bids for the construction of a gymnasium building, including all materials and labor and the provision of a surety bond, all according to the plans and specifications of said building which have heretofore been adopted by said board and approved by the County Superintendent of Schools of the County of Mendocino, State of California. Copies of said plans and specifications may be obtained from Wm. Bromley at the Savings Bank of Mendocino County, at Ukiah, California, or from Tuttle & Tuttle, 357 Twelfth Street, Oakland, California.

Said bids are to be in the hands of said William Bromley as secretary of said board at said bank building not later than **July 11, 1924, at 3 P. M. o'clock** of said day, and said bids will be opened by said board at said place at **3:30 P. M.** of said day.

The said board reserves the right to reject any and all bids.
UKIAH UNION HIGH SCHOOL DIST.
By William Bromley, as Secretary of said Board.

BIDS WANTED FOR ENTRANCE CHANGES OAKLAND P. O.

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., June 23, 1924—SEALED PROPOSALS will be received and opened in this office at 3 P. M., July 21, 1924, for furnishing the materials and labor required for changes at Side Entrance at the U. S. Post Office, Oakland, Calif. Drawings and specifications may be obtained from the Custodian or at the office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR SCHOOL FURNITURE AND SUPPLIES

NOTICE OF BID

The trustees of the Cacheville School District will receive sealed bids for school supplies and furniture until **5 p. m., Monday, July 20, 1924.** Bids must be complete, and mailed to J. E. Jackson, Clerk, Cacheville School District, Yolo, California, marked "Bid for School Supplies and Furniture." The trustees of said District reserve the right to reject any and all bids.

By J. E. JACKSON, Clerk
Cacheville School District.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned until **2:00 P. M., July 16, 1924,** for constructing a portion of the State Highway System in Washoe County, between Nevada-California State Line and two miles East of Verdi.

Work consists of grading and construction of culverts.

Plans may be examined, and form of proposal, contract and specifications secured at the office of the undersigned; may also be examined at County Clerk's office in Reno, the Division Engineer's office in Las Vegas, Reno or Elko, and District Office of the Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen Dollars (\$15.00) with the undersigned required for copy of plans, which will be refunded on their

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

return in good condition, provided, that they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5 per cent of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the contract and specifications. Right is reserved to reject any or all bids.

GEORGE W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

BIDS WANTED FOR SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that the Board of Trustees of the Figarden School District of the County of Fresno, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of an Elementary School Building, including works, according to plans and specifications prepared for same by the Ernest J. Kump Company, architects, of the City of Fresno, architects, of Fresno, and in strict accordance with segregated bids and alternate bids asked for in specifications.

Said sealed bids will be received up to and including **2 P. M. of the 10th day of July, 1924,** by the undersigned Clerk of the Board at the Town of Figarden, County of Fresno, State of California.

Said sealed bids must be accompanied by a certified check in a sum equal to at least 10% (ten per cent) of the amount of bid to do the work of the mentioned and made payable to the undersigned clerk of the board as a guarantee that the bidder will execute proper contracts and bonds in case the contract is awarded to him by reason of his or their bid.

Plans and specifications are on file with the undersigned clerk of the board, and additional copies may be obtained at the offices of W. F. Jennings, building manager, No. 819 Mattei Bldg., Fresno, Cal.

All bids must be made out on blank forms furnished by the building manager.

The successful bidder will have to give a satisfactory bond in the sum of 50% covering labor and materials, and an additional 25% bond for faithful performance, as fully set forth in specifications.

The Board of Trustees, as owners, reserve the right to reject any or all bids or alternate bids or any part of parts of any bids or alternates received and to waive any informality in any bids or alternates received.

All bids to be addressed to Mrs. Blanche Allison, Clerk of the Board of Trustees of Figarden School District, County of Fresno, State of California.

By order of said Board of Trustees,
MRS. BLANCHE ALLISON,
Clerk.

PROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock p. m., on July 28, 1924,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

San Mateo County, between South San Francisco and Broadway Station (IV-S.M.-68-B), about five and two-tenths (5.2) miles in length to be graded.

The roadway embankment is to be constructed by one of the following methods:

(1) Retaining levees constructed of side borrow material, and the space between the dykes filled with material pumped in from borrow pits located in tide water.

(2) Embankment constructed of material obtained from side borrow.

(3) Embankment to be constructed of material hauled in from Belle Air Island.

Either concrete or timber structures are to be constructed through and under the roadway and the contractor reserves the right to award a separate contract for the construction of the structures under the roadway.

Plans may be seen and forms of proposal, contract, and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the Division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full direc-

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-3-3

General Listing Bureau

Architect's Preliminary Estimates

tions as to bidding, quantities of work to be done, etc.
The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HAKVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. Morion,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated June 30, 1924.

BIDS WANTED FOR BRIDGES

NOTICE TO CONTRACTORS

Sealed bids will be received up to 11 o'clock a. m., on Wednesday, July 9, 1924, at room 335, Forum Building, Sacramento, Calif., and then publicly opened by the reclamation board, for the construction of seven timber highway bridges across the borrow pits of the east and west levees of the Sutter by-pass, and the north and south levees of the Tisdale by-pass, in Sutter county, California.

The aggregate length of the seven bridges is 1072 feet and the width 18 feet, except one bridge which has a width of 20 feet. They consist of an aggregate of 62 spans of 17 and 19 feet each, supported by four-pile bents.

Payment will be made either in cash or warrants of the Sacramento and San Joaquin drainage district against Sutter Butte by-pass project No. 6 as determined by the board upon award of contract. Bidder will state his price either in cash or warrants, or both, and accompany his bid with a certified check in the amount of ten per cent (10%) of his total cash bid. Bids shall be submitted on blank form to be furnished by this board.

Work must be commenced by August 15, 1924, and completed by October 15, 1924.

A bond in one-half the amount of the total contract price must be filed by contractor before commencement of work, together with a second bond in the same amount for material men, said bonds to be approved by said board.

The board reserves the right to reject any and all bids.

For further information and specification apply office of the reclamation board.

THE RECLAMATION BOARD OF
THE STATE OF CALIFORNIA.
By F. R. Pierce, Assistant Secy.

NOTICE TO CONTRACTORS

(South San Joaquin Irrigation Dist.)

NOTICE IS HEREBY GIVEN THAT sealed proposals or bids will be received by the Board of Directors of the South San Joaquin Irrigation District,

at their office in the City of Manteca, County of San Joaquin, State of California, up to the hour of 11 o'clock A. M., on Tuesday, the 15th day of July, 1924, for the placing of concrete lining on certain portions of the Canals of said District.

This work is located on Laterals Q, R, T, Ta, Tb, V, W, and X of said District and comprises grading and shaping for and pouring 3,000,000 square feet more or less of Concrete lining (the District to furnish cement only f. o. b., cars at railroad switch convenient to location of said work, the Contractor to furnish all other materials necessary for said work.)

Copies of Specifications, General Plans and Forms of Bids may be seen and further information obtained at the office of the Board of Directors of said District.

Each bidder will be required to deposit with his proposal in the office of said Directors (as security for the execution by him (if his bid is accepted) of the Contract and the giving by him of the required bonds within fifteen days after due notice of the acceptance of his bid) a certified check payable to D. O. Castle, President of the South San Joaquin Irrigation District, for an amount equal to 10 per cent of the estimated proposed contract price.

The bidder who wins the contract is awarded will be required to give an approved bond, with two approved sureties or of an approved Surety Company for 25 per cent of his contract conditioned for the faithful performance and completion of the contract, in addition to the bond required by the general law.

Work shall be done under the direction and to the satisfaction of the Engineer of said District and approved by the Board of Directors.

Contract will be awarded to the lowest responsible bidder, or if considered by the Directors for the interest of the District, any and all bids may be rejected.

The contract must be completed within the time specified in the plans and Specifications.

Done by the order of the Board of Directors of the South San Joaquin Irrigation District this 17th day of June, 1924.

D. O. CASTLE,

President.

S. L. STEELE,
Secretary of the South San Joaquin
Irrigation District.
(SEAL)

BIDS WANTED FOR STOCKTON MEMORIAL CIVIC AUDITORIUM

(AMENDED SPECIFICATIONS)

Sealed bids will be received at the office of the City Clerk of the City of Stockton in the annex to the "Hotel

Stockton," northeast corner of El Dorado Street and Weber Avenue, up to 8:00 P. M., on the 9th day of July, 1924, for labor and materials for the furnishing and erection of a Memorial Civic Auditorium, to be built on Block No. 28, West of Center Street in the City of Stockton, State of California.

Bids on the building will be segregated as follows:

- (1) For all the structural steel erected in the building.
- (2) General contract for all work except the structural steel, plumbing, heating and ventilation, and the electrical work.
- (3) Plumbing, heating and ventilation.
- (4) Electrical work.

Plans and Specifications as amended may be seen at the office of Glenn Allen, No. 41 South Sutter Street, or Wright & Satterlee, Bank of Italy Building, Stockton, California, upon deposit of Fifty Dollars (\$50.00) for one (1) divisional set.

Deposit will be refunded upon the return of the Plans and Specifications upon the date specified, accompanied by a bona fide bid and certified check, in the amount hereinafter provided for.

Upon receipt of Plans and Specifications, as amended, contractor shall immediately examine and determine if they wish to bid. If not, the Plans and Specifications, as amended, must be returned to the architects within five (5) days of receipt of same. Contractor not returning Plans and specifications within this time or putting in a bona fide bid, accompanied by certified check, will forfeit his deposit on Plans and Specifications.

All bids to be upon forms furnished by the architects and all bids must be accompanied by a certified check in the amount of ten per cent (10%) of the amount of the aggregate bid, made payable to the City Auditor of the City of Stockton, (bidders bond will not be accepted) to secure the execution of the contract and bonds of the successful bidder.

The City Council reserves the right to reject any or all bids.

Dated: June 23rd, 1924.

A. L. BANKS,

City Clerk of the City of Stockton.

ADDENDUM BY CITY CLERK

(Not part of official call)

It is suggested that bidders endorse on envelopes or containers of tenders, their names and addresses; together with a clear notation that the same is a bid.

A. L. BANKS,

City Clerk of the City of Stockton.

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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$5.00 (Remittance must accompany order)

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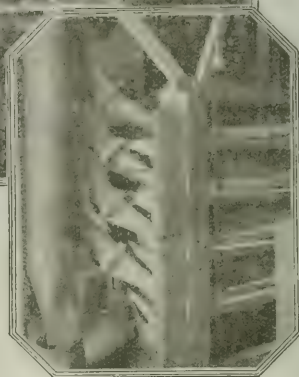


BILTMORE HOTEL, LOS ANGELES
SCHULTZE & WEAVER, Architects

Twenty-six Tons of PIONEER WHITE LEAD

were used on the magnificent
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That Pioneer White Lead was specified and used on this magnificent hotel is merely another instance which emphasizes the high esteem in which this product is held by prominent architects.



The patented vacuum cleaning device shown here is just one reason why Pioneer White Lead is always whiter than other Old Dutch Process White Leads. This device is an exclusive Fuller feature, and insures even the finest particles of impurities being removed.

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Engineering News Section

BRIDGES

MARYSVILLE, Yuba Co., Cal.—Noble Bros. awarded contract at \$26,500, or \$2,400 per yd., by Yuba Co. Bd. of Sup. for widening Parks Bar Bridge. Other bids were:

Dayton & Nielsen, \$30,926, or \$31 per yard for concrete work; Skeel & Hudson, \$41,000, or \$25 per yard and McDaniel & Barrington, \$28,889, or \$21 per yard.

LONGVIEW, Wash.—Bids are being taken for the construction of 44 trestle bridges on the Longview, Portland right-of-way between Longview and Okanogan. E. N. Lantry, dock and bridge engineer for the railway. These will include the two bridges over the Cowitz river at Castle Rock.

PORTLAND, Ore.—Oregon Highway Commission opens bids on June 26, and awarded contracts as follows:

Benton County—Bridge over Digger Creek on the Alsea Highway near Alsea. J. W. Sailer, Portland, \$14,655.00. Lindstrom & Feigenson, Portland, 15,809.50.

Clatsop County—Bridge over Rock Creek and a bridge over Juniper Canyon near Olex on the John Day Highway.

Lindstrom & Feigenson, Portland, 9,311. O. N. Pierce & Co., Portland, 10,646.

Wasco County—Bridge over Fifteenmile Creek in the town of Dufur on the Dalles-California Highway.

J. D. Tobin, Portland, \$6492.50. Lindstrom & Feigenson, Portland, 6930.00.

C. J. Montez Co., Portland, \$511.50. O. N. Pierce & Co., Portland, \$555.00. Awarded to J. D. Tobin.

SACRAMENTO, Sacramento Co., Cal.—State Reclamation Board will rec. bids July 9, 1924, 11 a. m., for Forum Bldg., Sacramento, for the construction of seven timber highway bridges across the borrow pits of the East and West levees of the Sutter Bypass, and the North and South levees of the Tisdale By-pass, in Sutter County. The aggregate length of the seven bridges is 1072 feet and the width 18 feet, except one bridge which has a width of 20 feet. They consist of an aggregate of 62 spans of 17 and 19 feet each, supported by 4-pile bents. Plans and spec. obtainable from above office.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN DIEGO, San Diego Co., Cal.—Included in the \$4,475,000 bond issue to be voted on at election Sept. 10, \$225,000 is to be expended for completing pier No. 2 and \$225,000 for dredging south of Market St.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Ord. of Inten. adopted by city council to construct ornamental lighting systems complete in the following streets:

Stanley Ave., bet. Hollywood Blvd. and 7165 ft. south, involving 7 conc. posts.

Rimban Blvd. bet. Wilshire Blvd. and Pico St., involving 78 conc. posts.

24th St., bet. Hoover St. and Vermont Ave., involving 42 pressed steel ornamental lighting posts.

Windsor Blvd., bet. Beverly Blvd. and First St., involving 10 conc. posts; 1911 act.

REDONDO, Los Angeles Co., Cal.—H. Reld & Co., 115 Mission St., San Francisco, submitted low bid to city trustees at \$95,900 for constructing ornamental lighting system on Catalina Ave., Esplanade and Opal St., involving 343 lighting posts complete. Other bids were: J. E. Riddle, \$97,000; C. W. Sparks, \$98,475; H. H. Walker, \$107,221.

WHITTIER, L. A. Co., Cal.—City trustees have adopted plans and spec. for the new lighting system for Greenleaf Ave. Metal posts were selected.

HILMAR, Merced Co., Cal.—Until July 22, 1924, 10 A. M., bids will be received by E. J. Thornton, County Clerk, in Merced for the installation of lighting system and the furnishing of lights in the Hilmar Lighting District, said lights to be as follows, to-wit:

4 300-watt, 3 200-watt and 1 100-C. P. lamps. W. E. Bedesen is County Surveyor.

MANTECA, San Joaquin Co., Cal.—Until July 22, 1924, 11 a. m., bids will be rec. by Board of Directors of South San Joaquin Irrigation District in Manteca for placing lining on certain portions of canals of district. Work comprises grading and shaping for and pouring 3,000,000 square feet, more or less, of lining. Plans, spec. etc. obtainable from office of directors. Cert. check 10% req. S. L. Steele, secretary. D. O. Castle, president.

CHICO, Butte Co., Cal.—Until July 8, 1924, 8 p. m., bids will be rec. by Ira R. Morrison, City Clerk of Chico, to imp. Main St., from Fifth to Little Chico Creek; Broadway from Fifth to Ninth St. and Oroville ave. from Eighth St. to Little Chico Creek, by const. fluted steel electrolier standards on hyd. conc. sub-bases, inst. transformers, tie rods, lead gaskets, anchor rods, feed wires and connections, hyd. conc. "guards" under Res. No. 35-A. Cert. check of 10% req. E. M. Ennis is city engineer.

MACHINERY AND EQUIPMENT

LANCASTER, L. A. Co., Cal.—Until 8 p. m., July 11, bids will be rec. by trustees of the Antelope Valley union high school, Lancaster, for motor busses as follows: 2 chassis, cap. 20 to 30; one chassis, cap. 40 to 45; two bodies, cap. 20 to 30; one body, cap. 40 to 45; 2 chassis, together with body complete, cap. 20 to 30; one chassis, together with body complete, cap. 40 to 45. J. G. Bradford, clerk.

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OxyAcetylene Equipment
Goggles—Respirators
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SALINAS, Monterey Co., Cal.—Until July 10, 1924, 7:30 p. m., bids will be rec. by Frank S. Clark, Clerk of Board of Trustees of Salinas Union High School District for:

First, two model 15, ¾-ton White chassis, complete with electric lights and starters, wheel base 157½ inches; or for two other chassis of equal size, weight, workmanship and equipment. Price to be f. o. b. Salinas.

Second: Two model A Eagle Safety School Busses, each with a capacity of 25 students; or busses of equal capacity, workmanship and equipment. Price to be f. o. b. Salinas and to include mounting and building said busses on the chassis to be purchased by said Board of Trustees. Plans and specifications for these busses are on file with the clerk of the Board of Trustees and may be inspected by bidders.

SAN FRANCISCO—Bids will be rec. by Bd. of Supervisors until July 14, 1924, bet. 2 and 3 p. m. for fur. one combination tractor for scarifier and road planers. Proposal blanks on application. Leonard S. Leavy, purchaser of supplies, 270 city hall.

SALINAS, Monterey Co., Cal.—Irene McConnell, Clerk of Parkfield Union High School District, will receive bids until July 21, 1924, 2 P. M., for a ten-passenger school bus.

RIVERBANK, Stanislaus Co., Cal.—W. A. Arington and W. H. Putman of Modesto have leased twenty acres from the Santa Fe railway at the northern edge of Riverbank along the Stanislaus river, and are establishing a camp there for the purpose of handling sand commercially. Preliminary grading is now being carried on and materials assembled for the railroad siding which will be built there at once.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 4, bids will be rec. by board of public works for furnishing police signal and telephone boxes. Spec. are on file at the office of the city electrician, 205 n. city hall annex.

BERKELEY, Alameda Co., Cal.—Bids will be rec. by E. M. Hann, clerk of the City of Berkeley, until July 8, 1924, 9 a. m., for one 2½-ton truck for Park Dept. Spec. etc. on file in clerk's office.

REDDING, Shasta Co., Cal.—Phillip Crews of Redding, has leased property lying north and east of Anderson Cottonwood Irr. District, containing 25 acres and will erect a gravel and sand plant.

RAILROADS

LOS ANGELES, Los Angeles Co., Cal.—Until 2:30 P. M., July 11, bids will be rec. by harbor comm., 312 Byrne Bldg., for trillby rails under spec. 615. J. G. Starr, secretary.

SUTTER CITY, Sutter Co., Cal.—Officials of the Sacramento-San Joaquin Railway recently inspected a route for a spur track to reach the DeWitt rock quarries near here over which to haul the rock to its main line. The spur would be about three miles long.

BAKERSFIELD, Kern Co., Cal.—City Officials plan to call bids for subway under Santa Fe tracks at Union Ave. However, the Santa Fe will probably be the only bidder as it is considered highly improbable that any other contractors will offer bids for the work. A clause in the plans and specifications prepared by the railroad company's engineers provides that the contractor who installs the subway must maintain "train service."

LOS ANGELES, Cal.—Bids rec. by harbor comm. June 27 for rails, etc., under spec. 626, were:
(a) Southwest Sales Equipment Co.—\$3.93 per kg; nut locks, \$12.70 per M; United Comm. Co.—(a) \$55.40; (b) \$5.10; \$20.
Edw. L. Soule Co.—(a) \$35.90; (b) no bid.

John L. Key, San Francisco—(a) \$35.60; (b) no bid.
W. H. Dobb & Co., Seattle—(a) \$36.65; (b) no bid.
U. S. Steel Products Co.—(a) \$42.87; angle bars, \$3.495 per ton; (b) \$9 and \$20.30.
Bethlehem Steel Co.—(a) No. 1, \$49; No. 2, \$47; low carbon angle bars, \$70.50; (b) \$8.90 and \$16.50.

RESERVOIRS AND DAMS

OROVILLE, Butte Co., Cal.—Until July 8, 1924, 8 p. m., bids will be rec. by R. A. Leonard, Sec. of the Thermaito Irr. District, Oroville, for furnishing all labor required for constructing 1,100 feet of ditch and diverting dam, including about 1250 cubic yards solid rock excavation, 1000 lin. ft. dry wall, 4000 sq. ft. cement plaster ditch lining, 70 cu. yds. conc. masonry. Plans and specifications obtainable at the office of the Board.

SAN BERNARDINO, San Bernardino Co., Cal.—Local organizations are preparing to launch a campaign for a \$100,000 bond issue for fire protection work, including a 10,000,000-gal. reservoir in Waterman canyon.

LANCASTER, Los Angeles Co., Cal.—Until 8 P. M., July 11, bids will be rec. by Board of Trustees of the Antelope Valley Union High School for the construction of a 65,000-gal. underground, reinforced concrete oil reservoir. Plans and specifications are on file at the office of the clerk of the board, J. G. Bradford.

PIPE LINES, WELLS, ETC.

SANTA ANA, Orange Co., Cal.—Geo. W. Kemper, Alhambra, submitted low bid to Newhope Drainage Dist. June 24 at \$101,037.40 for constructing pipe lines for the new drainage system. On the pipe line work, H. H. Peterson, San Diego, bid \$101,815.96 and Chas. and Geo. K. Thompson bid \$115,099.30. The last named bidders submitted a certified check in accordance with the advertised check in accordance with the advertisement, whereas the other two bidders were accompanied by bonds. Other bidders were: Thos. Haverly Co. and Lana Contracting Co. of La Habra. The work involves the following approx. quantities: 5150 ft. 30-in., 9058 ft. 24-in., 2770 ft. 21-in., 3050 ft. 18-in., S. P., 15,292 15-in., 3308 14-in., 7799 12-in., 26,207 ft. 10-in., and 42,626 ft. pipe. Also other incidental items. R. L. Loucks city hall, Santa Ana, engr. of the dist.

LOS ANGELES, Cal.—Until 3 p. m., July 8, bids will be rec. by public service comm., 207 S. Bwy., for approx. 20,000 ft. 2-in. std. asphaltum dipped wrought steel black pipe. Adv. W 267. Jas. P. Vroman, secy.

GLENDALE, Los Angeles Co., Cal.—City of Glendale submitted low bid to city council June 19, at \$10,500 for laying C. I. water pipe, with valves, fire hydrants, service pipes, etc., in Columbus Ave., Maple St., Windsor Rd., Central Ave. and other streets under the 1915 bond imp. act. Hartley-Camp-Corset Co. bid \$15,971.41.

LOS ANGELES, Cal.—Awards on cast iron pipe under spec. 716-D, as recommended by chief Engr. Wm. Mulholland of the dept. of public service, to be made at regular meeting of the commission June 27, are:
American Cast Iron Pipe Co., 439 E. 3rd St., L.A., 120,000 ft. 4-in. B pipe at 61.53¢ per ft., covered by items (1) and (2) below.

U. S. Cast Iron Pipe & Fdy. Co., Call Bldg., L.A., 120,000 ft. 6-in. De Lavaud pipe at \$5.87¢; 120,000 ft. 6-in. B pipe at \$2.02¢; 12,000 ft. 12-in. De Lavaud pipe at \$2.195¢; 6000 ft. 8-in. De Lavaud pipe at \$1.262¢; 17,520 ft. 16-in. B pipe at \$3.491¢; 17,520 ft. 24-in. C pipe at \$7.380¢. The bids rec. were as follows:

American Cast Iron Pipe Co.—(1) 60,000 ft. 4-in. B pipe, f. o. b. cars Aqua Siding, L.A., (15-ft. lengths), \$61.24 per ton, and 61.53¢ per ft.; (2) 60,000 ft. 6-in. B pipe, f. o. b. cars Hewitt St., Los Angeles (16-ft. lengths), \$61.24 per ton, and 61.53¢ per ft.; (3) 12,000 ft. 8-in. B pipe, f. o. b. cars Aqua Siding, Los Angeles (16-ft. lengths), \$57.24 per ton, 93.02¢ per ft.; (4) 120,000 ft. 6-in. B pipe, f. o. b. cars Hewitt St., Los Angeles (16-ft. lengths), \$57.24 per ton, 93.02¢ per ft.; (5) 12,000 ft. 12-in. B pipe, f. o. b. cars Hewitt St., Los Angeles (12-ft. lengths), \$56.24 per ton, 2.267¢; (6) 6000 ft. 8-in. B pipe, f. o. b. cars Aqua Siding, Los Angeles (12-ft. lengths), \$56.24 per ton, 1.310¢; (7) 6000 ft. 16-in. B pipe, f. o. b. cars Aqua Siding, Los Angeles (12-ft. lengths), \$57.24 per ton, 3.575¢; (8) 17,520 ft. 24-in. C pipe, f. o. b. cars Aqua Siding, L.A. (12-ft. lengths), \$57.24 per ton, \$7.391¢; (9) delivery—commence shipment immediately, complete 90 days.

U. S. Cast Iron Pipe & Fdy. Co.—(12-ft. lengths, price per ft.) (1) 61.31¢; (2) 64.31¢; (3) 92.02¢; (4) 92.02¢; (5) 2.268¢; (6) \$1.3127; (7) \$3.4919; (8) \$7.3807; (five metre lengths), price per ft.: (1) —; (2) —; (3) 92.02¢; (4) 92.02¢; (5) 2.268¢; (6) \$1.3127; (7) —; (8) —; De Lavaud pipe, price per ft.: (1) —; (2) —; (3) 85.87¢; (4) 85.87¢; (5) 2.195¢; (6) 1.262¢; (7) \$1.2627; (8) —; (9) —; shipment of one-half entire quantity Aug. 15, balance Sept. 1.
Pacific Pipe & Supply Co., 1002 Santa Fe Ave. (French pipe), price per 100 ft.: (1) \$64.70; (2) \$64.70; (3) \$94; (4) \$94; (5) \$233.36; (6) 134.98; (7) \$355.21; (8) \$793.35; (Alternate) —; (9) \$55.10; (10) \$55.10; (11) \$55.10; (12) \$55.10; (13) \$55.10; (14) \$55.10; (15) \$55.10; (16) \$55.10; (17) \$55.10; (18) \$55.10; (19) \$55.10; (20) \$55.10; (21) \$55.10; (22) \$55.10; (23) \$55.10; (24) \$55.10; (25) \$55.10; (26) \$55.10; (27) \$55.10; (28) \$55.10; (29) \$55.10; (30) \$55.10; (31) \$55.10; (32) \$55.10; (33) \$55.10; (34) \$55.10; (35) \$55.10; (36) \$55.10; (37) \$55.10; (38) \$55.10; (39) \$55.10; (40) \$55.10; (41) \$55.10; (42) \$55.10; (43) \$55.10; (44) \$55.10; (45) \$55.10; (46) \$55.10; (47) \$55.10; (48) \$55.10; (49) \$55.10; (50) \$55.10; (51) \$55.10; (52) \$55.10; (53) \$55.10; (54) \$55.10; (55) \$55.10; (56) \$55.10; (57) \$55.10; (58) \$55.10; (59) \$55.10; (60) \$55.10; (61) \$55.10; (62) \$55.10; (63) \$55.10; (64) \$55.10; (65) \$55.10; (66) \$55.10; 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PLAYGROUNDS AND PARKS

STOCKTON, San Joaquin Co., Cal.—Bids for constr. two tennis courts in Oak Park were received for the second time and work ordered done by the city engineer, W. B. Hogan. Clark and Henry bid \$4451 and J. E. Johnson \$4363.

SEWERS & STREET WORK

GLENDALE, L. A. Co., Cal.—Coruwell & Henderson, 120 S. Glendale Ave., Glendale, submitted low bid to city council June 26 at \$13,340.32 for improving Columbus Ave., Park Ave., Acacia Ave., Garfield Ave., Winifred Rd., involving 73,800 cu. ft. grading and 75 in. vit. sewer at \$1.15 ft.; 54,200 sq. ft. 5-in. macad. pavement at 13.5c sq. ft.; 10,410 sq. ft. walk at 16c ft.; 4 junction chambers at \$100 each; one flush-tank at \$150; one manhole at \$100; 28 ft. in. wyes and house connections, \$23.

FULLERTON, Orange Co., Cal.—L. Wayne McCollum, Fullerton, has submitted to the boards of the La Habra and Buena Park sanitary dists. three propositions for solving the sewer problems of these districts and the western part of Fullerton. One of these plans is to run a line south on Magnolia to Ocean Ave. and thence to a junction point at Garden Grove, est. cost \$91,000; the second plan is for a main to start at the intersection of Magnolia and Valencia to run along Brookhurst south to Orangethorpe, thence east to Nicolas, cost about \$85,000; the other plan is for a line on Valencia to Brookhurst, south to Orangethorpe, and then to Nicolas, at an est. cost of \$38,000. Pumping plants will be needed under all three schemes.

PORTLAND, Ore.—Following bids opened June 26th by Oregon State Highway Commission.

Grading and Surfacing

Lake County—Chalk Cliff-Hunters Section of the Prineville-Lakeview Highway, 8.64 miles of grading.
John Hampshire, Grants Pass...\$39,673
H. J. Hildeburn, Portland..... 41,790
Award pending.
Lincoln County—Nye Creek Section of the Roosevelt Coast Highway, 0.32 miles of grading.
Moore & Freres, Newport (1) concrete pipe, \$7,103.50; (2) corr. culvert, \$6,132.70.
C. E. Davis, Albany, (1) \$7676; (2) \$8910.
Jos. Tito, Willamina, Oregon, (2) \$9,286.88; (2) \$7699.63.
F. M. Bullis, Corvallis, (1) \$11,819.73; (2) \$930.03.
Fidelity Contract Co., Portland, (1) \$11,388; (2) \$10,286.
Hetrick, Cline & Gardner, Portland, (1) \$11,640; (2) \$10,420.
Awarded to Moore & Freres.
Malheur County—Weiser & Payette Spur Sections of the Old Oregon Trail, 3.56 miles of grading and surfacing.
Morrison-Knudsen Co., Boise, Idaho, conc. pipe \$41,719.
Newport Construction Co., Portland, conc. pipe, \$46,024; vit. clay pipe \$48,215; corr. pipe \$48,450.
All bids rejected and project ordered readvertised.

EUREKA, Humboldt Co., Cal.—Until July 8, 1924, bids will be received by A. Walter Kildale, clerk, to improve portions of 2nd St. grade and pave with 5½-in. asph. conc. base with 1½-in. Warrentite-bit. surface and portions with 3½-in. asph. conc. base; 1 cm. l. and conc. culverts; vit. sewers; 1 cm. l. and curbs. 1911 Act and Bond Act 1915. Harry H. Hannah, city engineer.

SACRAMENTO, Sacramento Co., Cal.—Council has awarded contracts for street imp. as follows: Y St. near 3rd St.; Front St. near Y; 3rd St. near Y; 4th St. near E; D St. and E St. to A. Teichert & Son, 1848 37th St., Sacramento. Freeport Elve, near 3rd Ave. to J. W. Terrell, 1111 29th St., Sacramento.

SACRAMENTO, Sacramento Co., Cal.—Bids will be received until July 10, 1924, 3 P. M. by H. G. Denton, Clerk, to improve alley bet. T and U Sts. from 51st to 55th Sts. under Res. 1896.
At the same meeting bids will be rec. for imp. right-of-way bet. U and Y Sts. from 48th to 45th Sts. under Res. No. 1907.

RICHMOND, Contra Costa Co., Cal.—City Engineer H. D. Chapman, announces plans are completed for the proposed improvement of Ohio, Center, Florida and Waller avenues between Thirty-seventh and Forty-second Sts. and Thirty-ninth, Forty-first and Forty-second street between Waller and Ohio avenues in the Pullman district. The improvements call for oil macadam, concrete sidewalks, curbs and gutters, and corrugated iron culverts for proper drainage.

LOS ANGELES, Los Angeles Co., Cal.—Res. of inten. adopted by county supervisors June 17 to improve Garvey Ave., bet. New Ave. and the Lexington-Gallatin Rd., 18,580 ft. or 3.52 mi., involving 25,646 cu. yds. excav.; 63,327 sq. yds. corr. pavement; 45,677 sq. yds. d. g. sub-base; two culverts; 18,580 lin. ft. shaping shoulders. County furnishes 17,222 bbls. cement; 7714 tons shales; 14,332 tons gravel; f. o. b. El Monte. Est. contr. price, \$112,976.10. Average haul, 3 mi. from El Monte to the Pacific Electric Railway. R. D. I. No. 263.

SAN MATEO, San Mateo Co., Cal.—Bids will be received until July 23, 1924, 2 P. M. by California Highway Commission, Sacramento, to grade 5.2 miles roadway in San Mateo County, between South San Francisco and Broadway Station. See call for bids under Official Proposals this issue.

WILLOW GLENN CO., Cal.—See "Schools," this issue.

RICHMOND, Contra Costa Co., Cal.—City Manager Jas. McVittie, has asked the Santa Fe to pave Garrard Blvd. in front of its holdings with concrete.

HAWTHORNE, L. A. Co., Cal.—City Engr. Victor H. Stahel states that proceedings have been started by the city trustees for the paving of Wallace, Oxford, Freeman, Menlo, and Veeder Sts., with 1½-in. Willite pavement on 2½-in. asph. conc. base; 1911 act and 1915 bond imp. act.

ARIZONA—W. M. Tenney, Jr., and Jacob Hamblin, Alpine-St Johns, Ariz. submitted only bid to bureau of public roads June 25 at (1) condition A, alternate No. 1, to include items 1, 3, 4, 7, 10, 11, 12, 19, 20, 21, 32, 40, 42, 43, 44, \$97,196.82 and (2) condition A, alternate No. 2 to include items 1, 3, 4, 5, 7, 13, 19, 20, 21, 32, 40, 42, 43, 44, \$90,727.62, for constructing the Clifton-Springerville highway in Greenlee county, Apache National Forest, Ariz., 17.75 miles, 10 ft. wide, to be graded, including (1) clearing and grubbing, condition A, at \$30.166; (2) 5676 cu. yds. rock excav. at \$1.75 yd.; (4) 59,604 cu. yds. common excav. at 50c yd.; (7) 17,775 cu. yds. class 2, class 2 conc. headwalls, alternate No. 1, at \$24 yd.; (11) 210 cu. yds. class D abutments, alternate No. 1, at \$22 yd.; (12) 15,910 lbs. reinf. steel, alternate No. 1, at 12c lb.; (13) 660 cu. yds. com. rubble masonry, alt. No. 2, at 15c yd.; (19) 4042 lin. ft. 24-in. c. m. p. at 3.40 ft.; (20) 138 ft. 30-in. c. m. p. at \$4.17 ft.; (21) 13,260 36-in. c. m. p. at \$4.17 ft.; (32) 13,260 lbs. bridge iron in place at 15c lb.; (40) 50 cu. yds. hand placed embank. at \$2.50 yd.; (42) 3.55 M bridge flooring at \$70 m; (43) 87,000 ft. protection ditch at 5c ft.; five cattle guards and gates, \$200 each; (45) clearing and grubbing, condition B, no bid; 9678 cu. yds. excav. (rock), condition B, no bid. Est. equip. rentals \$660.

SAN ANSELMO, Marin Co., Cal.—Directors of Sanitary District No. 1 have awarded contract to Chambers and De Golyer, Bacon Bldg., Oakland, at \$5479 to const. sewers in Granton Park, Kentfield.

OAKLAND, Alameda Co., Cal.—Council, E. W. Sturgis, City Clerk, declares inten. to imp. Orchard St. near McClure St., involving constr. of sewer with manhole, lamphole and "Y" branches. Act. 1911. Protests, July 17, 1924. W. W. Harmon, City Engineer.

BURBANK, L. A. Co., Cal.—Until 7:30 p. m. July 22 bids will be rec. by the city trustees for improving Lake St., involving grading and paving with oil and rock macad. 6-in. thick; liming and paving with oil and rock macad. 3-in. thick; also curbs and curb returns on both streets; 1911 act. F. S. Webster, city clerk. Arthur J. Rose, city engineer.

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OAKLAND, Alameda Co., Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, has been awarded contract by City Council to imp. portions of Octavia and Abbey Streets, involving grade and pave, const. curbs, gutters and sidewalks. Cont. price: grading, 6 sq. ft.; concrete curb, 75c sq. ft.; concrete gutter, 27c sq. ft.; oil mastic, 14c sq. ft.; cement sidewalk, 18c sq. ft.

Riechel and Bredhoff were awarded cont. to const. cem. sidewalk on Ford St. at \$169 sq. ft.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., was awarded contract, \$23,295.43 for improving Highland Ave. bet. Fountain Ave. and Santa Monica Blvd. This company was the lowest regular bidder, Mandic & Cristich bidding \$23,061.12, but neglecting to attach copy of the advertisement. The work involves grading at \$2200; 28,718 sq. ft. conc. paving at 24c ft.; 145 ft. curb at 75c ft.; 4781 sq. ft. walk at 21c ft.; reinf. conc. culvert, \$1300; cement pipe san. sewer, \$5000; 1280 sq. ft. reformed oil surfaced at 12c ft. Engr's est., \$23,539.51; other bids were Geo. J. Bock, \$23,834.80; Will F. Peck, \$24,839.90.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E. 53rd St., was awarded contr. by board of public works June 23 at \$19,248.68 for improving 70th St. between Main St. and Moneta Ave., involving grading at \$2300 (lump sum); 700 sq. ft. conc. paving at 24c ft.; 41,936 sq. ft. Warrentite-bitul. paving at 26c ft.; 2470 sq. ft. gutter at 35c ft.; san. sewer complete, \$5000. Engr's est. \$17,551.38. Geo. R. Curtis Paving Co., Inc., bid \$17,779.13.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—City council has passed resolution to pave Marsh and portions of Nipomo, Toro, Morro, Higueria and Ida Sts. with six-inch hydraulic cement and the sidewalks and curbs. Protests July 14, 1924, 8 p. m. Walter E. Rosehip is city engineer.

HAYWARD, Alameda Co., Cal.—A. J. Grier, 480 Chetwood, Oakland, was awarded a contract at \$28,705.24, by M. B. Templeton, clerk of the City of Hayward to imp. (Res. of Inten. 491) portions of Soto St. and Sunset Blvd., involving 118,270 sq. ft. 3 1/2-in. asph. conc. base with 1 1/2-in. asph. conc. surface, including grading; 582 sq. ft. conc. gutter; 189.5 lin. ft. conc. curb; 107 lin. ft. r.w. header boards. 1911 act and bond act 1915. J. E. Holly, town engineer. Other bidders were A. J. Costello Jr., San Francisco \$29,918.78; F. L. Carson, Oakland, \$29,972.93; Hutchinson Co., Oakland, \$35,867.80.

OAKLAND, Alameda Co., Cal.—Council, E. K. Sturgis, city clerk, declares Inten. to imp. Baxter St., near Galindo St., involv. grade, curbs, gutters, sidewalks, 1911 act. Protests July 10, 1924, 11 a. m. W. W. Harmon, city engineer.

LONG BEACH, Los Angeles Co., Cal.—The proposed elimination of grade crossings over Dominguez Creek on Anaheim Rd. will cost about \$35,000. This cost will be split up and paid by the city and county of Los Angeles, city of Long Beach, the railroads, the harbor committee of 20c, and a Wilmington assessment district. The final agreement of Long Beach to participate is being awaited now by the other interests which are ready to start without delay.

KALISPELL, Mont.—A proposal to pave east side avenues from Second to Sixth was recently passed by Kalispell City Council. The proposal called for 32 blocks of bitulithic and the approximate cost is estimated at \$175,000 or \$200,000.

MARYSVILLE, Yuba Co., Cal.—The city council has awarded to the Warren Construction Co., Bacon Bldg., Oakland a contract to pave 14 blocks in the residential district. The bid was 22 1/2¢ a foot.

FRESNO, Fresno Co., Cal.—Board of Sup. of Fresno Co. declare Inten. to imp. Van Ness Blvd. from Harvard Ave. near Van Ness Blvd. and portion of Princeton Ave. near Van Ness Blvd. with grading, asphalt conc., 2 1/2-in. pavement with 1 1/2-in. Warrentite-bitulithic surface, conc. curbs, gutters, and sidewalks, drainage culverts, concrete pipe siphons etc. Rd. Imp. Act 1907. D. M. Barnwell, county clerk. Chas. E. Jensen, Cory Bldg., Fresno, is county engineer.

OAKLAND, Alameda Co., Cal.—Council, E. K. Sturgis, city clerk, declares Inten. to imp. portions of 69th Ave. Place, 69th Ave., Weld St., etc., involv. grade, curbs, gutters, paving, sidewalks, culverts, etc. Protests July 10, 1924, 11 a. m. W. W. Harmon, city eng.

LOS ANGELES, Los Angeles Co., Cal. Ord. of Inten. adopted by city council July 10, under 1911 act the following streets:

Alley W. of Compton Ave., bet. 39th and 40th Sts., involving grading, cem. conc. pavement, remodeling oil surfaced.

Alley S. of Fountain Ave., bet. Harvard and Hobart Bldgs. involving grading, cem. conc. pavement, remodel. oil surfaced.

Banning Blvd., bet. Anaheim and B Sts., involving grading, constructing cement pipe sanitary sewer, cement pipe house connections.

HUMBOLDT COUNTY, Calif.—Following bids rec. June 30, by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. 6.5-m in Humboldt County, bet. Eureka and Arcata, involv. 5600 cu. yds. embankment; 4200 cu. yds. sand (filling for subgrade); 24,080 lin. ft. subgrade (preparing and shaping); 15,340 cu. yds. class A Port. cem. conc. (pavement); 3329 hundredweights bar rein. steel in place (pavement).
J. F. Knapp, Turlock \$24,463
Kaiser Paving Co., Oakland 256,331
Mercer-Fraser Co., Eureka 271,563
Engineers estimate 263,905

SAN JOSE, Santa Clara Co., Cal.—Until July 14, 1924, 11 a. m., bids will be rec. by Henry A. Pfister, clerk of Santa Clara Co., for improvement of Quimby Road in Supervisor District No. 2. Plans and spec. obtainable from clerk. Robt. Chandler, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until July 14, 1924, 11 a. m., Henry A. Pfister, Clerk of Santa Clara Co., will rec. bids for the improvement of Mountain View and Alviso Road in Supervisor's District Nos. 4 and 5. Plans and spec. obtainable from clerk. Robert Chandler, surveyor.

SACRAMENTO, Cal.—At the meeting of the Board of Supervisors of Sacramento County, C. W. Wood, of Manteca, was scheduled to receive the contract for graveling the Dutch Flat road, having bid more than E. F. Hilliard and T. M. Maestretti, the others bidding on the work. This contract, however, will not be awarded until the next meeting.

COLUSA, Colusa Co., Cal.—Board of Supervisors of Colusa Co., Sacramento, to const. West Approach to Meridian Bridge, from east end of present Highway pavement to west end of Meridian bridge, involving 1090 lin. ft. grading and sub-grading; 170 cu. yds. asph. conc. pavement. Two bids were rec. V. Dennis Constr. Co., (a) 20c; (b) \$14.75; and J. E. Johnson, of Stockton (a) \$55c, (b) \$15.75.

The Dennis Constr. Co. submitted a bid at (a) 20c, (b) \$6.75 to imp. Road No. near end of present solid pavement in town of Princeton to boundary line bet. Colusa and Glenn counties, involv. 2610 cu. yds. asph. sub-grading; 925 tons asph. concrete pavement.

J. E. Johnson, of Stockton, submitted the only bid at \$5 to imp. Main St., town of Grimes, Road No. 134, involv. 500 tons asph. conc. pavement. Spec. obtainable from J. A. Felkner, county engineer.

SAN RAFAEL, Marin Co., Cal.—Until July 8, 1924, 11 a. m., bids will be rec. by Rob. E. Graham, Clerk of Bd. of Suprs. for furnishing and spreading 3000 cubic yds of crushed rock to be spread 3 inches thick and 14 ft. wide on that portion of Tomales & Petaluma County Road from the county line westerly to the forks of the road at Aurora School in Road District No. 4.

MAYFIELD, Santa Clara Co., Cal.—Town Trustees have accepted plans and spec. for street imp. to cost approx \$98,000. Five-inch concrete will be laid on the following streets: Lincoln avenue to Washington street, Washington street to Stanford avenue, Palo Alto Avenue from Amherst to the highway; Sherman and Grant from the highway to Second Street; Sheridan Street from the highway to Third street; Third St. from Sheridan to Lincoln. \$98,000 will be spent on street work.

LONG BEACH, Los Angeles Co., Cal.—Until 8 P. M., July 14, bids will be rec. by the Board of Education, 439 Markwell Bldg. Annex, for constructing walks and curbs on west side Lime Ave., bet. 51st and 52nd Sts., and the paving of the north half of Fifth St., bet. Lime and Atlantic Aves., along the Atlantic Ave. school property. Spec. on file at the office of K. D. Van Alstine, city engineer.
Cert. chks., 5%.

HAWTHORNE, L. A. Co., Cal.—Geo. R. Curtis Paving Co., Inc., 2440 E. 26th St., submitted low bid to city trustees June 24 at \$14,000 for improving E. 26th way, bet. Birch and Prairie Aves., involving grading at \$8000 (lump sum); 3661 lin. ft. curb at 70c ft.; 18,926 sq. ft. cem. walk at 24c ft.; 162 sq. ft. gutter at 33c ft.; 90,438 sq. ft. Willite wearing surface on 3-in. asph. conc. base at 27c ft.; 17 cast iron lighting stds. at \$300 each.

H. G. Feraud \$5500 grading; 75c curb; 24c walk; 35c gutter; 30c paving; \$300 lighting stds; total, \$51,582.

The bids were referred to the city engineer.

HAWTHORNE, L. A. Co., Cal.—Geo. R. Curtis Paving Co., Inc., 2440 E. 26th St., submitted low bid to city trustees June 25 at \$54,411 for improving Truro and Euclayptus Aves. and Miramar St., involving grading at \$11,500 (lump sum), 7026 ft. curb at 70c ft., 34,031 sq. ft. walk at 24c ft., 14,052 sq. ft. gutter at 33c ft., 109,971 sq. ft. 1 1/2-in. willite wearing surface on 2 1/2-in. conc. base at 24c ft., 1159 ft. redwood headers at 40c ft.

H. G. Feraud bid \$13,000 grading; 75c curb; 24c walk; 35c gutter; 26c paving; 40c headers; total, \$55,503.

The bids were referred to the city engineer.

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SAN JOSE, Santa Clara Co., Cal.—Until July 14, 1924, 11 a. m. bids will be rec. by Henry A. Pfister, clerk of Santa Clara Co., for the improvement of Prospect Road in Supervisors Districts No. 4 and 5. Plans obtainable from clerk. Robert Chandler, county surveyor.

FORT MASON, Cal.—G. W. Price Pump and Engine Co., 1350 Polson St., San Francisco, has awarded contract at \$897, for six turbine pump units and at \$1020 for one additional pump at the Presidio of S. F. H. J. Thiele submitted only bid at \$745 for the six pumps.

NEVADA COUNTY, Cal.—Following bids rec. June 30 by State Highway Commission, Forum Bldg., Sacramento to const. bridge over Truckee river and S. P. R.R. tracks about 1 mile north of Polaris, 398 ft. long, 21 ft. wide, consisting of 160 ft. rein. conc. arch span, 49 30 ft. and 38 ft. spans; involving 1150 cu. yds. class A; 230 cu. yds. class B and 40 cu. yds. class E Port. cem. conc. in bridge; 1800 hundredweight rein. steel in bridge; 450 cu. yds. excavation for bridge structure and 2500 cu. yds. roadway embankment. Proctor & Cleghorn, Santa Rosa \$50,425; McKay Eng. Co., Los Angeles, \$7,692; Davis-Heller-Pierce, San Francisco, \$7,500; De Ward & Son, San Diego, \$7,320; West Coast Const. Co., S. P., \$6,640; Rocca & Caletti, San Rafael, \$6,382; Skeels & Hudson, Auburn, \$6,290; Davison & Nicolson, Stockton, \$14,580; Engineer's estimate, \$61,315.

SOUTH PASADENA, L. A. Co., Cal.—Until 8 p. m., July 14, bids will be rec. by city trustees for improving the following streets: Charter Oak St.—21,300 sq. ft. 3-in. macad.; 421 sq. ft. gutter; 65 sq. ft. walk; 829 lin. ft. 4-in. cast iron water pipe; one fire hydrant; 4 gate valves, tees and fittings. Adelaine Ave.—24,800 sq. ft. 3-in. macad.; 3800 sq. ft. gutter; 58 ft. curb; 1042 lin. ft. 4-in. cast iron water pipe; 32 ft. 2-in. water pipe, with necessary fittings and service connections.

Work will be done under the 1911 act and 1915 bond imp. act. Nettie A. Hewitt, city clerk.

BERKELEY, Alameda Co., Cal.—Petitions have been signed for the repaving of Arlington avenue from the Circle to the north city line, The Alameda, from Hopkins street to Thousand Oaks Blvd.; and Thousand Oaks Blvd. from The Alameda to Arlington Ave.

SACRAMENTO, Sacramento Co., Cal.—Until July 21, 1924, bids will be rec. by Board of Sup. of Sacramento county for road imp. as follows: Fourteenth Ave., from the intersection of Sutter Ave., a distance of 5530 ft., \$11,000; Greenback Lane road, near Fairbanks, 3 miles of grading, \$2500; Florin road, asphaltic concrete, \$11,000; Sherman Island cross-road graveling, \$1600, and the Golden State cannery road across Lower Andrus Island, three miles of graveling \$3000. Chas. W. Deterding, Jr., is county engineer.

LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd. was awarded contract for improvement of public works June 27 at \$19,050.51 for improving Irving Blvd., bet. Melrose and Rosewood Aves., involving grading at \$3500 (lump sum); 278 sq. ft. conc. paving at 80c ft.; 1600 sq. ft. bitum. base paving at 15c ft.; 47,726 sq. ft. Warrentite-bitul. paving at 23.9c sq. ft.; 5.5 ft. curb at 80c ft.; 332 sq. ft. gutter at 34c ft.; 12 ft. hse. sewers at \$1.75 ft. Eng's est., \$18,766.45. Other bids were: Geo. R. Curtis Paving Co., \$19,337.24; L. A. Paving Co., \$19,465.60; Geo. H. Oswald, \$19,579.21.

EUREKA, Humboldt Co., Cal.—Until July 8, 1924, at 8 p. m., bids will be received by A. Walter Kildale, clerk, to imp. portions of Myrtle Ave., involv. grade and pave with 5½-in. asph. conc. base with 1½-in. Warrentite-bit. surface and portions with 3½-in. asph. conc. base with 1½-in. Warrentite surface; C. I. and conc. culverts; cem. curbs. They will pay \$462 as its portion of cost, 1911 act and Bond Act 1915. Harry H. Hannah, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Council has passed resolution and ordered plans prepared for imp. with 5-in. concrete pavement Market St., from Water to Market St. bridge. Petition has been granted to improve King St. from Bay St. to Mission with sidewalk.

VALLEJO, Solano Co., Cal.—The City Council plans to include \$26,000 in the budget this coming year for the proposed extension of Sonoma street south from Pennsylvania street to South Vallejo. The county will spend \$90,000 on its extension of the street north to the Napa Road.

VALLEJO, Solano Co., Cal.—City Engineer T. D. Kilkenny is making surveys for proposed improvements in unpaved alleys in various parts of the city.

OROVILLE, Butte Co., Cal.—Final location surveys for the wagon road leading from the Butte area to Plumas creek power plant of the Feather River Power Company, will be started within the next few days, according to William Watson, engineer in charge of surveys of the big Middle Fork power project. The construction of the wagon road will be the first step taken in the company's \$40,000,000 construction program.

SAN MATEO, San Mateo Co., Cal.—City Council will shortly call for bids for street improvement on Poplar street from D street to highway.

DEL NORTE COUNTY, Cal.—The following are the three lowest bids rec. on June 25, by C. H. Purcell, Dist. Eng. U. S. Bureau of Public Roads, 317 New Post Office Bldg., Portland, Ore., to const. Grants Pass-Crescent City highway (Elk Creek-Patrick Creek Section) Siskiyou Natl. Forest, Del Norte county, Calif., 12.1 mi. involv. 90 acres clearing; 60 acres grubbing; 400,000 cu. yds. unclassified excavation; 55,000 cu. yds. sta. overhaul; 12.1 mi. finishing graded road; 850 cu. yds. conc.; 1000 cu. yds. cem. rubble masonry 4075 lin. ft. culverts. Govt. has equipment for lease to contractors. H. H. Boomer, 517 Ziegler Bldg.

Spokane, Wash. \$394,830
Joplin & Eldon, Portland 413,009
John Hampshire, Grants Pass, Ore. 417,426
There were seven bids received. Bids under advertisement.

SAN MATEO, San Mateo Co., Cal.—C. J. Lindgren, El Cerrito, San Mateo, awarded contract at \$1075 by city council to cover drain in Poplar Ave., bet. Ellsworth and Griffith streets, with concrete and asphalt surface.

OAKLAND, Alameda Co., Cal.—Council, E. K. Sturgis, City Clerk, declares intent to imp. 2nd St., from Alice to St. K. involv. grade, curbs, gutters and pave. 1911 Act. Protests July 17, 1924. W. W. Harmon, City Eng.

OAKLAND, Alameda Co., Cal.—Council, E. K. Sturgis, City Clerk, declares intent to imp. Fresno St., from Church St. to 73rd Ave., involv. grade, curbs, gutters, sidewalks and pave. 1911 Act. Protests July 10, 1924. W. W. Harmon, City Eng.

YUBA CITY, Sutter Co., Cal.—Board of Supervisors in July will consider plans for building of at least 300 feet of the Nicolaus causeway from the levee on the Riddout ranch toward the Nicolaus bridge.

The improvement, when made, will close a gap in the Garden Highway connecting Sutter and Sacramento counties.

PASADENA, L. A. Co., Cal.—W. C. Rowse, spec. engr., handling the city's st. improvement for W. C. Earle, city engr., has announced that new proceedings will be started about July 8 for this work, on which bids were previously recd. and rejected. At a meeting of the property owners and representatives of the city government it was decided to omit the tunnels under the sidewalks. The second proceedings were also abandoned, as the city directors had no desire to force an unwelcome improvement on the property owners who objected to the tunnel work. These proceedings will be under both the 1911 act and the 1915 bond act. But contractors felt that the protests of about 90% of the property owners would jeopardize the legality of the bonds. New specifications and estimates will be furnished by Mr. Rowse within a few weeks.

SANTA BARBARA, Santa Barbara Co. Cal.—Charles W. Wimmer, Bakersfield, was awarded contr. by county supervisors June 25 at \$233,360 for constructing about 25 mi. macad. roadway in the Santa Ynez Valley road dist. Other bids were: Blumenkrantz, Vernon, \$236,450; A. J. Grier, \$238,690.

LOS ANGELES, Cal.—Ord. of Inten. adopted by city council to improve under 1911 act the following streets:

81st St., bet. Moneta Ave. and Figueroa St., involving grading, cem. conc. paving, curb, walk, cem. pipe san. sewer.

Alex w. of Vermont Ave., bet. Beverly Blvd. and First St., involving grading, remodel, oiled surface, cem. conc. pavement, curb, walk.

Alley of Pico St., bet. Second and Third Ave., involving grading, remodel, oiled surface, cem. conc. pavement, curb, walk.

Mariposa Ave., bet. Melrose Ave. and Clinton St., involving Warrentite-bitul. pavement, bitum. base pavement, walk, gutter, vit. pipe hse. sewers.

Hollyridge Dr. bet. n. line lot 343, Tr. 1504, sheet 2, and a line of Hollyridge Dr. at first bridge crossing of curve s from a line of said tract, involving grading, cem. conc. pavement, curb, cem. san. sewer.

GLENDALE, L. A. Co., Cal.—Cornwell & Henderson, 120 S. Glendale Ave., Glendale, were awarded contr. by city council at \$19,631 for improving Stanley Ave., Sinclair Ave. and other sts., involving 104,050 sq. ft. grading at 5c ft.; 2775 ft. curb at 50c ft.; 121 sq. ft. gutter at 25c ft.; 80,100 sq. ft. 3-in. macad. paving at 10.5c ft.; 12,050 sq. ft. walk at 16c ft.; water pipe complete, \$2815; 2530 ft. 8-in. vit. pipe sewer at \$1.15 ft.; 2 manholes at \$100 each; one junction chamber at \$100; 2 flush tanks at \$125 each; one lamp hole at \$30; 70 6-in. hse. connections, with wyes, at \$15 each.

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CARRSON CITY, Nevada.—Until July 16, 1924, 2 p. m., bids will be rec. by Geo. W. Borden, State Highway Eng., for grading and const. of culverts as follows:

Unit No. 1, 5.10 miles, 0.52 miles east of Nevada-California state line and 2 miles east of Verdi; 76,000 cu. yds. excavation unclassified; 264,643 cu. yds. overhaul; 210 cu. yds. class A; 70 cu. yds. class B conc.; 486 lin. ft. 15-in., 486 lin. ft. 18-in., 418 lin. ft. 24-in., 136 lin. ft. 30-in. and 40 lin. ft. 36-in. corr. metal pipe; 64 lin. ft. 24-in. corr. metal pipe; 75 monuments; 18 sign. posts; 160 cu. yds. hand placed fill; 1000 truck ft. relay industry tracks.

Unit No. 2, 0.52 miles, Nevada-California state line and 0.52 miles east; work between state line and 0.52 miles east (Sta. 30 plus 00) to be included in contract if right of way is secured prior to completion of work under unit No. 1, Station 30 plus 00 to State line. Estimated unit prices to be as per proposal blank Unit No. 2; 12,650 cu. yds. excavation unclassified; 255 cu. yds. class A and 5 cu. yds. class B conc.; 92 lin. ft. 15-in. and 30 lin. ft. 36-in. corr. metal pipe; 1576 lin. ft. stand. wooden guard rail; 10 monuments.

Gravel and sand for concrete in stock piles will be furnished by the State. Official proposal appears in this issue.

HOLLISTER, San Benito Co., Cal.—The expenditure of \$25,000 on several road improvement projects is in contemplation by the San Benito county supervisors.

LOS ANGELES, Cal.—Res. of Inten. adopted by county supervisors to improve Arizona Ave., bet. Third St. to the Anaheim Telegraph Rd. and portions of other streets; 27,520 ft. under County Imp. No. 32, involving 6922 cu. yds. excav. 20x12.5 sq. ft. conc. walk; 23,640 lin. ft. curb (62x14); 11,118 lin. ft. curb (60x10.5); 115 lin. ft. curb (60x10.5); 115,388 sq. ft. gutter; corr. iron pipe culvert with catch basins. Average haul, 6 mi. from Bandini St. on S. & P. Ry. Est. contr. price, \$110,550.85.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—City Council declares Inten. to imp. portion of Marsh St., Figueroa St., Nipomo St., Ida St., Toro and Moore Sts. with hyd. conc., 6-in. pipe, curbs, sidewalks, reinf. hyd. conc. culverts, c. manholes, etc. Protests July 14, 1924, 1911 Act and Bond Act 1915. Callie M. John, clerk.

SONORA, Tuolumne Co., Cal.—Until July 14, 1924, 2 p. m., bids will be rec. by Bd. of Sup. of Tuolumne Co., for paving portions of the Tuolumne and Columbia roads and for some paving in the town of Jamestown.

The portions of highways proposed to be paved are a one-mile stretch from Sullivan creek bridge toward Tuolumne, one mile from Tuolumne toward Sonora, a one-half mile through the town of Columbia toward Sonora, one-half mile from Sonora toward Columbia, four-tenths of a mile from the Jamestown depot to Main street, a half of Seco street and one-tenth of mile on Donovan street, connecting Main street and Seco street.

Bids are wanted on five types of pavement—willite, warrentite, asphalt concrete, asphaltic macadam, and oil macadam.

Robt. Thom is County Surveyor.

WILLOW, Glenn Co., Cal.—County Surveyor Bayard Knock and H. P. McAvoy left for the Coast Range mountains to survey a road from Bear Wallow cabin to the Middle Fork of the River. The road will lead to the camp of Lee Logan on Eel river. Mr. Logan will build the road after the county has surveyed it, the county later taking it over and making a county road of it.

REDWOOD CITY, San Mateo Co., Cal.—J. T. Tobin, 46 Kearny St., S. F., awarded const. of County San. to imp. portions of MacDonald and San Bruno Aves., etc., grade and pave with water bound rock macadam base with 2-in. Durite asph. conc. surface; 236-in. 12-in. header boards (all in Imp. Dist. No. 3). Contract price \$7,000 sq. ft. pave, \$248 per sq. ft., \$24,204.80.

LOS ANGELES, Cal.—G. T. McLain, 602 Hollywood Security Bldg., was awarded contr. by county supervisors at \$10,137.90 for improving Larch St., bet. Arbor Vitae St. and Hardy St., 1257 lin. ft. or 24 mi., under County Imp. No. 77, involving macad. pavement and other incidental items. Bids noted issue June 20.

LOS ANGELES, Cal.—Griffith Co. 502 L. A. Ry Bldg., was awarded contr. by county supervisors at \$71,000 for improving Ballona Ave., bet. Western Ave. and city limits of Hawthorne, 10,206 ft. or 1.94 mi., under R. D. I. No. 255, with Willite pavement, etc. Bids noted issue June 20.

LOS ANGELES, Cal.—Wells & Bressler, 3 California Bank Bldg., Santa Ana, were awarded contr. by county supervisors at \$22,886 for improving Washington Blvd., bet. Culver City and Venice (County Imp. No. 45), 12,955 ft. or 2.45 mi., involving 86,392 sq. yds. conc. paving and other incidental items. Bids noted June 27.

LOS ANGELES, Cal.—Ord. of Inten. adopted by city council June 20, to improve under 1911 act the following: 63rd St., bet. Normandie and John Ave., involving grading, oiling, cem. conc. pavement, curb, walk and gutter; No. 49,022.

Alley nw from Naomi Ave., bet. 23rd and 24th Sts., involving grading, remod. of oil surface; cem. conc. pavement; curb; No. 49,021.

BEVERLY HILLS, L. A. Co., Cal.—Until noon July 9, bids will be rec. by Hogue-Reynolds Co., 416 Beverly Dr., Beverly Hills, for constructing curbs, gutters, conc. paving and oil macad. paving in 3rd Imp. District. Bids in contemplation desired. Salisbury, Bradshaw & Taylor, consulting engs., Mortgage Guarantee Bldg., Los Angeles.

LOS ANGELES, Cal.—P. J. Akmadzich, 821 Yale St., submitted low bid to board of public works June 30 at \$10,600 for constructing sewer in Hyperion Ave., bet. 427 ft. and 335 ft. n. e. of Adrian St., bet. Normandie and John Ave. Other bids were: John Artukovich, \$12,200; M. Miller, \$12,339; Chas. T. Salata, \$13,250; Leo Milechik, \$13,500; J. M. Derenia, \$14,100; Martin G. Erlich, \$16,316; M. Simunovich, \$16,177; Ing. Zarubica & Wilson, \$17,200; bid of Thomas E. Young not declared; not signed.

SAN JOSE, Santa Clara Co., Cal.—City Council have ordered the following: James St., bet. 11th and 17th, excepting intersections with 12th, 13th, 14th, 15th and 16th sts.; Vine bet. Park Ave. and San Carlos, and Jackson bet. First and 11th.

PORTLAND, Ore.—Following bids were rec. by U. S. Bureau of Public Roads for imp. Randle-Yakima forest road, Gold Creek section, Rainier national forest, Kittitas county, Washington, 3.4 miles of grading and surfacing, 18-ft. road:

Williams & Douglas, Tacoma	.....\$103,965
Ivins, Rosten, Portland	.....115,242
Woodruff & Wilson, Sunnyside	.....126,337
Thos. Dingle, Yakima	.....105,817
Morrison-Knudson, Boise	.....126,825
W. J. Doust, Spokane	.....114,751
Campbell Const. Co., Sunnyside	.....127,245
Hardy Richings, Yakima	.....131,567
Randle-Yakima forest road, Purcell Creek section, Rainier national forest, Lewis county, Washington, 4.4 miles of grading, draining and surfacing, 16-foot road	.....
Borrison-Knudson, Boise	.....\$139,660
M. J. Conley, Portland	.....136,775
Runney & Jordan, Seattle	.....103,949
Williams & Douglas, Tacoma	.....103,949
Bogachiel river bridge, Olympia national forest, Clallam county, Washington. One 240-foot steel truss span and one 37-foot, 6-inch and one 52-foot 6-inch steel arch spans	.....
Geo. F. Reeves, Portland	.....\$52,725
Chris Kuppel, Port Angeles	.....57,409
C. M. Wiley, Everett	.....62,633
Lindstrom & Feigenson, Port Angeles	.....48,499
Strong & McDonald, Tacoma	.....91,779
Eric Anderson, Port Angeles	.....59,400
J. J. Baldran, Spokane	.....51,074
Portland Portland Cement Co., Portland	.....49,971
Union Bridge Co., Portland	.....47,993
J. W. Sadler, Portland	.....47,949
Illinois Steel Bld. Co., Spokane	.....62,912

EUREKA, Humboldt Co., Cal.—City Council has ordered Walter Kildale, City Clerk, to advertise bids for const. of imp. of Second St. from H to M Sts., and Myrtle Ave., from 4th to 7th Sts., by paving, Harry H. Hannahan is city engineer.

SACRAMENTO, Sacramento Co., Cal.—City Council declares Inten. to imp. 11th Ave., from 40th to 42nd St., involv. const. vit. ironstone pipe wyes, c. manholes, cast iron curbs and covers. H. G. Denton, clerk. 1911 Act Res. No. 1912.

HOLLISTER, San Benito Co., Cal.—Road improvements have been arranged for by the supervisors of this county which will aggregate hard surface finish on seven and a half miles and a water bound macadam on another mile and one quarter. The roads to be improved are: Tres Pinos-Hollister road, four miles; Tres Pinos-South Side road, one-half mile; Cienega-Union District road, two miles and San Juan-Hollister road, one and one-fourth miles. State aid, from the gasoline tax, is expected to cover approximately one-half of the entire cost within the year.

LOS ANGELES, Cal.—Martin G. Erlich, 308 Douglas Bldg., submitted low bid to board of public works June 30 at \$16,216 for constructing sewer in 62nd St., bet. Normandie Ave. and 120 ft. west of Budlong Ave. Other bids were: Leo Milechik, \$16,733; Stroud Bros. & Seabrook, \$17,538; John Artukovich, \$17,700; M. Simunovich, \$18,487; P. J. Akmadzich, \$18,475; B. Pece, \$18,475; J. M. Derenia, \$19,000; B. Granchich, \$19,100; M. Miller, \$19,143; Chas. T. Salata, \$19,400; Frank H. Brigham, \$19,576; S. Zarubica and B. Radish, \$21,500; Nick Artukovich, \$21,800.

SAN JOSE, Santa Clara Co., Cal.—At meeting of City Council petition to improve Park Avenue, between Delmas Avenue and the westerly city limits, was granted.

LOS ANGELES, Cal.—Leo Milechik, 610 West 54th St., submitted low bid to board of public works June 30 at \$12,933 for constructing sewer in Templeton St., bet. 1st and 2nd Sts., and Portola Ave. Other bids were: John Artukovich, \$14,400; Frank H. Brigham, \$16,490; J. M. Derenia, \$16,800; Chas. T. Salata, \$16,800; M. Miller, \$17,278; Martin G. Erlich, \$17,700; S. Zarubica and B. Radish, \$18,100; Tomich & Badnor, \$18,835; P. J. Akmadzich, \$19,870; bid of Thomas E. Young not declared; not signed.

SAN JOSE, Santa Clara Co., Cal.—City Council orders plans and specifications for the improvement of Eighth between Empire and Taylor streets.

LOS ANGELES, Cal.—John Artukovich, 614 N. Parker St., Ave. submitted low bid to board of public works June 30, at \$14,695 for constructing sewer in Bouet St., bet. Amador St. and Brooks Ave. Other bids were: M. Miller, \$15,500; Frank H. Brigham, \$15,900; Martin G. Erlich, \$18,850; J. M. Derenia \$30,000; Leo Milechik, \$59,500.

INGLEWOOD, L. A. Co., Cal.—Until 8 p. m., July 14, bids will be rec. by city trustees for improving Osage Ave. bet. Severance St. and Arbor Vitae St., involving 173,301 sq. ft. grading (618 cu. yds.); 4901 ft. curb; 24,532 sq. ft. walk; 388 sq. ft. gutter; 95,652 sq. ft. 5-in. macad.; 160 sq. ft. class B oiling; 1911 act and 1915 bond imp. act. Arthur W. Cory, city eng.

EUREKA, Humboldt Co., Cal.—A contract for the widening of the Lord-Ellis road was let by the County Board of Supervisors to Smith Brothers, at \$36 yd. abut. 20,000 yds. of the road will be widened.

EUREKA, Humboldt Co., Cal.—Board of Sup. award contract to A. & J. Fairbanks, 625 Market St., San Francisco, to const. 6 mi. road bet. Hoopa and Willow Creek in Rd. Dist. No. 5. Bid \$48,250. A. J. Hogan, county surveyor. Fred W. Kay, clerk.



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The Mercury Press

818 Mission Street
San Francisco

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2827	Myer	Owner	4000
2828	Same	Owner	16000
2829	Bracken	Owner	6000
2830	Donovan	Owner	3000
2831	Kennedy	Meinberger	4000
2832	Vodden	Owner	8000
2833	Bassetti	Spiz	11,950
2834	Owl	Duval	15000
2835	Smith	Owner	3750
2836	White	Cox	5000
2837	Demartini	Owner	11000
2838	Curtaz	Hebing	8000
2839	Gormick	Warden	24500
2840	Dohrmann	Hannah	15319
2841	Kennedy	Meinberger	5875
2842	Crocker	Owner	4500
2843	Crocker	Owner	3800
2844	Dowling	Owner	15000
2845	Lindemann	Lindemann	7000
2846	Ross	Ross	3000
2847	Swickard	Ideal	3750
2848	Hall	Hamill	16000
2849	Johnson	Owner	20000
2850	Nelson	Owner	3000
2851	Rednall	Owner	10000
2852	Raskin	Owner	10000
2853	Duluy	Owner	3000
2854	Radio	Decker	—
2855	Radio	Henderson	11424
2856	Costello	Jensen	7000
2857	McCarthy	Owner	6000
2858	R C Archbishop	Goodwin	2000
2859	Hunt	Helbing	3000
2860	Stanford	Wagner	1100
2861	Costello	Owner	3000
2862	La Societe	Larsen	34350
2863	P G & E Co.	Windelch	12310
2864	Commercial	Universal	4000
2865	Swift	Owner	3500
2866	Swift	Owner	3500
2867	Hardeman	Ostland	1750
2868	Gaehwiler	Mitchell	1000
2869	Straub	Carney	6000
2870	Pichetto	Owner	24000
2871	Warwick	Owner	4000
2872	O'Hara	Olson	24860
2873	Herzog	Nelson	10100
2874	Lee	Thorinson	7481
2875	Jonas	Fink	5000
2876	Lederman	Meyer	33000
2877	Munroe	Mission	74138

2888	Munroe	Gibbs	\$789
2889	Munroe	Cohn	4470
2890	Munroe	Klimm	3240
2891	Munroe	Peterson	2476
2892	Medico	Crowe	16215
2893	De Martini	De Martini	12750
2894	Stock	Owner	25000
2895	Morris	Owner	4000
2896	Same	Owner	5000
2897	Johnson	Owner	7000
2898	Behan	Meyer	4000
2899	Welch	Owner	1300
2900	Musicians	Jensen	80000
2901	McDonough	Owner	25000
2902	Landi	Warden	3000
2903	Morris	Owner	4000
2904	Cavey	Mattock	8420
2905	Pacific	Capitol	1105
2906	O'Hara	Olson	24860
2907	Westgate	Papenhausen	8740
2908	Medico	Malott	750
2909	Same	Eisele	19446
2910	Loller	Ward	2138

(2837) E AVILLA 120 N Chestnut. One-story and basement frame dwelling.

Owner—Meyer Bros., 1 Montgomery St., San Francisco. Architect—None. \$4000

DWELLINGS
(2838) E AVILA 75, 95, 145 and 165 N Chestnut. Four one-story and basement frame dwellings.

Owner—Meyer Bros., 1 Montgomery St., San Francisco. Architect—None. \$4000 each

DWELLING
(2839) E COLLEGE AVE. — S Murray St. (St. Marys Park). One-story and basement frame dwelling.

Owner—Wm. Bracken, 1 Montgomery St., San Francisco. Architect—None. Contractor—Meyer Bros., 1 Montgomery St., S. F. \$6000

DWELLING
(2840) E ELEVENTH AVE 200 N Kirkham. One-story and basement frame dwelling.

Owner—R. J. Donovan, 539 Hugo St., San Francisco. Architect—None. \$3000

DWELLING
(2841) E FORTY-FIRST AVE 250 S Cabrillo. One-story and basement frame dwelling.

Owner—Don Kennedy, 5423 Geary St., San Francisco. Architect—None. Contractor—H. S. Meinberger, 653 15th Ave., San Francisco. \$400

DWELLINGS
(2842) E FORTY-SECOND AVE 150 and 175 N Fulton. Two one-story and basement frame dwellings. Owner—Walter G. Vodden, 1135 Cabrillo St., San Francisco. Architect—None. Contractor—Walter G. Vodden, 1135 Cabrillo St., S. F. \$4000 each

(2843) W LANGTON 250 S Howard. Two-story and basement frame (4) flats. Owner—M. Bassetti, 52 Langton St., San Francisco. Architect—John Foley, 770 5th Ave., San Francisco. Contractor—Gustav Spiz, 56 Langton St., S. F. \$11,896

ALTERATIONS
(2844) NO. 912-918 MARKET. Remove present store fronts; construct new fronts, balcony at front and rear of store to be built. Owner—Owl Drug Co., 611 Mission St., San Francisco.

Architect—Ward & Blohme, 454 California St., San Francisco. Contractor—Oliver Duval & Son, 216 Dalziel Bldg., Oakland. \$15,000

ALTERATIONS
(2845) SW NINETEENTH AVE AND Kirkham. Raise building and alter into (2) flats. Owner—Joseph J. Smith, 1501 19th Ave., San Francisco. Architect—Geo. H. Wiemeyer, 57 Post St., San Francisco. \$3750

STORE
(2846) E NINTH AVE 150 S Irving. One-story and basement frame store. Owner—Mrs. M. White, 1285 28th Ave., San Francisco.

Architect—None. Contractor—Cox Bros., 1309 9th Ave., San Francisco. \$5000

FLATS
(2847) W POWELL 115 S Greenwich. Three-story and basement frame (2) flats.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—M. Demartini, 1920 Mason St., San Francisco.
 Architect—P. F. Demartini, 946 Broadway, San Francisco.
 Contractor—P. Demartini, 2869 Octavia St., San Francisco. \$11,000

STORES
 (2848) SW SEVENTH AND NATOMA.
 One-story and basement concrete stores.
 Owner—Oscar H. Curtaz, 5 Parnassus Ave., San Francisco.
 Architect—None.
 Contractor—The Helbing Co., 1322 Lombard St., S. F. \$2000

BUILDING
 (2849) NW PIERCE & FULTON II
 108.6 x W 48. All work except plastering, plumbing, heating, painting and inside tile electric wiring and finish hdw. wall beds and shades and iron grill for 3-story and basement frame building.
 Owner—A. F. McCormick, 945 Buchanan St., San Francisco.
 Architect—Edw. E. Young, 2002 Calif. St., San Francisco.
 Contractor—F. Warden, 1515 11th Ave., San Francisco.
 Filed June 26, '24. Dated June 25, '24.
 Frame up \$6225
 Brown coated 6225
 Completed and accepted 6225
 Usual 35 days 6225
TOTAL COST, \$24,450
 Bond, \$12,450. Sureties, Chas. Monson & S. L. Forsyth. Forfeit, none. Limit, 90 days. Plans and specifications filed. NOTE—Permit reported May 8, 1924. No. 2110.

EXCAVATION ETC
 (2850) FIFTH AND BLUXOME. Excavation and piling for wholesale store and warehouse building.
 Owner—Dohrmann Commercial Co., Stockton and Geary, San Francisco.
 Architect—Ashley & Evers, 58 Sutter St., San Francisco.
 Contractor—Hannah Bros. 142 Sansome St., San Francisco.
 Filed June 26, 1924. Dated June 25, 1924.
 Usual 35 days 75%
TOTAL COST, \$15,419
 Bond, none. Forfeit, \$25; Limit, 30 days. Plans and specifications filed.

RESIDENCE
 (2851) E 41ST AVE 250 S CABRILLO
 S 25 x E 127. One-story residence and garage.
 Owner—Donald S. & Olive E. Kennedy, 1823 8th Ave., San Francisco.
 Architect—None.
 Contractor—H. S. Meinberger, 5720 California St., San Francisco.
 Filed June 26, '24. Dated June 24, '24.
 Rough frame up \$1469
 Brown coated 1469
 Completed and accepted 1469
 Usual 35 days 1469
TOTAL COST, \$5876
 Bond, none. Sureties, none. Forfeit, none. Limit, 100 days. Plans and specifications, none.

DWELLING
 (2852) NE COR. CHICAGO AND NAYLOR. 1-story and basement frame dwelling.
 Owner—Crocker Estate Co., 525 Crocker Bldg., S. F. \$4500
 Architect—None.

DWELLING
 (2853) SW COR. CONGO AND STILLINGS. 2-story and basement frame dwelling.
 Owner—Crocker Estate Co., 525 Crocker Bldg., S. F. \$3800
 Architect—None.

APARTMENTS
 (2854) SW COR. DIVISADERO AND LOMBARD. 3-story and basement frame 6 apartments.
 Owner—Dowling-Nuttman & McCarthy, 261 Valencia St., S. F.
 Architect—G. A. Berger, 261 Valencia St., S. F. \$15,000

FLATS
 (2855) E EIGHTEENTH AVE. 100 S Clement. 2-story and basement frame flats.
 Owner—H. O. Lindemann, 619 27th Ave., San Francisco.
 Architect—None.
 Contractor—W. R. Lindemann. \$7000

DWELLINGS
 (2856) E FIFTEENTH AVE. 50, 75 and 165 S Judah. Three 1-story and basement frame dwellings.
 Owner—L. H. Ross, 1440 15th Ave., S. F.
 Architect—Chas. E. J. Rogers, Phelan Bldg., S. F.
 Contractor—D. W. Ross, 120 Jessie St., San Francisco. \$3000 each

DWELLING
 (2857) W FORTY-SEVENTH AVE. 225 S Lawton. 1-story and basement frame dwelling.
 Owner—E. Swickard, % contractor.
 Architect—None.
 Contractor—Ideal Bldg. Co., 992 Pine St., S. F. \$3750

FLATS
 (2858) W FORTY-THIRD AVE. 150 and 175 S Balboa. Two 2-story and basement frame flats, 2 flats each building.
 Owner—R. G. Hall, 6140 Geary St., San Francisco.
 Architect—None.
 Contractor—Thos. Hamill, 6140 Geary St., S. F. \$8000 each

APARTMENTS
 (2859) SE COR. FRANCISCO AND VAN NESS AVE. 3-story and basement frame 11 apts.
 Owner—Axel A. Johnson, 632 Belvedere St., S. F.
 Architect—J. C. Hladik, Monadnock Bldg., S. F. \$20,000

DWELLING
 (2860) N HOLLOWAY AVE. 100 W Granada. 1-story and basement frame dwelling.
 Owner—Albert Nelson, 242 Jules Ave., San Francisco. \$3000
 Architect—None.

FLATS
 (2861) W LAGUNA 55 S FILBERT. 2-story and basement frame 2 flats.
 Owner—W. W. Rednall, 2500 Filbert St., San Francisco. \$10,000
 Plans by owner.

APARTMENTS
 (2862) S DAK 138 W CENTRAL AVE. 2-story and basement frame 4 apts.
 Owner—S. Raskin, 731 Baker St., S. F.
 Architect—J. C. Hladik, Monadnock Bldg., S. F. \$10,000

DWELLING
 (2863) E SOTELLO 150 S YOSEMITE. 2-story and basement frame dwlg.
 Owner—Fred K. Du Puy, 1171 Market St., S. F.
 Architect—D. C. Coleman, 110 Sutter St., S. F.
 Contractor—Fred Du Puy, 1171 Market St., S. F. \$3000

ALTERATIONS
 (2864) SEVENTH FLOOR, 28 Geary St. All work for offices required on specifications.
 Owner—Radio Corporation of America, 200 California St., S. F.
 Architect—Jos. J. Rankin, 1937 Broadway, S. F.
 Contractor—The Decker Electrical Construction Co., 149 New Montgomery St., S. F.
 Filed June 27, 1924. Dated June 26, 1924.
 As work progresses monthly. 75%
 Usual 35 days Balance
TOTAL COST—Owner's bid to contractor actual cost plus 15% for over head plus 10% for profit.
 Bond, sureties, forfeit, limit, none. Plans and specifications not filed.

(2865) ALL WORK REQUIRED IN plans and specifications on above.
 Contractor—W. D. Henderson, Monadnock Bldg., S. F.
 Filed June 27, 1924. Dated June 26, 1924.
 Payments same as above.
TOTAL COST, \$11,424
 Bond, sureties, forfeit, limit, none. Plans and specifications not filed.

FLAT, ETC.
 (2866) S MISSION 50 W Excelsior Ave. Two-story and basement frame store and flat.
 Owner—M. Costello, % Contractor.
 Architect—Walter Faich, Hearst Bldg., O
 Contractor—G. P. W. Jensen, 320 Market St., San Francisco. \$7000

DWELLINGS
 (2867) W FUNSTON AVE 150 and 175 N Kirkham. Two one-story and basement frame dwellings.
 Owner—John E. McCarthy, 1479 12th Ave., San Francisco.
 Architect—None.
 Contractor—John E. McCarthy, 1479 12th Ave., S. F. \$3000 each

ALTERATIONS
 (2868) N GREEN 90 W Steiner. Alterations; add to front of present building.
 Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
 Architect—Shea & Shea, Chronicle Bldg., San Francisco.
 Contractor—T. B. Goodwin, 180 Jessie St., San Francisco. \$2000

GARAGE
 (2869) E OCTAVIA bet. California & Pine. One-story frame private garage.
 Owner—M. A. Hunt, 1332 Lombard St., San Francisco.
 Architect—None.
 Contractor—The Helbing Co., 1322 Lombard St., S. F. \$3000

VAULT
 (2870) N SACRAMENTO—E Webster. Concrete film vault for storage.
 Owner—Stanford University Hospital, Premises.
 Architect—Bakewell & Brown, 261 Kearny St., San Francisco.
 Contractor—Charles Wagner, 181 South Park St., San Francisco. \$1100

(2871) W THIRTY-THIRD AVE 225 S Balboa. One-story and basement frame dwelling.
 Owner—William Costello, 758 29th Ave., San Francisco.
 Architect—None. \$3000

ALTERATIONS
 (2872) BLK EDED BY GEARY, ANZA Sts., 5th and 6th Aves. All work for alterations and additions to buildings.
 Owner—La Societe Francaise de Bien-faisance Mutuelle, Premises.
 Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco.
 Contractor—H. H. Larsen Co., Monadnock Bldg., San Francisco.
 Filed June 28, '24. Dated June 25, '24.
 Rough brick and rough plumbing completed \$2587
 Brown coated 8587
 Completed and accepted 8588
 Usual 35 days 8588
TOTAL COST, \$34,350
 Bond, \$17,175. Sureties, Chris. Berg and Gordon Chamberlin. Limit, 95 days. Forfeit, \$25. Plans and specifications filed.

GAS PLANT
 (2873) BEG 710 N 85° 40 E 135 N 4° 20 W from SE Humboldt & Georgia. All work for seven wooden pillars at Potrero Gas Plant.
 Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
 Architect—None.
 Contractor—George Windeler Co., 8th and Hooper Sts., S. F.
 Filed June 28, '24. Dated June 1E, '24.
 On completion 75%
 Usual 35 days 25%
TOTAL COST, \$13,210
 Bond, \$6610. Surety, United States Fidelity & Guaranty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(2874) NW COLUMBUS AVE. AND Green. Alterations to stores and flats.
 Owner—Commercial Center Realty Co., 916 Kearny St., San Francisco.
 Architect—M. J. Lyons, 916 Kearny St., San Francisco.
 Contractor—Universal Construction Co., 916 Kearny St., S. F. \$4000

(2875) N KIRKHAM 120 W 19th Ave. 1-story frame dwelling.
 Owner—Edward D. Swift, 1372 Mission St., San Francisco.
 Architect—None. \$3500

DWELLING
 (2876) N KIRKHAM 95 W 19th Ave. 1-story frame dwelling.
 Owner—Edward D. Swift, 1372 Mission St., S. F. \$3500
 Architect—None.

ALTERATIONS
(2880) 706 MARKET ST. Alterations hat store.
Owner—J. T. Hardeman Hat Co. Seattle
Washington
Architect—E. Gutschalk, Phelan Bldg., San Francisco.
Contractor—Ostland & Johnson, 1901 Bryant St., S. F. \$190

ALTERATIONS
(2881) S TWENTY-THIRD ST. 136 E Polson. Alterations to dwelling.
Owner—J. Gachwidler, 3667 23rd St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. \$1000

ALTERATIONS
NO. 25 GEARY ST. Alterations offices.
Owner—American Radio Corp., 300 Cal. St., San Francisco.
Architect—Jos. J. Rankin, Merchants Institute Building, S. F.
Contractor—W. D. Henderson, Monadnock Bldg., S. F. \$10,000
NOTE—Recorded contract reported June 28, 1924, No. 2864.

DWELLING
(2879) N JUSTIN DRIVE 95 E College. One-story frame dwelling.
Owner—Mr. Straub, San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varley, 850 Bush St., San Francisco. \$6000

APARTMENTS
(2882) W GREENWORTH 115-1 A N Sutter. Six-story Class C apartments.
Owner—C. W. Pichetto, Hotel Minster, San Francisco.
Architect—Not Selected yet. \$24,000

DWELLING
(2881) W PLYMOUTH AVE 125 N Grafton. One-story frame dwg.
Owner—C. C. Warwick, 1114-12 Powhattan St., San Francisco.
Architect—None.
Contractor—C. C. Warwick, 1114-12 Powhattan St., S. F. \$4000

FRAME BLDG.
(2882) NE FIFTEENTH AND GUERRERO. 30 X 70. All work for three-story and basement frame building.
Owner—P. J. and Margaret O'Hara, 3650-19th St., San Francisco.
Architect—None.
Contractor—C. Olson, 570 Guerrero St., San Francisco.
Filed June 30, 24. Dated June 26, 24.
Roof sheathing on.....\$8215
Brown coated.....6215
Completed and accepted.....6215
Usual 35 days.....6215
TOTAL COST, \$13,800
Bond, \$12,150. Sureties, N. George Wienholz and John Nelson. Limit, 120 days. Forfeit, none. Plans and specifications filed.

RESIDENCES
(2883) W FORTY-FIRST AVE 200 N Balboa. All work except furnaces and hot water heaters for two frame residences.
Owner—Dr. George Herzog and Rae Herzog, Flood Bldg., S. F.
Architect—None.
Contractor—Henry S. Nelson, 680 6th Ave., San Francisco.
Filed June 30, 24. Dated May 26, 24.
Roof on.....1
Plastering on.....1
Completed and accepted.....1
Usual 35 days.....1
TOTAL COST, \$10,100
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

FRAME BLDG.
(2884) LOT 16 ELK 5802 St. Marys Park. All work for one-story and basement frame building.
Owner—Jos. A. Lee, 21 College Ter., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Thorinson & Stoneson Bros., 2229 Sacramento St., S. F.
Filed June 30, 24. Dated June 13, 24.
Roof sheathing on.....\$1870.25
Brown coated.....1870.25
Completed and accepted.....1870.25
Usual 35 days.....1870.25
TOTAL COST, \$7481.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2885) 902 MARKET ST. All work for alterations and additions, windows, stairway and store premises on 2d cor.
Owner—Milton Jonas, 908 Market St., San Francisco.
Architect—None.
Contractor—The Fink & Schindler Co., 213 13th St., S. F.
Filed June 30, 1924. Dated June 28, 1924.
Completed and accepted, 75% of total cost, less 1st payment.
Usual 35 days.....Balance
TOTAL COST—Contractor to receive actual cost plus 10%, total not to exceed \$5000.
Bond, \$2500. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 21 days. Plans and specifications filed.

DWELLINGS
(2886) E EIGHTEENTH AVE. 130 S Lawton Ave. S 202 x E 120. All work for six 1-story and basement frame dwellings.
Owner—Lederman Building Co.
Architect—Gustave Stahlberg, Flatiron Bldg., S. F.
Contractor—Meyer Bros., 1 Montgomery St., S. F.
Filed June 30, 1924. Dated June 20, 1924
Frame up.....\$3250
Brown coated.....2250
Completed.....850
Usual 35 days.....250
TOTAL COST, \$33,000
Bond, \$12,000. Sureties, The Aetna Casualty & Surety Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

APARTMENTS
(2887) N GEARY 75 E Hyde E 37-6 N 137-6 W 25 S 50 W 12-6 S 87-6. All work except electric work, shades, plumbing, steam heating, painting, electric fixtures, wall beds and elevator for 8-story and basement concrete apartment house.
Owner—Chas. A. Munroe, 2401 Mission St., S. F.
Architect—August G. Headman, Call Bldg., S. F.
Contractor—Mission Concrete Co., 125 Kissling, S. F.
Filed June 30, 1924. Dated June 26, 1924
1st floor joists in place.....\$4000
3rd floor joists in place.....4500
5th floor joists in place.....4000
Concrete fire walls poured and roof on.....5034
1st coat plaster on.....9000
4th, 5th & 6th floors ready for plaster.....9534
2nd, 3rd & 6th floors ready for painter.....9535
Completed and accepted.....10,000
Usual 35 days.....18138
TOTAL COST, \$74,138

Bond, \$37,300. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, \$25. Limit, 6 months. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor—J. Gibbs Sons, 1706 Geary St., S. F.
Filed June 30, 1924. Dated June 26, 1924
Roughing in done.....\$3800
Built in tubs in.....1400
Plumbing completed & accepted 1391
Usual 35 days.....2793
TOTAL COST, \$7793
Bond, \$4395. Sureties, Morris Gibbs & A. Morris. Forfeit, \$25. Limit, 70 days. Plans and specifications filed.

PAPERING, PAINTING AND tinting on above.
Contractor—M. Cohn & Co., 1036 Gold- en Gate Ave., S. F.
Filed June 30, 1924. Dated June 26, 1924
Interior wall work has two coats.....\$1000
Job ready for papering.....1130
Accepted.....1220
Usual 35 days.....1120
TOTAL COST, \$4470

Bond, \$2235. Sureties, Hartford Accident & Indemnity Co. Forfeit, \$25. Limit, 45 days. Plans and specifications filed.

ELECTRICAL WORK ON above.
Contractor—Frank J. Klimm Co., 1242 8th Ave., S. F.
Filed June 30, 1924. Dated June 26, 1924
Roughed in.....\$1215
Completed and accepted.....1215
Usual 35 days.....810
TOTAL COST, \$2240

Bond, \$1620. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, \$25.00. Limit, 60 days. Plans and specifications filed.

STEAM HEATING AND DOMESTIC hot water system on above.
Contractor—Chris Petersen, as C. Petersen Co., 390 6th St., S. F.
Filed June 30, 1924. Dated June 26, 1924
Roughed in.....\$928
Completed and accepted.....929
Usual 35 days.....2476
TOTAL COST, \$2476
Bond, \$1240. Sureties, New Amsterdam Casualty Co. Forfeit, \$25.00. Limit, 45 days. Plans and specifications filed.

GLASS, ETC.
(2892) NE POST AND MASON. All work for glass and glazing.
Owner—The Mexico Dental Bldg. Corp., 301 First National Bank Bldg., S. F.
Architect—Geo. W. Kelham & Wm. G. Merchant, Sharon Bldg., S. F.
Contractor—Crows Glass Co., 574 Eddy St., S. F.
Filed June 30, 1924. Dated June 26, 1924
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, \$16,215
Bond, 16,215. Sureties, Globe Indemnity Co. Forfeit, limit, none. Plans and specifications not filed.

FRAME BLDG.
(2893) W POWELL 115 S Greenwich S 22-6 x W 70. All work except lighting fixtures and shades.
Owner—Candido and Mario De Martini, 1930 Mason St., S. F.
Architect—Paul F. De Martini, 946 Broadway, S. F.
Contractor—Paul De Martini, 2869 Octavia St., S. F.
Filed June 30, 1924. Dated June 28, 1924
Frame up.....\$3185
Brown coated.....3185
Completed and accepted.....3185
Usual 35 days.....3185
TOTAL COST, \$12,750
Bond, sureties, forfeit, none. Limit, 100 days after July 1, 1924. Plans and specifications filed.

APARTMENTS
(2894) NE CHESTNUT AND LAGUNA. Three-story frame apartments.
Owner—Stock & Jose, 251 Kearny St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Stock & Jose, 251 Kearny St., San Francisco. \$25,000

DWELLING
(2895) E DE SOTO 65 S Urbano Drive. One-story frame dwelling.
Owner—G. W. Morris, 101 Urbano Dr., San Francisco.
Architect—G. W. Morris, 101 Urbano Drive, San Francisco.
Contractor—G. W. Morris, 101 Urbano Drive, S. F. \$4000

DWELLING
(2896) NW ENTRADA AND BORICA. One-story frame dwelling.
Owner—G. W. Morris, 101 Urbano Dr., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—G. W. Morris, 101 Urbano Drive, San Francisco. \$5000

NOW READY FOR DELIVERY—PRIDDE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabricated covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.
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June 27, 1924—NO. 2354-36 MISD
Roy Van Vleit to Henry Ja
and W K Irvine..... June 13,
June 27, 1924—S FELL 137-6 E Pie
E 55xS 137-6. Edith A Schind
to whom it may concern. June 2

Recorded	Accepted
June 25, 1924 - W VAN NESS AVE	
137-6 N Lombard 27-6x150.	J H
Verber to whom it may concern.....	June 25, 1924
June 25, 1924 - S SE RICHLAND AVE	
and Murray S 25x100. John L Gil-	
more to whom it may concern.....	June 25, 1924
June 25, 1924 - E FUNSTON BLVD	
and Lake. W R Voorhies to whom	
it may concern.....	June 25, 1924
June 25, 1924 - S MARKET ST.	
S..... Pacific Co to Chas S	
Delaney.....	June 19, 1924
June 25, 1924 - E GUERRERO 25x	
18th 49-6x112 - Henry J and Hattie	
Gilling to Emil Nelson. June 24, 1924	
June 25, 1924 - S PACIFIC AVE 165	
W Broderick W 55xS 127-7x100	
and Bella Schwartz to W Hardy	
.....	June 25, 1924
June 25, 1924 - N MUNICH 136 W	
Cordova. J Rudolph to whom	
may concern.....	June 24, 1924

June 27, 1924—W TWENTY-THIRD 235 N Kirkham N 25xN 100. J H Brown to Meyer Bros. June 28, 1924
June 27, 1924—W TWENTY-THIRD Ave 210 N Kirkham N 25xN 100. G C Alfrey to Meyer Bros. June 28, 1924
June 27, 1924—March 19, 1924
June 27, 1924—TWENTY-FIRST Ave 250 S Clement S 25xN 120. H Lindner to P A Nelson. June 28, 1924
June 25, 1924—N FRANCISCO 125 W Octavia W 25xN 100. Edna B Stempel and Bessie Cooley to R J Stempel. June 24, 1924
June 25, 1924—W TREAT AVE 160 S 20th S 25xW 122-6. Francesco & Benedetta Ruggeri to whom it may concern. June 24, 1924
June 27, 1924—W BRYANT 375/2318 NE Third NE 50xN 155. Laurence A Myers to O W Britt. June 25, 1924
June 27, 1924—E NINETEENTH AV 20th NE 25x120. Martin C and Gladys G. Ahkman to F J Davis. June 25, 1924
June 27, 1924—S SEVENTEENTH 162-6 E Mission E 50xS 110. Redlock Newman Co to John Sparr. June 25, 1924
June 27, 1924—S BROADWAY 77-25 E Octavia E 25 S 133-8 W 25 N 132-6. Margaret J Moffitt to J Filippis. June 11, 1924
June 27, 1924—SE LONDON 125 SW Excelsior Ave SW 25xSE 100 Ptn Lot 1 Blk 13, Excl. Hd. Assn. Daniel Sullivan to whom it may concern. June 25, 1924
June 27, 1924—LOT 25 BLK 2817, F A Hill Co to J P Schemp to Wilson & Benson. June 27, 1924
June 27, 1924—W SIXTEENTH AVE 234 N Kirkham N 33x120. Francis W Vail to whom it may concern. June 25, 1924
June 27, 1924—LOT 25 A AND 26 Blk 16, Forest Hill. Roy E Relgie to whom it may concern. June 25, 1924
June 28, 1924—N NEY 275 W Congdon. W J Metter to Alfred J Kronquist. June 24, 1924
June 28, 1924—N SILVER AVE 25 E from Craut. J Davock to Alfred J Kronquist. June 28, 1924
June 28, 1924—N BROADWAY 92 W Hyde W 45-6XN 137-6. E J Montgomery to whom it may concern. June 27, 1924
June 28, 1924—S CALIFORNIA 108 W 17th Ave 25x100. Menal Granow to G E Watson. June 24, 1924
June 24, 1924—JOOST & HAMBURG Lot 8 Blk 6, Sunnyside. Albert C and Gladys L Honnert to Anderson M E. June 24, 1924
June 28, 1924—SW CORDOVA AND Prague S 25 W 99.03 N 40° 34' 20" W 28.66 E 97. Crocker Estate Co to whom it may concern. June 24, 1924
June 28, 1924—LOT 5 BLK 6739, Adds to Mission and 30th Sts. Extn Hd. Crocker Estate Co to whom it may concern. June 24, 1924
June 28, 1924—LOT 2 BLK 6148, Crocker Amazon Tract Sub. No. 2. Crocker Estate Co to whom it may concern. June 24, 1924
June 28, 1924—LOT 3 BLK K 38, Crocker Amazon Tract Sub. No. 2. Crocker Estate Co to whom it may concern. June 24, 1924
June 28, 1924—LOT 10 BLK 16, Crocker Amazon Tract. Crocker Estate Co to whom it may concern. June 24, 1924
June 28, 1924—E TENTH 240 S Mission 40 on 10th by 113-4. Fred W Hest to J H Hill. June 28, 1924
June 28, 1924—CO THIRTY-EIGHTH Ave 280-3 N Cabrillo N 25xW 120. F A Gawthorne to whom it may concern. June 24, 1924
June 28, 1924—E FORTY-8 N hawk Ptn Lots 31 and 30 Blk 1, West End Map 1. Olga McDevitt to John Uskoiu. June 25, 1924
June 28, 1924—NE CRAUT & SILVER Ave J Davock to Alfred J Kronquist. June 28, 1924
June 30, 1924—N LOMBARD 80 W Franklin W 25xN 100. Monty N Nathan and A S Bugbee to whom it may concern. June 29, 1924
June 30, 1924—SE LONDON 175 SW France SW 25xSE 100 Ptn Lot 9 Excl Hd Assn. Willis Cline to whom it may concern. June 27, 1924
June 30, 1924—E CHURCH 95-8 N 24th N 25xSE 100. B Cassou to Paul De Martini and Geo Haul. June 26, 1924

June 30, 1924—LOTS 7, 8, 9, 10 AND 11 Blk C, Mission Terrace. Walter E Hansen to whom it may concern. June 27, 1924
June 30, 1924—NE LOMBARD AND Franklin N 37xN 87-6. G A Metcalfe to whom it may concern. June 28, 1924
June 30, 1924—W FORTIETH AVE 25 N Cabrillo N 75xW 83-4. David Leigh to whom it may concern. June 28, 1924
June 30, 1924—E FORTY-FOURTH Ave 260 N Cabrillo N 35xN 120. Benjamin Schnier to whom it may concern. June 26, 1924
June 30, 1924—LOT 17 BLK 8107, Westwood Park. Hans and Esther E Nelson to whom it may concern. June 26, 1924
June 30, 1924—S SEVILLE 89.11 E Cordova 25x100. S Seville 114-11 E Cordova 25x100. G A Metcalfe to whom it may concern. June 27, 1924
June 30, 1924—E NINETEENTH AVE 105 S Quintara S 25x100. John Westby and Hans Hansen to whom it may concern. June 27, 1924
July 1, 1924—N FRANCISCO 95 W Octavia 30x100. Strand & Strand to whom it may concern. July 1, 1924
July 1, 1924—LOT 54 Map Lyon & Hoag St. John Man and Esther R Lapham to whom it may concern. June 26, 1924
July 1, 1924—E TENTH 125 S Harrison 50x100. Willa M Hasbrook to J H Hill. June 26, 1924
July 1, 1924—NE BUCHANAN AND Magnolia 30 on Buchanan and 80 on Magnolia. Frank J Krejcek to Magnuson & Peterson. July 1, 1924
July 1, 1924—E FRANKLIN 77-6 N Francisco 25x124. Pedar P Johnson to whom it may concern. June 26, 1924
July 1, 1924—LOT 17 BLK 8107, Francis Wood. Charles T Spader to Willis L Gott. June 28, 1924
July 1, 1924—E EUREKA 245 N 20th 30x120. Katherine F Collopy to Theodore Merz. June 26, 1924
July 1, 1924—S THERESA 11-6 E Alemany Ave. Frank Olmo to whom it may concern. June 30, 1924
July 1, 1924—NO. 3037-39 TWENTY-second. Elizabeth F Moore and San Francisco Savings & Loan Society to Fontanella & Teza. June 1, 1924
July 1, 1924—S THERESA 65-6 E Alemany Ave. Frank Olmo to whom it may concern. June 30, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
June 23, 1924—SE MISSION 155-11 NE Ninth NE 39-7% SE 80 SW 0-6% SE 80 SW 40 NE 75 NE 0-11 NW 85. H C Baumann and Edw Jose vs F J Klenck. June 24, 1924
June 28, 1924—W EDNA 25 N Staples N 75xW 100. John Stura vs W P Goss. June 24, 1924
June 30, 1924—TWENTY-NINTH 1211-1 Church W 30xN 114. Eureka Sash, Door & Moulding Mills vs Angelo D and Giovanni Faggio and Geo M Merritt Bldg Co. June 28, 1924

RELEASE OF LIENS

SAN FRANCISCO COUNTY

July 1, 1924—SW FIFTH 240-7% SE Harrison SE 34-4xSW 137-6. G M Magill & Co to Charles F Schuetz Co and Max W Mindner. June 30, 1924
June 30, 1924—N FULTON 52-6 E Fifteenth Ave E 25xN 100. H Harrison to S Raskin. June 28, 1924

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

June 28, 1924—W POLK bet. Pacific Ave and Broadway. No. 2031 Polk. J A Alberti as to improvements on property. June 28, 1924
June 23, 1924—NE MASONIC AVE 25 SE Java SE 25xNE 100. Caspar & Sophie Zwierlein as to improvements on property. June 28, 1924
June 26, 1924—W THIRD AVE 110 S Hugo S 25xW 120. Marie Ash as to improvements on property. June 26, 1924

June 26, 1924—NW POST AND Franklin W 54xN 137-6. Harry Block Est Co as to improvements on property. June 26, 1924

RELEASE OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

June 30, 1924—NE FIFTEENTH & Guerrero E 30xN 70. P J O'Hara with C Olsen. Releasing building contract executed June 26, 1924.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3378	Berkeley Hebrew	Ortizon	650
3379	Hall	Edgerton	200
3380	Thayer	Lucas	2565
3381	Williamson	King	900
3382	Gloor	Owner	9500
3383	Sprink	Owner	6000
3384	Berkeley Bldg.	Owner	2000
3385	Foubert	Frazier	3000
3386	Phinney	Patrick	8750
3387	Trampton	Helmes	3150
3388	Stone	Owner	5800
3389	Herriman	Falcon	6000
3390	Hazen	Hazen	6000
3391	E. Bay Title	Owner	35000
3392	Wust	Molema	3000
3393	Baker	Norgrove	4000
3394	Bowles	Saggriff	2000
3395	Howard	Brumfield	1000
3396	Wittkowski	Owner	2100
3397	Moebacker	Jensen	9000
3398	Denny	Rossell	1500
3399	Lipman	Security	1500
3400	Benjamin	Owner	1500
3401	Nance	Owner	3000
3402	Bettcher	Peters	2600
3403	Noble	Owner	4000
3404	Bonne	Peters	5700
3405	Taylor	Owner	3000
3406	Richards	Peters	6500
3407	Anderson	Sands	1400
3408	Kerigan	Kerigan	3500
3409	Croll	Owner	3500
3410	Laurence	Owner	2500
3411	Ferguson	Owner	3500
3412	Baldassari	Helms	5400
3413	Gilson	Lawton	3900
3415	Postel	Fish	16000
3416	Lewis	Pederson	2600
3417	Wilhelm	Andersen	4000
3418	Williamson	Smith	6000
3419	Oyster	Saunders	1500
3420	Smith	Jordan	1000
3421	Taber	Eaken	2450
3422	Chamberlain	Owner	1500
3423	Cody	Bernard	4200
3424	Lockwood	Rich	1400
3425	Lofstrom	Owner	5000
3426	Sacred Heart	Power	36000
3427	Serventi	Carlson	5000
3428	Bannerman	Owner	2750
3429	Barrell	Owner	2000
3430	Snow	McCrea	4750
3431	Hennings	Owner	10000
3432	Women's	Owner	4000
3433	Canciarulo	Peroni	9550
3435	Canciarulo	Peroni	9882
3436	James	James	2600
3437	Green	Owner	2700
3438	Fried	Ganbert	6000
3439	Ish	Graff	3000
3440	Heim	Owner	3000
3441	United	Valente	4000
3442	Wallace	Owner	6450
3443	Loomis	Graff	4000
3444	Cerrato	Valente	4000
3445	George	Dutra	4000
3446	Holmes	Owner	3000
3447	Litchfield	Trowbridge	4000
3448	Czeck	Gaubert	1500
3449	Newman	Owner	2500
3450	McGee	Allan	2175
3451	Kunz	Rogers	1500
3452	Alpha	Barr	3700
3453	Esperson	Owner	2500
3454	Weeks	Owner	8000
3455	Hebrank	Owner	50000
3456	Sherbourne	Owner	2200
3457	Leimner	Samnitz	2500
3458	Walter	Johnson	1000
3459	Nish	Beadell	10650
3460	Ferguson	Holindahl	18000
3461	Thomson	Owner	4000
3462	Hinman	Wiegman	2500
3463	Legriss	Owner	3870
3464	Nunes	Owner	1000
3465	Paunt	Phillips	3500
3466	Ekstrom	Lindquist	5000
3467	East Bay	East Bay	2500
3468	Nish	Beadell	10650
3469	Searle	Gossett	4550
3470	S. P.	Stevens	2388

CHURCH
(3378) NO. 1636 BANCROFT WAY,
Berkeley. Church.
Owner—Berkeley Hebrew Center, 2822
University Ave., Berkeley.
Architect—None.
Contractor—A. Ortizow, 3929 West St.,
Oakland. \$6500

ALTERATIONS
(3379) NO. 2960 CLAREMONT BLVD.,
Berkeley. Alterations and garage.
Owner—Frank Hall, Premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent
St., Berkeley. \$2000

ALTERATIONS
(3380) NO. 2708 CHANNING WAY,
Berkeley. Alterations and garage.
Owner—Mrs. Thayer, Premises.
Architect—None.
Contractor—T. T. Lucas, 2201 Ashby
Ave., Berkeley. \$365

GARAGE
(3381) NO. 2172 WRIGHT WAY, Ber-
keley. Garage.
Owner—F. T. Williamson, 2524 Shat-
tuck Ave., Berkeley.
Architect—None.
Contractor—T. T. King, 1541 Virginia
St., Berkeley. \$9000

DWELLING
(3382) NO. 80 OAK RIDGE ROAD,
Berkeley. Dwelling.
Owner—E. E. Gloor, 1404 Henry St.,
Berkeley.
Architect—W. C. Lowe, 1056 Hubert
Road, Oakland.
Contractor—E. E. Gloor, 1404 Henry
St., Berkeley. \$9500

(3383) NO. 1224-1227 PERALTA AVE.,
Berkeley. Two dwellings.
Owner—J. W. Sprin, 1608 Capistrano
St., Berkeley. \$3000 each
Architect—None.

DWELLING
(3384) NO. 1609 PORTLAND AVE.,
Berkeley. Dwelling.
Owner—Berkeley Bldg. Co., 2029 Shat-
tuck Ave., Berkeley.
Designer—Berkeley Bldg. Co., 2029
Shattuck Ave., Berkeley.
Contractor—Berkeley Bldg. Co., 2029
Shattuck Ave., Berkeley. \$3000

DWELLINGS
(3385) NO. 2324 SACRAMENTO ST.,
Berkeley. Dwelling.
Owner—Eugene Foubert, Harper and
Russell Sts., Berkeley.
Architect—None.
Contractor—J. Frazier, 2324 Peralta
Ave., Oakland. \$3000

RESIDENCE
(3386) NO. 1042 SHATTUCK AVE.,
Berkeley. Residence.
Owner—May A. Phinney, 2203 Cedar
St., Berkeley.
Architect—None.
Contractor—H. G. Patrick, 1973 Marin
St., Berkeley. \$8750

DWELLING & GARAGE
(3387) AMY DRIVE & MAXWELTON
Road, Oakland. 1-story 5-room
dwelling and garage.
Owner—J. H. Trampton, 3015 Broake
St., Oakland.
Architect—None.
Contractor—Wm. C. Helmes, 341 Al-
catraz Ave., Oakland. \$3650

DWELLINGS & GARAGES (2)
(3388) N APRICOT ST 32 W SAN
Leandro Line, Oakland. Two 1-sto.
3-room dwellings and garages.
Owner—E. B. & A. L. Stone, 804 Claus
Spreckles Bldg., San Francisco.
Architect—None. \$2800 each

DWELLING
(3389) N FAIRBANKS AVE 75 E
Wartfield, Oakland. 1-story 6-rm.
dwelling.
Owner—J. H. Herriman, 4324 Webster
St., Oakland.
Architect—None.
Contractor—F. J. Palo, Hotel Tour-
aine, Oakland. \$5000

DWELLINGS (2)
(3390) E 48TH AVE 634 & 671 N E-
14th St., Oakland. Two 1-story
5-room dwellings.
Owner—L. Hazen, 1915 48th Avenue,
Oakland.
Architect—None.
Contractor—F. Hazen, 1915 48th Ave.,
Oakland. \$3000 each

ALTERATIONS
(3391) 1426 FRANKLIN ST., Oakland.
Alterations.
Owner—East Bay Title Ins. Co., 414
13th St., Oakland.
Architect—Hamilton Murdock, 425
Kearny St., San Francisco. \$38,000

DWELLING
(3392) 3853 FRUITVALE AVENUE,
Oakland. 1½-story 4-room dwlg.
Owner—E. A. Wust, 3381 Lyman Road,
Oakland.
Architect—None.
Contractor—H. Molema, 3381 Lyman
Rd., Oakland. \$3000

DWELLING
(3393) 1339 HOLMAN RD., OAKLAND.
1-story 5-room dwelling.
Owner—W. J. Baker, 2255 Ransome St.,
Oakland.
Architect—None.
Contractor—C. M. Norgrove, 2220
Roosevelt Ave., Berkeley. \$4000

ALTERATIONS
(3394) 538 17TH ST., OAKLAND. Al-
terations.
Owner—Mrs. Philip Bowles, Broadway
Terr. & Prospect Drive, Oakland.
Architect—None.
Contractor—J. H. Pedgrift, 4106 Broad-
way, Oakland. \$2000

SIGNS (2)
(3395) W COR 28TH & WEBSTER
St., Oakland. Roof sign and elec-
tric sign.
Owner—Howard Auto Co., 28th and
Webster, Oakland.
Architect—None.
Contractor—Brumfield Elec. Co., 802
E-12th St., Oakland. \$1000 each

CHURCH
NO. 1705 CATALINA AVE., Berkeley.
Church.
Owner—Thousand Oaks Baptist Church
Architect—Julia Morgan, 754 14th St.,
Oakland.
Contractor—Connor & Connor, 1726
Grove St., Berkeley. \$27,325
NOTE—Recorded contract reported
June 11, 1924, No. 3111.

DWELLING
(3396) 1811 DELAWARE ST., Berke-
ley. Dwelling.
Owner—F. Wittkopski, 1811 8th St.,
Berkeley.
Designer—Allen Wilnot, 317 Haw-
thorne Ave., Berkeley. \$2800

DWELLING
(3397) 1516 HAWTHORNE TERRACE
Berkeley. Dwelling.
Owner—W. B. Moebacker.
Architect—W. R. Jellord, A. C. T. I. Co.
Bk 14th & Franklin Sts., Oakland.
Contractor—Geo. Jensen, 1635 La Loma
Ave., Berkeley. \$9000

DWELLING
(3398) 1315 SANTA FEA AVE., Ber-
keley. Dwelling.

Owner—Roy Denny, 1537 Fruitvale Ave
Oakland.
Architect—None.
Contractor—A. J. Rossal, 3220 Champion
St., Oakland. \$1500

ALTERATIONS
(3399) 2467 WARRING ST., Berkeley.
Alterations.
Owner—F. L. Lipman, 2467 Warring St
Berkeley.
Architect—None.
Contractor—Security Roofing Co. \$1225

STORES
(3400) S AVENAL AVE. 30 W 63rd
Ave., Oakland. 1-story stores.
Owner—Joe Benjamin, 5454 Princeton
St., Oakland.
Architect—None. \$1500

DWELLING
(3401) S BROWN AVE. 105 N Hop-
kins St., Oakland. 1-story 6-room
dwelling.
Owner—C. A. Nance, 3720 Market St.,
San Francisco.
Architect—None. \$3000

DWELLING
(3402) S FAIRFAX AVE. 947 E Court-
land Ave., Oakland. 1-story 6-room
dwelling.
Owner—O. F. Bettcher, 2801 Madera
Ave., Oakland.
Architect—None.
Contractor—L. A. Peters, 5313 Manila
Ave., Oakland. \$2600

DWELLING
(3403) S FIFTY-EIGHTH ST. 166 W
Adeline St., Oakland. 1-story 6-rm.
dwelling.
Owner—G. H. Noble, 1336 Park St., Ala-
meda.
Architect—None. \$4000

DWELLING
(3404) S HILLGIRT CIRCLE, 189 W
Excelsior, Oakland. 1-story 6-room
dwelling.
Owner—A. Bonne, 2314 Adeline St.,
Oakland.
Architect—None.
Contractor—L. A. Peters, 5313 Manila
Ave., Oakland. \$5700

DWELLING
(3405) E LAKESHORE BLVD. 160 N
Athol Ave., Oakland. 1-story 3-rm.
dwelling.
Owner—H. T. Taylor, 575 Vermont St.,
Oakland.
Architect—None. \$3000

DWELLING
(3406) N LONGRIDGE RD. 1418 E
Lakeshore Ave., Oakland. 2-story
6-room dwelling.
Owner—A. A. Richards, 1620 Hopkins
St., Oakland.
Architect—None.
Contractor—L. A. Peters, 5313 Manila
Ave., Oakland. \$5500

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California.
The Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

ADDITION

(3437) N SCHOOL ST. 350 E Champion Ave., Oakland. Addition.
Owner—H. Anderson, 2850 School St., Oakland.
Architect—None.
Contractor—Wm. F. Sands, 2721 School St., Oakland. \$1400

APARTMENTS

(3408) NW COR. SHAFTER & AVON Aves., Oakland. 2-story 16-room apartments and garage.
Owner—Mrs. K. R. Kerrigan, 5153 Shafter Ave., Oakland.
Architect—None.
Contractor—W. E. Kerrigan, 5153 Shafter Ave., Oakland. \$12,300

DWELLING

(3409) E SIXTY-FIFTH AVE. 100 N Flora St., Oakland. 1-story 5-room dwelling and garage.
Owner—W. C. Croll, 1921 69th Avenue, Oakland.
Architect—None. \$3650

(3410) 1054 SUNNYHILL ROAD, Oakland. Fire repairs.
Owner—J. Lawrence, 1054 Sunnyhill Road Oakland.
Architect—None. \$2500

DWELLING

(3411) E WHITTE AVE 35 S Wilbur St., Oakland. 1-story 5-room dwlg. Owner—A. S. Ferguson, 3268 Prentiss St., Oakland.
Architect—None. \$3500

STORE & APTS.

(3412) 3132 GROVE ST., Berkeley. All work for 2-story wood frame store and apartment building.
Owner—Amadeo Baldassari, 3132 Grove St., Berkeley.
Architect—William Casper Helms, 341 Alcatraz Ave., Oakland.
Contractor—William Casper Helms, 341 Alcatraz Ave., Oakland.
Filed June 27, 1924. Dated June 25, 1924
Frame up \$1600
Brown coated 1600
Completed and accepted 1600
Usual 35 days 1600
TOTAL COST, \$6400
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

STORE BLDG.

(3413) NE COR. MADISON AND 11TH Sts., Oakland. General contract for 1-story store bldg., brick and concrete.
Owner—C. L. Gilson, 651 Santa Ray, Oakland.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—Lawton & Vezey, 357 12th St., Oakland.
Filed June 26, 1924. Dated June 24, 1924
5th and 20th of each month, 75% of value of materials and labor incorporated.
Usual 35 days Balance
TOTAL COST, \$31,842
Bond, filed. Sureties, Globe Indemnity Co. Forfeit, \$25.00 per day. Limit, 60 working days. Plans and specifications filed.

DWELLING

(3414) NO. 3327 FERNSIDE BLVD., Alameda. One-story 5-room dwlg. Owner—Mrs. T. Roebke, 1160 Broadway, Alameda.
Architect—None.
Contractor—Hines Bros., 871 Oak St., Alameda. \$5000

(3415) NO. 1330 PARK ST., Alameda. Two-story loft building.
Owner—Greta Postel, Premises.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$16,000

DWELLING

(3416) STANTON ST. near Santa Clara Ave., Alameda. One-story 5-room dwelling.
Owner—Nellis Lewis, Stanton St., Alameda.
Architect—None.
Contractor—C. Pederson, 700 25th St., Oakland. \$2600

DWELLING

(3417) NO. 3256 THOMPSON AVE., Alameda. One-story 5-room dwlg. Owner—M. Wilhelm, SE. Cor. Paru and Santa Clara Ave., Alameda.
Architect—None.
Contractor—H. C. Andresen, 1229 Pearl St., Alameda. \$4000

DWELLING

(3418) NO. 1635 LE ROY AVE., Berkeley. Dwelling.
Owner—E. Williamson, 2506 Bancroft Way, Berkeley.
Architect—None.
Contractor—Harry Smith, 1850 Solano Ave., Berkeley. \$6000

DWELLING

(3419) NO. 2200 MARIN AVE., Berkeley. Dwelling.
Owner—R. N. Oyler, 1708 Channing Way, Berkeley.
Architect—H. G. Berlin, 2817 Regent St., Berkeley.
Contractor—H. J. F. Satin, 2925 Hille-gass, Berkeley. \$4500

ALTERATIONS

(3420) NO. 821 SAN LUIS ROAD, Berkeley. Alterations.
Owner—E. D. Smith, Premises.
Architect—None.
Contractor—Mac Jordan, 5844 Broadway, Oakland. \$1000

DWELLING

(3421) NO. 1708 SCENIC AVE., Berkeley. Dwelling.
Owner—L. A. Taber, Premises.
Architect—None.
Contractor—Eakin & Davis, 1945 Prince St., Berkeley. \$2450

DWELLING

(3422) NO. 1125 WARD ST., Berkeley. Dwelling.
Owner—W. H. Chamberlin, 3133 Market St., Oakland.
Architect—None.
Contractor—W. H. Chamberlin, 3133 Market St., Oakland. \$1500

DWELLING

(3423) SW EIGHTH AND CAMPBELL Aves., Oakland. Two-story 6-room dwelling and store.
Owner—M. A. Cody, 8th and Campbell Sts., Oakland.
Architect—None.
Contractor—Theodore Bernardi, 1645 8th St., Oakland. \$4200

GARAGE

(3424) NO. 433 ELLITA AVE., Oakland. One-story tile garage.
Owner—C. S. Lockwood, 433 Perkins St., Oakland.
Architect—None.
Contractor—Jas. L. Rich, 743 Hillgirt Circle, Oakland. \$1400

DWELLING

(3425) E ERIE 50 N Prince, Oakland. One-story 6-room dwelling.
Owner—C. Lofstrom, 922 Lincoln Ave., Alameda.
Architect—L. F. Hyde, 377 Hanover Ave., Oakland. \$5000

CLUB

(3426) W FORTIETH 300 W Grove St., Oakland. Two-story 10-room club and gymnasium.
Owner—Sacred Heart Parish, 40th and Grove Sts., Oakland.
Architect—John Lofquist, S. F.
Contractor—J. J. Power, 774 20th St., Oakland. \$36,000

DWELLING

(3427) NO. 5833 FREMONT, Oakland. One-story 5-room dwelling.
Owner—Lorenzo Serventi, 5833 Vallejo St., Oakland.
Architect—None.
Contractor—Carlson & Lundblad, 1820 Fairview St., Berkeley. \$5200

DWELLING

(3428) S HALLIDAY 409 E 83rd Ave., Oakland. One-story 4-room dwlg.
Owner—F. Banmann, 2000 45th Ave., Ave., Oakland. \$2750
Architect—None.

FACTORY

(3429) NO. 800 HIGH ST., Oakland. One-story factory.
Owner—Barrell Syrup Co., 800 High St., Oakland.
Architect—None. \$2000

DWELLING

(3430) NO. 2938 MONTANA, Oakland. One-story 5-room dwelling and garage.
Owner—Miss M. F. Snow, 1052 10th St., Oakland.
Architect—None.
Contractor—McCrea & Cox, 2922 High St., Oakland. \$4750

ALTERATIONS

(3431) LOT 157-159 MONTECITO AVE., Oakland. Alterations.
Owner—Frederick Hennings, Hayward
Architect—Geo. O'Brien, Bacon Bldg., Oakland. \$10,900

STORE, ETC.

(3432) E WEBSTER 75 N 15th St., Oakland. Two-story and concrete store and club.
Owner—Womens Holding Cptn., Okd.
Architect—Miller & Warnecke, Alameda County Title Ins. Bldg., Oakland. \$40,000

STORE BLDG.

(3433) LOT 2 BLK 2 MAP OF EAST Oakland Heights. All work for 1-story brick and cement store bldg.
Owner—M. Cianciarulo, 314 Sheridan Ave., Piedmont.
Designer—John Perona.
Contractor—John Perona, Builders Exchange, Oakland.
Filed June 28, 1924. Dated June 27, 1924
Frame up \$2387.50
Brown coated 2387.50
Completed and accepted 2387.50
Usual 35 days 2387.50
TOTAL COST, \$9550
Bond, yes; Sureties, Geo. W. Kaiser & A. Forneris; Forfeit, none; Limit, 60 working days; Plans and specifications filed.

GRADING, ETC.

(3434) NILES CANYON 1 MILE MOR 1 east of the town of Niles. Grading concrete lining, construction of spillways, etc. for Niles reservoir.
Owner—Spray Valley Water Co., 425 Mason St., San Francisco.
Architect—None.
Contractor—C. A. Bruce, C. Allen Bruce and R. A. Bruce.
Filed June 28, 1924. Dated June 16, 1924
15th each month90%
Usual 35 days10%
Prices itemized on different parts of work.
TOTAL COST, \$—
Bond, yes; Sureties, Frank Garath and J. N. Arendt; Forfeit, \$25 per day or arbitrate; Limit, 150 days from date of contract; Plans and specifications filed.

APT. BLDG.

(3435) NE 25 FT. OF LOT 10 & SW 10 ft. lot 11 Blk 2 Map of East Oakland Heights. All work for 2-story store and apt. bldg.
Owner—M. Cianciarulo, 314 Sheridan Ave., Piedmont.
Architect—None.
Contractor—John Perona, Builders Exchange, Oakland.
Filed June 28, 1924. Dated June 27, 1924
Frame up \$2007
Brown coated 2007
Completed and accepted 2007
Usual 35 days 2007
TOTAL COST, \$8028
Bond, yes; Sureties, Geo. W. Kaiser & A. Forneris; Forfeit, none; Limit, 60 working days; Plans and specifications filed.

ALTERATIONS

(3436) 1504 ADELINE ST., Oakland. Alterations.
Owner—Wm. James, 1504 Adeline St., Oakland.
Architect—None.
Contractor—James & Blanchard, 1431 Linden St., Oakland. \$2600

DWELLING

(3437) 2464 ALIDA ST., Oakland. 1-story 4-room dwelling and garage.
Owner—H. F. Green, R. F. D. Box 2255 Oakland.
Architect—None. \$2700

DWELLING

(3438) 924 BAY VIEW AVE., Oakland 1-story 6-room dwelling.
Owner—S. Fried, 1450 1st Avenue, Oakland.
Architect—None.
Contractor—N. Gaubert, 4735 Brookdale Ave., Oakland. \$6000

DWELLING

(3439) N BRIGHTON AVE. 82 W Park Blvd., Oakland. 1-story 8-room 2-family dwelling.
Owner—Mrs. L. A. Ish, 317 Howard, Oakland.
Architect—None.
Contractor—Graff & Winlund, 1761 Franklin St., Oakland. \$8000

DWELLING
(3440) S EASTLAWN ST., 180 E 62nd Ave., Oakland, 1-story 5-room dwlg.
Owner—G. R. Heim, 1919 50th Ave., Oakland.
Architect—None. \$3000

STABLE
(3441) W FIFTIETH AVE. 100 S E-10th St., Oakland, 1-story stable.
Owner—United Scavenger Ass'n., 2450 Magnolia, Oakland.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. \$4000

DWELLING
(3442) N FOOTHILL BLVD. opp. 77th Ave., Oakland, 1-story 8-room 2-family dwelling.
Owner—F. J. Wallace, 617 36th St., Oakland.
Architect—None. \$6450

ALTERATIONS
(3443) 439 LEE STREET, Oakland.
Alterations.
Owner—L. E. Omsis, Oakland.
Architect—None.
Contractor—Graff & Winlund, 1761 Franklin St., Oakland. \$4000

(3444) 4701 MARKET STREET, Oakland, 1-story 6-room dwelling.
Owner—Joe Cerrato, 467 43rd, Oakland.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. \$3900

DWELLING
(3445) 2028 NINETEEN-SECOND AVE., Oakland, 1-story 6-room dwlg.
Owner—D. M. George, 2020 32nd Ave., Oakland.
Architect—None.
Contractor—M. V. Dutra, 4634 Walnut Ave., Oakland. \$4000

DWELLING
(3446) NW COR. SIXTY-EIGHTH AVE. and Mesaba St., Oakland, 1-story 5-room dwelling.
Owner—R. L. Holmes, 6706 Mesaba St., Oakland.
Architect—None. \$3000

(3447) 3322 SIXTY-FOURTH AVE., Oakland. Addition and repairs.
Owner—H. A. Litchfield, 3324 64th Ave., Oakland.
Architect—None.
Contractor—W. E. Trowbridge, 6322 Monadnock Way, Oakland. \$2000

ALTERATIONS
(3448) 308 TWENTY-FOURTH ST., Oakland. Alterations.
Owner—C. Czek.
Architect—None.
Contractor—N. Gaubert & Co., 4735 Brookdale Ave., Oakland. \$1500

(3449) N WILBUR ST., 228 W Lincoln Ave., Oakland, 1-story 5-room dwelling.
Owner—E. H. Neuman, 2440 Wilbur St., Oakland.
Architect—None. \$2500

ALTERATIONS
(3450) LOT 9, BLK. 24, Map of the McGee Tract. General contract for alterations of a 2-story frame dwlg.
Owner—Catherine and Mary Ann McGee, 2247 Grove, Berkeley.
Architect—None.
Contractor—Martin Allan, 346 Walsworth Ave., Oakland.

Filed June 30, 1924. Dated June 24, 1924
1/4 of work is done \$43.75
1/2 of work is done 54.75
3/4 of work is done 54.75
Completed TOTAL COST, \$2175

Bond, yes. Sureties, G. L. Tyler and Mary A. Kane. Forfeit, \$10.00 per day. Limit, 60 days from date of contract. Plans and specifications filed.

BAKERY
(3451) ALCATRAZ AND BAKER STS., Berkeley, Bakery.
Owner—F. Kunz, 1821 Alcatraz Ave., Berkeley.
Architect—None.
Contractor—Mr. Rogers, Alcatraz Ave., Berkeley. \$1500

ALTERATIONS
(3452) NO. 2739 BANCROFT WAY, Berkeley. Alterations.
Owner—Alpha X I Delta, Premises.
Architect—None.
Contractor—Barr & Son, 206 26th St., Oakland. \$3700

FACTORY
(3453) NO. 1281 HEARST AVE., Berkeley, Factory.
Owner—Nels Espersen, 1915 Delaware St., Berkeley.
Architect—None. \$2500

DWELLING
(3454) NO. 1514 LA LOMA AVE., Berkeley, Dwelling.
Owner—Arthur J. Weeks, 1545 La Loma Ave., Berkeley.
Architect—None. \$8000

GARAGE
(3455) W BROADWAY 120 S Mosswood Park, Oakland, 1-story concrete garage.
Owner—Hebrank, Hunter & Peacock, 3020 Broadway, Oakland.
Architect—Wythe, Elaine & Olson, 1800 Telegraph Ave., Oakland. \$50,000

DWELLING
(3456) 9714 CHERRY STREET, Oakland, 1-story 3-room dwelling and garage.
Owner—W. W. Sherbourne, 9633 E-14th St., Oakland.
Architect—None. \$2200

REPAIRS
(3457) 1236 EIGHTEENTH ST., Oakland. Repairs and addition.
Owner—W. Lemmer, 1236 18th St., Oakland.
Architect—None.
Contractor—H. J. Schmitz, 1121 Ward St., Berkeley. \$2350

ALTERATIONS
(3458) 3921 FOOTHILL BLVD., Oakland, Alterations.
Owner—I. & F. E. Walter, 3921 Foothill Blvd., Oakland.
Architect—None.
Contractor—W. H. Johnson, 3211 Davis St., Oakland. \$1000

ALTERATIONS
(3459) W LAKESHORE AVE. 75 N Grand Ave., Oakland. Alterations and addition.
Owner—O. T. Nish, 3537 Kingsley Ave., Oakland.
Architect—None.
Contractor—Beadell & Lane, 901 Spruce St., Berkeley. \$10,650

APARTMENTS
(3460) SW COR. PRINCE AND ERIE STS., Oakland, 2-story 16 rooms apartments.
Owner—Daniel Ferguson, 4336 Evans Ave., Oakland.
Architect—None.
Contractor—E. N. Holmdahl, 2838 Atwell Ave., Oakland. \$18,000

DWELLING
(3461) S ROBERTS AVE. 300 E 55TH AVE., Oakland, 1-story 5-room dwelling.
Owner—Wm. H. Thompson, 1518 4th Ave., Oakland.
Architect—None. \$4000

DWELLING
(3462) 1048 SUNNYHILLS ROAD, Oakland, 2-story 7-room dwelling and garage.
Owner—H. H. Hinman, Oakland.
Architect—None.
Contractor—A. C. Wieben, 839 Rosemont Road, Oakland. \$7150

DWELLING
(3463) SW COR. TWENTIETH AVE. and E-28th St., Oakland, 1-story 5-room dwelling.
Owner—V. J. Legris, 2329 E-26th St., Oakland.
Architect—None. \$3800

GARAGE
(3464) E TWENTY-SECOND AVE. 60 S E-15th St., Oakland, 1-story tile garage.
Owner—Manuel Nunes, 2201 E-15th St., Oakland.
Architect—None. \$1000

DWELLING
(3465) 1337 E-TWENTY-SIXTH ST., Oakland, 1-story 5-room dwlg.
Owner—Albert E. Faunt, 718 Bryant St., S. F.
Architect—None.
Contractor—F. M. Phillips, 718 Bryant St., S. F. \$3500

DWELLING
(3466) W TWENTY-THIRD AVE. 100 S E-31st St., Oakland, 1-story 8-room 2-family dwelling.

Owner—Gust Ekstrom, 3061 23rd Ave., Oakland.
Architect—None.
Contractor—Emil Lindquist, 1358 E-28th St., Oakland. \$6000

ALTERATIONS
(3467) NO. 1426 FRANKLIN ST., Oakland. General contract for alterations and additions.
Owner—East Bay Title Ins. Co., 414 13th St., Oakland.

Architect—W. H. Crim and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—John M. Bartlett 425 Kearny St., San Francisco.
Filed June 30, 1924. Dated June 24, 1924
1st each month 75%
Usual 35 days 25%
TOTAL COST, \$20,470

Bond, \$—; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 90 days after recording contract; Plans and specifications filed.

RESIDENCE
(3468) NE 40 FT. OF LOTS 165 AND 156, Blk. 838, Piedmont by the Lake Tract. General contract, remodeling and enlarging 2-story frame residence.
Owner—O. T. and Minnie Nish, 734 Lake Shore, Oakland.
Architect—H. R. Forward, 103 Walsworth Ave., Oakland.

Contractor—Beadell & Lane, 909 Spruce St., Berkeley.
Filed June 30, 1924. Dated June 26, 1924
Frame up \$62.50
Rough coat 262.50
Completed 262.50
Usual 35 days 262.50
TOTAL COST, \$10,650

Bond, sureties, forfeit, none. Limit, 90 days from July 1, 1924. Plans and specifications not filed.

RESIDENCE
(3469) LOT 58 DUTTON MANOR TCT. General contract for 5-room residence.
Owner—E. J. & Ada A. Searle, 1814 E-14th St., San Leandro.
Designer—C. A. Gossett.
Contractor—Chester A. Gossett, 327 Davis St., San Leandro.

Filed June 30, 1924. Dated June 30, 1924
Frame up \$825
Rough coat 825
Completed and accepted 825
Usual 35 days 825
Bal. by note and tr. deed 1250
TOTAL COST, \$4500

Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

CLEANING, PAINTING, EAC.
(3470) AT OR NEAR OAKLAND. Cleaning and painting signal bridges located on Oakland Mole, high tension poles, etc.

Owner—Southern Pacific Co., Oakland.
Architect—None.
Contractor—C. Stevens & T. A. Hopkins (Stevens & Hopkins), 5693 Keith Ave., Oakland.

Filed July 1, '24. Dated June 4, '24.
Each month 75%
Usual 35 days 25%
TOTAL COST, \$2385

Bond, yes. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
June 26, 1924—2407 66TH AVE., Oakland. Clesson A. Rogers to whom it may concern June 26, 1924
June 26, 1924—N SIDE OF E-20TH ST 35 W of 11th Ave., Oakland. Sam'l G. Willson to whom it may concern June 26, 1924
June 26, 1924—N SIDE OF E 20TH ST 74 W of 11th Ave., Oakland. Sam'l G. Willson to whom it may concern June 26, 1924
June 26, 1924—NW COR E-20TH ST and 11th Ave., Oakland. Sam'l G. Willson to whom it may concern June 26, 1924
June 26, 1924—N SIDE OF E-20TH ST 112 1/2 W of 11th Ave., Oakland. Sam'l G. Willson to whom it may concern June 26, 1924
June 26, 1924—FOR LOTS 10 AND 11, Blk E Map The Oaks, Oakland. E. R. Burris to Louis Johnson. June 25, 1924

June 26, 1924—LOT 5 BLK 12 FRUIT-
vale Heights, Oakland. Mathilda
Anderson to E. L. Burch

June 26, 1924—E 50 OF LOTS 24 &
25 BLK 1, Northridge, Berkeley.
John O. Weston to whom it may
concern

June 26, 1924—N SIDE OF 51ST ST
180 ft. of Pasadena, S. to For-
Ella A. Smith to Harry C. Knight
.....

June 26, 1924—LOTS 20 TO 23 INC
BLK 1 Map Laura Grove Park,
Oakland and Co. to whom it may
concern

June 26, 1924—1511 LE ROY AVE.,
Berkeley. R. L. Ush and Marion
T. Ush to whom it may concern
.....

June 25, 1924—LOT 53 BLK 840
Oakland Homestead, Oakland. E.
G. Peters to whom it may concern
.....

June 26, 1924—BEG. AT A PT. ON
SE line of Fernside Blvd., dis. 80
ft. SW from the pt. of intersec-
tion thereof with the SW line of
Briggs Ave. extended SE in a
straight line, running thence SW
along S line of Fernside Blvd. 40
ft. to a pt. thence at right angles
SE to a pt. of W line established
by the Board of State Tide Land
Commission, thence NE 40 ft. to a
pt. of intersection thereof with a
line drawn SE from the pt. of be-
ginning thence NW to SE line of
Fernside Blvd. and the pt. of be-
ginning. Hattie M. Kearney to
Harvey J. Thompson

June 26, 1924—COM. AT A PT. ON
SE line of Fernside Blvd. dis. 80
ft. SW from the pt. of intersection
thereof with the SW line of Briggs
Ave. extended SE in a straight line
running thence SW 40 ft. thence at
right angles SE to a pt. of W line
established by the Board of State
Tide Land Commission, thence NE
along last named line to the inter-
section with a line drawing at right
angles to said line of Fernside
Blvd., thence NW to SE line of
Fernside Blvd., and pt. of be-
ginning. Hattie M. Kearney to
Harvey J. Thompson

June 27, 1924—COR. 32ND ST.
and Telegraph Ave., Oakland. Wil-
liam Howard by M. G. Kendall,
agent, to California Builders Co.
.....

June 27, 1924—LOT 11, LAKE
Knoll. Wm. Retzer by M. G. Ken-
dall, agent, to California Builders
Co.

June 27, 1924—LOTS 10 AND 11, BLK
17, Greywood Extension, Oakland.
Lillian E. McCord to T. J. McCord
.....

June 27, 1924—1841 SIXTH AVE.,
Oakland. Patrick J. Owens to H.
Marshall

June 27, 1924—BEG. AT A PT. 969-73
ft. N of Warner Ave. and E-14th
St. (50.32 x 114.67), San Leandro.
M. C. Gonsalves to R. E. Naikirk.
.....

June 27, 1924—FOR BLK. 10, Col-
lege Homestead Tract, Berkeley.
The Masonic Club of the University
of California, Inc., to Charles
C. Hillman

June 27, 1924—FOR BLK. 10, Col-
lege Homestead Tract, Berkeley.
The Masonic Club of the University
of California, Inc., to Burnham
Plumbing Co.

June 27, 1924—FOR BLK. 10, Col-
lege Homestead Tract, Berkeley.
The Masonic Club of the University
of California, Inc., to Allan J.
Hillman

June 27, 1924—LOTS 2 AND 3, BLK.
12, Daley Scenic Tract, Berkeley.
Bessie Gallagher to Ben Pearson
.....

June 27, 1924—FOR BLK. 10, Col-
lege Homestead Tract, Berkeley.
The Masonic Club of the University
of California, Inc., to C. L.
Wid company

June 27, 1924—FOR LOT 3, BLK. 100
Rock Ridge Place, J. M. Pitts to
whom it may concern

June 27, 1924—FOR LOT 189, Nova
Piedmont, C. Peppin to whom
it may concern

June 27, 1924—LOT 10, BLK. 20,
Havenscourt Addition, Alton R.
Lapham to whom it may concern
.....

June 27, 1924—LOT 4 AND POR. OF
Lots 3 and 28, BLK. 174, Kellers-
bergers Map of Oakland. The Oak-
land Bank by P. J. Walker Co.,
agent, to California Artistic Metal
& Wire Co.

June 27, 1924—LOT 4 AND POR. OF
Lots 3 and 28, BLK. 174, Kellers-
bergers Map of Oakland. The Oak-
land Bank by P. J. Walker Co.,
agent, to Doyle Sheet Metal Works
.....

June 27, 1924—LOT 4 AND POR. OF
Lots 3 and 28, BLK. 174, Kellers-
bergers Map of Oakland. The Oak-
land Bank by P. J. Walker Co.,
agent, to Vermont Marble Co.

June 27, 1924—N SIDE OF FOOT-
hill Blvd. about 150 E. of Fruit-
vale Ave., Oakland. M. J. Zappet-
tini to whom it may concern

June 27, 1924—LOT 18, BLK. 25,
Fairmont Park. Agnes Ericson to
Anderson & Anderson

June 27, 1924—LOT 12 AND POR.
Lot 11, BLK. B, Map of the Whit-
ney Tract, Berkeley. Thos. W. Bar-
rington by Elizabeth J. Barrington,
agent, to J. G. Maurer

June 26, 1924—E 32-6 OF LOTS-1,
2, 3 and 4, BLK. 5, Solano Ave. Ter-
race Tract. C. H. Fox to Fox Bros.
.....

June 27, 1924—LOT 25 BLK 21 Map
Blks 20, 21, 22, 23 and 24, Thous-
and Oaks, Oakland. Walter Mc-
Clellan and Martha Loebe to
Chester H. Miller, Agent to J. W.
Monroe

June 28, 1924—E-FOURTEENTH ST.
opp Twenty-seventh Ave., Oakland
The Sisters of the Poor of the
land to Barrett & Hilp. June 23, 1924

June 27, 1924—LOT 106 and Ptn Lot
105 Blk 20, Amended May Havens-
court, Oakland. Rudolph and
Hessen to H. Macdon to John Tell
J. C. James

June 30, 1924—LOT 32, BELLAIRE
Court, Alameda County. Henry M.
Boehmer to whom it may concern
.....

June 30, 1924—918 AND 24 25TH ST.
Oakland, D. W. Van Horn to whom
it may concern

June 30, 1924—FOR LOT 4, BLK. B,
Linda Vista Terrace, Clara L. Wagn-
ner by Leroy M. Baird, agent.

June 16, 1924
June 16, 1924—LOT 27, BLK 18, 18
Amended Map 1000 Oaks Court,
Weldon C. Nichols to Roy O. Long
Co.

June 30, 1924—1818 18TH ST.,
Berkeley. H. C. and Helen R.
Haines to J. Harry Smith.

June 25, 1924
June 30, 1924—272, 274 38TH ST.
Oakland. Margaret Harvey to
Richard & Whitmore. June 25, 1924

June 30, 1924—S UNION AVE. 197
E of San Pablo Ave., E 57.03 SE
17 to cent. of Strawberry Creek
thence SW down said creek 12.20
SE 133.11 SW 41.07 N 149.76 ft. to
beginning. Lawrence Farrell to
whom it may concern

June 27, 1924
June 27, 1924—LOT 318, 18TH ST.
St. 300 W. of Maple Ave., 2942 Califor-
nia St. F. W. S. Brookes to
whom it may concern

June 30, 1924—LOT 1 BLK 9 MAP OF
Subdiv. of Lots 3 and 4, Fox
Bros.

June 30, 1924—S ST. COR. TELE-
graph Ave. and Channing Way,
Berkeley. The Turie Co. to May
Construction Co.

June 30, 1924—LOT 46 CHAROLYN
Terrace. Joseph Coward to whom
it may concern

June 30, 1924—W SIDE OF OXFORD
St. at Euclid, Berkeley. Fannie
E. McCoy to Reite Bros.

July 1, 1924—LOT 4 BLK C PROS-
pect Hill Tract. Elise Van Orden
to E. G. Stoltz

July 1, 1924—NO. 2640 NINETEENTH
Ave., Oakland. Edwin W. Dahl to
whom it may concern

July 1, 1924—FOR LOT 14 MAP OF
Subdiv. of Lots 3 and 4, Fox
Acre Tract. Walter Hufschmidt to
whom it may concern

July 1, 1924—5277 FOOTHILL BLVD.,
Oakland. Nellie G. Tharsing to H.
S. Pratt

July 1, 1924—FOR LOT 19 BLK A
Map of Grand Avenue Heights. R.
N. McIntosh to whom it may con-
cern

July 1, 1924—SW COR. SIXTH ST. &
Lincoln Ave., Alameda. Theresa
Mehrtens to H. Willford. June 30, '24

July 1, 1924—S SIDE LINCOLN BET.
8th and Linden Sts., Alameda. West
End Building Assn. to H. Willford
.....

June 30, 1924
June 1, 1924—LOT 45 MAY SEARLES
Tract. H. J. Merrick to J. D. King
and H. Hoffman

July 1, 1924—LOT 245 SIXTEETH AVE.
Lot 14 Blk 44 Beverly Terrace. Guy
W. Jury to whom it may concern.
.....

June 28, 1924
July 1, 1924—2454 SIXTEETH AVE.
Charles E. Reischack to whom it
may concern

July 1, 1924—NO. 3960 GEORGIA ST.,
Amye Buck to J. Stewart. June 28, '24

July 1, 1924—FOR OF LOT 13 BLK
11 Map of Berkeley Heights C. E.
Dunston to C. O. Bradhoff.

June 30, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
June 27, 1924—LOT 2, MAP OF THE Creek Tract of the Meek Estate, Eden Twp. Ralph W. Meek vs. Chas. G. Sutton and Fred Borden	\$267.40
June 27, 1924—LOT 8, MAP OF THE Creek Tract of Meek Estate, Eden Twp. E. P. Burch vs. Chas. G. Sutton and Fred Borden	\$50.00
June 27, 1924—LOT 31, PLEASANT Valley Court. Hogan Lumber & Mill Co. vs. I. Robinowitz and A. Ortzo	\$189.92
June 27, 1924—"POR. OF" BLK. 8, Lot 2, Grand Echoes Tract. Hogan Lumber & Mill Co. vs. I. B. and Addie E. Hobson and Hobson Plumbing Co.	\$186.06
June 26, 1924—LOT 10 BLK D MAP Toler Heights, Oakland. Ed Jen- kins (Havenscourt Plumbing Co.) vs. A. G. Smith	\$125
June 26, 1924—LOT 3 MAP Mills Garden, Oakland. Powell Bros Inc. vs. C. F. Swain and W. J. Watson	\$57.95
June 26, 1924—Lot 6 BLK 13 MAP Broadmoor, Oakland. Maxwell Hardware Co. vs. Broadmoor Imp. Co. and F. A. McCausland	\$226.86
June 28, 1924—SE SEVENTEENTH and Franklin. S. Jarrett, William Murray vs. N. Turell, Frank F. Doyle and Frank P. Doyle Constr Co.	\$36.12
Tract of Meek Estate, Eden Twp. F. E. Franklin, S. Jarrett, Jos- eph Doming vs. Chas. G. Sutton and Fred Borden	\$126
June 30, 1924—LOT 26 AND W 10 1/2 of Lot 37, BLK. A, Garden Tract, Hildebrand and David A. David A. and Abraham L. Hildebrand vs. J. and G. Gandi, and H. de Norman- die	\$273.20
June 30, 1924—SW COR. RUSSELL St. and Sacramento St., Berkeley. Wm. Pontynen vs. Albert J. and Mary E. Grubbs and E. J. McCord	\$45.00
June 28, 1924—LOT 13, 14 OF Lot 10 Map of Resub. of Lot 3 of the Kingsland Tract S Side Hilton St., 197 W. of 57th Ave. Coveley Hardwood Mfg. Co. vs. M. E. Graves	\$70.13
June 30, 1924—5621 HILTON ST. Fred W. Fisher vs. M. P. Graves	\$50.00
June 27, 1924—5621 HILTON ST. Clifton A. Wood vs. M. P. Graves	\$178.
June 30, 1924—LOT 9, 10, 11, MAP OF Portland Park, Oakland. Berke- ley Sash & Door Co. vs. E. Beck and M. F. Graves	\$150.38

RELEASE OF LIENS

ALAMEDA COUNTY

June 30, 1924—LOT 9 BLK. 77 OF
B. L. T. I. Ass'n., Berkeley. P. C.
Altman to S. Simon

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
June 26, 1924—LOT 7 BLK 5, Cogorno Sub., Stockton. Caesar Rossi to T. E. Williamson.	June 14, 1924

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

PTN LOTS 10, 12 AND 16 BLK 4 E of Center St., Stockton. Electrical work for bank building.
Owner—Commercial & Savings Bank, Main St. Cor. Sutter, Stockton.
Architect—None.
Contractor—W. W. Hill, 221 W-Willow St., Stockton.
Filed June 26, '24. Dated May 28, '24.
TOTAL COST, \$13,258
Bond, limit, forfeit, plans and specifications, none.

COMPLETE PLUMBING ON ABOVE.
Contractor—Harry C. Pahl and E. G. Whitney, 33 S-Sutter St., Stockton.
Filed June 26, '24. Dated June 24, '24.
TOTAL COST, \$36,226
Bond, limit, forfeit, plans and specifications, none.

ADDITION STOCKTON. All work for addition to boys' and girls' gymnasium and alterations in commercial and science buildings of Stockton High School.
Owner—Board of Education of Stockton—High School, by J. R. Humphrey, president; Ansel S. Williams, secretary.
Architect—None.
Contractor—H. E. Vickroy, 1122 North Commerce St., Stockton.
Filed June 28, '24. Dated June 26, '24.
TOTAL COST, \$16,881
Bond, none. Limit, 40 working days.
Forfeit, plans and specifications, none.

REMODELING, \$1000; No. 230 Doris Place, Stockton; owner, C. J. Parsons, 102 Doris Place, Stockton.
APARTMENTS (4) and private garages \$10,000; No. 232 N-Grant St., Stockton; owner, Mrs. Katherine Prato.
REMODELING, \$2500; No. 219 E-Acacia St., Stockton; owner, Anna F. Griffin.
PRIVATE garage and repairs, \$2000; No. 122 W-Acacia St., Stockton; owner, W. T. Jack, Jr., premises.
FIRE escapes, \$1500; No. 7 S-Center St., Stockton; owner, Ruiz & Lavin.
124 S-Eldorado St., Stockton.

BUILDING CONTRACTS

SACRAMENTO COUNTY

BUILDING
S 40 FT. LOT 1571 and all Lot 1572, W & K. Tract 24 Sacramento. All work for building.
Owner—Wm. S. Hart, 2199 3rd Ave., Sacramento.
Architect—None.
Contractor—W. L. Chatterton, 1032 42nd St., Sacramento.
Filed June 24, '24. Dated June 24, '24.
TOTAL COST, \$11,988
Bond, limit, forfeit, plans and specifications, none.

DWELLING, 5-room and garage, \$3500
No. 1449 Montgomery St., Sacramento; owner, Pearl Bros., 3001 J St., Sacramento.
STORE, \$23,500; No. 3144 Folsom Blvd., Sacramento; owner, J. J. Jacobs, 1500 K St., Sacramento; contractor, W. C. Keating, 40th and J Sts., Sacramento.
DWELLING, 5-room and garage, \$4500
No. 719 36th St., Sacramento; owner, R. A. Costor, 918 V St., Sacramento; contractor, H. L. Mee, 1920 13th St., Sacramento.
WAREHOUSE, \$6500; No. 1802 24th St., Sacramento; owner, Calif. Highway Commission.
STORE and rooming house, 3-story, \$24,000; No. 319 K St., Sacramento; owner, Spiro D. Giacomelos, 29th and J Sts., Sacramento; contractor, H. Goldman, 1116 5th St., Sacramento.
FOUR flats (4 rooms each) and garage, \$10,000; No. 2809 G St., Sacramento; owner, Mrs. C. Ebel, 1422 10th St., Sacramento; contractor, W. R. Saunders, 2414 I St., Sacramento.
DWELLING, 1-room and garage, \$2450; No. 2540 52nd St., Sacramento; owner, C. W. McCullough, 1106 G St., Sacramento.

DWELLING, 5-room and garage, \$3900
No. 2405 F St., Sacramento; owner, Geo. Jones, 517 24th St., Sacramento; contractor, C. J. Hopkinson.
DWELLING, 5-room and garage, \$2900;
No. 3249 C St., Sacramento; owner, F. L. Terra, 1712 W St., Sacramento.

DWELLING, 5-room and garage, \$2600
No. 316 33rd St., Sacramento; owner, W. D. Guild, 617 Q St., Sacramento; contractor, F. L. Terra.

DWELLING, 5-room and garage, \$2500;
No. 3012 C St., Sacramento; owner, H. G. Birdsall, 1516 27th St., Sacto.

DWELLING, 5-room and garage, \$5500;
No. 940 46th St., Sacramento; owner, Henry Ferratti, 3970 3rd Ave., Sacramento; contractor, N. Martine.

CLUB house, one-story, \$9110; South Side Park, Sacramento; owner, City of Sacramento; contractor, Fred Betz, 1321 Q St., Sacramento.
INTERN'S dwelling, \$9111; Second Ave. and Stockton Blvd., County Hospital Grounds, Sacramento; owner, Sacramento County; contractor, F. Betz.

ADDITION, 2-story brick, \$26,000; No. 3340 3rd Ave., Sacramento; owner, Ignacia Lewis; contractor, F. Betz.
DWELLING, 5-room and garage, \$2500;
No. 2622 26th St., Sacramento; owner, A. J. Perrone, 2530 37th St., Sacramento.

LWELLINGS, (2) 5-room and garages, \$2900 each; No. 3117 and 3185 Carly Way, Sacramento; owner, H. G. Birdsall, 1516 27th St., Sacramento.
DWELLING, 6-room and garage, \$3000;
No. 3704 Sherman Way, Sacramento
Owner, H. G. Birdsall.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
June 24, 1924—TRACT 25x100 bet. & U. W. of Front St., Sacramento.
Pacific Gas & Electric Co to whom it may concern. June 21, 1924
June 24, 1924—BLK V, W, 26th and 27th Sts., Sacramento. Sacramento City School District to whom it may concern. June 16, 1924
June 27, 1924—N 1/2 LOT 8 and S 1/2 LOT 8 V, W, 25th and 26th Sts., Sacramento. Gertrude Tonzi to whom it may concern. June 27, '24

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
June 24, 1924—LOT 1832 and S 10 ft. Lot 1831 and N 20 ft. Lot 1833 W & K Tract 24, Sacramento. Cutter Mill & Lumber Co vs Algae Clark Hanlon and E. W. Bodine. \$1410.11
June 24, 1924—W 60 FT. LOT 25, Heilbron Oaks. Sunset Lumber Co vs Anton L Johnson. \$201.15
June 25, 1924—LOT 45 East Sacramento. Charles Steinagel vs Ralph R Jones and A S Hackett. \$687

BUILDING CONTRACTS

SAN MATEO COUNTY

NO LOCATION. All work for bungalow and garage.
Owner—Walter C. and Bertha C. Roberson.

Architect—None.
Contractor—C. E. Fowler, 829 Edgehill, Burlingame.
Filed June 26, 1924. Dated June 18, 1924
Frame up \$1550
Brown coated 1550
Completed and accepted 1550
Usual 35 days 1550
TOTAL CAST, \$6200

Bond, Forfeit, none; Limit, by Sept. 20, 1924; Plans and specifications, none.

LOT 17 BLK B SAN BRUNO PARK. All work for 1-story and basement frame residence.
Owner—Henry and Ida May Berger 300 Lily, San Francisco.
Architect—None.

Contractor—A. L. Lunday, San Francisco.
Filed June 27, 1924. Dated June 14, 1924
Agree, signed 450
Framed 450
Brown coated 450
Completed and Accepted 450
Usual 35 days 1100
Note for TOTAL COST, \$3600

Bond, \$1800; Sureties, Aetna Casualty and Indemnity Co; Forfeit, none; Limit 6 working days; Plans and specifications filed.

BUNGALOW \$4600; Lot 21 Blk 6 Central Add. Highway Ave., San Mateo; owner, Chas. Palter, San Mateo; contractor, Leadly & Wiseman, 207 2nd, San Mateo.

DWELLING and garage, \$10,000; Lot 156 Occidental Ave., S. M. Park, San Mateo; owner, C. W. Higgins, 775 Geary, San Francisco; contractor, M. C. Rench, 728 S "E" St., San Mateo.

DWELLING and garage, \$9000; Lot N 1/2 302 S M Park Edgewood Road. San Mateo; owner, Mr. & Mrs. E. Ross, 115 West Bellevue, San Mateo; architect, E. L. Harberg, 533 Market St., San Francisco; contractor, Jas. D. Crichton, 706 El Camino Real.

BUNGALOW and garage, \$4000; Lot 26 Blk 8 Wisconsin Ave., San Mateo; owner, E. Bridges, Jersey Farm Dairy, San Mateo; contractor, A. W. Waldo, 604 North C St., San Mateo.

BUNGALOW and garage, \$5500; 14th Ave., San Mateo; architect, Evans & Co., San Francisco; contractor, Evans & Co., 359 Pacific Bldg., S. F.

DWELLING frame, \$6550; Rosewood Dr. Glazenwood, San Mateo; owner, H. C. Jenkins; architect, S. A. Born Bldg. Co.; contractor, S. A. Born Bldg. Co., 329 Rosewood Drive, San Mateo.

BUNGALOW and garage, \$4000; Lot 29 Blk N 11th Ave., Haywood Park, San Mateo; owner, G. Melster, 132 North F St., San Mateo; contractor, G. Melster, 132 North F St., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
June 26, 1924—LOT 2 BLK 1 CROCKER Daly Sub, Daly City. Chas. F. Gibbons to whom it may concern. June 24, 1924
June 26, 1924—LOT 8 BLK N HAYWARD Park, San Mateo. Charles Stephenson to whom it may concern. June 16, 1924
June 27, 1924—LOT 10 BLK 10 BURLINGAME Grove, Estella A. Crawford to whom it may concern. June 25, 1924
June 25, 1924—LOT 2 BLK 24 LYON & Hoag Sub, Burlingame. C. E. and Helen McDonald to whom it may concern. June 24, 1924
June 25, 1924—LOT BLK 32 LYON & Hoag Sub, Burlingame. Archie and Agnes Hamilton to Morris Sorrensen. June 24, 1924
June 25, 1924—LOT 17 BLK 17 VISTA Grand No. 1 Daly City. Thomas Johnson to whom it may concern. June 24, 1924

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June 24, 1924—S 1/2 LOT 225 SAN Mateo Park, San Mateo. Walter H. Chase to whom it may concern..... June 18, 1924.

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
June 25, 1924—N 1/2 S 33 L 2 & E 1/2 NE 1/4 of S 32 & SE 1/4 & E 1/2 SW 1/4 of S 32 & S 1/2 of S 33 & N 1/2 of NE 1/4 & NW 1/4 S 26 N S 27 & E 1/2 of NW 1/4 & SW 1/4 of NE 1/4 of S 28 T 8 S R 1 West MDW. H. C. Crawford vs Wiley M. and Mary Griffin	\$39,942.17

BUILDING CONTRACTS

CONTRA COSTA COUNTY

ADD 2nd story (2 apts.) \$6400; E 13th bet. Macdonald & Nevlin, Richmond; owner, Spiers Bros., 322 13th, Richmond; architect, J. T. Narbett, 9th and Macdonald, Richmond; contractor, A. L. Rector, 567 6th, Richmond.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
June 26, 1924—LOTS 11, 12 BLK 46 K B His, Fresno. Tony Mele to whom it may concern. June 26, 1924	
June 25, 1924—LOTS 13 14 BLK 12 College Park, Fresno. E. J. Walters to whom it may concern. June 23, 24	
June 25, 1924—FLOATING DECK IN oil tank, Fresno. S. P. Co. to Columbia Steel Tank Co. June 19, 1924	
June 25, 1924—L 17 N 1/2 L 11 BLK 11, Reedding Addn, Fresno. F. N. Cary to whom it may concern.	June 14, 1924

LIENS FILED

FRESNO COUNTY

Recorded	Amount
June 26, 1924—LOT 28 S 1/2 LOT 27 High Add Annex No. 1 Lot 15, S 1/2 ft of Lot 14 High Add No. 5, Fresno. Clyde M. Morton vs Geo. E. May	\$204
June 26, 1924—LOT 23 BLK 28 Hazelwood, J. H. Heal vs Frank Evancho	\$85
June 27, 1924—LOT 15 S 1/2 FT LOT 14 High Add Annex No. 5, Fresno. Bingham Wenks Planing Mill vs Geo. E. May	\$30
June 25, 1924—W 1/2 FT LOT 23 & of S 1/2 ft of Lot 22, Long Tract, Fresno. Sunset Lumber Co. vs Valley Bldg. & Inv. Co.	\$444
June 25, 1924—S 1/2 OF LOT 27 ALL of lot 28, High Add Annex No. 1. Same vs Geo. E. and Josephine N. May	\$739
June 25, 1924—LOT 15 S 1/2 FT OF Lot 14, High Add Annex No. 5, Fresno. Same vs Same	\$337

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
June 24, 1924—LOT 121 ORCHARD Park Sub Book L Maps Pg 62, Chas. O. Carter to whom it may concern	June 23, 1924
June 24, 1924—NW LINCOLN AVE. 200 ft NE Waverly St NE 100 x 200 ft pt Lots 1 & 2 Blk 62, John Duffield to whom it may concern.	June 23, 1924
June 24, 1924—PT LOTS 1 2 & 3 BLK 2 Map of Mrs. Helen L. Beal ptn Blk 2 Clayton & Beal Sub in Lots 23 & 24 Rancho de Los Coches, Earl D. Minton to whom it may concern	June 24, 1924

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded	Amount
June 26, 1924—LOT 2 CHRISTINA Subdivision No. 1 Nwly Cor. of Hicks Ave & Richards Ave, Willow Dis. The Minton Co. by Van E. Johnson, agt to J. V. Andrews. \$123.56	

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
June 28, 1924—LOT 22, Myrtle Park Resub. of Blk 9 and 17th Blk 1, University Grounds Blk "R" Maps Pages 55 and 56, San Jose. Sunset Lumber Co vs Bert Gamble. \$760.50	

SPECIFICATIONS FOR CAST IRON PIPE

At a conference in New York on June 5th, it was decided that there should be undertaken a general program of unifying existing specifications for cast iron pipe into a consistent set of nationally recognized specifications.

Consideration of the subject was introduced by a comprehensive paper by Mr. W. G. Hammerstrom, which outlined the present practice, not only of various organizations who have issued formal specifications, such as the American Water Works Association, The American Gas Association and the American Society for Testing Materials, but indicated the more usual commercial departures from and extensions of these standards. Mr. Hammerstrom also outlined the foreign practice, with particular reference to the work of the British, French and German cast iron pipe industries.

After a very thorough discussion of the various problems concerned in the proposal to bring about national uniformity in the industry, agreement was reached on the following scope for this work:

Unification and development of specifications for cast iron pipe, including: materials; dimensions; pressure ratings; methods of manufacture, in-

cluding such new developments as centrifugal casting, in so far as they may be necessary to secure satisfactory results in preparation of workable specifications; elimination of unnecessary sizes and varieties; consideration of the possibility of developing a co-ordinated scheme of metallic pipe and fittings applicable to all common mediums, (possibly along the lines of the work being carried on in Europe on the same subject); and methods of making up joints in so far as they are determining as to the dimensional design of cast iron pipe.

The types of cast iron pipe under standardization are to include: (a) Flanged pipe; (b) Flanged and bell mouth fittings and wall castings; (c) Pipe elbows, tees, Y's, return bends, and other fittings not now included in standard lists; (d) Cast iron pipe threaded for flanges or couplings; (e) Soil pipe and other light types of cast iron pipe and fittings.

The work will be co-ordinated with that of the existing sectional committee on pipe flanges and fittings, which is already well advanced under the sponsorship of the American Society of Mechanical Engineers, the Manufacturers Standardization Society of the Valve and Fittings Industry and the Heating and Piping Contractors National Association.

It was recommended that the work be carried out by a sectional committee under the auspices and procedure of the American Engineering Standards Committee, and under the joint sponsorship of the American Gas Association, the American Waterworks Association, and the American Society for Testing Materials, and formal recommendations to this effect were made to the AESC.

At its meeting on June 12th, the AESC formally ratified the recommendations of the Conference, and designated the three organizations named as joint sponsors for the work.

The Conference presented a true cross-section of the American Cast Iron Pipe industry—the men present serving as representatives of practically every organization concerned in the subject.

YUBA CITY SCHOOL IS DESTROYED BY FIRE

YUBA CITY, Sutter Co., Cal.—Fire of incendiary origin is believed to have caused the complete destruction of the Lincoln school, four miles from here, recently. The loss is estimated at \$25,000.

PREVENTING VARNISH BUBBLES

Air in the Varnish causes bubbles. To prevent this never shake the large containing can, and when pouring into the brush have the outlet of the containing can at the top so that the varnish will flow from the top as would water over the edge of a tilted bucket.

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SAN FRANCISCO, CALIF., JULY 12, 1924

Published Every Saturday
Twenty-fourth Year No. 28

Schumacher

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Warehouses

San Francisco Oakland
San Rafael

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Comfort*

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JULY 12, 1924

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AKLAND SCHOOLS CONDEMNED BY S. F. ENGINEERS

Construction of the McClymonds and
Roosevelt High schools in Oakland is
such as should not be allowed in any
school building.

The buildings are a hodge-podge of
all kinds of materials.

The fire hazard of the stages, with
paces above, is very great.

These were the outstanding features
of the report of C. H. Snyder and J. D.
alloway, San Francisco engineers, re-
ceived by the Alameda county grand
jury to conduct technical investigations
of the two buildings, erected under the
school bond issue of 1919, which is
under investigation for the second time
by a grand jury.

The report was submitted to the
grand jury and signed and released by
the members.

Commenting on the general con-
struction of the two buildings, the en-
gineers said:

"In the earthquake of 1906, build-
ings of this type, as at Stanford Uni-
versity, Menlo Park, San Jose Normal
school, and Agnews asylum, were
everywhere thrown down with loss of
life. We are of the opinion that an
earthquake of equal intensity to that
of 1906 will wreck the two buildings
under review."

The engineers reported that
throughout both structures there is
a complete absence of proper bracing
and no attempt seems to have been
made to make a building that would
be a coherent whole." It is charged
that the building ordinances of the city
of Oakland have not been followed.

CHARGES OF FOREIGN CEMENT DUMPING ARE PROBED

Charges that foreign producers of
cement are dumping cement in the U.
S. at prices below home market values
are being investigated by the Treasury
Department. McKenzie Moss, assistant
secretary of the treasury, conducted a
hearing at Washington June 6 and all
interested parties were asked to file
briefs by July 15. A decision is ex-
pected in September.

Investigations made by H. A. Hay-
ward, in charge of the dumping law
section of the custom law division, he
reported at the hearing, have not been
finished. Moreover the evidence is not
conclusive in all cases. Sales of Nor-
way cement have been made in the U.
S. less than the home market, German
and Swedish manufacturers have re-
fused to permit an examination of their
books, Belgian cement has been sold at
prices higher than the home market,
and comparisons on cement from Den-
mark have been difficult because of the
difference in the sizes of the lots sold
in the home market and abroad. He
regarded it as doubtful if there had
been any dumping of English cement.

Pacific coast manufacturers were re-
presented at the hearing by Jesse P.
Crawford of Washington, who produced
a number of invoices in support of the
charge of dumping. He said shipments
of cement from Norway had been sold
at 75 cents per bbl. below the home
market, cement from Sweden was sold
at \$1.15 below the home market, Bel-
gium 40 cents and Danish 37 cents be-
low the home market. Imports during
the first four months of the year from
these countries, he said, aggregated
615,470 bbls.

Importers of cement denied the
charges of dumping and said sales
were made at a small profit and some-
times even at a loss.

LOS ANGELES BUILDING FOR MONTH OF JUNE

Los Angeles building total for June,
1924, passed the ten million mark.
During the month the city building de-
partment issued 3387 permits with an
estimated valuation of \$10,292,524. For
the same month a year ago the number
of permits was 5094 and the estimated
valuation was \$15,074,446. For the first
six months of 1924 the number of per-
mits issued was 27,748 with an esti-
mated valuation of \$72,828,738, as com-
pared with 29,678 permits with an esti-
mated valuation of \$93,889,185 for the
corresponding period in 1923. The
record by months for 1924 and com-
parative figures for 1923 follows:

	1924	1923
January	\$13,158,526	\$11,258,517
February	16,083,412	12,070,310
March	17,279,758	21,194,087
April	13,224,568	15,352,944
May	8,789,932	18,926,881
June	10,292,542	15,074,446

Total

\$78,828,738	\$93,889,185
--------------	--------------

Class A construction for June
amounted to \$1,221,000, Class C con-
struction to \$1,371,550 and Class D, all
framed construction, to \$5,133,193.
Housing operations for June were re-
presented by 1160 permits for dwellings
and apartment houses, estimated to
cost \$4,752,087. These buildings will
provide accommodations for 1717 fam-
ilies, or an addition of approximately
7900 to the city's population.

UNIFORMITY OF CONCRETE IN PAVEMENTS

Information gathered recently in a
number of states strikingly demon-
strates the nonuniformity of concrete
used in pavements. The information
consisted of the results of compres-
sion tests on cores drilled from pav-
ements and it can be safely stated that
the situation disclosed is reflected in
general by concrete pavements
throughout the country.

For example, in one of the Eastern
States the extreme range of strengths
varied from 34 to 174 per cent of the
average strength. This occurred with
drilled cores which were five months
old at the time of test. The minimum
range for any particular age was from
86 to 121 per cent of the average
strength. One of the Middle Western
States reported on several projects
an average strength of 4,417 lb. per sq.
in. with an average minimum of 2,965
and an average maximum of 6,161
lb. per sq. in.

Reflecting on the significance of this
situation, remarks Public Roads, it
may be pertinent to inquire which
would be preferred, a pavement which
has a range in strength from 2,000 to
4,000 lb. per sq. in. or one which has
a range, say, from 2,700 to 3,300 lb.
per sq. in.? The answer to this ques-
tion is largely one of design. In the
former case it is not practicable to
take advantage of the higher or aver-
age strengths because there are parts
of the pavement which yield only
2,000-lb. concrete. With the more
nearly constant strength, the design
can be based with some degree of con-
fidence on 3,000-lb. concrete.

In other words, it is desirable from
both economic and practical stand-
points that the construction of con-
crete pavements be so controlled that
the properties of the concrete will be
uniform. If this uniformity is ob-
tained, the design can be based on con-
crete of predetermined strength and
the factor of safety required to cover
the variations in the quality of the
concrete can be materially reduced.

It is chiefly with the hope of con-
trolling the construction in such a
manner as to give this much-desired
uniformity of the concrete that the U.
S. Bureau of Public Roads proposes to
try out an improved method of con-
trol on an actual paving project.—En-
gineering and Contracting.

POWER SUPERVISOR NAMED

Harry G. Butler has been appointed
power supervisor by the Railroad Com-
mission for that portion of California
served by San Joaquin Light &
Power Corporation, Midland Counties
Public Service Corporation, Los An-
geles Gas & Electric Corporation,
Southern Sierras Power Company, San
Diego Consolidated Gas & Electric
Company, Ontario Power Company, and
Ojai Power Company, as the result of
the emergency created by the shortage
of rainfall and resultant reduction in
hydro-electric power production. As
the result of hearings conducted by
the Commission the companies enu-
merated, recognizing the emergency and
the need for regulation so that all in-
terests may be properly conserved,
joined in a resolution pledging co-
operation with the Commission in all
matters concerning service and inter-
change of power between the several
companies.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



ALONG THE LINE

A bond election for \$16,000,000 for the general improvement of the electric generating and distributing system of the city of Los Angeles is recommended to that city by the State Railroad Commission. The recommendation was based on an approval of the situation by which was asked of the commission by the public service commission of Los Angeles. The engineer predicted the failure of a proposed bond issue to twenty-one million for the improvement. The bond issue would call for the erection of adequate substations, the extension of the transmission lines to the harbor region and the joining of certain of the transmission lines with the system of the Southern California Edison Company. It was noted in the commission's recommendation that a bond issue election could not be held within six months of the previous bond election, according to law, unless it was framed as an initiative measure. The committee recommended that such initiative measure be framed at once and the necessary petitions circulated.

Building permits issued in Portland, Ore., this year show a large gain over the same period in 1923. During the first six months of 1924, there were 7644 permits issued for total valuation of \$15,032,855. During the same period in 1923, there were 6832 permits for total valuation of \$13,257,240, or a net gain for 1924 over 1923 of \$1,775,615. Permits issued during June, 1924, also show a large increase over June, 1923. During June, 1924, there were 1159 permits issued for a value of \$2,344,290. During the corresponding month of 1923, there were 1155 permits issued for a valuation of \$2,166,470, or a net gain of \$177,820.

Herman Roloff, superintendent of the Sacramento Brick Company's plant at Sacramento, died in that city July 1, as the result of a scalding sustained on June 13 at the plant when he was inspecting a broken steam pipe. Roloff was plant superintendent for the past twelve years, being appointed to that position following the death of its former superintendent, Jas. O'Neil.

Contractors engaged in county improvements are urged, in a resolution adopted by the Alameda County Supervisors, to purchase all materials and supplies used on county work from Alameda county firms and to employ, as far as is possible, Alameda county residents.

Transfer of the National Axle Corporation's \$160,000 plant at San Jose to the Great Western Motor Company has been completed. Tractors are the chief output of the concern and these will be continued. The factory was erected about four years ago and is located on the Oakland Highway.

City of Sacramento plans construction of a 200-ft dam and reservoir on the American river near Folsom in the interest of flood control. The project has no connection with the city's Silver Creek hydro-electric development, according to Albert Givan, city engineer of Sacramento.

Smith-Booth-Usher Company of Los Angeles and San Francisco announce it has been made exclusive distributors of Lincoln electric motors for all of California.

Adoption of a resolution calling for immediate steps to be taken to raise \$100,000 to complete the investigation and survey of the water resources of the State, in order that a complete report may be made to the next Legislature, and appointment of a committee of five to meet with other State committees and present the matter before the business men of the State, marked the accomplishments at a mass meeting of water users of the San Joaquin valley at Visalia, July 9. The survey contemplates in effect the eventual construction of the so-called Marshall Plan, evolved after thirty years of study by Col. R. B. Marshall, former U. S. government engineer.

Emphasizing the industrial conquests of the community, the fourth annual East Bay Manufacturers' Exposition will be held under the auspices of the Associated Manufacturers of the East Bay Cities at Idora Park, Oakland, for nine days, beginning Sept. 27. The Manufacturers' exposition, an annual event in Oakland, is regarded a business barometer of the activities of the East Bay cities. At the exposition the history and growth of the industries of the community are graphically shown. The attendance last year was over 150,000 people.

The Department of Commerce announces that, according to reports for the Census of Manufactures, 1923, the establishments engaged primarily in the manufacture of sand-lime brick in that year produced 187,025 thousands of brick, as compared with 93,005 thousands produced in 1921, the rate of increase being 101.1 per cent. The value of the production in 1923 was \$2,176,453, and in 1921, \$1,214,678, an increase of 79.2 per cent. The average value per thousand, however, decreased from \$13.06 in 1921 to \$11.63 in 1923.

Breaking all records, building in Alameda passed the \$2,000,000 mark during the fiscal year of 1923-1924 and was nearly double that of the preceding 12 months, totaling \$2,499,963.45, according to the statistical report of Eugene Maillot, building inspector. Building showed an increase of \$1,132,507.95 during the 12 months, the total for 1922-1923 being \$1,367,455.50. There were 981 permits issued during 1923-1924, as compared with 789 for 1922-1923, an increase of 192.

The American Gas Appliance Company, southern California distributors for the Pittsburgh automatic water heater, have placed on the market their new California gas furnace, which they call "a pipeless individual unit," the first size being the floor furnace type. The new furnace is constructed with rust-proof cast iron top and bottom and has alternating pilots. It is claimed the furnace sterilizes the air which is circulated evenly throughout the heated area.

H. E. Yeaton, assistant open hearth superintendent, has been promoted to high superintendent of the Columbia Steel Corporation's Pittsburgh, California, plant. Yeaton, prior to going to Pittsburgh, was connected with the Pittsburgh Crucible Steel Co. of Midland, Pa., and the Pacific Coast Steel Company at South San Francisco.

Albert Givan, city engineer of Sacramento, has been appointed general manager of the Sacramento Public Utility District by the district board of directors. Engineer Givan assumes his new office July 19 and will receive a salary of \$10,000 a year. Mr. Givan has been requested "at his earliest convenience to report to the board the number of employees necessary for the purpose of gathering the necessary data in preparing a comprehensive report on the water supply of the Silver Creek watershed, as applicable to the development suitable to the district, including all available information on the subject and matters bearing directly thereupon." Givan's report also will include "the probable cost of continuing surveys and engineering investigations heretofore carried on by the City of Sacramento on what is commonly known as the Silver Creek project" and prosecuting work in the manner necessary to procure and provide basic data for the preparation of a preliminary report covering plans and estimates of costs for the complete project to supply hydro-electric energy for this district and to embody such estimates as possible without too much cost of the possibility of a water supply for the city in connection herewith.

Louis H. Long, prominent in California railroad circles for the past forty years and one of the pioneer railway engineers of the West, died in Santa Barbara July 8. Long is noted as the director of the construction of the Southern Pacific system from Benson, Ariz., to Tepic, which is now being extended into Mexico City on plans formulated by him.

Hugh R. Davis, senior member of the partnership of Davis & Baume, Long Beach architects, has been appointed a member of the Long Beach city planning commission to fill the vacancy occurring by the resignation of Architect W. Horace Austin.

Inspection of all new Oakland buildings from a sanitary standpoint has been started by Sanitary Inspector Joseph Biven. Especial attention will be given to see that plumbing appliances taken from old buildings are not installed in new structures.

R. E. Tilden of Winnemucca, Nevada, has filed application with the Vallejo, Calif., city council seeking the position of consulting engineer on the Gordon Vallejo water project of the city of Vallejo.

Chas. S. Widdows of Stockton has been named chief engineer for the Woodbridge Irrigation District, recently organized in San Joaquin County.

E. M. Billings of Los Angeles has been appointed city engineer of Huntington Beach to succeed Louis F. Gates, resigned.

W. M. Bosworth has been appointed city engineer of Tacoma, Wash., succeeding C. E. Putnam.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

BOND REQUIRED OF SAN MATEO CONTRACTORS

Plans for placing building contractors under bond, probably \$1,000, or establishing a license fee for contractors as a protection to themselves and the public, were discussed at a recent meeting of the San Mateo city trustees. Contractors from Redwood City and other cities in the vicinity attended the meeting.

With a division of sentiment existing among the contractors over the preference of being placed under bond or paying a license fee, definite decision was withheld. City Attorney Albert Mansfield, with City Building Inspector Con Drathman, however, will determine this matter in the drafting of a new building ordinance.

While E. W. Magruder, speaking before the board, expressed the belief that a yearly license fee would be preferable, figuring that a bond would "keep out the little fellow," Gus Walter, another contractor, declared for the bond, asserting that "fly by nighters" coming into the city from the outside to do "transient" work, could easily put up \$75 or \$80 but could not get the necessary \$1,000 or whatever amount the bond might be set at.

NEW CRAFT PUBLICATION

Southern California Plasterer is the title of a monthly magazine, published by the Contracting Plasterers' Association of Southern California, the first number of which has just been issued. It has an illuminated cover and is neat in typography and make-up. R. W. Stratford, secretary of the association, is business manager and the editorial staff consists of C. A. English, Townsend Woodhill, John Pierce, J. J. O'Connor and George Pedgriest. The first issue contains a half dozen excellent articles of special interest to the craft.

ALAMEDA BUILDERS FOR CHANGE IN STATE LIEN LAW

The Builders' Exchange of Alameda county, through its board of directors, has gone on record as favoring a revision of the state lien law, making it conform to the principles laid down by the Advisory Council of the State Builders' Exchange which recently met at Fresno.

D. B. Farquharson, of San Francisco, was chairman of the committee that studied the lien law and recommended that it be revised in every particular except as it effects the rights of mechanics in the matter of wages.

BUILDERS TO PICNIC

The annual picnic and outing of the Portland, Oregon, Builders' Exchange will be held July 19 at Montrose Park. The outing is not confined to members of the exchange as that body has issued a general invitation to the public to attend.

COLUMBIA STEEL RECEIVES LARGE ORDER FOR COPPER WIRE FROM OREGON

What is said to be the largest order for stranded copper wire ever placed on the Pacific Coast was that just received by the Columbia Steel Corporation from the California-Oregon Power Company of Medford, Oregon.

The order is for 510 tons of wire and was received in competition with bidders from the largest manufacturers in the country.

Union Wage Scale Report Issued

Bulletin No. 354 relating to the union scale of wages and hours of labor of nearly 900,000 union members in the United States as of May 15, 1923, and showing comparison with preceding years, has just been issued by the United States Department of Labor through the Bureau of Labor Statistics. Advance figures of this report were published in the Monthly Labor Review of September and December, 1923, and January, 1924. The complete bulletin embraces returns from 66 leading industrial cities, and 12 groups of industries covering 89 trades or occupations.

In the average for all trades taken collectively the hourly wage rate on May 15, 1923, was higher in the United States than in any preceding year, being 9 per cent higher than on May 15, 1922; 84 per cent higher than in 1917; 111 per cent higher than in 1913; 123 per cent higher than in 1907; and 135 per cent higher than in 1900.

In 1923 the regular hours of labor were at the same level as in 1922; 4 per cent lower than in 1917; 6 per cent lower than in 1913; 7 per cent lower than in 1910; and 8 per cent lower than in 1907.

Sixty-eight per cent of all the union members covered had a regular working week of 44 hours or less and 18 per cent had a 48-hour week; 94 per cent of the bakers had a 48-hour week or less; 97 per cent of the building trades' members had a week of 44 hours or less as had also practically all of the granite and stone workers. Among the laundry workers 95 per cent had a 48-hour week. Of the metal trade members 56 per cent had

a 48-hour week and 35 per cent had a week of 44 hours or less. In the book and job printing trades 89 per cent had a working week of 44 hours or less, and 10 per cent had a 48-hour week. In the newspaper trade 53 per cent were on the 48-hour week. Twenty-nine per cent had a working week of over 44 and under 48 hours, and 18 per cent had a working week of 44 hours or less.

The average rates of wages per hour as of May 15, 1923, for the country as a whole for a few typical occupations were: bakers 32.1 cents; bricklayers \$1.321; building laborers 72.8 cents; carpenters \$1.084; plasterers \$1.306; plumbers \$1.151; longshoremen 72.2 cents; blacksmiths 89.7 cents; machinists 82.3 cents; newspaper compositors on day work \$1.013; and typesetting machine operators on day work \$1.031.

The average rate per hour for all building trades covered was \$1.068, for the metal trades 83.3 cents, and for the newspaper trades \$1.047. For all trades covered in the several industries the average rate per hour was 95.2 cents. As compared with May 15, 1913, the rate of wages per hour on May 15, 1923, showed an increase of 176 per cent for bakers, 91 per cent for bricklayers, 113 per cent for building laborers, 104 per cent for carpenters; 93 per cent for plasterers; 86 per cent for plumbers; 109 per cent for longshoremen; 103 per cent for blacksmiths; 101 per cent for machinists; 78 per cent for newspaper compositors on day work, and 93 per cent for typesetting machine operators on day work.

ENGINEER WINS SUIT

William Shearer, surveyor of Sutter County, won a legal battle over H. C. Flannery, auditor of the same county, when the third district court of appeal handed down a decision reversing a judgment of the Sutter County Superior Court and directing that judgment be entered in favor of Shearer.

The court proceedings were in the nature of a petition for a writ of mandate to compel Flannery to issue a warrant for \$34,000 in favor of Shearer for services rendered the county as surveyor. The trial court denied the petition and Shearer appealed to the appellate court. A dispute over the legality of the claim was the basis of the suit.

LUMBER ORDERS INCREASE

With 353 of the larger commercial sawmills of the country making comparable weekly reports for the week ended June 21, says the National Lumber Manufacturers' Association, new business showed a slight increase while production and shipments decreased compared with similar reports of 377 mills for the preceding week. As compared with the corresponding week in 1923, there was a considerable increase in new business and a noticeable decrease in production and shipments. The report of the Northern Pine Manufacturers' Association, Minneapolis, was not received in time to be included.

STEEL WORKERS' UNION SUES FOR \$10,000,000

According to newspaper advices from New York, under date of July 9, a counter suit for \$10,000,000 has been brought by the Structural Steel Workers' union, from which members of the Iron league, an organization of employers have asked \$5,000,000 damages on the ground that a strike called last May in New York was illegal.

Counsel for the contractors contended that the union had sought repeatedly to force the closed shop upon the league, and after calling the strike in May had resorted to intimidation and coercion to keep non-union men from working.

Samuel Untermyer, counsel for the union, denied that the open shop was involved. He said the contractors had been forced by the large steel producers to refuse to employ union workmen. He charged the league with violating the Sherman anti-trust law.

POWER PROJECT PLANNED

The El Dorado Power Company (Western States Gas & Electric Company of Stockton), plans to develop a new hydro-electric power project of 24, 100 horsepower in El Dorado county. The company, owner of a large power plant near Placerville, proposes to divert water from Silver Fork, tributary of the American River, and build a power house above Kyburz. The estimated cost is \$3,559,000. 150 feet high and 500 feet long also is planned. The water applied for is 250 cubic feet per second and 7500 acre-feet.

"Black Base" Construction in Mercer County New Jersey

BY H. F. HARRIS, MERCER COUNTY ENGINEER

During the season of 1922 the Engineering Department of Mercer County, New Jersey, was called upon to construct a short length of highway connecting two important improved roads. Upon this highway for almost the entire length there was erected on both sides a large industrial plant, the operators of which were called upon daily to ship by rail large tonnages of their product. It was required that this product should be hauled by horse-drawn trucks a distance of one-half mile to the nearest freight station.

In considering the design for the proposed pavement, the engineers of the County felt that a substantial foundation was one of the first requisites to a proper and suitable pavement.

The existing road had been spasmodically covered with a scant coating of macadam which was so badly rutted and hot-poled that it was with much difficulty that the street could be "navigated" at all.

Frankly, the engineers were in a quandary as to what would be the proper type of pavement to select and the best method of constructing a substantial and durable foundation for comparatively heavy traffic without seriously crippling the daily output of the plant, as it was impossible in any way to detour the traffic from the plant by any other outlet than the one which entered upon the street, and it was out of the question to shut off traffic for a period of from two to three weeks, should it be desired to construct the usual six inch Portland Cement concrete foundation. Moreover, the scanty depth of the existing stone, as well as its elevation above curb grade, precluded its use as a first class foundation.

They finally conceived the idea of constructing, a so-called "black base" pavement, on a sub-foundation of stone, which stone was taken from the excavated material and topping the "black base" with the regular standard sheet asphalt pavement 1½ inches thick.

The general method followed in constructing this foundation was to remove the existing one with forks and cast it into piles, then excavate to 3 inches below the grade fixed for the bottom of the "black base," replace the stone, which was then rolled and bound up in a similar manner to the ordinary macadam road, with the exception that no unusual effort was made to obtain particularly clean stone. There were two reasons for using this stone sub-base; first, it would have been impossible to have rolled the heavy sandy soil without the addition of some such material; second, it was felt that it would be advisable to provide ample depth of foundation for type of road so far untried in Mercer County.

After this had been properly shaped, sprinkled, rolled and compacted, the hot mixed "black base" foundation was applied in a manner similar to the ordinary asphalt binder course, except that it was constructed in two layers, each 3 inches thick after it had been thoroughly rolled after which operation a 1½ inch asphalt pavement was applied for the finish; this construction making a pavement having a total thickness of 10½ inches. The "black base" was constructed in two layers in order to obtain the greatest amount of compression.

The maximum length of time that traffic was suspended from the industrial plant after following out this

scheme of operation, was but four (4) hours, showing an economic saving in time of very considerable proportions, both to the plant owners and the general public.

The cost analysis per square yard on the basis of the low bid for this work follows:

Excavation	\$0.49
3 inch Stone sub-foundation.....	0.18..
6 inch Black Base.....	2.49
1½ inch Sheet Asphalt Surface	0.89

Total\$4.05
The cost was about 11% below the Engineer's estimate, and it is believed that with a larger volume of work and with contractors getting more familiar with the type of construction that the cost can be materially reduced. For the contractor it eliminates entirely the necessity of bringing in a concreting outfit.

The following typical analysis of the "black base" might be of interest:	
Bitumen	6%
Passing 200 Mesh.....	2.7%
Passing 100 Mesh, 4.2%	
" 80 " 2.2%	
" 60 " 4.9%	
" 40 " 3.2%	
" 30 " 2.6%	27.1%
" 20 " 3.6%	
" 10 " 4.7%	
" ¾ " 2.4%	
" ½ " 7.4%	
" ⅓ " 27.6%	
" 1" " 23.4%	64.2%
" 1½ " 5.8%	
	100%

A typical analysis of the asphaltic cement used follows:

Penetration of A. C.....	46
Fixed Carbon	15.3%
Mineral Matter .....	.05%
Organic Matter Insoluble.....	.05%
Bitumen	99.9%
Total	100%

The laboratory and plant inspection for this work was under the supervision of Dow & Smith, and the work was constructed by James J. Barrett, superintended by M. P. Quinn, and the engineering for the County was in charge of J. B. Walker.

While the total length constructed is comparatively short, it is believed that it is of sufficient area to demonstrate the possibilities of this type of construction, the greatest saving being in the amount of time which was saved during the operation.

The possibilities for time saving were well demonstrated the following year, when it was planned to reconstruct entirely a section of stone road approximately two mile in length. This job was planned and undertaken as a result of the previous year's experience.

In order to determine the exact width and depth of the old stone, the road was stationoned off in 100 foot sections. Three measurements were made at each section; one at the crown and one at each of the edges. At all of these points the depth of stone was recorded, and also the width of the original stone road.

As the old road had been treated four or five years in succession with hot asphaltic surface oil, a very heavy mat had been built up on the road. It was found that this mat had accumulated to a depth of considerably over an inch. In many places it even approached a depth of 3 inches. With a mat in this condition, it was impossible to continue the oil treatment, and traffic was increasing to such an extent that it was felt that a stone road was no longer

adequate to meet the traffic demands since the road in question formed a through truck route between New York and Philadelphia and connected directly with the free bridge over the Delaware River.

Measurements taken at the 100 foot stations previous to the actual design of the road, showed that the average width of the stone throughout the entire distance was 16.7 feet, the minimum being 15.1 feet and the maximum 18.9 feet. The depth of stone averaged 8½ inches, the minimum being 5½ inches and the maximum 13 inches, too large an investment to disregard.

After studying this situation carefully, it was decided to make use of this depth of stone as a foundation, widen it out where required, and build up additional thickness for foundation with "black base" construction, as in this case curbs or sidewalks had not been constructed, nor had grades for them been established. This idea had numerous advantages over other plans studied:

1. It would enable the authorities to construct a modern pavement in a minimum length of time.

2. It would give a thicker and heavier pavement.

3. Considering width and depth and the economy in time, it could be constructed at much less cost.

4. It would also conserve the investment in the original pavement to the uttermost, and there would be a minimum of inconvenience to abutting property owners.

5. Openings for extension of sewers, water and gas mains could be more quickly made and repaired.

The final plans called for constructing an asphalt surface 20 feet wide with 3 foot penetration shoulders on either side. The time allotted in the contract for completing the work was 121 days, Sundays and holidays included. The time in which the work was actually constructed was 71 days, making a difference of 50 days, for which the Contractor earned a bonus of \$500. Two miles of road were therefore entirely rebuilt in 71 days elapsed time. In the work also was included about 7000 worth of drainage pipes and other structures.

For constructing the sheet asphalt pavement 20 feet wide on a square yard basis the costs were as follows:

Excavation (for widening foundation)	\$0.141
Widening macadam foundation with stone including the scarfing and removal of old mat	0.755
Black Base, 304 lbs. per sq. yd.	1.355
Sheet asphalt surface, 1½ inches deep	1.49

Total cost\$3.747

The penetration macadam shoulders cost per square yard as follows:

Excavation	\$0.147
Foundation, 8 inch Water-Bound Macadam	0.755
Penetration macadam surface, 3 inches deep.....	1.35

Total cost,\$2.252

It will be noted that the cost of the penetration macadam surface 3 inches deep, was almost exactly the same as for laying the "black base," that is, \$1.35, the "black base" having averaged 3 inches in depth. In many places, however, the "black base" had a maximum of over 4 inches, due to making up inequalities in the old stone base.

The Engineer's preliminary estimate of cost for this work was \$104,740. After advertising for bids the following three lump sum proposals were received:

Bidder A.....	\$102,309.70
" B.....	104,641.50
" C.....	132,171.50

Unit prices were received for all items of construction. The award price for black base mix per ton was \$8.90 in place. Two and one-half inch (2½ in.) stone (trap rock) in place, \$4.00 per ton; stone screenings in place, \$3.25 per ton; excavation without classification, \$1.70 per cubic yard. The analyzed cost figures previously given for all items on a per square yard basis were equated from the per ton figures named in the bid.

In widening the roadway proper, the work of constructing the foundation for the penetration shoulders was included and performed as one operation. In this way it was possible thoroughly to roll and secure a well consolidated base, and eliminate a line of weakness which is often found at the point where the pavement joins the newly constructed shoulders. If the penetration shoulder is built after the laying of the surface pavement, as is often the case, it is very difficult to roll and consolidate stone in a trench only 3 feet wide or to bond and tie it into the old road.

This work was also constructed by James J. Barrett, and the asphalt work both at the plant and at the laboratory was inspected by Stillman & Van Sieten. The engineering was in charge of Mr. J. B. Walker.

It might be of interest to point out that the immediately adjoining the first described work there is a stretch of about one mile of 20-foot-wide sheet asphalt pavement of standard construction, built on a Portland Cement concrete foundation. This work was laid two years earlier and is also in very excellent condition. The only defects perceptible now are a series of transverse cracks at regular or fairly regular intervals, undoubtedly due to cracks in the base. These became quite apparent between the second and third year in the life of the pavement and observation and comparison of the behavior of these two pavements immediately adjacent to one another is going to be an interesting field for study.

Up to the present time the "black base" work has shown no cracks whatever, and is to all intents and purposes in every respect equal to the standard practice in constructing sheet asphalt with the rigid base.

JUNE BUILDING SUMMARY

Private building operations in San Francisco for the month of June, 1923, total \$3,899,374, according to Chief Inspector of Buildings John P. Horgan, of the Department of Public Works. During the month 858 permits were granted. The figures of the past month show a loss as compared with the month of May of this year and the month of June, 1923. During May of this year 932 permits were granted, representing improvements costing \$5,478,111. During June, 1923, a total of 868 permits was issued for improvements valued at \$4,213,346. Following is a segregated report of the operations for the month of June just closed:

Class	No. of Permits	Est. cost
A.....	2	\$1,025,000
B.....	1	80,000
C.....	20	339,950
Frame.....	376	2,068,408
Alterations.....	459	386,013
Total.....	858	\$3,899,374

United States as Market For Belgian Cement is Discussed

The March issue of the "Journal of the American-Belgian Chamber of Commerce," published in Belgium, contains an article by L. F. E. Giffroy, discusses the American market for the sale of Belgian cement.

The article is published follows:

The enormous amount of artificial Portland cement which has recently been bought and contracted for in Belgium by American importers, for future delivery, has suggested the giving of some timely advice both to buyers and sellers in order to avoid possible shortcomings and eventual financial losses.

It is evident that the fall in the exchange value of the Belgian franc has had a great deal to do with these large purchases, but it must be admitted that, according to reliable statistics, there is a temporary deficiency in U. S. production as compared with the ever increasing demand. In fact building permits have increased by some \$110,000,000 as against those of a year ago. To this must be added the drain made on existing stocks by the great amount of cement shipped to Japan by Pacific coast producers.

Tremendous efforts are being made, however, to increase the output of the existing mills and new ones are being erected all over the United States, some of them having started recently with a 4,000 barrel daily production. During 1923 the United States produced about 137,500,000 barrels of cement or some 22,500,000 barrels over the 1922 production. Conservative estimates seem to indicate that a total of 170,000,000 barrels will be turned out this year, which will be far superior to the combined production of the rest of the world.

This record breaking production will coincide with the Portland Cement Centennial as it is just 100 years ago—according to records on file in the British patent office—that Joseph Aspin, a bricklayer of Leeds, was awarded a patent for a material described as follows:

"He added clay to finely ground limestone, calcined the mixture and ground the product which he called Portland cement."

The only connection between Portland cement and the Isle of Portland on the coast of Dorsetshire, England, is that the cement when set resembles Portland Oolitic limestone in color. This stone is widely famed for building purposes and was extensively used in supplying material for St. Paul's Cathedral.

While pozzolanic cement was well known to builders in the earliest historic times, succeeded by hydraulic lime and Roman cement first used about 1796, it is only half a century ago that real progress was made in the manufacture of high grade Portland cement.

Care should be taken not to confound the so called natural Portland cement with artificial Portland cement, as the process of making both is entirely different, the former being always uneven in quality on account of irregular composition of the limestone and clay admixtures which form its basis. This makes it only suitable for ordinary building purposes, while the latter should be relied upon for soundness and resistance to high pressure is demanded, its manufacture perclusively for works where endurance,

mitting proper dosage and careful compounding.

Misleading labels are often used by unscrupulous dealers advertising for instance "Best Portland Cement," or "Finest Quality Portland Cement" but comparative tensile strengths taken at random amongst several tests will show the tremendous difference in intrinsic value of both qualities.

Averages in tensile strength per square inch

Natural Neat Cement—7 Days Test, 431 lbs.; 28 Days Test, 510 lbs.; Artificial—7 Days Test, 900 lbs.; 28 Days Test, 971 lbs.

SAND TEST

3 parts of standard sand to 1 part of cement.
222 lbs., 300 lbs., 427 lbs., 513 lbs.

Most countries have adopted a standard specification by which extreme allowances in objectionable ingredients are set forth and indicating the characteristics of chemical tests with minimum crushing and tensile strengths. While the Government has at Mechlen an official laboratory for testing materials, its results are seldom adhered to outside of the country so that Belgian Cement manufacturers have always used the British Standard specifications as a leader for the exportation of their products, same being generally admitted the world over as desideratum of efficiency.

These conditions have presided regularly over all transactions for years so that they might unconsciously bring about some important misgivings resulting in financial losses.

In these respects it would be well for Belgian producers to realize the great difference existing between British and American specifications when selling for export to the States.

Space would not permit of an elaborate display of requirements but the following comparisons in specifications will be sufficient to serve as a timely warning for mutual protection.

FINENESS

British Allowance

Maximum residue when sifted through.....108 x 180 sieve: 14%

Maximum residue when sifted through.....76 x 71 sieve: 1%

American Allowance

Maximum residue when sifted through.....N 200 sieve: 20%

INSOLUBLE RESIDUE

British.....1.5% not to exceed 0.85%

SULPHURIC ANHYDRIDE

2.75% not to exceed 2%

It must be distinctly understood that cement not answering the specifications of the Washington Bureau of Standards will not be admitted in United States governmental or municipal works and that all important building contracts contain the following stereotyped condition:

"The cement shall comply with the specifications for Portland cement, as adopted and amended by the American Society for testing materials."

Other conditions for testing sampling and the like, vary according to locations but the main requirements are always adhered to.

It is our greatest desire to foster commercial relations between the two countries in so far as it lies within our power and we therefore believe that our aim is the better attained when confronting the parties with the actual conditions which must govern honest mutual dealings.

Open shop laborers in the building trades last year provided 37 per cent more labor than 10,000 of the population than closed shop workers, according to the report of the com-

mittee on open shop of the National Association of Manufacturers. The committee also indicated in its report that strikes last year cost the American public \$550,000,000.

PUBLICATIONS

The Truscon Steel Company, Youngstown, Ohio, has just issued a booklet entitled "Beautiful and Permanent Walls and Ceilings Are the Body of Architectural Excellence." The book is addressed to architects, contractors, and builders, and calls attention to the advantages of the use of Truscon 1-A metal lath and expanded corner bead in the elimination of cracks, streaks, and other rapid deterioration in plaster. This lath was designed especially for home construction, the booklet states, and can be used throughout the structure at a total cost that will be very little, if any, higher than the cost of combustible wood lath and plaster. A copy will be sent free on request.

The Architectural and Allied Arts Exposition program for 1925 has been published. It contains the floor plans of the Grand Central Palace, New York City, where the exposition will be held, together with the rules and regulations for the installation and maintenance of exhibits. The exposition will be held April 20 to May 2, 1925, under the auspices of the American Institute of Architects and the Architectural League of New York. A list of the officers, directors, and committees of each organization is included in the program.

"Emissive Tests of Paints for Decreasing or Increasing Heat Radiation from Surfaces," is the title of Technologic paper No. 254 of the Bureau of Standards, Department of Commerce. The object of the paper, which is by W. W. Coblentz and C. W. Hughes, is to describe experiments conducted in quest of a means for decreasing or increasing the rate of thermal radiation from heated surfaces, valuable data are given on the emissivity of sheet iron, cotton duck, roofing material, etc., covered with white paint, vitreous enamel, aluminum paint, etc.

The Traitlet Marble Company, Long Island City, New York, has published a small booklet giving information of value to the specification writer. The booklet illustrates and describes T. M. C. Lockstrip and Cloisson-A floors. Instructions also are given on the installation of lock strip. The booklet is published by the Traitlet Marble Co., Webster Ave. and East River, Long Island City, New York.

"Compendium of Building Data for Architects, Engineers, and Builders" is the title of a hand book compiled and edited by J. Soman, B. S. C. E. The information contained in the hand book is based upon the New York code, but this does not preclude its usefulness elsewhere. The hand book is published by the Jual Publishing Company, 521 E. 170th St., New York City, and its price is one dollar.

"Model 200 Excavator and Crane" is described and illustrated in an exceptionally fine bulletin published by the Pawling and Harnischfeger Company, Milwaukee, Wisconsin. The Model 200 is said to be designed for the purpose of providing a simplified high grade, earth moving machine or crane at low cost.

"Bulletin of the National Research Council" contains the proceedings of the third annual meeting of the Advisory Board of Highway Research, division of engineering, National Research Council. The bulletin is published by the National Research Council, Washington, D. C.

The third book in the "Library of Architectural Documents," published by Pencil Points, is now being distributed to subscribers. The latest volume, bearing the title "Selected Monuments of French Gothic Architecture," contains one hundred selected plates reprinted from "Cathedrales de France" and "Monuments Historiques." From the rich store of material contained in the original work, which is out of print, the new book offers one hundred plates of French Gothic Architecture with text matter by Mr. John V. Van Pelt. The price of the book is \$6.

"Oiling of Earth Roads," is the title of Circular No. 11, issued by the Engineering Experiment Station of the University of Illinois. The circular, by Wilbur M. Wilson, gives detailed information concerning the results obtained with experimental roads, and also contains a recommended practice for the construction of a high grade oiled road on loam and clay soils similar to those found in central Illinois. Copies may be had without charge by addressing the Engineering Experiment Station, Urbana, Illinois.

The Fifth Edition of the Refractories Manufacturers Association's "Book of Brands" is ready for distribution. In addition to a complete list of manufacturers of fire brick in this country and in Canada, it gives an alphabetical list of the brands and trademarks used in the industry. The manufacturers' names are grouped by states, and this fact makes the book convenient for reference. Copies may be obtained without charge by application to Frederic W. Donahoe, secretary, 2202 Oliver Bldg., Pittsburgh, Pennsylvania.

Toch Brothers' "Red Book" is a valuable treatise on preservative and decorative paints and allied products. The booklet also includes information on cement colors, concrete floor coatings, damp-roofing, enamels, interior wall coatings, mortar colors, steel preservative paints, varnishes, and waterproofing. The E. L. W. preservative paints and compounds are manufactured by Toch Brothers, technical paint and varnish makers, 110 E. Forty-second St., New York City.

The Standard Scale and Supply Corporation, 1631 Liberty Ave., Pittsburgh, is distributing a circular describing and illustrating Standard concrete mixers, including the 4-S low charger, 4-S power loader, 7-S low charger, 7-S power loader, and 14-S power loader mixers.

The G. H. Williams Company, Erie, Penn., consulting engineers, designers, and manufacturers of clam shell buckets, has issued a catalogue describing all types of buckets suitable for all classes of dredging, excavating, and dredging work.

"Housing Betterment," the journal of housing advance published quarterly by the National Housing Association, 105 E. Twenty-second street, New York City, contains a valuable compilation of statistics on the building industry in its May, 1924, issue.

The Van Dorn Iron Works Company, 325 W. Madison street, Chicago, is distributing an attractive circular illustrating and describing Van Dorn safes in all sizes.

TRADE NOTES

The Henry Cowell Lime & Cement Company of San Francisco has started construction of a wharf at the terminal of Bay Point and Clayton Railroad on Suisun Bay, Contra Costa County, and intends to utilize it for shipping the bulk of its product at the Cowell plant. Lower freight rates by water shipment is said to have inspired the decision to build the wharf.

STEEL DEMAND IS IMPROVING

At a recent meeting of the board of directors of the Monolith Portland Cement Company, the regular dividend on preferred stock was declared and authorized payable during the month of July, to stockholders of record, as of July 1, 1924. This is semi-annual dividend No. 5, and payable at the rate of 8 per cent per annum for the period of January 1 to June 30, 1924.

Santa Rosa Lumber Company, Boyes Springs Lumber Company, Fulton Lumber Company, Clear Lake Lumber Company and Vallejo Lumber Company, with resources amounting to \$275,000 are now owned and operated by the Golden West Lumber Company of San Francisco, as a holding corporation, according to an announcement by the latter concern.

A wage cut amounting to approximately 10 per cent has been put into force by the Hutchinson Lumber Company of Oroville. In announcing the wage cut, the statement was made that the lumber demand does not warrant higher wages and that it was either a case of cut wages or curtail operations.

L. M. Giddings and L. T. Williams have formed a partnership and opened a general painting business at 668 25th street, Oakland, specializing in house painting, tinting, glazing and general painting work.

STEEL SASH BUSINESS GOOD

Though presidential years are commonly considered poor business years, sales figures of the Detroit Steel Products Company, Detroit, Mich., which has a large plant in Emeryville, for May show the greatest volume of steel sash business in four and a quarter years.

May performances surpassed that of April, last year, the largest month of 1923, by 15 per cent. April records for this year were beaten 15 per cent.

Further comparison would indicate that presidential years have been banner years for the above mentioned company since 1908; 1912 beat 1911 50 per cent, 1916 beat 1915 56 per cent, and 1920 beat 1919 10 per cent.

The Emeryville plant has recently been doubled in capacity and now has a capacity of 100,000 square feet of steel sash a year.

210-MILE PIPE LINE

A continuous steel tube 210 miles long without a coupling or a screw-thread connection will be laid this summer between Texas and Louisiana natural gas fields near Shreveport, La., and Beaumont, Texas. When completed, the longest 16-inch diameter pipe line in the world will cross two rivers, innumerable creeks and run underground through four counties to carry the natural gas to Beaumont. Oxy-acetylene welding will be used at every joint, replacing the old method of screw couplings, thus reducing the upkeep of the line to the vanishing point, and conserving a great quantity of gas from the leakage which has always been unavoidable with threaded joints.

Building News Section

APARTMENTS

Plans Being Figured.
APT. HOUSE Cost, \$15,000
SAN FRANCISCO, S Pacific Ave., bet.
Laguna & Buchanan Sts.
Three-story and basement frame and
plaster apartment house.
Owner—Melville Cohn, 147 7th Ave.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

Contract Awarded.
APT. HOUSE Cost, \$50,000
OAKLAND, NE Cor. San Pablo Ave. and
Stanford St.
Two-story brick store and apartment
house.
Owner—J. A. Beaudry & C. Brennan.
Architect—Hutchinson & Mills, 1214
Webster St., Oakland.
Contractor—M. Allen.

Contract Awarded.
STORE & APTS. Cost, \$35,000
OAKLAND, Grove and University.
Two-story concrete store and apart-
ment building.
Owner & Contractor—F. E. Romie and
J. R. Willis.
Architect—Hutchinson & Mills, 1214
Webster St., Oakland.

Contract Awarded.
APT. BLDG. Cost, \$25,000
SAN FRANCISCO, NE Sacramento and
Steiner Sts.
Three-story frame apartment bldg.
Owner—G. Mertzbach, care Stock and
Jose, 251 Kearny St., San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.
Contractor—Stock & Jose, 251 Kearny
St., San Francisco.

Plans Complete.
APT. BLDG. Cost, \$200,000
SAN FRANCISCO, SE Clay and Octavia
Six-story class C apartment bldg.
Owner—McKillop Bros., Russ Bldg. San
Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.
Contractor—McKillop Bros., Russ Bldg.
San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$80,000
SAN FRANCISCO, N Jackson 100 E Bu-
chanan.
Six-story concrete apartment bldg.
Owner—Sidney L. Feyer, 209 Post St.,
San Francisco.
Architect—Samuel Lightner Hyman &
A. Appleton, 68 Post St., S. F.
Contractor—F. L. Hansen, 510 Post St.,
San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, \$35,000
SAN FRANCISCO, SE Cor. Divisadero
and Loma Vista.
Three-story frame and stucco apts.
(6 4-room apts.)
Owner—J. H. Nutman & Darling, Nutt-
man & McCarthy.
Architect—A. Berger, 261 Valencia St.,
San Francisco.

Owner Taking Figures.
APARTMENTS Cost, \$45,000
SAN FRANCISCO, SW Fourteenth Ave.
and Anza St.
Three-story frame and stucco apart-
ments (12 3-room apts.)
Owner—Fred Anderson, 2152 Market St.
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

Plans Being Figured.
UNDERTAKING PARLORS \$40,000
SAN FRANCISCO, Market and Duboce.
Two-story cement and plaster under-
taking parlors and apt. bldg.
Owner—Mr. Gantner.
Architect—Walter C. Falch, Hearst
Bldg., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, \$40,000
SAN FRANCISCO, Union Street near
Pierce Street.
Three-story and basement frame and
stucco apartments (12 3-rm. apts.)
Owner—Emil Nelson, 77 Allston Way,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, \$40,000
SAN FRANCISCO, Union Street near
Pierce Street.
Three-story and basement frame and
stucco apartments (12 4-rm apts.)
Owner—Emil Nelson, 77 Allston Way,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$22,000
SAN FRANCISCO, S West Portal Ave.
250 SW Union.
Three-story frame apartment bldg.
(8 apartments).
Owner—John Murphy, No. 3 Day St.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.
Contractor—R. H. Kelly, 57 Grattan St.
San Francisco.

LOS ANGELES, Cal.—Bavin & Burch
Co., 173 E Jefferson St., have the con-
tract to erect a 4-story class C store
and apartment bldg. at Union Ave. and
Washington St. for W. E. McKenzie; it
will contain 4 stores and lobby on first
fl. and 49 single and double apartments
on upper fls. Brick walls, 4-story and
basement, comp. fig. 67x142 ft., press.
brick facing, cement and hardw. fls.,
gas rads., tile baths and drainboards,
wall and door beds, pine and mahogany
trim, plate glass, marble work, aut.
elec. elevator, water htr., Frank L. Stiff
626 Pacific Finance Bldg., archt.

Material of Merit DOORS

Firedoors, Freight Elevator,
Garage and Warehouse Doors.
Fold-up-Dors, Ti-co-dors, Cobald-
dors, Wal-el-dors.—St. Louis
Fire Door Co.

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The newest and most diversified
store front.—Security Metal

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The fireproof, ventilated non-
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Best Wood Preserver.

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J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

Owner Taking Figures.
APARTMENTS Cost, \$10,000
SAN FRANCISCO, S Oak 128 W Central
Avenue.
Two-story and basement frame apart-
ment bldg. (4 apts.)
Owner—S. Raskin, 731 Baker St., San
Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco.

Owner Taking Segregated Bldg.
APT. HOUSE Cost, \$120,000
SAN FRANCISCO, Eddy E of Larkin.
Five-story reinforced concrete apart-
ment house (24 two-room apts and
12 3-room apts.)
Owner—E. V. Lacey, 180 Jessie St., San
Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, \$40,000
SAN FRANCISCO, Union Street West
of Pierce Street.
Three-story and basement frame and
stucco apartments (12 3-rm. apts.)
Owner—Emil Nelson, 77 Allston Way,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

Owner Taking Figures.
APT. BLDG. Cost, \$20,000
SAN FRANCISCO, SE Cor. Francisco &
Van Ness.
Three-story and basement frame apt.
bldg. (11 apts.)
Owner—Axel A. Johnson, 632 Belvedere
St., San Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco.

Plans Complete.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, SW Chestnut and
Gough.
Three-story frame apartment building.
Owner—Stock & Jose, 251 Kearny St.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.
Contractor—Stock & Jose, 251 Kearny
St., San Francisco.

LOS Angeles, Cal.—Frank Rasche,
5652 Hollywood Blvd., has prepared
plans and will erect a store and apart-
ment bldg. on Santa Monica Blvd. near
Western Ave. for the Signal Realty Co.
Union Bank Bldg. Six stores, 30 apart-
ments; 4-story, 66x102 ft., brick walls,
press. brick facing, plate glass win-
dows, steel beams, comp. fig., pine trim
wall beds, tiled baths, steam htr., ele-
vator; \$100,000.

BONDS

HERMOSA, L. A. Co., Cal.—The city
atty. has been instructed by the trust-
ees to prepare a resolution for an elec-
tion to be called shortly to vote on a
bond issue for the purpose of acquiring
210 ft. of Strand on each side of the
Municipal Pier and the erection of an
auditorium.

SACRAMENTO, Cal.—Election will
be held Aug. 1 in Sutterville Heights
School District to vote bonds of \$7500
to finance school improvements. Trust-
ees of district are: A. J. Navlet, E. A.
Heilbron and W. L. Juergenson.

MODESTO, Stanislaus Co., Cal.—
Election will be held July 25 in Shiloh
School District to vote bonds of \$8000
to finance school improvements. Trust-
ees of district are: P. T. Dorland,
Henry R. Ronk and W. J. Ervin.

WILLOWS, Glenn Co., Cal.—Election
held in Oak School District to vote
bonds of \$12,000 to finance school im-
provements failed to carry; 26 in favor
and 87 against the issue.

MERCED, Merced Co., Cal.—Election will be held July 28 in Merced Falls Joint Elementary School District to vote bonds of \$12,000 to finance school improvements. Trustees of district are H. R. Lowell, F. R. Ferguson and Adam MacPherson.

SAN BERNARDINO, San Bernardino Co., Cal.—Until 7:30 p. m., July 14, bids will be rec. by the city council for the purchase of \$275,000 bond issue voted for the Devil Canyon water development. Bonds are \$1000 each, 5% Cert. check or bond 10%. J. H. Osborn, city clerk.

YUBA CITY, Sutter Co., Cal.—Election will be held Aug. 4, in Lincoln School District to vote bonds of \$10,000 to finance school improvements. Trustees of district are: J. A. Gould, E. A. Harris and J. S. Cope.

SANTA CRUZ, Santa Cruz Co., Cal.—Election will be held July 24 in Bald Mountain School District to vote bonds of \$2,100 to finance school improvements. Trustees of district are: L. A. Henneuse and Louis Reggiardo.

NAPA, Napa Co., Cal.—Election will be held July 30 in Gordon Valley School District to vote bonds of \$3500 to finance school improvements. Trustees of district are: W. H. Gordon, G. H. Scally and Stoneman Reams.

EL CENTRO, Imperial Co., Cal.—Until 7:30 P. M., July 9, bids will be received by the city clerk of the city of El Centro, Calif., for the purchase of an issue of \$200,000 of 6% municipal improvement bonds. Cert. check for 1%. J. S. Looftbourou, city clerk.

BAKERSFIELD, Kern Co., Cal.—A bond issue of \$3,000,000 to care for expansion needs, including additions of classrooms to eight schools, completion of Hawthorne school and erection of new buildings in Alta Vista and Lincoln Park districts, is advocated by C. E. Teach, Supt. of city grammar schools.

SAN DIEGO, Cal.—Until 10:30 A. M., July 21st, bids will be received by the treasurer of San Diego County for purchase of Occochee-Carlsbad Union High School District bonds in the amount of \$80,000. Deposit of 2%. Geo. W. Heston, treasurer.

CHURCHES

To Prepare Plans.
CHURCH Cost, \$85,000
SACRAMENTO, 37th & K Sts.
Brick church.
Owner—Fremont Presbyterian Church.
Architect—Leonard F. Starks, Ochsenr Bldg., Sacramento.

Plans Being Completed.
TEMPLE Cost, \$20,000
FRESNO, Fresno Co., Cal., Calaveras and N Streets.
Complete exterior and interior of temple.
Owner—Temple Beth Israel, Harry Coffee, president.
Architect—Robert B. Hotchkin, Rowell Bldg., Fresno.

Work will consist of finishing main entrance and interior work with exception of main auditorium. Only the frame work of the structure has been completed up to the present time.

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Description

CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET
near Harrison St.
SAN FRANCISCO, CALIF.

Plans To Be Prepared.
CHURCH ETC. Cost, \$250,000
BERKELEY, Dana and Bancroft St.
Brick and stone church and parsonage.
Owner—Trinity M. E. Church, Berkeley
Architect—Tuttle & Tuttle, 357 12th St.
Oakland.

LONG BEACH, L. A. Co., Cal.—C. C. Middleton & Co., 297 Temple Ave., Long Beach, have the contract to erect a \$50,000 addition and remodeling at the stone church bldg. at 5th St. and Pacific Ave., Long Beach, for the First M. E. Church, Assn., W. Horace Austin, 521 Pac. S. W. Bldg., Long Beach, archt. Three-story, found. 40x90 ft.

LOS ANGELES, Cal.—Archit. Robert H. Orr, 1305 Corporation Bldg., is preparing plans for a new church to be erected at Budlong and Santa Barbara Aves. for the University Christian Church; it will have large auditorium and balcony to seat about 740 people, classrooms, kitchen, social hall, etc. The auditorium section will only be built at this time. Brick walls, basement, tile and comp. flg., gas furnace, fan sys., htg., conc. fls. and basement walls, hardw. and pine fls., plas. exter., pine art stone trim, art glass, etc.; \$65,000.

ALHAMBRA, Los Angeles Co., Cal.—The First Methodist Church of Alhambra has secured a large piece of property, 350x318 ft., at cor. Main and Alhambra Sts. Alhambra Bldg. will erect a large church in the near future. The church will contain large auditorium, gymnasium, Sunday school assembly hall, social hall, kitchen, etc. C. A. Harding is the chairman of the building committee, the other members being Mrs. Dr. E. E. Clark, W. H. Kingery, J. H. Riley, F. H. Rerman, W. H. Windsor and Rev. E. J. Inwood, all of Alhambra. No architect has been selected.

LOS ANGELES, Cal.—Architect Robt. H. Orr, 1305 Corporation Bldg., has completed plans and is taking bids on sub-contracts for a church, to be erected at Budlong and Santa Barbara Aves., for the University Christian Church. It will have large auditorium and balcony to seat 740 people, classrooms, kitchen, social hall, etc. The auditorium section will only be built at this time. Brick walls, basement, tile end composition roofing, gas furnace heating system, fan system, ventilation, concrete floors and basement walls, hardwood and pine floors, plaster exterior, art stone trim, art glass. Cost, \$65,000.

FACTORIES AND WAREHOUSES

Bids to be Taken Next Week for
Structural Steel.
ALTERATIONS Bldg. Cost, \$150,000
CROCKETT, Contra-Costa Co., Cal.
Remodeling of sections 2 and 3 of warehouse No. 1 to conform with other structures, 250x500.
Owner—California & Hawaiian Sugar & Refining Co.
Con. Eng.—A. A. Brown, 215 Market St., San Francisco.

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CLAWSON'S PATENT CHIMNEY
Is the Most Complete on the Market

CLAWSON'S FURNACE GRATE
for Gas, Coal or Wood

CLAWSON'S
HOODS AND DAMPERS for
Open Fireplaces
Experts in Curing Smoky Flues
and in Ventilating

Terra Cotta and Galvanized Iron
Chimney Tops Erected
Chimney Sweeping

149 GOUGH STREET
Phone Park 6092 San Francisco

Sub-Bids Being Taken.
WAREHOUSE Cost, \$35,000
SAN FRANCISCO, E. Harrison St. near
Eighteenth St.
Two-story and basement reinforced
concrete warehouse.
Owner—The Lurie Co., 315 Montgomery
St., San Francisco.
Architect—O'Brien Bros., 315 Mont-
gomery St., San Francisco.
Contractor—Vukicevich & Bagge, 815
Bryant St., San Francisco.

Contract Awarded.
CREAMERY Cost, \$14,000
BERKELEY, Alameda Co., Cal. No.
2116 Allston Way.
Creamery building.
Owner—Berkeley Farm Creamery, 2116
Allston Way, Berkeley.
Designer—A. T. Manirette, S. F.
Contractor—Heath & Wendet, 1150 The
Alameda, Berkeley.

OAKLAND, Cal.—R. B. Ward and Co., Bakers, with main offices in Santa Barbara, has purchased a site bet. 61st and Seminary Avenues bet. the W. F. and S. F. tracks and will erect a modern baking plant. William B. Starz, former treasurer of the Star Motor Co., is secretary-treasurer of the Santa Barbara company.

EMERYVILLE, Alameda Co., Cal.—Pacific Gas & Electric Co., 44 Sutter St., San Francisco, authorizes \$823,500 expenditure for construction in Emeryville, including buildings, storage yards, warehouse, machine and electrical shops, foundry, laboratory buildings, metal shop and spur tracks.

BERKELEY, Alameda Co., Cal.—City council has re-classified, under city planning laws, the property at Fifth St. and University Ave., to permit Chas. Lock to erect a mammoth factory for the manufacture of sash and doors.

VERNON, L. A. Co., Cal.—Roy L. Jones, 311 S. Western Ave., is preparing plans for a 2-story and basement meat packing bldg. to be erected at 2891 E. Vernon Ave., Vernon, by Contractor J. H. Dodd, 1321 W. 74th St., for the Associated Meat Packing Co. Cost, \$50,000. Found. 70x103 ft., reinf. conc. walls and fls., comp. fl., wood trusses.

SAN FERNANDO, Los Angeles Co., Cal.—Edward F. Needham, president of the Thermosold Construction System, Inc., has acquired 5 acres on San Fernando road at Colorado St. and will start work at once on a manufacturing plant to cost about \$250,000.

SAN FRANCISCO—Bass - Hueter Paint Co., 2240 24th St., plans early construction of a \$500,000 plant for the manufacture of varnish on a 3-acre site bounded by Army, De Haro, Kansas and Mariposa Sts. The announcement is made by L. M. du Commun, general manager of the company.

GUADALUPE, Santa Barbara Co., Cal.—O. C. Marriott Co. has started work on a creamery bldg. at Guadalupe for the Golden State Creamery Co. Cost, \$50,000.

MIAMI, Ariz.—Thos. H. O'Brien, gen. mgr. of the Inspiration Consolidated Copper Co., announces work will be started soon on a \$6,000,000 leaching plant.

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(Members Builders' Exchange)

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FLATS

Plans Complete.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, S Lincoln Way 57-6
E-18th Ave.
Two-story flat and basement frame flat
bldg. (2 flats).
Owner—A. P. Buckman and C. B.
Rivers.

Contract Awarded.
FLATS & STORE Cost, \$11,000
BERKELEY, 3050-52-54 Telegraph Ave
Two-story flat and store building and
garage.
Owner—W. R. Scott, 2515 Ashby Ave.,
Berkeley.
Contractor—Nick Wierk, 404 45th St.,
Oakland.

Contract Awarded.
FLATS Cost, \$25,000
BERKELEY, 2339-41-43-45 and 2331-
33-35-37 Prince St.
Two-story flat buildings.
Owner—W. R. Scott, 2515 Ashby, Ber-
keley.
Contractor—Nick Wierk, 404 45th,
Oakland.

GARAGES

Contract Awarded.
GARAGE Cost, \$38,190
SAN JOSE, Post near Orchard.
Concrete commercial garage.
Owner—Normanden-Campen Co., 156 W
Sta. Clara, San Jose.
Designer—Herman Krause, Bk. of San
Jose Bldg., San Jose.
Contractor—Jorgensen & Cook, 193 N
Fifth, San Jose.

Plans Being Prepared.
GARAGE Cost, \$100,000
SACRAMENTO (Location not decided).
Four-story brick garage building.
Owner—Moller Auto Sales Co.
Architect—Jens C. Peterson, Peoples
Bank Bldg., Sacramento.

Plans Complete.
GARAGE Cost, \$50,000
SACRAMENTO, 18th & M Sts.
Two-story concrete garage building.
Owner—Arnold Bros., 1300 K St., Sac-
ramento.

R. O. Summers, San Jose, at \$1825
awarded cont. by county supervisors to
const. roof over county garage in Mar-
ket St. Other bids: DeCola and Weldon
\$2100; Geo. L. Honore, \$1750.

GOVERNMENT WORK AND SUPPLIES

DENVER, Colo.—Following bids rec.
by U. S. Bureau of Reclamation for
continuous wood flume and timber
structure for the Klamath project,
Oregon-California:
Continental Pipe Mfg. Co., Seattle,
Wash., \$1125.
Coastal Pipe & Flume Co., Seattle,
Wash., \$1,066.33.
Pacific Tank & Pipe Co., San Fran-
cisco, Cal., \$1181.92.
B. F. Vreeland, Denver, Colo., \$1-
41.36.
Redwood Manufacturers Co., San
Francisco, Cal., \$1192.20.

Res. Phone Piedmont 482

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Trees Trimmed or Removed
Equipped with Stump Pullers
and Power Saws
3212 Baker St., Berkeley, Calif.

WASHINGTON, D. C.—Bids are being
rec. by Bureau of Supplies and Ac-
counts, Navy Department, to fur-
del. materials to Navy Yards as fol-
lows; date for opening bids as noted
at close of each paragraph.

Sched. 2377, various eastern and west-
ern yards, 4850 pneumatic chisel blanks
27 pneumatic grinders and 18 pneu-
matic hammers, July 15.

Sched. 2383, various eastern & west-
ern yards, brass boat facing, July 8.
Sched. 2392, eastern and western
yards, brass and copper pipe and tub-
ing, July 15.

Sched. 2393, eastern & western yards,
11,900 lbs. voice tubing, July 15.

Sched. 2398, various eastern & west-
ern yards, steel conduit, July 15.

Sched. 2400, eastern & western yards,
miscellaneous iron and terra cotta pipe,
July 15.

Sched. 2401, eastern & western yards,
miscellaneous steel pipe and tubing
July 15.

Sched. 2404, Puget Sound, ventilating
sets and spare parts, July 22.

Sched. 2415, eastern & western yards,
whiting, July 22.

SAN FRANCISCO — Healy-Thibbets
Const. Co., 64 Pine St., at \$27,774 sub-
mits low bid to U. S. Coast Guard, Cas-
tomhouse, to const. rein. conc. jetty
and cross-tied timber bridge at Point
Benito, San Francisco Bridge Co. next
low bidder. Taken under advisement.

PUGET SOUND, Wash.—Otis Eleva-
tor Co., Washington, D. C., at \$4985
awarded cont. by Bureau of Yards and
Docks, Navy Department, to fur-
and install elevator in hospital at Puget
Sound, under Specification No. 4985.
Time to complete, 120 days.

PEARL HARBOR, T. H.—Bids will be
asked shortly by Bureau of Yards
and Docks, Navy Department, Wash-
ington, D. C., under Specification No.
5001, for circulating water discharge
loop at Naval Operating Base, Pearl
Harbor. Work consists of 54-in. precast
concrete pipe, extending from Point
G on south side of Central power
house, a distance of approx. 630 ft. in
addition to installation of manholes,
etc. See notice under Official Proposal
section in this issue.

SAN DIEGO, Cal.—Until 11 a. m. July
23 bids will be rec. by the Bureau of
Yards and Docks, Navy Dept., Wash-
ington, D. C., to paint Naval Operating
Base hospital. Spec. 4993 upon applica-
tion to Bureau of Works Officer, U. S.
N. San Diego, Deposit of \$10 for plans,
to be refunded.

HONOLULU, T. H.—Until Sept. 2, 9
a. m., bids will be rec. by Custodian of
Postoffice, Honolulu, and until Sept.
2, 12 M. by Superintendent of Construc-
tion, 403 Postoffice Bldg. San Francisco
to furnish and install mail chute in U.
S. Postoffice, Customhouse and Court-
house at Honolulu. See call for bids
under official proposal section in this
issue.

WASHINGTON, D. C.—Allotments for
river and harbor improvements under
act of congress approved June 7th,
announced yesterday by the war de-
partment for this fiscal year include:
In California: San Francisco harbor,
\$300,000; Oakland harbor \$245,000; San
Diego Bay and Mare Island \$200,000;
Suisun Bay channel \$13,000; Petalu-
ma Creek \$37,000; San Rafael Creek
\$30,000; Crescent City harbor, \$45,000;
Noyo harbor \$500; San Joaquin River
\$25,000; Sacramento River, \$95,000.
In Oregon: Coos Bay \$66,300; Coos
River \$3000; Yakima Bay and harbor
\$21,000; Clatskanie River \$6500; Willa-
mette River above Portland and Yam-
hill River \$18,000; Columbia River and
tributaries above Celilo Falls to the
mouth of Snake River, in Oregon and
Washington \$4000; Columbia and lower
Willamette River, below Vancouver,
Wash., and Portland \$637,000.

In Oregon, Washington and Idaho:
Snake River, \$10,000.

In Washington: Skamokawa Creek
\$1800; Grays Harbor and bar entrance
\$51,000; Grays harbor between Aber-
deen and Chehalis River \$1000; Seattle
harbor \$25,000.

In Hawaii: Honolulu harbor \$300,000;
Kalulu harbor \$1400.

SAN DIEGO, Cal.—Lt. Harry L. Hil-
ton, acting public works officer of 11th
Naval District, announces bureau of
medicine and surgery of Navy Dept.
will spend \$733,500 in enlarging Naval
hospital in Balboa Park. Plans for part
of the work have been completed and
bids will be called for within a short
time.

SAN FRANCISCO—Proposals will be
received by the Bureau of Supplies &
Accounts, Navy Department, Wash-
ington, D. C., until 10 o'clock a. m. July
8, 1924, for delivering solid tires, pneu-
matic casings and tubes, electric air
heaters, gasoline, air and suction hose,
steel boiler tubes, twist drills and fuel
oil hose to the Naval Supply Depot,
San Diego, Calif., and the Navy Yard,
Mare Island, Calif. Apply for proposals
to the Navy Purchasing Office, San
Francisco, Calif., or to the Bureau of
Supplies and Accounts, David Potter,
paymaster general of the navy.

SAN FRANCISCO, Cal.—Until July
23, 1924, 11 a. m., bids will be rec. by
Bureau of Yards and Docks, Navy Dept.
Washington, D. C., for excavation for
future, storehouse at Marine Corps
Depot for Supplies at San Francisco
under Spec. No. 4999. See notice to con-
tractors under official proposals this
issue.

PEARL HARBOR, Hawaii. — Until
August 13, 1924, 11 a. m., bids will be
rec. by the Bureau of Yards and Docks,
Navy Dept., Washington, D. C., for a
750,000 gal. elevated steel water tank
on steel tower at the Naval Operating
Base, Pearl Harbor. Spec. No. 4992. See
notice to contractors under official
proposals this issue.

WASHINGTON, D. C.—Bids will be
called for shortly by the Bureau of
Yards and Docks, Navy Dept., for the
removal of the Fender System, Coal
Depot, Tiburon, Cal., under Spec. 5002.
See Notice to Contractors under Of-
ficial Proposals this issue.

WASHINGTON, D. C.—Bids will be
called for shortly by Bureau of Yards
and Docks, Navy Dept., under Spec.
4989 for steel coal trestle for Naval
Coal Depot, Tiburon, Cal. See Notice to
Contractors under Official Proposals,
this issue.

HALLS AND SOCIETY

Date of Opening of Bids Extended to
July 17th at 8 P. M.

ALTERATIONS Cost, \$10,000
PIEDMONT Magnolia and Highland
Avenues.

Alter frame club house into commu-
nity house.

Owner—City of Piedmont.
Architect—Meyer & Johnson, Bankers
Investment Bldg., S. F.

Plans Complete. Cost, \$5000
CLUB HOUSE
SACRAMENTO, American River n of
H St.
Two-story frame club house.
Owner—Kiwanis Club, Sacramento.
Architect—Jens Peterson, Peoples Bk.
Bldg., Sacramento.

Working Drawings Being Prepared.
ADDITION Cost, \$15,000
BERKELEY.

One-room addition to club bldg.
Owner—Berkeley Country Club.
Architect—W. H. Ratcliff, Jr., Mer.
Trust Bldg., Berkeley.



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Plans to be Prepared. Cost, \$200,000.
BUILDING
SAN FRANCISCO. Sacramento St., bet. Stockton and Grant Ave.
 Four-story Class A. Y. M. C. A. Building (Chinese Members).
 Owner—S. F. Y. M. C. A.
 Architect—Meyer & Johnson, 742 Market St., San Francisco.

Bids to be Taken Next Week.
BUILDINGS Cost, \$90,000
LAKE ORINDA. Contra Costa County.
 Group of buildings consisting of store, warehouse, swimming tank and golf and country club house.
 Owner—Withheld.
 Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S. F.

To Be Done by Day's Labor.
BUILDINGS Cost, \$90,000
LAKE ORINDA. Contra Costa Co., Cal.
 Group of buildings consisting of store, warehouse, swimming tank and golf and country club house.
 Owner—Withheld.
 Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S. F.

Bids Opened.
CLUB BLDG. Cost, \$50,000
OAKLAND. Alameda Co., Cal., E Webster St. N 15th.
 Two-story concrete store and club building.
 Owner—Business & Professional Holding Corporation.
 Architect—Miller & Warnecks, 414 13th St., Oakland.
 Barr & Son, 357 12th, Oakland. \$41,385
 A. Cedarborg. 42,230
 M. E. Hopper & Son. 42,490
 Lawton & Yeager. 43,682
 March-Williams. 43,704
 Barrett & Hilp. 46,300
 All bids under advisement.

Plans Being Figured—Bids Close Aug. 4, 1924.

MEMORIAL BUILDING Cost, \$22,000
MARTINEZ. Contra Costa Co., Cal.
 Two-story concrete and frame veterans' memorial building.
 Owner—County of Contra Costa.
 Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
 Plans on file in office of clerk and obtainable from architect.

Sub Contracts Awarded.
STORE & LODGE Cost, \$250,000
SANTA ROSA. Cal., A St., bet. 4th & 5th
 Three-story steel and reinforced concrete store and lodge building.
 Owner—Santa Rosa Lodge of Elks.
 Architect—Shea & Shea, Chronicle Bldg. San Francisco.
 Contractor—A. M. Hildebrand, 406 4th St., Santa Rosa.
Structural steel awarded to Ralston Iron Works, 20th and Indiana Sts., San Francisco.

Reinforcing steel to W. S. Wetenhall, 357 12th St. Oakland.
 Bids are being taken for plastering, plumbing, steam heat, sheet metal.

Figures to Be Taken Next Month.
LODGE & OFFICE Cost, \$170,000
SAN JOSE. North First St.
 Six-story and basement reinforced concrete lodge and office bldg.
 Owner—Knights of Columbus, San Jose
 Architect—Leo J. Dyllin, Pacific Bldg. San Francisco.

SUSANVILLE. Lassen Co., Cal.—Until July 18, 8 P. M. bids will be received by Masonic Building Committee to erect Masonic Temple building; est. cost, \$30,000 to \$35,000. Ralph D. Taylor, architect, Lassen Industrial Bldg., Susanville. Construction will be of either local stone or concrete, alternate bids being asked. Interior will be of wood construction. Heating plant is to be hot air system. See call for bids under official proposal section in this issue.

NEWPORT BEACH. L. A. Co., Cal.—R. Holmes Paul, 345 S Hill St., L. A. has completed preliminary plans for a bath house, swimming pool and large clubhouse, to be erected at Newport Beach, for William S. Sparr, pres. Sparr Fruit Co., Douglas Bldg., L. A. Frame constr., the pool will be of reinf. conc. constr.; no other details decided; \$270,000.

LOS ANGELES. Cal.—Lange & Bergstrom, 901 Washington Bldg., were low bidders at \$2,380,000 for all work complete for erecting the new class A club bldg. at n.w. cor. of 6th and Figueroa Sts. for the Jonathan Club, Schultze & Weaver, Pac. Mutual Bldg. archts. Other bids were: Wm. Simpson Constr. Co., \$2,475,000; Pozzo Constr. Co., \$2,484,000; Scofield Engr. Constr. Co., \$2,509,000; Veymouth & Crowell Co., \$2,500,000; Macdonald & Kahn, \$2,644,000; L. A. Planning Mill Co., \$2,732,240. Bids were also received on 31 alternate propositions but these in no way alter the relative position of any of the bidders. The bids were slightly in excess of the amount available for construction and were taken under advisement by the building committee until it can determine the best way to reduce the cost about \$200,000.

PASADENA. Los Angeles Co., Cal.—Architect Arthur Carl Brockway, 400 Security Bldg., Pasadena, has been commissioned to prepare plans for the new Masonic Temple to be erected facing the new city hall in the civic center on Euclid Ave., between Colorado and Walnut streets, Pasadena, for the Pasadena Masonic Temple Assn. John C. Austin, Detwiler Bldg., L. A. will be consulting architect. The building will cover the entire 120x197 ft. site. Cost and type of construction to be determined later.

HOSPITALS

Contract Awarded.
ALTERATIONS Cost, \$100,000
SAN FRANCISCO. NE 27th and Valencia Streets.
 Alterations to hospital.
 Owner—St. Luke's Hospital, 27th and Valencia Sts., San Francisco.
 Architect—Chas. Steinhilber & Sons, Monadnock Bldg., San Francisco.
 Contractor—Lewis P. Hobart, Crocker Building, San Francisco.

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LOS ANGELES

BAKERSFIELD. Kern Co., Cal.—Following bids rec. by Kern County Supervisors to furnish and install refrigerating plant in County General Hospital, Chas. H. Biggar, architect: Baker Ice Machine Co., \$26,700; Cyclops Iron Works, \$22,549; York Manufacturing Co., \$23,612; Carbondale Iron Works, \$21,475; Vulcan Iron Works, \$15,375, (special bid for part of equipment); Parker Iron Works, \$15,935; Western Supply Co., \$22,722; Pacific Ice Machine Co., \$8950 (for part of equipment). C. P. Helpman bid \$3400 for installing small refrigerators.

Wilmot Castle Co. low bidder for installing sterilizers at \$6657.

R. L. Sherer bid \$10,252 for sterilizers and \$3016 for instrument cabinets. Following bids received for kitchen equipment: Nathan Dohman Co., \$11,878.71 or \$9931 with part of equipment excluded; A. Weill, Bakersfield, \$15,756; Griffiths Sheet Metal Co., \$10,511; Mangrum & Per Co., \$11,328.

Stewart School Supply Co. low bidders for window shades at \$1620. F. W. Kauland at \$1639.75 only other bidder.

All bids referred to Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield, for recommendation as to awards of contract.

GLENDALE. L. A. Co., Cal.—Archts. Roth & Parker, 7050 Hollywood Blvd., L. A. are preparing plans for a class A hospital bldg. to be erected on Laurel St. near Central, for the Physicians & Surgeons' Hospital of Glendale. Dr. H. R. Boyer, pres.; Dr. J. E. Eckles, vice-pres.; Dr. H. C. Smith, treasurer; it will have facilities for 75 patients including three operating rooms, large lobby, sun porch, diet kitchen, servants kitchen and dining room, laundry, toilets and baths, each room will have private bath, nurses' and service rooms, maternity dept.; boiler room, etc. Reinf. conc. constr., 1-story and basement, 155x60 ft., tile and comp. rfg. cem., oak, cork, terrazzo and tiled fls., plaster exter., steam htg. sys., aut. elec. elevator, ventilating sys., sound deadening; \$200,000.

HOTELS

Planned.
HOTEL Cost, \$1,000,000
SAN FRANCISCO. Turk St. near Leavenworth St.
 Ten-story Class A hotel for Y. M. C. A. Owner—Y. M. C. A.
 Architect—International Bldg. Bureau, New York.

SOUTH GATE. L. A. Co., Cal.—Suburban Hospitals, Inc., with architect connection on a 60-bed hospital and administration bldg. at Madison and Southern Sts. One-story and basement, brick walls, tile roof; cost \$40,000.

LOS ANGELES. Cal.—W. F. Riley, 3706 Whittier Blvd., has the contract to erect a 4-story class C hotel bldg. at 1226 Georgia St. for W. H. Hastings and W. F. Riley; it will contain 84 rms. with about 50 per cent baths, restaurant in basement, and lobby. Brick walls, 50x137 ft., comp. rfg., press. brick facing, hardw., cement and pine fls., plaster, bath trim, comp. bath, gas steam boiler for htg., metal skylights, terra cotta trim, aut. elec. elevator, etc. A. Godfrey Bailey, 410 Hill St. Bldg., archt.

A. E. Leitch J. G. Leitch

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LOS ANGELES, Cal.—Arch't. M. Friedman, 401 Bixelier Bldg., has prepared plans and is taking bids for erecting a 4-story and basement class C hotel bldg. at n.w. cor. of 7th and Berendo Sts. for I. Holzman. It will contain 120 rooms; dimensions, 80x150 ft., brick walls, press, brick and cast stone facing, marble and tile work, hardwood and pine trim, elevators, steam htg., vacuum cleaning; \$175,000.

LOS ANGELES, Cal.—Arch't. William Bruce, 430 Chapman Bldg., is preparing plans for a hotel bldg. to be erected at s.w. cor. 5th St. and South Park Ave. for Joseph Crosby; it will contain 3 stores and lobby on first fl. and 50 hotel rooms in upper fls. Frame const., 3 story and part basement, comp. rfg., 136x43 ft., cement plaster ext., metal lath, tiled baths, plate glass, steam hgs. sys., copper stove fronts, pipe trim, cement, terrazzo fls. and pine trim, storage water htr.; \$45,000.

LOS ANGELES, Cal.—Arch't. Chas. F. Plummer, 1108 Story Bldg., has completed plans for a class C hotel bldg. to be erected at 807 S Union Ave., for Lydia B. Gibson; it will contain lobby and 110 rooms with about 60 per cent baths. Brick walls, 4-story and basement, comp. rfg., 50x150 ft., rug, brick wall and stone facing, plate glass, basement, steam hgt. sys., tiled baths, 2 elec. aut. elevators, pine trim, ornsm. iron work, cement, tile and pine fls.

ICE AND COLD STORAGE PLANTS

BAKERSFIELD, Kern Co., Cal.—See "Hospitals," this issue. Bids opened for hospital refrigerating plant.

POWER PLANTS

STOCKTON, San Joaquin Co., Cal.—Contract awarded Frank Tucker, 321 N Sierra Nevada St. at \$15,496 for alterations and addition to the power house at the County General hospital by Board of Supervisors. Other bids submitted are:
E. H. Riley \$15,742
L. A. Peletz 15,912
(\$1211) 1st report June 7, 1924.

FALLON, Nevada—Until July 30, 3 p. m., bids will be rec'd by D. W. Atkinson, city clerk, to const. electric generating station, alternative bids being desired for (a) 2 Diesel or Semi-Diesel engines, one of 150 h.p. and one of 250 h.p. each direct connected to individual 2300 volt 60-cycle 3-phase alternating current generator and exciter to utilize the full rated power of engine without overload; (b) two Diesel or Semi-Diesel engines, one of 200 h.p. and one of 300 h.p. d.c. to generators as in (a) only of corresponding larger size. Specifications and further information obtainable from city clerk.

ALAMEDA, Alameda Co., Cal.—Until July 28, 5 p. m., bids will be rec'd by A. D. Goodhue, secy. Board of Public Utilities, 1414 Park St., to fur. regulators and other equipment. Spec. and further information obtainable from secretary.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close July 21, 2 P. M.
CITY HALL Cost, \$35,000
in Bonds Voted
LEMOORE, Kings Co., Cal.
Two-story brick city hall, 50x65 feet. Quarter City of Lemoore, W. W. Sheahan, City Clerk.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.
Cert. check 10% payable to city clerk req. Plans obtainable from architects on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

STOCKTON, San Joaquin Co., Cal.—Bids were opened July 9th at 8 o'clock p. m., by the Clerk of the Board of Trustees of the City of Stockton, plate glass, the construction of a class A reinforced concrete Memorial civic auditorium, according to plans and specifications by Glenn Allen, 41 S Sutter Street, Stockton, and Wright & Saterlee, Bank of Italy Bldg., Stockton (comprising city architectural commission.)

General Contract
R. W. Littlefield, general contract, \$387,600, alternate 1.—deduct for cast stone trim, \$11,500; alt. 2.—add for steel window frames, \$4400; alt. 3.—add for bronze front doors, \$1400; alt. 4.—add for kalsamine front doors, \$750; alt. 5.—add for plate glass, \$1400; alt. 6.—add for Freddite and linoleum, \$4900; alt. 7.—add for cases in Mem. Hall, \$31350; alt. 8.—add for metal lockers, \$700; alt. 9.—add for light standards, \$1400; alt. 10.—add for Memorial tablets, \$50; alt. 11.—add for tile floors in toilets, \$1500; alt. 12.—add for cast granite steps, \$1000; alt. 13.—add for steel door jams, \$2900; alt. 14.—add or deduct for brick & T. C., \$6300; alt. 15.—add or deduct for P. B. & cast stone, \$1800.

L. S. Peletz, \$395,700; (1) \$11,000; (2) \$500; (3) \$2500; (4) \$2554; (5) \$1600; (6) \$4640; (7) \$1135; (8) \$525; (9) \$3150; (10) \$1000; (11) \$1500; (12) \$2100; (13) \$2674; (14) \$3750; (15) \$4500.
Reilly & Semitz, \$379,347; (1) \$11,400; (2) \$6000; (3) \$1000; (4) \$1000; (5) \$1353; (6) \$4590; (7) \$903; (8) \$800; (9) \$1800; (10) \$1000; (11) \$1500; (12) \$1200; (13) \$1800; (14) add \$10,340; (15) \$3500.

J. F. Shephard \$387,797; (1) \$15,200; (2) \$5000; (3) \$1363; (4) \$900; (5) \$292; (6) \$980 \$2930; (7) \$1050; (8) \$298; (9) \$2000; (10) \$1500; (11) \$1500; (12) \$1200; (13) \$1700; (14) \$1800; (15) \$9050.

Robt. Trost, \$440,000; (1) \$17,000; (2) \$9000; (3) \$1100; (4) \$600; (5) \$1800; (6) \$4900; (7) \$900; (8) \$—; (9) \$1500; (10) \$1150; (11) \$1500; (12) \$1300; (13) \$2100; (14) \$3500; (15) \$3000.

Frank Tucker, \$379,679; (1) \$13,500; (2) \$5053; (3) \$2900; (4) \$2900; (5) \$1487; (6) \$3040; (7) \$1101; (8) \$340; (9) \$1500; (10) \$1100; (11) \$1456; (12) \$1650; (13) \$2669; (14) add \$15,467; (15) add \$14,767.

West Coast Const. Co., \$426,819; (1) \$6662; (2) \$6895; (3) \$2254; (4) \$1020; (5) \$1353; (6) \$4816; (7) \$796; (8) \$760; (9) \$1470; (10) \$1144; (11) \$1145; (12) \$1205; (13) \$2156; (14) \$5048; (15) \$4468.
R. W. Moller, \$398,533; (1) \$8000; (2) \$4400; (3) \$2150; (4) \$785; (14) \$3715; (15) \$4115.

Electrical Work
Chas. Vorehies, Stockton.....\$18,574
Electrical Const. Co. 18,850
Hild Electric Co. 18,850
Latourrette-Fical Co. 19,000
Grider Electric Co. 19,412
Crown Electric Co. 19,905
Stockton Plumbing Supply Co., 22,906
N. L. Gnekow 24,074
Mixer Electrical Co. 25,980
Newberry Electric Co. 26,623
Butte Electric Mfg. Co. 26,854
M. E. Ryan 27,215

Structural Steel
Seller Iron Works, 345 S Pillgrim St., Stockton.....\$51,690
Minneapolis Steel & Machinery Co. 52,380
Schrader Iron Works 53,800
Golden Gate Iron Works 56,000
Dyer Bros. 57,000
Herrick Iron Works 61,300
Moore Dry Docks Co. 65,325
Pacific Coast Engineering Co. 65,383
Stephen-Smith & Co. 61,809

Heating, Plumbing and Ventilating
Stockton Plumbing Supply Co., 327 Miner Ave., Stockton.....\$41,544
Miller & Hayes 41,896
Brandt & Fraser 44,000
Brandt Bros. 45,630
N. L. Gnekow 45,847
Latourrette-Fical Co. 47,816
Scott & Co. 50,430
Gilley & Schaefer 52,287
Latourrette-Fical Co. (comb. bid)
Heat, plbg., elec. & vent. dec. 2% total. All bids under advisement.

SALINAS, Monterey Co., Cal.—Sweetser and Baldwin Safe Co., Los Angeles at \$2474 submitted only bid to supervisors to install burglar alarm system in county treasurer's office. Bid rejected. New bids will be considered July 21, 2 p. m. Spec. obtainable from T. P. Joy, county clerk.

LOS ANGELES, Cal.—Until 12 o'clock noon, August 13, bids will be received by the board of library directors for erecting the new central library building at 5th St. and Grand Ave. Bids are being taken for all work complete in one contract. The appropriation for the building is practically \$1,500,000. Plans and specifications may be obtained in writing to Carleton M. Winslow, architect, 921 Van Nuys Bldg. A deposit of \$75 is required for plans and spec. Plans were prepared by Bertram G. Goodhue and Carleton M. Winslow, assoc. archts. The bldg. will be 3-story and basement, main bldg. 239x200 ft. with tower, and a wing 81x129 ft.; class A reinf. concrete construction, terra cotta and stone facing, tile comp. and copper rfg., bronze work, marble and tile work, elevators, steam hgt., etc.

LOS ANGELES, Los Angeles Co., Cal.—Tropico Potteries, Inc., Glendale, submitted low bid to county supervisors July 1 (opening postponed from June 30) at \$102 for metal book rack setting terra cotta for the new Hall of Justice, N. Broadway and Temple St. L. A. Pressed Brick Co. bid \$165,000

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Uniform Color and Texture
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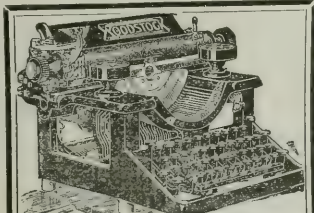
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DIRECT FACTORY BUYERS

LOS ANGELES, Los Angeles Co., Cal.
—Raymond Granite Co., 1350 Palmetto St., submitted low bid to county supervisors July 1, (opening postponed from June 30) at \$1,029,680 for furnishing and setting the granite for the Hall of Justice, N. Broadway and Temple St. McGillivray-Raymond Granite Co., bid \$1,185,755.

RESIDENCES

To Be Done By Day's Work.
COUNTRY HOUSE Cost, \$12,600
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and stucco country house (8 rooms).
Owner—A. H. Minton, Bank of Italy Bldg., San Francisco.

To Be Done By Day's Work.
COUNTRY HOUSE Cost, \$20,000
LOS GATOS, State Highway.
Two-story frame and stucco country house.
Owner—James A. Bachagalupi.
Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Plans Complete
DWELLINGS & GARAGES Cost, \$15,500
OAKLAND, 5336, 5340, 5400, 5406, 5412 Normandie.
Five 1-story 5-room dwellings and garages.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None.

Plans Being Figured.
RESIDENCE Cost, \$12,000
STANFORD UNIVERSITY CAMPUS, Palo Alto, Santa Clara Co., Cal.
Two-story frame and stucco 8-room residence.
Owner—Withheld.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.

Plans Being Figured.
RESIDENCE Cost, \$17,000
STANFORD UNIVERSITY CAMPUS, Palo Alto, Santa Clara Co., Cal.
Two-story frame and stucco 12-room residence.
Owner—Withheld.
Architect—Birge M. Clarke, 600 Embarcadero, Palo Alto.

Contract Awarded.
RESIDENCE Cost, \$14,000
SAN JOSE, 12th near San Carlos.
Two-story 9-room residence.
Owner—Dr. I. A. Fraser, Bk. of San Jose Bldg., San Jose.
Architect—C. S. McKenzie, Bank of San Jose, San Jose.
Contractor—J. B. Lamb, 640 S 11th, San Jose.

Plans Being Prepared.
RESIDENCE Cost, \$12,000
OAKLAND, Near Sequoia Country Club.
1½-story Spanish style residence with tile roof (hot air heating sys.).
Owner—W. W. Johnson.
Architect—Miller & Warnecke, Artico Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$14,639
PIEDMONT, Alameda Co., Cal. No. 11 Bellview Ave., Piedmont.
Two-story 8-room residence and garage.
Owner—C. F. Bryan, 297-D Perry St., Oakland.
Architect—None.
Contractor—Geo. J. Maurer Co., 177 Ridgeway Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, \$20,500
PIEDMONT, Alameda Co., Cal. No. 480 Wildwood Ave.
Two-story 9-room residence and garage.
Owner—A. L. Duncan, 54 Woodland St., Oakland.
Architect—None.
Contractor—A. Cedorborg, 1445 Excelsior Blvd., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$30,000
CARMEL, Monterey Co., Cal.
Two-story 10-room concrete block residence.
Owner—Withheld.
Architect—Henry H. Gutterson, 625 Powell St., San Francisco.

Owner to Take Figures.
RESIDENCE Cost, \$10,000
WILLITS, Mendocino Co., Cal.
Two-story frame country residence.
Owner—C. R. Negel.
Architect—Henry H. Gutterson, 625 Powell St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$9,000
ATHERTON, Santa Clara Co., Cal.
Two-story Colonial residence with shingle exterior.
Owner—Mr. Perry.
Architect—Henry H. Gutterson, 625 Powell St., San Francisco.
Contractor—Frank Fox, Palo Alto.

Plans to be Figured Next Week.
RESIDENCE Cost, \$25,000
PALO ALTO, Santa Clara Co., Cal. University Ave. and Marlowe St.
Two-story frame and plaster residence.
Owner—M. A. Buchau, 257 Byron Ave., Palo Alto.
Architect—Henry H. Gutterson, 625 Powell St., San Francisco.

GLENDALE, L. A. Co., Cal.—Geo. W. Okey, 715 N Louise St., Glendale, has taken out permit to erect by day labor a 20-family, 60-rm. (20 3-rm. units) bungalow court at \$31-901 Mariposa St; comp. rfs.; \$40,000.



NOTE:—Sandy Pratt is at Rio Nido on the Russian River so we picked out one of his best stories to run while away on a vacation—"The Office Girls."

MRS. BOB Hair lives.

NEAR SANDY Pratt, President.

OF THE Pratt Building Material Co.

PRODUCER OF Rock and Sand.

AND BOB Hair, her husband.

WAS OLD fashioned.

AND THOUGHT women.

SHOULD STAY home.

COOK HIS meals.

AND NOT spend 90%.

OF THEIR time.

PLAYING BRIDGE and poker.

MRS. BOB Hair wanted.

TO BOB her hair.

FRIEND HUSBAND was opposed.

BUT LIKE all wives.

SHE BEGAN to argue.

SHE SAID her headaches.

WOULD DISAPPEAR.

IF THE weight.

OF HER hair.

AND HER hair net.

COULD BE removed.

FROM HER brain casing.

SO BOB Hair gave in.

BECAUSE IT is the easy way.

FOR SOME ladies will argue.

AND BOB liked to read.

WHEN HE was home.

SO THE hair was bobbed.

AND NO more complaints.

ABOUT HEADACHES from friend wife.

BUT THE bills.

FOR MARCELLS, trimming, etc.

GAVE POOR Bob Hair headaches.

AND SANDY predicts.

THAT SOON all men.

WILL WEAR long hair.

AND A lady with long hair.

IS NO lady at all.

AND NOW changing.

FROM the sublime.

TO THE ridiculous.

SANDY PRATT, Producer.

OF THE best crushed rock.

AND CLEANEST, sharp sand.

IN THE world.

HEARD IRWIN Engler, Secretary.

OF THE Sacramento Chamber of Commerce.

TELL THE Sacramento Rotary Club.

THAT STATISTICS show.

THAT OUT of every 100 women.

THAT FAINT.

55% FALL into the arms.

OF GOODLOOKING men.

AND ONLY 1% fall.

INTO THE kitchen sink.

"I THANK you."



This photo (copyrighted by Curtis Publishing Co.) shows "Mrs. Bob Hair" on the road to the barbers, she has the (Pratt's) sand to walk away and her husband has the "rocks" (Prattrock) to pay for the same.

Plans Being Prepared.
RESIDENCE Cost, \$18,000
PALO ALTO, Santa Clara Co., Cal.
 One- and one-half-story frame and
 stucco Spanish style residence with
 tile roof.
 Owner—Frank W. Erlin, Call-Pest
 Bldg., San Francisco.
 Architect—W. H. Crim & Hamilton
 Murdock, 425 Kearny St., S. F.

Contract Awarded.
RESIDENCE Cost, \$13,168
FREMONT, Alameda Co., Cal. No. 132
 Gulfport Place.
 Two-story residence and garage.
 Owner—E. I. Holliman.
 Architect—None.
 Contractor—C. M. MacGregor, 470 13th
 St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$15,000
SAN FRANCISCO, W Valencia 280 S
 22nd St.
 Two-story frame residence.
 Owner—The Salvation Army, 36 Mc-
 Allister St., San Francisco.
 Architect—M. I. Diggs, 1901 Telegraph
 Ave., Oakland.
 Contractor—Chas. Lind, 36 McAllister
 St., San Francisco.

Contract Awarded.
RESIDENCES Cost, \$42,000
SAN FRANCISCO, NW California and
 31st Ave. and W 31st Ave. 28 53 73
 103 128 N California.
 Six Two-story and basement frame
 residences.
 Owner—Allen & Co., 168 Sutter St.,
 San Francisco.
 Architect—Earle B. Bertz, 168 Sutter
 St., San Francisco.
 Contractor—Harry B. Allen, Inc., 168
 Sutter St., San Francisco.

Bids To Be Taken Next Week.
RESIDENCE Cost, \$18,000
PALO ALTO, Santa Clara Co., Cal.
 One- and one-half-story frame and
 stucco Spanish style residence with
 tile roof.
 Owner—Frank W. Erlin, Call-Pest
 Bldg., San Francisco.
 Architect—W. H. Crim & Hamilton
 Murdock, 425 Kearny St., S. F.

CORONA, Riverside Co., Cal. — The
 John P. Mills Organization of Long
 Beach, sales agents for the syndicate
 developing the Happy Valley dist., east
 of Corona, announces that the syndicate
 will build about 25 dwigs, on Magnolia
 Ave. at a cost of more than \$100,000.
 Each dwelling will be located on a 2-
 acre farm, and will comprise 3 or 4-rm
 house, garage and chicken run.

SCHOOLS

Figures Being Taken — Bids To Be
 Opened July 18.
AUDITORIUM ETC. Cost, \$6
SUTTER CREEK, Amador Co., Cal.
 One-story concrete manual arts bldg.
 Owner—Sutter Creek Union High
 School.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Bids Opened for Orinda Park School.
SCHOOL Cost, \$25,000
ORINDA PARK near Richmond, Contra
 Costa Co., Cal.
 One-story cement block school bldg.
 Owner—Orinda Park School District.
 Architect—James T. Narbett, 910 Mac-
 donald Ave., Richmond.
 L. V. Perry, Concord at \$18,043
 awarded the contract. Other bids were:
 Hansen, Robertson & Zumwalt \$20,100
 E. H. Schmidt 31,294
 Paul Jones 32,436

Contract Awarded
ADDITIONS Cost, \$65,000
PALO ALTO, Stanford University.
 One-story brick and frame addition to
 gymnasium.
 Owner—Stanford University.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.
 Contractor—George Wagner, 251 Kear-
 ny St., San Francisco.
 Segregated bids to be taken in about
 three weeks.

Figures Being Taken — Bids To Be
 Opened at 12 O'clock M July 21, '24.
SCHOOL Cost, \$15,000
GUERNEVILLE, Cal.
 One-story frame school building.
 Owner—Guernville Grammar School
 District.
 Architect—Miller and Warnecke, Perry
 Bldg., Oakland.
 See call for bids under official pro-
 posals.

ALHAMBRA, L. A. Co., Cal.—Until 8
 p. m., July 17, bids will be received by
 board of education of Alhambra city
 high school district for erecting a
 new household arts building at the
 high school site; Allison & Allison, 1405
 Hibernian Bldg., archts. Bids will be
 taken separately on the general con-
 tract, plumbing and heating and venti-
 lating. The bldg. will be 2-story and
 basement, 60x110 ft., 10 classrooms and
 cafeteria; brick construction, brick and
 stucco exterior, comp. rfg., pine trim;
 \$72,000.

WATSONVILLE, Santa Cruz Co., Cal.
 —Until July 18, 8 P. M., bids will be
 rec. by G. F. Silliman, Clerk, Railroad
 School District, to erect addition for
 Railroad school. Plans by A. W. Story,
 135 Lincoln St., Watsonville. Cert.
 check 5% payable to clerk req. Plans
 on file with Secretary of Chamber of
 Commerce, Watsonville.

SAN FRANCISCO — Mahony Bros.,
 Flood Bldg., at (a) \$690,800 and (b)
 \$704,800 submits low bid to Board of
 Public Works to erect High School of
 Commerce addition in Fell Street bet.
 Van Ness Ave. and Franklin St. John
 Reid, Jr., architect, First National Bank
 Bldg. Other low bids are: Severin Elec-
 tric Co., 828 Mission St., at \$13,800 for
 electric fixtures; A. Lettich, 365 Fell
 St., at \$43,716 for plumbing; L. Flat-
 land, 1969 Mission St., at \$42,400 for
 electric work and W. H. Plcard, 6566
 College Ave., Oakland, at \$71,427 for
 mechanical equipment. Complete list
 of bids follow:

General Construction	
A	B
Mahony Bros. (low).....	\$690,800 \$704,800
Hayes-Oser	793,634 801,134
Barrett and Hilp	749,233 766,483
O. Monson	734,430 741,430
Anderson & Ringrose.....	748,000 758,000
C. H. Peterson and	
C. L. Wold	739,900 747,800
Reilly and Nemitz	768,936 776,436

Electric Fixtures	
Severin Electric Co. (low).....	\$13,800
Spencer Electric Co.	14,686
J. W. Burtchaeil	14,686
Thos. Day Co.	14,292
Thos. Day Co. (alt. bid).....	12,585

Plumbing	
A. Lettich (low).....	\$43,716
Wm. D. Stewart	66,731
Thos. Skelly	53,380
C. Petersen Co.	61,972
Henry Ernst & Sons	67,238
P. W. Snook Co.	59,200
Clarence Drucker	57,400
Turner Co.	53,740

Electric Work	
L. Flatland (low).....	\$42,400
M. E. Ryan	55,900
Butte Elec. Equip. Co.	46,881
Butte Elec. Mfg. Co.	46,511
Radefinger Bros.	49,700
F. E. Newbery Elec. Co.	48,000
Crown Electric Co.	47,785
Turner Co.	49,780

Mechanical Equipment	
W. H. Plcard (low).....	\$71,427
Wm. D. Stewart	74,145
C. Petersen Co.	83,832
Geo. A. Schuster	76,800
Jas. H. Pinkerton	81,998
Turner Co.	79,960
Knitlic-Cashel Co.	79,578
Scott Co.	81,325
P. W. Snook Co.	81,900
A. Lettich	74,430

WOODLAND, Yolo Co., Cal.—Until
 July 19, 8 P. M., bids will be rec. by
 Wm. M. Hyman, Clerk, Woodland High
 School District, for (1) special fixture
 work and (2) program clock system for
 high school building, now under con-
 struction. W. H. Weeks, 369 Pine St.,
 San Francisco, architect. See call for
 bids under official proposal section in
 this issue.

COLMA, San Mateo Co., Cal.—Until
 July 19, 8 P. M., bids will be rec. by
 Mrs. Stella L. Jensen, clerk, Jefferson
 Union High School District, to install
 gas heating system in high school. W.
 H. Weeks, architect, 369 Pine St.,
 San Francisco. Specifications obtainable
 from clerk.

SANTA ROSA, Sonoma Co., Cal.—Bids
 will be asked at once by Board of Edu-
 cation to furnish and install window
 shades in Fremont school. W. H. Weeks
 369 Pine St., San Francisco, architect.

BAKERSFIELD, Kern Co., Cal.—Un-
 til July 20, bids will be rec. by M. C.
 Hole, clerk, Belridge School District,
 paint main school building, to paint
 main school, teacherage and garage
 buildings. Bids may be submitted
 either for materials or labor or both.
 Further information obtainable from
 clerk.

LONG BEACH, L. A. Co., Cal.—Dav-
 lson & Thompson, 361 Walnut St., Long
 Beach, were awarded the general con-
 tract at a total of \$76,335 for erecting
 a new unit and remodeling the present
 buildings at the Burnett school site.

MODESTO, Stanislaus Co., Cal.—Rising
 Sun School District rejects bids to
 erect new school and plans will be re-
 vised to bring cost within amount
 available for construction. Bids were:
 Bengston and Ewenson, Turlock, \$16,
 896; W. Knutson, Patterson, \$17,999;
 Randolph and Ward, Modesto, \$17,950;
 E. K. Aangle, Dos Palos, \$17,148.



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(Patented)

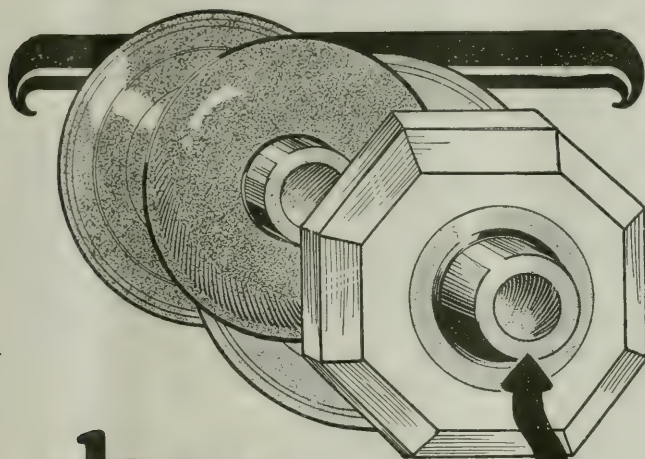
100% Mechanical Key.

Plaster
 Wall Board

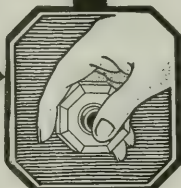
(Patent applied for)

The Last Word in Wall Board.

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AMERICAN BANK BLDG., SAN FRANCISCO

specify
(SCHLAGE)
BUTTON-LOCK

PATENTED

Plans Complete.
STORE & OFFICE Cost, \$150,000
SAN FRANCISCO. S Market 155 E 8th.
 Six-story steel frame store and office building.
 Owner—Marian Realty Co., 1171 Market St., San Francisco.
 Architect—Rousseau & Rousseau, Inc., 1171 Market St., San Francisco.

Completing Plans.
STORE & THEATRE Cost, \$100,000
SAN MATEO. 3rd Avenue.
 Reinforced concrete store and theatre building.
 Owner—B. Getz, Chronicle Bldg., S. F.
 Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Segregated Bids Being Taken.
ADDITION Cost, \$—
OAKLAND. Alameda Co., Cal. East Fourteenth St.
 Eight-story reinforced concrete addition to building.
 Owner—Montgomery Ward Co.
 Architect—Engineering Department.
 Contractor—Wells Bros.

Plans Being Prepared.
BANK, ETC. Cost, \$75,000
BURLINGAME. San Mateo Co., Cal. SW Burlingame Ave. and Middlefield Road.
 Three-story bank, stores, offices and apartments, 56 by 90 feet.
 Owner—Fred Lorton.
 Architect—Ernest L. Norberg, 409 Occidental Ave., Burlingame.

Plans To Be Placed In Two Weeks.
BANK & OFFICE Cost, \$100,000
LONG BEACH. Cal.
 Reinforced concrete bank and office building (height not decided).
 Owner—Bank of Italy, Long Beach.
 Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

SAN FRANCISCO. James T. Ludlow, 460 Montgomery St., awarded the contract for the installation of refrigerating plant and ice-making machine in the new Elk building in course of construction. Architects Meyers & Johnson prepared plans for the bldg.

MONTE VISTA. Los Angeles Co., Cal.—Campbell Constr. Co., Ontario, was awarded contract at about \$80,000 to erect a concrete and steel truck packing plant building, 147x198 feet, on a site near Central Ave., between the S. P. Railway and Union Pacific Railway tracks, for the West Ontario Citrus Association. The building and ice storage department will be 44x145 ft. The latter will have a capacity of 1500 tons. The pre-cooling rooms will take care of 69 cars of fruit. This department will be located beneath the plant. The plant will have a packing capacity of 15 cars fruit daily. The entire cost of the plant, including excavation, railway sidings, houses and machinery, will be \$200,000. William Hartley, manager.

FRESNO. Fresno Co., Cal.—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco, has purchased site, 150 by 100 ft., at SW corner Stanislaus St. and Van Ness avenue and contemplates erection of exchange and office buildings to cost in excess of \$150,000.

LOS ANGELES. Cal.—Arch. John M. Cooper, 321 Marsh-Strong Bldg., is preparing plans for a 10-story class A store and loft bldg. to be erected on Los Angeles St., bet. 10th and 11th Sts., for the Klein-Norton Co. Dimensions, 60x150 ft., reinf. conc. constr., press. brick facing, cem. fls., steam htg. system, pine trim; there will be several stores on SW ft. with lofts above.

THEATRES

LOS ANGELES. Cal.—John I. Kane & Co., American Bank Bldg., has the contract to erect a theater, store and office bldg. at n.e. cor. Pasadena Ave. and Avenue 56, for the West Coast Theaters Inc. Plans by L. A. Smith, 30, for the Klein-Norton Co. Dimensions, 151 ft., brick and conc. constr., press brick and terra cotta facing, plate glass, marble and tile work, ventilating sys., orn. iron work; \$200,000.

LONG BEACH. L. A. Co., Cal.—The Wurster Constr. Co., Wholesale Terminal, 7th St. and Central Ave., has the contract at about \$389,000 for erecting the store and theater bldg. on E Ocean Blvd., s of American Ave., Long Beach, for the West Coast Theaters, Inc. Plans by the Milwaukee Building Co., Wright-Callender Bldg., L. A. A theater, store and office, 2300-seat and concrete construction, 100x160 ft., full size stage.

FULLERTON. Orange Co., Cal.—Milwaukee Bldg. Co., 315 Writ-Callender Bldg., has completed plans and will erect a class A theater and cafe bldg. at cor. Spadra and Chapman Aves., Fullerton, for Stanley G. Chapman, Inc. It will have a seating capacity of 1000 people and there will be large cafe and roof garden, kitchen, etc. Reinf. conc. construction, 117x135 ft., hollow tile curtain walls, plaster ext., and apartment, 100 ft. x 15 ft., tile and comp. rfrg., tile, hardw. and cement fls., basement, plate glass, orn. iron work, steam htg. sys., washed air ventilating sys., pipe organ, etc.; \$300,000.

LOS ANGELES. Cal.—L. J. Smith, 320 N Rampart Blvd., will erect a 2-story class C theater, store and apartment bldg. at n.e. cor. of Temple St. and Hollywood Way for Fred J. Taber and L. J. Smith. Dimensions 100x100 ft., brick walls, press. brick facing, steel beams, plate glass, comp. rfrg., marble and tile work, plate trim, opera chairs, heating and ventilating; \$50,000.

WHARVES AND DOCKS

PITTSBURG. Contra Costa Co., Cal.—Until July 22, 8 p. m., bids will be rec. by Jas. Fitzgerald, city clerk, to const. bulkhead, consisting of 2 rows of piles, 3-ft. apart, 10-ft. centers including sheet piling and inside bracing, platform 3x12 planking, supported by said piles; bulkhead approx. 680 lin. ft. long. Also const. wharf consisting of 2 rows of piles 10-ft. apart, 10-ft. centers, covered by 2x12 decking on 3x12 joists; wharf approx. 120 ft. in length. Cert. check 10% req. with each bid. Plans on file in office of clerk.

MISCELLANEOUS BUILDING CONSTRUCTION

KERN COUNTY. Calif.—Standard Oil Co., Standard Oil Bldg., San Francisco, plans reconstruction program of 100,000-gal. farm tank farm. Cost \$250,000. Four 80,000-barrel capacity tanks replacing smaller tanks are included in the program.

REDDING. Shasta Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will expend \$165,000 in erecting club house, cottages, dormitory buildings, service buildings, water supply system, etc., to house permanent employees at the power project known as Pit No. 3.

MARYSVILLE. Yuba Co., Cal.—Yuba-Sutter Post, American Legion, will raise funds to finance construction of swimming pool; estimated cost \$10,000.

LEEBC. Kern Co., Cal.—Tom O'Brien has started work on a store bldg., post-office, amusement hall and cottages. adobe construction. Reported cost, \$100,000.

PASADENA. al. A. Co., Cal.—Arch. and Engr. Starrett & Payne, 426 Western Mutual Life Bldg., are preparing plans for the first use of a mausoleum to be erected on N Raymond Ave., Pasadena, for the Pasadena Mausoleum Co. Dimensions, 208x57 ft. with 2 wings 40 ft. wide, reinf. conc. constr., art. stone front, tile inter., comp. rfrg. mosaic fls., bronze doors and grilles, art glass windows and skylights; \$150,000.

SPOCKTON. San Joaquin Co., Cal.—H. H. Heming, 1751 Berkeley Ave., \$109,548, was awarded the contract for the construction of three additional horse barns at the County Fair grounds by the Board of Supervisors. A work must be completed before the fair opens August 21, 1924.

SANTA MONICA. Los Angeles Co., Cal.—Arne Nordskog, a musician has had plans prepared for an open-air stadium, similar to the Hollywood Bowl, to be located in the hollow north of Pico Blvd., belonging to the Pacific Electric Railway, for many years considered the eye-sore of Santa Monica. Mayor Steele is said to have approved the plans and volunteered, as far as possible, all necessary support. Est. cost, \$200,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO.—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8372—San Francisco. Man with four years' experience in China and Philippine Islands, now open for connection with reliable firm desiring to increase its business in that territory. Will consider any fair proposition.

8373—San Francisco. Office man, shipping and Oriental experience, and capable accountant, desires position. Excellent references.

8374—San Francisco. Gentleman with sales and executive experience directing automobile and machinery importations in Shanghai, desires to act as representative for a San Francisco firm in the Far East.

8375—San Francisco. Young Man with six years' experience in Europe, speaking and writing French, German and English, having a thorough knowledge of building materials trade, seeks an opening in San Francisco.

D-1301—Portland, Ore. Pacific Coast manufacturer of electrical washing machines wants San Francisco sales outlet. Can be handled on royalty basis or commission.

D-1302—New York. Manufacturer of electrical household appliances desires representation on Coast to manufacture heater on royalty basis. Patent can be bought outright.

D-1303—Berkeley, Cal. Young man experienced in production and sales desires local connection as sales representative for all lines of machinery. Can make investment.

8378—Sydney, Australia. Gentleman is interested in securing the New South Wales agency for labor saving devices for the home, such as washing machines, fireless cookers, aluminum ware, etc.

8375—San Francisco. Wanted for export, used or new knocked-down steel frame buildings, metal shell. Two warehouse buildings, 500x200 ft., height 17 to 18 ft. to eaves. One machine shop building, 60x80 ft. One office building 50x75 ft. Interested in any building approximating these sizes.

8383—Brussels, Belgium. Large Belgian cement works exporting large quantities of artificial Portland cement desire to appoint an agent in San Francisco to work on a commission basis.

8390—Paris, France. Manufacturer equipped to act as purchasing agent for San Francisco users of French Products, will give full information and reference to interested parties.

8391—Brussels, Belgium. Producers of Belgian marble and granite in slabs, rough or polished, manufactured stone wash stand tops and pedestals, desire to appoint an exclusive agent in San Francisco to represent them in the California territory.

8392—Tokio—Tokio, Japan. Trading firm desires to buy a quantity of second hand steel tool files to be ten inches and longer in length. Prices, methods of packing, weight and full particulars are requested.

8397—Berkeley, Cal. Gentleman with executive accounting and selling experience, introducing American products in China, speaking Chinese and having a wide acquaintance among Chinese merchants, desires to secure a position with San Francisco foreign trade firm.

D-1310—Successful business man from the East desires to locate here; willing to contribute money as well as services to local business.

Official Proposals

BIDS TO BE CALLED FOR SHORTLY FOR REMOVAL OF FENDER SYSTEM AT COAL DEPOT

NOTICE TO CONTRACTORS

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 5002, Removal of Fender System, Coal Depot, Tiburon, California. The work consists of the removal of present fender system, including fenders, fender piles, wales and dolphins and the installation of a new fender system at the Naval Coal Depot.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding data.

TO CALL BIDS SHORTLY FOR STEEL COAL TRESTLE

NOTICE TO CONTRACTORS

The Bureau of Yards and Docks invites your attention to the fact that it will open proposals, in the near future, on Specification No. 4929, Steel Coal Trestle, Naval Coal Depot, Tiburon, California. The work includes removing existing wood bents and stringers and erection of new steel bents and stringers, new decking and minor accessories.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding data.

BIDS WANTED FOR SCHOOL

NOTICE INVITING BIDS

Office of the Clerk of the Board of Trustees of Guerneville School District, California, July 1, 1924.

Sealed bids will be received by the Clerk of the Board of Trustees of Guerneville School District, California, at his office until 12 o'clock M, July 21, 1924, and will be publicly opened and read at 2:00 for the construction of a school building on the lot owned by the Guerneville School District in Guerneville, Sonoma County, California.

Specifications for this work are on file in the office of the Clerk of the Board of Trustees, and in the office of Miller & Warnock Architects, 1404 Franklin Street, Oakland, California, to which bidders are hereby referred to.

A copy of the plans and specifications can be procured from the Clerk of the Board of Trustees upon depositing \$10.00 with said Clerk, said deposit to be returned upon return of said copy.

WILLARD COLE,

Clerk of the Board of Trustees of Guerneville School District, Sonoma County, California.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR EXCAVATING

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Grading, San Francisco, Calif., Specification No. 4999," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., July 23, 1924, and then and there publicly opened for excavation for future storehouse at the Marine Corps Depot for Supplies, San Francisco, Calif. Specification No. 4999 and accompanying drawing may be obtained on application to the bureau or to the Commandant, Twelfth Naval District, San Francisco, California. Deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification.

L. E. GREGORY,
Chief of Bureau.

May 24, 1924.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal. — As previously reported, bids will be rec. by City of San Mateo until July 21, 3 p. m., to pave Crystal Springs road and El Camino Real. Project involv. 29,000 sq. ft. hyd. cem. conc. pavement, 7 to 9-in. thick; 900 cu. yds. excavation; 2000 sq. ft. conc. walks; 800 lin. ft. curb 6 catchbasins; 300 lin. ft. 4-in. sewer laterals; 80 lin. ft. 10-in., 900 lin. ft. 12-in. and 80 lin. ft. 15-in. vit. tile pipe storm drain, 1911 Act & Bond Act 1915. C. F. Price, city eng.

NOTICE TO CONTRACTORS

(Circulating Water Discharge Loop—
Pearl Harbor, T. H.)

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 5001, circulating water discharge loop, Naval Operating Base (Navy Yard), Pearl Harbor, T. H. The work includes a circulating water discharge loop, consisting of a 54-inch precast concrete pipe, extending from Point G on south side of central power house a distance of approximately 630

feet. The work also includes the installation of manholes, etc.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding data.

BIDS WANTED FOR STEEL TANK

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed, "Proposals for steel tank, Pearl Harbor, Hawaii, Specification No. 4392," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., August 13, 1924, and then and there publicly opened for 750,000-gallon elevated steel water tank on steel tower at the Naval Operating Base, Pearl Harbor, T. H. Specification No. 4392 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the commandant, Navy Yard, Mare Island, California. Deposit of a check or postal money order for \$5, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the specifications.

L. E. GREGORY,
Chief of Bureau.

May 24, 1924.

NOTICE TO BIDDERS

(Masonic Temple—Susanville)

The Building Committee of the Masonic Lodges of Susanville, will receive sealed proposals at or before 8:00 P. M., Friday evening, July 18th, 1924, at the office of Ralph D. Taylor, Architect, Room 3, Lassen Industrial Bank Building, Susanville, Calif., at which time and place bids will be opened for the furnishing of all material and labor necessary for the complete erection of a Masonic Temple in accordance with Plans and Specifications prepared by said Architect.

All bids must be accompanied by a certified check for 10% or more of the amount of the proposal. In case the proposal is accepted, in whole or in part, and the bidder fails to execute a contract for the performance of said work, and a bond of sufficient sureties in the sum of 50% of the amount of the contract price to secure the faithful performance thereof, within fifteen days after such acceptance, then the certified check shall be retained by said Building Committee as liquidated damages for the failure to carry out this proposal. Said contract and bond shall be in such form and of such contents as shall be satisfactory to the Building Committee.

All bids shall be made out on forms furnished with Plans and Specifications which may be obtained from the Architect.

A deposit of Ten Dollars will be required from all contractors receiving plans—said deposit to be refunded when plans and specifications are returned in good condition.

The Committee reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Masonic Building Committee, Susanville, California.
July 2, 1924. (tf)

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

603 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-3-3

General Listing Engineer
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Woodland High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Woodland High School District, Yolo County, State of California, in the present Grammar School Building in Woodland at 8 p. m., on the 19th day of July, 1924, for the following work in connection with the new high school building, to be erected in the City of Woodland, California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received as follows:

Special Fixture Work.

Program clock system.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 339 Pine Street, San Francisco, California, or at the office of the Principal of the High School in Woodland, California.

All bids should be presented on bid form furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California Bank in a sum not less than Five Per Cent (5%) of the amount bid, made payable to President of the Board of Trustees of the Woodland High School District, for the purpose stated in specifications.

Each bid must be delivered in sealed envelope and addressed to Wm. M. Hyman, Clerk of the High School Board of Trustees, and endorsed: "Proposal for Work New High School Building." The Board reserves the right to reject any and all bids.

(Signed) J. L. HARLAN,

President of the Board of Trustees of the Woodland High School District, Woodland, California.

NOTICE TO CONTRACTORS

(City Hall—Lemoore, Calif.)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the City of Lemoore, County of Kings, State of California, for the construction of a City Hall Building, up to but not later than eight (8) o'clock P. M., on Monday the 21st day of July, A. D. 1924, at the office of the City Clerk in Lemoore.

The work to be done in accordance with the plans and specifications prepared by Swartz & Ryland, duly licensed architects under the laws of the State of California, employed by the said Board of Trustees, and under their supervision and direction.

Each proposal shall be submitted on uniform blank to be obtained from the Architects and signed by the Bidder, and shall be accompanied by a certified check, or bidders bond, in the

amount of ten (10%) per cent of the total amount of the bid, made payable to W. W. Sheahan, City Clerk, to be retained by the Board of Trustees as liquidated damages should the party or parties to whom the contract has been awarded fail to enter into contract within five days after being notified of the award.

Surety bond in the amount of fifty (50%) per cent of the contract price will be required of the contractor as a guarantee of the faithful performance of the contract.

Plans and specifications may be obtained from the office of Swartz & Ryland, Architects, Room 424 Rowell Building, Fresno, on a cash deposit of Ten (\$10.00) Dollars as a guarantee that the plans and specifications will be returned in good condition at the expiration of the time loaned for estimating purposes.

The Board of Trustees reserves the right to reject any and all bids, without recourse.

By order of the Board of Trustees of the City of Lemoore, this 30th day of June, A. D. 1924.

By C. V. BUCKNER, Mayor.
W. W. SHEAHAN, City Clerk.

NOTICE TO BIDDERS

(Mail Chute—Honolulu, T. H.)

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C. June 27, 1924.

SEALED PROPOSALS will be received at the office of the Custodian of Post Office, Honolulu, Hawaii, until 9 A. M., and at the office of the Superintendent of Construction, Room 403 Post Office, San Francisco, Calif., until 12 M., and at this office until 3 P. M., Sept. 2, 1924, and then opened, for mail chute in the United States Post Office, Custom House and Court House, at Honolulu, T. H. Drawings and specifications may be obtained from the Custodian of Post Office, Honolulu, Hawaii, or from the Superintendent of Construction, Room 403 Post Office Building, San Francisco, Calif., or from this office in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

PROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2

o'clock p. m., on July 28, 1924, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

San Mateo County, between South San Francisco and Broadway Station (1V-S.M.-68-E), about five and two-tenths (5.2) miles in length to be graded.

The roadway embankment is to be constructed by one of the following methods:

(1) Restraining levees constructed of side borrow material, and the space between the dykes filled with material pumped in from borrow bits located in tide water.

(2) Embankment constructed of material obtained from side borrow.

(3) Embankment to be constructed of material hauled in from Belle Air Island.

Either concrete or timber structures are to be constructed through and under the roadway and the Commission reserves the right to award a separate contract for the construction of the structures under the roadway.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. This special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,

California Highway Commission.
R. M. Morton,

State Highway Engineer.
W. F. MIXON, Secretary.

Dated June 30, 1924.

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BRIDGES

SAN DIEGO, Cal.—Supervisors reject bids to const. bridge over San Luis Rey river near Bonsall. New bids will be opened July 24. McKay Engr. Co., of Los Angeles submitted low bid at \$97,800 complete, or \$95,800 without wing walls, but claimed an error was made in bid.

BAKERSFIELD, Kern Co., Cal.—Until July 28, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to const. rein. conc. box culvert on county rd. No. 18, over the James Canal. Cert. check 10% payable to county rec. Plans on file in office of clerk.

SAN DIEGO, Cal.—Llewellyn Iron Works, Main and Redondo Sts., Los Angeles, awarded cont. by San Diego Elec. Ry. Co. for fabricating and erecting steel bridges over Turquoise St. in Pacific Beach; over Witherby St. in Old Town and over the A. T. & S. F. tracks in San Diego, eliminating three dangerous grade crossings. The const. of these bridges has been sublet to Lipscomb & Dutton, Owl Bldg., San Diego.

OROVILLE, Butte Co., Cal.—Engineering Dept. of Western Pacific R.R. is preparing plans for new steel and concrete bridge to replace present wood structure over Meyers St.

LONG BEACH, Cal.—The Broadway Improvement Assn. backs plan to const. bridge across Flood Control Channel. Est. cost \$150,000.

SAN JOSE, Santa Clara Co., Cal.—City Council awarded contract to Davidson and Nicolson, 132 E. Jessie St., San Francisco and 324 West LaFayette St., Stockton, for const. reinf. conc. bridges over Guadalupe and Los Gatos Creeks on Santa Clara St. Contract price \$61,900.

LOS ANGELES, Cal.—North Pacific Constr. Co., 132 Detwiler Bldg., was awarded cont. by board of public works July 1, at \$401,898.80 for constructing the Ninth St. viaduct across the Los Angeles river and the tracks of the A. T. & S. F. Ry. and the Union Pacific Railway.

MONROVIA, L. A. Co., Cal.—St. Supt. Clinton Sergeant states that work will be started this month on a new bridge on Huntington Dr., costing approx. \$45,000. The cost will be borne by the cities of Monrovia and Arcadia, and the county. Plans and specs. have been practically completed and bids will be called for soon.

SEATTLE, Wash.—C. L. Creelman, 1079 25th St. N., Seattle, at \$159,269 awarded cont. by Board of Pub. Wks. to const. Montlake bridge. Contract for superstructure and machinery awarded to Wallace Electric Co., at \$150,452 and electrical equipment to Westinghouse Elec. & Mfg. Co.

SEATTLE, Wash.—City Eng. J. D. Blackwell preparing estimates of cost to reconstruct permanent viaduct at Smith Cove to replace the West Wheeler bridge recently destroyed by fire. It is estimated the work will involve an expenditure of \$1,000,000.

SAN JOSE, Santa Clara Co., Cal.—DeCola and Weldon, San Jose, at \$11,222 awarded cont. by supervisors to const. rein. conc. bridge over Guadalupe Creek on Brokaw road. Surveyor's est. \$14,600. Other bids: Herschbach & Sciarino, \$14,877; Wm. Radtke, \$15,367; Martin & Collins, \$15,940; West Coast Const. Co., \$14,968; A. Mattson, \$14,600; Rocca & Caletti, \$13,435; Davidson & Nicolson, \$16,936.

SAN JOSE, Santa Clara Co., Cal.—Rocca and Caletti, San Rafael, at \$12,536 awarded cont. by supervisors to const. rein. conc. bridge on Mountain View and Alviso road over Stevens creek. Supervisor Dist. Nos. 4 and 5. Surveyor's estimate \$15,425. Other bids: Davidson & Nicolson, \$16,470; Wm. Radtke, \$13,000; A. Mattson, \$14,950; West Coast Const. Co., \$14,614; Martin and Collins, \$12,889; Herschbach & Sciarino, \$13,444; Jno. W. Williams, \$13,480.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. bridge. Gilroy-Watsonville road over Little Arthur Creek. Sup. Dist. No. 1 and rein. conc. culvert on Mabury rd. over Silver Creek. Sup. Dist. No. 3. Plans on file in office of clerk. Robt. Chandler, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surveyor Lavoie is completing spec. for reinforced concrete r.r. crossing approx. 8-mi. from city of Santa Cruz; est. cost \$50,000.

PLACERVILLE, El Dorado Co., Cal.—F. Schmershall, Placerville, at \$1879 awarded cont. by city trustees to const. rein. conc. bridge over Hangtown creek on Coloma road.

SALINAS, Monterey Co., Cal.—E. Nommensen, 101 South 16th St., San Jose, at \$11,356 awarded cont. by supervisors to const. highway bridge over Big Sur river on state highway in Supervisor District 5. Other bids: Renner Foundation Co., \$12,500; West Coast Const. Co., \$14,435; engineer's estimate, \$10,443.

WOODLAND, Yolo Co., Cal.—Supervisors authorize construction of two bridges under emergency resolutions to cost \$4200 and \$2300; located in Supervisor W. C. Russell's district.

NAPA, Napa Co., Cal.—F. A. Younger Napa, at \$7747 awarded cont. by supervisors to const. 3 conc. deck bridges over 3-span bridge. Other bids: Lev-ent and Heintz, \$8341; H. Thorsen, \$8471; Lenz and Sons, \$8770; J. H. May, \$8731; Partrich and Minehan, \$8806; Howe and Gates, \$9706; A. J. Wilson, \$9781.

NAPA, Napa Co., Cal.—F. A. Younger Napa, at \$5677 awarded cont. by supervisors to const. 3-span, conc. bridge over Suisun creek. Other bids: H. Thorsen, \$5875; Howe and Gates, \$5800; J. H. May, \$6220; Lenz and Sons, \$6430; H. Leventon and Heintz, \$6521; Partrich & Minehan, \$6808; A. J. Wilson, \$6945; Jones and Henderson, \$7059.

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SANTA ROSA, Sonoma Co., Cal.—Until July 29, 12 M., bids will be rec. by W. W. Felt, Jr., county clerk, to reconstruct, rein. conc. bridge over Sonoma Creek, ½ mile south of Glen Ellen, 1st Supervisorial District, involv. 250 cu. yds. class A conc. 200 cu. yds. approach fill. Est. cost \$3250. Spec. on file in office of clerk, E. A. Peugh, county surveyor.

MARYSVILLE, Yuba Co., Cal.—Supervisors order plans prepared for bridge to span Yuba River at Simpson Lane.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO, Cal.—Until July 23, 1924, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Dept., Washington, D. C., for excavation, future, storehouse for Marine Corps Depot for Supplies at San Francisco under Spec. No. 4999. See notice to contractors under official proposals this issue.

DURHAM, Butte Co., Cal.—Until July 19, 2:30 p. m., bids will be rec. by Geo. W. Blount, secy. Durham Union High School District, to excavate drainage ditch, back fill old channel of existing ditch and grade approx. 12 acres. New drainage ditch is about 400 ft. north side; 200 ft. west side length, average depth 3½ ft. 12-ft. bottom and 2 to 1 side slopes; remove and reconstruct portion of fencing. Further information obtainable from secretary.

VENICE, Cal.—United Dredging Co., Central Bldg., Los Angeles, awarded cont. by city trustees at \$30,557 to const. earth, silt, and gravel fill in a strip of land known as Leona Ave. or Leona Blvd. bet. Washington Blvd. and 325 ft. south.

IRRIGATION PROJECTS

NEVADA & PLACER COS., Calif.—Joint application has been filed with the railroad comm. in San Francisco by the Nevada Irrigation Dist. and the Pacific Gas and Electric Co. for approval of an agreement which was recently entered into between applicants after more than a year and one-half of the railroad commission for the development of irrigation and hydro electric projects in Nevada and Placer counties, which will result in the development of a large area subject to irrigation through this project.

STOCKTON, San Joaquin Co., Cal.—Chas. S. Widdow, Stockton, has been named engineer for the Woodbridge Irrigation District, recently organized. Eng. Widdow will commence preparation of plans for contemplated improvements.

OROVILLE, Butte Co., Cal.—Until July 24, 10 a. m., bids will be rec. by W. J. Monro, secy. Oroville-Wyandotte Irrigation District, for concrete lining Tunnel and 30 ft. South Feather ft. of ditch, including approx. 460 lin. ft. of tunnel lining and 35 cu. yds. conc. wall. Work is located in vicinity of Lost Creek Dam, Butte County. Spec. obtainable from secretary.

TRACY, San Joaquin Co., Calif.—Banta-Carbena Irrigation District, at recent election voted bonds of \$705,000 to finance construction of irrigation works, including installation of pumping plants, constructing main canals and system of laterals. W. D. Harrington is chief engineer for district. Bids will be asked for construction when the bonds are disposed of.

LIGHTING SYSTEMS

LA HONDA, San Mateo Co., Cal.—The Pacific Gas and Electric Company is preparing to expend approximately \$36,810 for the extension of power lines into the La Honda territory, according to announcements by W. T. Kellogg, district manager of the company.

LOS ANGELES, Cal.—Ord. of Inten. No. 49,049 adopted by city council to construct ornamental lighting system complete in Sunset Blvd. to Hollywood Blvd. and Cista St., involving 342 pressed steel posts; 1911 act.

PASADENA, Cal.—City directors declare inten. to const. ornamental lighting system in Oakland Ave., bet. California St. and Allendale Rd. and portion of Glenarm St. Involve posts, wires, conduits and appliances; 1911 act. Bessie Chamberlain, city clerk.

LOS ANGELES, Cal.—H. H. Walker, 1800 W. 12th St., submitted low bid to Bd. Pub. Wks. at \$36,930 to const. ornamental lighting system in Washington St., bet. 8th Ave. and Rimpau Blvd. Other bids were: H. C. Reid & Co., \$37,648; Newberry Elec. Co., \$39,125; A. C. Rice, \$39,655; Elec. Lighting Supply Co., \$39,959; R. A. Wattson, \$41,122.

H. H. Walker, 1800 W. 12th St., low bidder at \$30,454 to construct ornamental lighting system complete in Washington St., bet. Vermont Ave. and 50 ft. west of Hobart Blvd. Other bids were: H. C. Reid & Co., \$30,750; R. A. Wattson, \$31,294; Newberry Elec. Corp., \$31,328; Electric Lighting Supply Co., \$31,432; A. C. Rice, \$32,664.

MACHINERY & EQUIPMENT

OAKLAND, Alameda Co., Cal.—Council will rec. bids until July 10, 1924, bet. 11 and 12 m. for furnishing one 1600-h.p. induction motor with control. Blank forms of proposals will be furnished by Eugene K. Sturgis, clerk.

BAKERSFIELD, Monterey Co., Cal.—City Council awarded contract to Stewart F. Smith Co. for furn. one Elgin street sweeper at \$7,400.

MARTINEZ, Contra Costa Co., Cal.—City Engineer Ben Greene was instructed by the board to negotiate purchase of a centrifugal pump for the water system.

LOS ANGELES, Cal.—Smith-Booth Usher Co., 228 Central Ave., submitted low bid to public service comm. at \$2644 for fur. lathe and motor under spec. 721-C.

WATTS, Cal.—Until 8 p. m., July 15, bids will be rec. by city clerk for purchase of 15-ton steam roller owned by the city and now standing on the city yard. Bids will be rec. at the same time for two Ford cars and one Ramble fire truck. Sarah A. Smith, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Garden City Implement Co., San Jose, at \$1810 each, awarded cont. by supervisors to fur. two trailers for use on county roads. Pichetti Bros., San Jose, at \$1850 ea. and \$1950 ea. only other bidders.

FORTUNA, Humboldt Co., Cal.—Until July 23, 1 p. m., bids will be rec. by F. J. Newell, clerk. Fortuna Union High School District, to fur. and del. two lathes, South Bend or equal, 13x5 standard change, motor driven, 220 volt 3-phase with remote control starter. Further information obtainable from clerk.

OAKLAND, Cal.—Until July 17, 11:30 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to dry dock, clean, paint and repair "City of Oakland" dredger, including anchorage barge, cable barge, pontoons and other auxiliary equipment. Spec. obtainable from clerk on deposit of \$15. Bond of 25% of contract price req. of successful bidder.

FRESNO, Fresno Co., Cal.—Until July 14, 8 p. m., bids will be rec. by R. J. Farris, clerk, Central Union High School District to fur. two 35-passenger wagons. Further information obtainable from clerk by addressing Route J. Box 419, Fresno.

SAN JOSE, Santa Clara Co., Cal.—J. M. Radin only bidder at \$4750 awarded contract by supervisors to fur. one 2nd hand Pierce Arrow truck and two 2nd hand trailers.

DURHAM, Butte Co., Cal.—Until July 22, 2:30 p. m., bids will be rec. by W. Blount, secy. Durham Union High School District, to fur. school bus with capacity of 25 passengers, maximum amount of bid not to exceed \$2600. Bids will be considered only on bus complete. Further information obtainable from secretary.

SAN JOSE, Santa Clara Co., Cal.—Until July 23, 8 p. m., bids will be rec. by Leo Vishoot, clerk, West Side Union High School District to fur. one K-41-C. G.M.C. truck with body according to spec. obtainable from clerk in high school, Fremont Ave. and Saratoga-Sunnyvale rd., San Jose.

RAILROADS

PHOENIX, Ariz.—Walter Douglas, pres. of the Phelps-Dodge Corp. and director of the El Paso & Southwestern Ry., states that the So. Pac. Ry. has filed an application with the Interstate Commerce Commission for const. of the Phoenix main line railroad.

LOS ANGELES, Cal.—Until 2:30 p. m. July 25, bids will be rec. by harbor comm. for tribly rails under spec. 631. Bids, same date, to fur. frogs and switches for 75 lb. A. S. C. E. rail under spec. 632, which may be obtained from harbor engr., Berth 90, San Pedro.

PHOENIX, Ariz.—The Arizona Eastern Ry. has asked interstate commerce commission for authority to construct an extension from Picocho to Chandler, Ariz., 50 mi., and from Hassayampa to Dome, Ariz., 115 mi. with a branch from Gila river to Florence, Ariz., 7 mi.

LOS ANGELES, Cal.—Until 2:30 p. m. July 18, bids will be rec. by harbor comm. for the plates and track spikes under spec. 630, which may be obtained from the harbor engr., Berth 90, San Pedro.

FIRE ALARM SYSTEMS

LODI, San Joaquin Co., Cal.—City trustees considering estimates of cost to install fire alarm system. A. F. Brown, representing manufacturing concern, submitted estimate of \$10,100 for 20-box system and \$15,335 for 40-box system. No action will be taken until Underwriter's approval is secured.

FIRE EQUIPMENT

OAKLAND, Alameda Co., Cal.—Council, Eugene K. Sturgis, clerk, will rec. bids until July 10, 1924, bet. 11 and 12 a. m., for furnishing two motor propelled triple combination 750-gallon pumping engines and one motor propelled city service truck for Fire Department. Specifications and form of proposal will be furnished by the city clerk.

OAKLAND, Cal.—Until July 10, 11:30 a. m., bids will be rec. by E. K. Sturgis, city clerk, to fur. two motor propelled triple combination, 750-gal. pumping engines and one motor propelled city service truck for Fire Dept. Spec. obtainable from clerk on request.

RESERVOIRS AND DAMS

LOS ANGELES, Cal.—Brandt-Postell Co., 659 Hollywood Blvd., submitted low bid to county supervisors July 1 (opening postponed from June 30) at \$16,850 for constructing a 500,000-gal. reservoir at Olive View Sanitarium nr. San Fernando.

PASADENA, L. A. Co., Cal.—The city of Pasadena has applied to the secy. of the interior for permit to construct a large dam and reservoir in the San Gabriel canyon at an est. cost of \$1,000,000. The city has also protested the L. A. County flood control dist.'s application for a railroad right-of-way in the canyon, which would traverse the city's proposed dam site. Pasadena is said to have prior water rights in the San Gabriel canyon.

ORLAND, Glenn Co., Cal.—Orland Water Users' Ass'n. plans immediate construction of a dam at Brownell Rocks. R. C. E. Weber is project manager.

SAN BERNARDINO, Cal.—Chamber of Commerce backs project to const. 10,000,000-gal. reservoir at the mouth of Waterman Canyon. The proposed reservoir would be financed by a \$100,000 bond issue.

PIPE LINES, WELLS, ETC.

HAWTHORNE, L. A. Co., Cal.—Until 8 p. m., July 14, bids will be rec. by the city clerk for riveted steel pipe as follows: 3200 ft. 3-in., 5100 ft. 6-in. and 27,000 ft. 4-in. pipe. Plans and spec. are on file at the office of the engrs., Olmsted & Gilchrist, 1112 Hollingsworth Bldg., Los Angeles, and may be obtained upon payment of \$1. Cert. check or bond 10% S. V. Fraser, clerk.

LOS ANGELES, Cal.—Commercial Engine Co. submitted low bid to public service comm. at \$2126.40 for well-drilling machinery under spec. 720-A. Mills Iron Works bid \$2854.50.

REDWOOD CITY, San Mateo Co., Cal.—City Clerk W. A. Price will ask bids at once to fur. and del. 2 carloads of pipe for water department.

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LOS ANGELES, Cal.—United States Steel Products Co. awarded cont. by public service comm. July 3 for Matheson steel pipe under spec. 719-C as follows: (1) 2800 ft. 8-in. pipe f. o. b. cars Hewitt St. \$1.11 per ft.; pipe to be of 15.62 lbs. per ft. and 1.85-in. thick; (2) 12,000 ft. 12-in. pipe f. o. b. cars Hewitt St. \$2.18 per ft.; 31.07 lbs. and .244-in. per ft.; (3) 11,000 ft. 16-in. pipe f. o. b. cars Hewitt St. \$3.55 per ft.; 46 lbs. and .270-in. per ft. shipment 8-in. and 12-in. in 2 wks.; 16-in. in 3 to 4 wks.; less 2% 10th prox.

United States Cast Iron Pipe & Fdy. Co. awarded cont. at \$55.87 per ton, for 375 lbs. 20-in. cast iron class B pipe under spec. 719-B, in 12-ft. lengths, f. o. b. cars Hewitt St., L. A., complete shipment from Birmingham district Aug. 15. This company submitted an alternative bid f. o. b. trench-side delivery of \$57.17 per ton, or \$5.02 per ft.

SEWAGE DISPOSAL PLANTS

REDONDO BEACH, Cal.—De Laval Steam Turbine Co., Los Angeles, awarded cont. by city trustees at \$1600 for fur. pumps and fittings for sewer outfall. Other bids were: Fairbanks, Morse & Co., \$831.45; Byron Jackson Pump Mfg. Co., \$900.

LAGUNA BEACH, Cal.—Black & Veatch, 300 Fay Bldg., Los Angeles, consulting sanitary engineers, associated with Special Sewer Engr. F. V. Steaton of Berkeley, has been engaged to design and const. complete sewer system and sewage disposal plant at Laguna Beach for the Laguna Sanitary District. Bonds in the sum of \$95,000 have been sold to the Laguna Bank. The work will require quantities of pipe in 6 to 12-in. sizes and a pumping plant.

MISCELLANEOUS CONSTRUCTION

SAN ANSELMO, Marin Co., Cal.—The Marin Golf and Country Club has secured an option on eighty acres of land adjoining its course and Willie Lock, golf club expert, has been commissioned to draw plans for a complete eighteen hole course, according to Leslie Davies, the club professional.

The improvements contemplated by the club will cost in excess of \$210,000. George U. Hind is president of the club, R. W. Palmer, chairman of the greens committee and Channing Cornell chairman of the finance committee.

WATER WORKS

MONROVIA, L. A. Co., Cal.—Until 7:30 p. m., July 14, bids will be rec. by the city trustees for the construction of a pump house at the San Gabriel pumping plant and for a pump house at the Lime A. S. reservoir. Plans and spec. are on file at the office of the city engr. Cert. check 10%. Lewis P. Black, city clerk.

HAWTHORNE, L. A. Co., Cal.—Until 8 p. m., July 14, bids will be rec. by the city trustees for all labor and material and erecting of a 150,000-gal. steel tank and tower. Spec. are on file at the office of the engr. Olmsted & Gillette, 1112 Hollingsworth Bldg., Los Angeles. Cert. check or bond 10%. S. V. Fraser, clerk.

VISALIA, Tulare Co., Cal.—Until July 25, bids will be rec. by county supervisors to const. water pipe supply line for Tulare-Kings Tubercular Hospital at Springville, Tulare County. Project involv. approx. 9,000 ft. 6-in. pipe. Spec. and further information obtainable from county clerk.

LOS ANGELES, Cal.—Jones-Thorne Co. submitted low bid to public service comm. at \$139 ea. for gate valves under spec. 721. Other bids were: Pac. Pipe & Supply Co., \$221.78; Wark, Cal. Co., \$221.78; N. O. Nelson Mfg. Co., \$221.78; Busch Pipe & Supply Co., \$221.30; Water Works Supply Co., \$258.

MARYSVILLE, Yuba Co., Cal.—City Council has taken bids under advertisement to fur. and install at Ellis Lake a 2-stage 14-in. deep well turbine centrifugal pump with 25-h.p. 3-phase 60-cycle 230-volt 1200-rev. vertical electric motor direct connected to del. 1900 gals. per min. against 60-ft. head. Following firms submitted bids: Byron Jackson Pump Co., Schmidt Pump House, Sterling Pump Co., and George W. Roberts.

OROVILLE, Butte Co., Cal.—Pacific Gas & Electric Co., will expend \$15,800 in replacing larger mains for water supply in industrial and residential districts.

LOS ANGELES, Cal.—Mueller Co., 2468 Hunter St., awarded cont. by public service comm. at \$1.92 ea. for 1/2-in. bronze corporation cocks under spec. 721. James Jones Co. was awarded cont. for 2-in. cocks under same spec. at \$3.10 ea.

LOS ANGELES, Cal.—Waterworks Supply Co., 705 Wright & Callender Bldg., awarded cont. by public service comm. at \$432 ea. to fur. five Rensselaer gate valves under spec. 719.

PEARL HARBOR, T. H.—Bids will be asked shortly by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 6000, for circulating water discharge loop at Naval Operating Base, Pearl Harbor. Work consists of 54-in. precast concrete pipe, extending from Point G on south side of Central power house a distance of approx. 630 ft. in addition to installation of manholes, etc. See notice under Official Proposal Section in this issue.

PLAYGROUNDS AND PARKS

GLENDALE, Cal.—Until 10 a. m. July 17 bids will be rec. by council to lay c. l. pipe, with connections, fire hydrants, service pipes, etc., in Adams St., Palmer Ave., Maple St., Lomita Ave., involv. 3170 ft. 12-in. and 695 ft. 8-in. class "B" pipe; 1915 bond imp. act. Ben F. Dupuy, city engr. A. J. Van Wie, city clk.

SAN LUIS OBISPO, Cal.—City Council contemplates extensive improvements to water system; estimates of cost are being prepared.

SEWERS & STREET WORK

SANTA CRUZ, Santa Cruz Co., Cal.—W. E. Miller, 81 Church St., Santa Cruz at \$22.01 awarded cont. by council to imp. portion of Pacheco Ave., involving grade and pave with 5-in. conc.; const. conc. curbs; corr. metal and rein. conc. culverts; 4-in. vit. sewer laterals.

HILLSBOROUGH, San Mateo Co., Cal.—Elsch Imp. Co., 46 Kearny St., San Francisco, at approx. \$234.50 awarded cont. by city trustees to imp. various streets, involv. 66,500 sq. ft. 5-in. cem. conc. pave. \$20; 44,500 sq. ft. 1 1/2-in. Topeka surface pavement; 4-in. macadam base, \$17; 20,600 sq. ft. 4-in. macadam pavement, \$11; 200 cu. yds. excavation \$40; 12 lin. ft. vit. pipe, \$10; 1 catchbasin \$40; removal of trees, \$20 each; other bids: E. O. Smith, \$30,500; Pacific States Const. Co., \$24,850; Fay Imp. Co., \$32,050.

MARTINEZ, Contra Costa Co., Cal.—M. F. Sullivan, 301 Perkins Ave., Oakland, at \$328.82 awarded cont. by supervisors to surface 1 1/4 ml. of Avon-Concord road with asphalt macadam. Other bids: R. J. Blanco, \$9085; E. E. O'Brien, \$10,358.

VENICE, Cal.—City trustees declare intent to imp. various streets in Silver Strand tract, involving 4-in. conc. pavement with 1 1/2-in. National wearing surface, reinf. conc. retaining walls, san. sewer system, involving vit. pipe sewers, and two centrifugal pumps, with 2 G. E. motors; constructing timber frame and stucco pump house; discharge pipes, etc. T. H. Hanna, city clk.

PHOENIX, Ariz.—W. M. Tannel Jr., Alpine and Jacob Hamblin, St. Johns, awarded cont. by U. S. bur. of pub. roads at \$90,728 to const. 17 mi. of Clifton-Springerville highway.

SAN ANSELMO, Marin Co., Cal.—Sanitary District No. 1, Marin County, declares intent to const. vit. pipe sanitary sewers in portions of the San Rafael and Olema road and other sts. 1911 Act. Protest July 23. W. A. Bliss, secretary of district.

PLACENTIA, Cal.—Coastland Constr. Co., 636 S. Spruce St., Los Angeles, submitted low bid to Sanitary Board of Placentia to const. new outfall sewer. This firm submitted a bid of \$20,452 on conc. pipe and \$21,504 for vit. pipe, under proposition 3, work complete. This work requires approx. 22,350 lin. ft. 12-in. sewer pipe.

FRESNO, Fresno Co., Cal.—Until July 17, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to imp. (Res of Inten. 17-d), Harrison and Stafford Sts., bet. Belmont and Thomas and Thomas and Belmont, Harrison and Palm Aves., involv. 112,694 sq. ft. grading, 14,765 sq. ft. conc. walks; 3608 lin. ft. conc. curb 1911 Act Cert. check 10% payable to city engr. Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded cont. by Bd. Pub. Wks. at \$21,106 to imp. 10th Ave. bet. Washington St. and 23rd St., involving grading at \$4000 (lump sum) \$4,088 sq. ft. asphalt paving 22c ft. 553 sq. ft. conc. paving at 52c ft. 332 sq. curb at 70c ft.; 8852 sq. ft. walk 21c ft.; 2972 sq. ft. gutter 25c ft.; san. sewer complete \$1000; 2049 sq. ft. bitum. base paving 10c ft.

L. A. Paving Co., 2900 Santa Fe Ave., awarded cont. at \$16,588 to imp. 8th St., bet. Santa Fe Ave. and the first alley west of Mateo St., involving grading at \$500 (lump sum); 39,980 sq. ft. Warrentite-bitul. paving 28c ft.; 1155 sq. curb 70c ft.; 5617 sq. ft. walk 21c ft.; 2193 sq. ft. gutter 32c ft.; 30 ft. hse sewers \$1.90 ft.

WATSONVILLE, Santa Clara Co., Cal.—Until July 15, 8 p. m., bids will be rec. by H. M. Swisher, city clerk, to imp. Walker St., bet. Wall and Kearney Sts. by remacadamizing and oiling with asphaltic oil. Cert. check 10% payable to Mayor rec. Plans obtainable from H. B. Kitchen, city eng.

MARTINEZ, Contra Costa Co., Cal.—Jas. T. Sayles of Martinez, has been awarded contract by owners of property to pave Howard street west of Ferry street.

BERKELEY, Alameda Co., Cal.—Until July 15, 1924, 3 P. M., bids will be rec. by City Clerk E. M. Hann, for scarifying, patching, surfacing with rock, asphalt and screenings streets.

MARTINEZ, Contra Costa Co., Cal.—Until July 14, 1924, 3 P. M., bids will be received by Raymond Johnson, Clerk of Town of Martinez, to const. out-fall sewer. Cert. check 10% rec. Plans and spec. obtainable from clerk.

MARTINEZ, Contra Costa Co., Cal.—The board also adopted plans and specifications and called for bids for extension of city's sewer system 800 feet over recently acquired right of ways to Carquinez Straits.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, awarded cont. by council at \$116,651 to imp. Mission Blvd. and portions of other streets providing a paved road through to Mission Beach; will be about 3 ml., of which 1.5 ml. is on Mission Blvd. of 5-in. cem. conc. pavement, laid on each side of the San Diego Electric Railway Co.'s double track line. The pavement will be 16 ft. wide on each side.

SAN DIEGO, Cal.—H. H. Peterson, Loma Portal, submitted low bid to council at \$23,025 to imp. Coast Blvd., South Coast Blvd. and Jenner St., involv. 105,728 sq. ft. paving with 5-in. conc. 22c ft.; 15 lin. ft. cem. curb 70c ft.; 68 sq. ft. cem. walk 20c ft.; one 4-in. conc. sewer lateral \$30; (e) miscellaneous, \$160.

Other bids were:
Finlayson Const. Co., \$22,367
West Coast Const. Co., 24,347
Church & Williams Const., 25,131
H. C. Venzano & Co., 30,215

EURBANK, L. A. Co., Cal.—City Eng. Arthur J. Rose has recommended that the contract for constructing the new sewer system and treatment plant be awarded to James Const. Co., \$214,451.65. Official totals for the bids as estimated by the city engr are: James Const. Co., \$214,451.65; Hickey & Harmon, \$216,745.89; A. Dalmatin, \$220,906.80; \$221.61; George W. Kemper, \$221,489.50; C. E. Thomas Hays, \$239,456.33; D. A. Foley & Co., \$269,965; Thos. Kelly & Sons \$280,544.30; Gibbons & Reed Co., \$309,764.81; E. P. Ferry & Co., \$364,633.58.

SANTA BARBARA, Cal.—Until 5 p. m. July 17, bids will be rec. by council to const. 6-in. vit. pipe main san. sewer in Pedregosa St. and San Pascual St. and 8-in. n.s. pipe in 1911 act.
6-in. vit. san. sewer in Edison Ave., bet. Gutierrez St. and 372 ft. s.e.; 1911 act.
6-in. vit. pipe main san. sewer in alley No. 1, in blk. 238, from manhole to be const. at Voluntario St. to manhole to be const. 405 ft. n.e. therefrom; 1911 act. Geo. D. Morrison, city engineer.

SAN DIEGO, San Diego Co., Cal.—A. Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, and 25 14th St., San Diego, submitted low bid to city council June 30 at \$153,432 for improving Normal St. Lincoln Ave. and other streets, involving 505,508.99 sq. ft. paving with 3-in. asphalt base and 1½-in. asphalt. conc. cem. conc. base and 1½-in. asphalt. conc. top; 6079.79 sq. ft. paving with 3-in. asphalt. conc.; 7808 lin. ft. 6-in. cem. conc. curb; 1659.18 sq. ft. 3-in. cem. conc. curb; 1879.58 sq. ft. cem. conc. sidewalk; 50 lin. ft. 15-in. 16 gauge corr. iron pipe drain; 52 lin. ft. 12-in. d. s. cem. conc. pipe culvert; 50 lin. ft. 15-in. d. s. cem. conc. pipe culvert; 20 lin. ft. 18-in. 16 gauge corr. iron pipe culvert; 5 4-in. cem. conc. sewer laterals; 2 6-in. cem. conc. sewer laterals.

SAN JOSE, Santa Clara Co., Cal.—City Council award contract to A. J. Raich, 76 W. San Antonio, San Jose, and 46 Kearny St., San Francisco, to imp. Clayton Ave. in vicinity of San Pedro St. and other streets awarded to San Jose Paving Co., Dupont, San Jose, to imp. State St., bet. Oak and Duane Street.

NEVADA AND PLACER COS., Cal.—Bids rec. as follows by C. H. Sweetser, Dist. Eng. U. S. Bur. Pub. Rds., 3 Main St., San Francisco, to const. Donner Pass National Forest Highway in Nevada and Placer Counties, Tahoe National Forest 3.7 mi. in length, involving 29 acres clearing; 70,000 cu. yds. unclassified excavation; 404 cu. yds. A class; 53 cu. yds. C conc.; 52,000 lbs. rein. steel; 1230 lin. ft. corr. metal pipe; Govt. has equipment for lease to contractors. Engineer's estimate \$215,932.

Isabel & Hudson, Auburn.... \$106,658
Sheets Const. Co., Fresno.... 122,438
De Waard & Sons, San Diego.... 123,376
Rocca & Caletti, San Rafael.... 134,437
P. L. Burr, San Francisco.... 151,191
A. J. & J. L. Fairbanks, S. F.... 174,500

SANTA ANA, Orange Co., Cal.—B. R. Ford, 407 W. 17th St., submitted low bid to city trustees June 30 for improving Roe Dr., bet. Main St. and west line of Tract No. 511, involving 104,751.46 sq. ft. 5-in. conc. paving at \$24c ft.; 260 ft. 6-in. main sewer at \$1 ft.; 180 ft. 4-in. hse. sewers at 75c ft.; one flush tank at \$125.

LOS ANGELES, Cal.—A petition is in circulation asking the county supervisors for an election to vote on a \$1,000,000 bond issue for the construction of Beverly Blvd. bet. Beverly Hills and the sea, about 1.5 miles, covering an assessment dist. of about 1,000 acres. The construction of the highway by the Pacific Palisades Assn., under the direction of Capt. Wilkie Woodard, engr., is under way. This work, which is being done privately, will be incorporated in the project after the bonds have been voted.

INGLEWOOD, L. A. Co., Cal.—Geo. R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, submitted low bid to city trustees and was awarded the contract at \$16,393.14 for improving Prairie Ave. at Chester Ave. and Gay St., involving 148,936 sq. ft. grading at 3c ft.; 5748 ft. curb at 60c ft.; 22,922 sq. ft. walk at 19c ft.; 1596 sq. ft. gutter at 27c ft.; 92,254 sq. ft. class A oiling at 4c ft.

HOLLISTER, San Benito Co., Cal.—Board of Supervisors will rec. bids until July 16, 1924, 2 p. m., for the improvement of portions of the following roads, to-wit:

Hollister and Tres Pinos Road in Supervisor Districts No. 3 and 4.
San Justo and Tres Pinos Road in Supervisor District No. 3.

Old San Juan and New India Road in Supervisor District No. 3.

Hollister and Cienega Road in Supervisor District No. 3.

Hollister and Gilroy Road in Supervisor District No. 1.

San Juan Canyon Road in Supervisor District No. 2.

Old Hollister and San Juan Road in Supervisor District No. 2.

Plans and spec. obtainable from Elmer Dowdy, clerk.

SAN BERNARDINO, San Bernardino Co., Cal.—Res. of Inten. adopted by county supervisors June 30 for improving Riverside Dr., bet. a point 10,689.5 ft. east of the north and south center line of Euclid Ave., involving grading, 6-in. macad.; 4-ft. earth embankments or shoulders, of gravel and oil wearing surface; concrete and corr. iron culvert; cem. conc. headwalls; conc. toe walls; in accordance with plans and spec. on file at the office of the county surveyor. The county will pay out of its special road fund, \$10,000 of the cost, the balance to be represented by bonds. R. D. I No. 27, James W. Cole has been appointed supt. of this work. Harry L. Allison, clerk of the board.

LOS ANGELES, Cal.—Bids rec. by county supervisors July 10 (opening postponed from June 30) for improving Ivy St. bet. Shorb Ave. and Ruoff St. City Boundary Imp. No. 13, involving (1) 1480 cu. yds. excav. (2) 3573 ft. curb; (3) 12,059 sq. ft. gutters; (4) 6261 sq. yds. conc. base; (5) 6261 sq. yds. Willite top, were:

Geo. R. Curtis Paving Co.—(1) \$1.25 (2) 70c; (3) 35c; (4) \$1.30; (5) \$1.20.
H. G. Ferand—(1) \$1.35; (2) 70c; (3) 30c; (4) \$1.25; (5) \$1.25.
Hall-Johnson Co.—(1) \$1.35; (2) 75c; (3) 35c; (4) \$1.40; (5) \$1.25.
Geo. H. Oswald—(1) \$1.35; (2) 87c; (3) 40c; (4) \$1.40; (5) \$1.30.

LOS ANGELES, Cal.—J. M. Derenia, 237 W. 83rd St., was awarded cont. July 1, at \$10,048 for constructing sewer in Silver Lake Blvd., bet. Sunset Blvd. and 1239 ft. n. of Reservoir St. Engr's est., \$18,354.61.

LOS ANGELES, Cal.—Until 2 p. m., July 14, bids will be rec. by county supervisors for improving Central Ave., bet. Manchester Ave. and n. city limits of Watts, 7947.42 lin. ft. or 1.51 mi., under County Imp. No. 36, involving 10,783 cu. yds. excav.; 26,491.4 cu. yds. pavement. Est. cont. price, \$88,100.60. Aver. haul 1 mi. from Watts.

SANTA ANA, Orange Co., Cal.—Steele Finley, Santa Ana, submitted only bid to city trustees June 30, for improving West 19th St., bet. Main St. and Broadway, involving 13,652 sq. ft. 5-in. asphalt. conc. pavement, incl. grading at 24c ft.; 51 ft. 4-in. hse. sewers at 60c ft.; 3 ft. curb at 60c ft. The bid was taken under advisement.

FULLERTON, Orange Co., Cal.—City trustees have adopted plans and spec. for the paving of all alleys in the business district.

SAN DIEGO, San Diego Co., Cal.—H. H. Peterson, Loma Portal, submitted low bid to city council June 30, at \$23,034 for paving Coast Blvd., involving 103,728.11 sq. ft. 5-in. cem. conc. paving.

EUREKA, Humboldt Co., Cal.—Bids will be rec. by Fred M. Kay, County Clerk, until July 21, 1924, for repairs to Ryan St., road, A. J. Logan is county surveyor.

OAKLAND, Alameda Co., Cal.—Street department budgets totaling nearly \$2,500,000 were submitted recently by Commissioner W. J. Bacus to W. J. Moorehead, commissioner of revenue and finance.

Main items in the public betterments budget are:
Seventh street main outlet sewer, \$115,000.

Fruitvale avenue sanitary outlet sewer, \$15,000.
East Fourteenth street paving, Fifteenth avenue to Durant avenue, \$100,000.

Fruitvale avenue storm sewer, \$70,000.

Tenth street extension, Fallon to Second avenue, \$55,000.

New corporation yard, land and buildings, \$70,000.

Elmhurst storm sewers, \$85,000.

Yerba Buena intercepting sewer, \$208,000.

Tunnel Road cutoff \$25,000; East Eighth street extension \$20,000; Twentieth street opening \$20,000; Fifteenth street pedestrian way, \$20,000; paving of East Eighth street from Eighth ave. to Fourteenth avenue, \$30,000, and construction of a wide curve at First ave. and East Twelfth street, \$20,000.

All of the above figures are for the city's portion of the improvements.

MERCED, Merced Co., Cal.—City Eng. Martin estimates cost of paving 20 ft. strip in J street from 16th St. to city limits at \$17,000. Bids for this work will be asked shortly.

SANTA BARBARA, Cal.—James T. Cornwall, 227 Equestrian Ave., Santa Barbara, awarded contract by council for imp. Anacapa St., bet. Solia and Pueblo Sts. 24.5c sq. ft. 1½-in. asphalt. conc. base; 24c sq. ft. gutter; 35c lin. ft. resetting stone curb; 135 6-in. vit. main sewer complete; \$35 ea. 4-in. vit. lateral hse. connection; \$400 for 2 culvert tops complete; \$60 for manhole complete.

OLYMPIA, Wash.—Bids will be rec. until July 22, 1924, 10 A. M. by State Highway Department for surfacing with crushed rock of 4.5 miles of state road No. 3 between India and Pomona in Kittitas and Yakima counties.

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SALINAS, Monterey Co., Cal.—Bids will be asked by supervisors about August 4 to const. 200 ft. radius curve at Moss Landing to eliminate "death curve." Howard Cozens, county surveyor.

EUREKA, Humboldt Co., Cal.—Until July 21, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to pave with Warrenite-Bit 18-in. wide, 1500 ft. of old county road beg. near Hubbard's store and running east on Eureka-Arcata rd., towards Ryans School Hill in Rd. Dist. 4. Cert. check 5% req. with bid. Plans on file in office of clerk. A. J. Logan, county surveyor.

DURHAM, Butte Co., Cal.—Until July 19, 2:30 p. m., bids will be rec. by Geo. W. Blount, secy. Durham Union High School District, to excavate drainage ditch, back fill old channel of existing ditch and grade approx. 32 acres. Drainage ditch about 400 ft. north side; 200 ft. west side length, average depth 3 1/2 ft. 12-ft. bottom and 2 to 1 side slopes; remove and reconstruct portion of fencing. Further information obtainable from secretary.

REDWOOD CITY, San Mateo Co., Cal.—Until July 21, bids will be rec. by Mrs. Elizabeth Kneese, county clerk, to const. Black Mountain lateral to connect San Mateo, Hillsborough and Burlingame with Skyline Blvd.; will be approx. 3,000 ft. in length from east boundary of block of Black Mountain Water Co. to the Blvd. with 80 ft. right-of-way; to be graded 30 ft. wide, conc. culverts, etc. Spec. on file in office of clerk. Geo. A. Kneese, county surveyor.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, awarded cont. by council at \$115,650 to imp. Mission Blvd., etc., providing a paved road through to Mission Beach, about 3 mi., of which 2.75 mi. is on Mission Blvd., of 5-in. cem. conc. pavement, laid on each side of the San Diego Electric Railway Co.'s double track line.

SALINAS, Monterey Co., Cal.—City Eng. Howard F. Cozens instructed to prepare spec. for sewer extension to Pajaro and Oak Sts., est. cost, \$600, also for storm water system extension in Central Ave., est. cost, \$7000.

LOS GATOS, Santa Clara Co., Cal.—W. A. Dontanville, Salinas, at \$8654 submits low bid to town trustees to imp. portion of Broadway St., involv. 35,731 sq. ft. 5-in. conc. pavement, including grading; 1554 ft. curb and gutter and const. driveways. Other bids taken under advisement, were: San Jose Paving Corp., \$9133; J. Vidora, \$9359.

OAKLAND, Cal.—City Eng. W. W. Harmon completes spec. to imp. 2nd St. bet. Alice and Oak Sts., involv. 40,050 sq. ft. grading; 1720 lin. ft. conc. curb; 1800 sq. ft. conc. gutter; 38,250 sq. ft. 6-in. Port. cem. conc. base with 2-in. Warrenite-bit. wearing surface, 1911 Act. Protests July 17. E. K. Sturgis, city eng.

SAN LEANDRO, Alameda Co., Cal.—J. A. Costello 564 Market St., San Francisco, awarded cont. for one year by city trustees to fur. rock and screenings for street improvements, \$2.35 cu. yd. for choice, \$1.60 for red rock and \$1.40 for run of rock from screens. Bids for oil and distributing same taken under advisement.

MARYSVILLE, Yuba Co., Cal.—Supervisors order plans prepared for proposed Arboga Blvd., 12 mi. in length to connect with proposed Rio Oso bridge when built.

SAN MATEO, San Mateo Co., Cal.—Until July 21, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to imp. (Res. of Inter. 24-4) Crystal Springs Rd., bet. El Camino Real and west city limits and El Camino Real and Baywood Ave., involv. paving with 7-in. to 8-in. thick hy. cem. conc. vit. pipe lateral sewers; catchbasins; 12-in. vit. pipe storm drain; hy. cem. conc. curb, walks and driveway approaches. 1911 Act and Bond Act 1915. Cert. check 5% req. with bid. Spec. on file in office of clerk.

NEVADA STATE—Tieslau Bros. 2319 Grove St., Berkeley, at \$90,015.36 awarded cont. by State Highway Commission, to grade, conc. culverts and gravel surface, 12.64-mi. in Elko county, bet. Moor and Pequoop Summit, involv. 62,100 cu. yds. excavation unclassified; 2223 yd. sta. overhaul; 8.52 mi. prepare subgrade and shoulders; 9210 cu. yds. load and screen gravel; 21,000 yd. m. haul gravel; 9210 cu. yds. spread gravel; 35 cu. yds. class A conc. 536 lin. ft. 15-in., 346 lin. ft. 18-in., 358 lin. ft. 24-in., 114 lin. ft. 30-in. and 92 lin. ft. 36-in. corr. metal pipe; 185 cu. yd. dry rubble masonry; 3288 lin. ft. wood guard rail; 112 monuments; 7 sign posts. Other bids were: Wm. Hoopes, Hollister, Idaho, \$99,735.56; Summers & Clyde, Springville, Utah, \$109,823.35; Morrison-Knudsen Co., Boise, Idaho, \$116,892.46.

GLENDALE, Cal.—Until 10 a. m. July 17 bids will be rec. by the council to improve streets: Sierra Ave., Glenoaks Blvd., Hill Dr., Merrill Ave. and Sycamore Canyon Rd., involv. 237,000 sq. ft. grading; 132,300 sq. ft. 5-in. oil macad.; 81,500 sq. ft. 6-in. oil macad.; 1710 sq. ft. class "A" curb; 3745 ft. class "B" curb; 178 ft. 6-in. class "B" water pipe.

Tyler St., Green St., Palmer Ave. and Park Ave., Sycamore Canyon Rd. and Max St., involv. 55,000 sq. ft. grading; 42,200 sq. ft. 5-in. oil macad. paving; 6300 sq. ft. walk; 1915 ft. curb 1090 ft. 6-in. water pipe; 65 ft. 4-in. water pipe.

Central Ave., San Fernando Rd., Eulalia St., Laurel St., Los Feliz Rd., Cypress St. and portions of 18 other sts., involv. 537,200 sq. ft. grading; 529,025 sq. ft. 5-in. conc. base with 1 1/2-in. Warrenite-bit. wearing surface; 13,320 cu. curb; 8175 sq. ft. walk; 4 culverts complete; 7073 ft. 10-in. sewer pipe; 243 hse connections; 16 junction chambers; flush tank; elec. work, involv. 2 transformers, one vault, 132 orn. lighting posts; water pipe as follows: 200 ft. 2-in., 165 ft. 4-in., 553 ft. 6-in., 2537 ft. 8-in., 3343 ft. 12-in., 1617 ft. 16-in.

1915 Bond Imp. Act. Ben F. Dupuy, city engr. A. J. Van Wie, city clerk.

SAN RAFAEL, Marin Co., Cal.—F. H. Ritchie, San Jose, at \$272 sq. ft. awarded cont. by council to imp. Irwin St., involv. 22,700 sq. ft. 6-in. conc. pavement. Other bids: A. G. Rancie, San Francisco, \$289; F. McIntyre, Mill Valley, \$273; P. Bottini, San Rafael, \$28; J. Ghilotti, \$273.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked at once by A. L. Banks, City Clerk, to pave North El Dorado St., from Castle to midway bet. Arcade and Montgomery Sts., also for storm water sewers and main trunk sewers to Pacific Manor and the College of the Pacific. W. B. Hogan, city Engineer.

LOS ANGELES, Cal.—West & O'Keefe, 96 S. Euclid Ave., Pasadena, submitted low bid supervisors at \$14,935 to imp. Chevy Chase Dr., bet. city limits of Glendale and the boundary line of Simomoro Canyon tract, 2571 lin. ft., involv. 2771 cu. yds. excav.; 5663 sq. yds. shaping; 5663 sq. yds. cem. conc. pavement; 18-in. cem. conc. pipe at s. 13 plus 00, complete with headwalks; 2551 lin. ft. shaping shoulders. R. D. I. No. 270.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by Fred M. Kay, County Clerk, to surface with crushed rock 3 mi. of Butler Valley road on Kneeland Prairie bet. Rd. Dists 3 and 4, involv. approx. 1,500 cu. yds. rock. A. J. Logan, county surveyor.

SUNNYVALE, Santa Clara Co., Cal.—Chamber of Commerce backs movement to resurface Murphy Ave. bet. city limits district with asph. conc. or other material. Estimates of cost are being made.

SANTA CRUZ, Santa Cruz Co., Cal.—Blumenkranz and Vernon, Farmers and Merchants Bldg., Stockton, at approx. \$29,000 awarded cont. by supervisors to grade and pave portions of Col. Peck road. Granite Construction Co. only other bidder at approx. \$35,000.

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. Macbeth St., bet. lot 7, blk. 5, Golden West Hts. and Sutherland St., involv. 8956 sq. ft. oiling and rolling; 807 ft. curb; 335 sq. ft. walk; 1507 sq. ft. gutter, were: M. S. Cummings — \$1725 grading (lump sum); 7c oiling; 75c curb; 24c walk; 33c gutter.

E. F. Perry & Co. — \$1490 grading; 8c oiling; 75c curb; 23c walk; 33c gutter.

P. F. Marter — \$1050 grading; 7c oiling; 70c curb; 22c walk; 33c gutter.

G. T. McLain — \$1000 grading; 7.5c oiling; 75c curb; 21c walk; 32c gutter.

Daniel J. Sphar — \$1149 grading; 8c oiling; 70c curb; 22c walk; 33c gutter.

Bid of Mandic & Cristich not declared, not accompanied by proper bond.

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. Second St., bet. Church St. and Colgate Ave., 3541 lin. ft., under County Imp. No. 70, involving (1) 4730 cu. yds. excav.; (2) 5976 ft. curb; 13,004 sq. ft. gutter; (4) 34,730 sq. ft. walk; (5) 13,581 sq. yds. conc. pavement.

Hansen Bros., Box 64, Downey — (1) 80c; (2) 55c; (3) 25c; (4) 20.5c; (5) \$2.10.

Griffith Co. — (1) 80c; (2) 55c; (3) 25c; (4) 20.5c; (5) \$2.

Mandic & Cristich — (1) 70c; (2) 55c; (3) 24c; (4) 19c; (5) \$2.07.

Geo. R. Curtis — (1) \$1; (2) 70c; (3) 30c; (4) 22c; (5) \$2.20.

A. R. Griffith, 318 S. Central, Glendale — (1) 80c; (2) 55c; (3) 23c; (4) 20c; (5) \$2.10.

T. B. Stewart Constr. Co. — (1) \$1.525c; (2) 60c; (3) 30c; (4) 20.5c; (5) \$2.19.

Fleming Constr. Co. — (1) 75c; (2) 60c (3) 28c; (4) 22c; (5) \$2.13.

Ed. Johnson & Sons — (1) 80c; (2) 60c; (3) 30c; (4) \$2.26; (5) —.

OAKLAND, Cal.—City Eng. W. W. Harmon completes spec. to imp. following streets:

Fresno St., bet. Church and 73rd Aves., involv. 2460 cu. yds. excavation; 2053 lin. ft. conc. curb; 4105 sq. ft. conc. gutter; 28,567 sq. ft. oil macadam pavement; 12,316 sq. ft. cem. walks. E-13-in. curb, bet. 6th and 7th Aves., involv. 30 lin. ft. 10-in. and 25 lin. ft. 8-in. pipe sewer; 1 manhole; 1 lamp-hole; 10 wye branches.

Portions of 69th Avenue Place, bet. 69th Ave. and Weld St., and portions of 69th Avenue Place and Weld St., adjacent to 69th Avenue Place, involv. 58,368 sq. ft. grading; 2623 lin. ft. conc. curb; 5264 sq. ft. conc. gutter; 28007 sq. ft. oil macadam pavement; 13,005 sq. ft. cem. walks; 26 lin. ft. 6x20-in. wood culvert; 52 lin. ft. 8x24-in. corr. iron and conc. culvert.

Baxter St., from Galindo St. n. e. involv. 961 cu. yds. excavation; 507 lin. ft. conc. curb; 1014 sq. ft. conc. gutter; 6556 sq. ft. oil macadam pavement; 2534 sq. ft. cem. walks.

OROVILLE, Butte Co., Cal.—Until July 21, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, for performance of annual maintenance of all class A and B county roads. Spec. on file in office of clerk. Harry H. Hume, county engineer.

SAN CARLOS, San Mateo Co., Cal.—Until July 28, 8 p. m., bids will be rec. by San Carlos Sanitary District to const. 6-in. v. sewers in portions of Glenwood, Prospect Aves., etc., est. cost \$10,000. Geo. A. Kneese, courthouse, Redwood City, is eng. for dist.

EUREKA, Humboldt Co., Cal.—Until July 21, 2:30 p. m., bids will be rec. by Fred M. Kay, county clerk, to fur. and distribute 1,500 or more cu. yds. of crushed rock on Kneeland Prairie Rd., commencing at boundary line bet. Rd. Dists. 3 and 4 and extending for distance of 8-mi. to forks of road in Rd. Dist. 3 or Butler Valley Rd. Cert. check 5% req. with bid. Spec. on file in office of Clerk. A. J. Logan, county surveyor.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., awarded cont. by council at \$153,445 to imp. Normandy and other sts. H. H. Harmon, Loma Portal, was awarded cont. at \$23,035 to imp. Coast Blvd. and portions of other streets.

ALAMEDA, Alameda Co., Cal.—Until July 15, 8 p. m., bids will be rec. by W. E. Varcoe, city clerk, to imp. portions of Fillmore St., involv. 17,700 sq. ft. grading; 55 lin. ft. conc. curb; 10 ft. sq. ft. conc. gutter; 120 lin. ft. 7x24-in. and 24 lin. ft. 6x18-in. corr. culvert; 200 sq. ft. conc. gutter.

Separate bids, same date, to imp. portions of Washington St., involv. 64,200 sq. ft. grading (fill and light cut); 1020 lin. ft. conc. curb; 17,510 sq. ft. oil macadam pavement; 2350 sq. ft. conc. gutter; 130 lin. ft. 7x24-in. and 48 lin. ft. 6x18-in. corr. culvert; 200 sq. ft. conc. gutter.

Cert. check 10% payable to city reg. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—Until July 21, 3 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Jackson St., bet. First and 11th Sts., involv. grade and pave with 1½-in. Warrenite-Bit surface on 3 in. conc. walks, inous conc. base; 15 in. cem. conc. walks, 3-in. vit. pipe drains, 10 br. catch-basins, 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Wm. Popp, city eng.

SONORA, Tuolumne Co., Cal.—Until July 14, 2 P. M., bids will be rec. by supervisors to imp. highway entrances into Sonora, involv. 18,500 lin. ft. pre-pare sub-grade; 5,219 tons asph. conc. 3-in. average thickness or 252,273 sq. ft. oil macadam pavement. Bids are being received on (a) Willite; (b) Warrenite; (c) asph. conc. or (d) oil macadam pavement. Robt. Thom. county surveyor.

LARKSPUR, Marin Co., Cal.—Town trustees, Belle C. Brown, clerk, declare inten. (No. 153) to imp. William Ave., bet. Magnolia and Monte Vista Aves., involv. grade; const. conc. curbs and gutters; surface with macadam pavement; 12-in. corr. iron pipe culvert. 1911 Act. Protests July 16.

LARKSPUR, Marin Co., Cal.—Town trustees, Belle C. Brown, clerk, declare inten. (No. 156) to imp. portions of Madrona Ave., involv. grade and pave with 5-in. hyd. conc.; 8-in. and 18-in. corr. iron pipe culverts and 18-in. ironstone pipe culvert and portion of Railroad Ave., involv. grading and paving with 5-in. hyd. conc. 8-in. and 15-in. corr. iron pipe culvert; rein. conc. wall; Oak Road involv. grading and pave with 5-in. hyd. conc. with integral curb. 1911 Act. Protests July 16.

FRESNO, Fresno Co., Cal.—Until July 17, 10:30 a. m., bids will be rec. by H. S. Foster, City Clerk, to imp. portions of Harrison, Belmont, Safford streets, etc., involv. 112,694 sq. ft. grading; 14,765 sq. ft. cem. walks; 3609 lin. ft. conc. curb. 1911 Act. Wm. Stranahan, City Eng.

OAKLAND, Cal.—Until July 24, 11 A. M., bids will be rec. by E. K. Sturges, city clerk, to imp. portions of 17th St., bet. 70th and 73rd Aves., involv. 10,050 sq. ft. grading; 402 lin. ft. conc. curb; 804 sq. ft. conc. gutter; 5,201 sq. ft. bituminous conc. pavement; 1911 Act. Cert. check 10% payable to city reg. W. W. Harmon, City Eng.

OAKLAND, Cal.—Until July 24, 11 A. M., bids will be rec. by E. K. Sturges, city clerk, to imp. portions of Orall St., bet. 70th and 73rd Aves., involv. 10,050 sq. ft. grading; 402 lin. ft. conc. curb; 804 sq. ft. conc. gutter; 5,201 sq. ft. bituminous conc. pavement; 1911 Act. Cert. check 10% payable to city reg. W. W. Harmon, City Eng.

MARTINEZ, Contra Costa Co., Cal.—Supervisors select bids to pave with asph. conc. approx. 4½ mi. of Giant to San Pablo Tank Farm road, in Division No. 37. Bids were: J. T. Sayles, \$30,882; Calif. Constr. Co., \$31,765; Pacific States Const. Co., \$34,352. R. Arnold, county surveyor, estimated the work at \$22,762.

BAKERSFIELD, Kern Co., Cal.—City Council will call for bids shortly to pave with concrete east extension of Nile street and grading and paving with concrete Monterey street.

NAPA, Napa Co., Cal.—D. McDonald, Sacramento, at \$15,160 awarded contract by supervisors to grade 1.81-mi. of highway bet. Calistoga and Murray Hill. Other bids: Kaiser Paving Co., \$17,474; H. Smith, \$19,366; Rocca and Caletti, \$20,594; L. Theoharis, \$21,505; Heintz and Leventon, \$21,373.

NAPA, Napa Co., Cal.—Mrs. E. E. O'Brien, Martinez, at \$3043 awarded contract by supervisors to grade .97-mi. of highway bet. Rutherford Cross road and Denning Bridge. Other bids: R. Blanco, \$3078; F. E. Cunningham \$3815; Harold Smith, \$3822.

SOUTHGATE, Cal.—Until 8 p. m. July 15 bids will be rec. by the city clerk, to imp. Jackson Ave. St., involv. 100 tees to imp. curb; 166,965 sq. ft. grading; 110 lin. ft. curb; 10,757 sq. ft. 5-in. conc. gutter; 1695 sq. ft. 8-in. conc. gutter; 166,965 sq. ft. paving; 3½-in. bit. base and 1½-in. Willite surface. Also Santa Ana St., bet. Elizabeth and San Gabriel Aves., involv. 100 sq. ft. walk; 168,455 sq. ft. grading; 12,691 sq. ft. 5-in. conc. gutter; 1312 sq. ft. 3-in. gutter; 116,615 sq. ft. 3½-in. bit. base and 1½-in. Willite surface; 51,840 sq. ft. paving with 2½-in. bit. base and 1½-in. Willite surface; 25 lin. ft. curb; 1911 imp. act and 1915 bond act. Cert. check or bond for 10%. E. M. Lynch, engr., Central Bldg., Los Angeles.

NEVADA STATE—J. N. Tedford, Fallon, Nevada, at \$69,908.70 awarded contract by State Highway Commission to grade, const. culverts and gravel surface, 13.69 mi. in Pershing county bet. Mill City and North County line. Project involv. 49,600 cu. yds. excavation; unclassified; 1710 yd. sta. overhaul; 13.69 mi. prepare subgrade and shoulders; 14,900 cu. yds. load and screen gravel; 33,000 yd. ml. haul gravel; 14,900 cu. yds. spread gravel; 85 cu. yds. class A and 125 cu. yds. class B conc.; 373 lin. ft. 15-in., 380 lin. ft. 18-in., 236 lin. ft. 24-in., 94 lin. ft. 30-in. and 40 lin. ft. 36-in. corr. metal pipe; 28 monuments; 3 sign posts. Other bids were: John Ross, Yerington, Nevada, \$71,277.35; Bishop & Brooks, Sacramento, Cal., \$76,258.20; Morrison-Knudsen Co., Boise, Idaho, \$83,010; Strange & Vallandigham, Elko, Nevada, \$89,066.85.

ARCADIA, Cal.—Election will be held about Sept. 1 to vote on a \$230,000 bond issue for the paving of city streets.

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. Centre St., Somerset Ave. and Artesia Ave., 4.1 mi. (cash contract No. 220), involv. (1) 3229 cu. yds. earth excav.; (2) 7281 cu. yds. remove old macad.; (3) 50,610 sq. yds. placing old macad. and d. g. sub-base; (4) 21,445 ft. shaping shoulders; (5) 48,179 sq. yds. cem. conc. pavement; (6) reinf. conc. pipe and headwalls, were:

Chalmers & Ford—(1) 70c; (2) 60c; (3) 34.5c; (4) 5c; (5) 90.75c; (6) \$230.-96.

Frq. Bros. Contracting Co.—(1) 80c; (2) 80c; (3) 33c; (4) 5c; (5) \$1.02; (6) \$800.

Basich Bros. Co.—(1) 85c; (2) 70c; (3) 3c; (4) 4c; (5) \$1.02; (6) \$400.

J. F. Murphy—(1) 40c; (2) 55c; (3) 25c; (4) 6c; (5) 83c; (6) \$275.

Wells & Bressler—(1) 60c; (2) 75c; (3) 25c; (4) 10c; (5) 97c; (6) \$359.

T. W. Oglesby—(1) 56c; (2) 75c; (3) 33c; (4) 11c; (5) 95c; (6) \$200.

Kuhn Bros.—(1) \$1.50; (2) \$1.50; (3) 22c; (4) 7c; (5) 73.95c; (6) \$450.

Griffith Bros.—(1) 45c; (2) 45c; (3) 25c; (4) 4c; (5) 87c; (6) \$250.

Pioneer Transfer Co.—(1) 60c; (2) 60c; (3) 25c; (4) 5c; (5) 95c; (6) \$300.

Ed Johnson & Sons—(1) 35; (2) 70c; (3) 25c; (4) 5c; (5) \$1.05; (6) \$400.

Mandic & Cristich—(1) 75c; (2) 75c; (3) 26c; (4) 5c; (5) \$1.04; (6) \$250.

Geo. R. Curtis—(1) \$1; (2) 50c; (3) 30c; (4) 5c; (5) 96c; (6) \$300.

E. D. Baucus—(1) 60c; (2) 65c; (3) 26c; (4) 5c; (5) \$1.20; (6) \$400.

LOS ANGELES, Cal.—A Griffith Co., 502 L. A. Ry. Bldg., submitted only bid to supervisors to imp. Beacon St., bet. 14th St. and 16th St., involv. grading at \$4000 (lump sum); 68,655 sq. ft. asph. paving 24c ft.; 103 sq. ft. conc. paving 25c ft.; 1623 ft. curb 65c ft.; 6888 sq. ft. walk 21c ft.; 2465 sq. ft. gutter 24c ft.; san. sewer manhole, \$100; 180 ft. hse. sewers \$1.50 ft.; wooden guard rail complete, \$400.

STOCKTON, San Joaquin Co., Cal.—County Surveyor F. E. Quail estimates cost of highway across Bouldin Island to connect Terminous more directly with Lodi and Stockton at \$16,250, including cost of ferry to run between Bouldin and Andrus Islands.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

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San Francisco

MILL VALLEY. Marin Co., Cal.—Until July 21, 8 P. M. bids will be rec. by Will Badley, town clerk, to imp. portions of Miller Ave., Bithedale Ave., etc., involv. removal of broken stone pavement and const. 6-in. hyd. conc. base with a spray asphaltic wearing surface. Plans on file in office of city clerk.

PETALUMA. Sonoma Co., Cal.—City Council, G. V. Roberts, clerk, declares inten. (No. 2359) to imp. Edith St., bet. Madison and Washington Sts., involv. grading and oil macadamizing; curbs, gutters. 1911 Act. Protests July 21.

SAN LUIS OBISPO. Cal.—City council adopts res. ordering paving of Marsh St. and portions of Nipomo, Toro, Morro, Higueria and Ida Sts. with 6-in. cem. conc., const. curbs and walks.

FRESNO. Fresno Co., Cal.—County Supervisors declare inten. to imp. Van Ness Blvd., bet. Harvard and Shields Aves. and portions of other streets, under R. D. I. No. 6, involving 1½-in. Warrenite pavement on 2½-in. asph. conc. base, curbs, walks, gutters and drainage curverts. D. M. Barnwell, clk. of the board.

SAN DIEGO. Cal.—Council declares inten. to pave 6th and Date Sts., involv. 233,764 sq. ft. paving with 2-in. asph. conc. on 3-in. bitum. base; 178.5 cu. yds. earth excav.; 914.59 lin. ft. cem. conc. curb; 2640.88 sq. ft. cem. conc. sidewalk. Hearing set for July 28. F. A. Rhodes, city engineer.

FORT BRAGG. Mendocino Co., Cal.—C. C. Kennedy, consulting engineer, Call Bldg., San Francisco, has completed spec. for approx. 225,000 sq. ft. asph. conc. pavement; curbs and gutters in various streets. It is expected that city trustees will ask bids about July 19.

SAN JOSE. Santa Clara Co., Cal.—Until Aug. 4, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. Martin and Mariposa Aves., in Supervisor District No. 4 and Watsonville road in Supervisor Dist. No. 1. Plans on file in office of clerk. Robt. Chandler, county surveyor.

SAN JOSE. Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. for San Tomas Aquina road, in Supervisor District No. 4.

NAPA. Napa Co., Cal.—City council, H. H. Thompson, clerk, declares inten. (No. 515) to imp. Elm St., bet. Coombs and Jefferson Sts., involv. grade and pave with 2-course asph. macadam, 39 ft. wide; 8-in. vit. ls. sewer with 12 wye branches; 1 flushing hole; br man-hole; 12 side sewers; conc. catchbasin; 4-in. c.l. water pipe. 1911 Act. Protests July 21. H. A. Harrold, city eng.

OAKLAND. Cal.—Oakland Paving Co., 5000 Broadway, Oakland, awarded const. by council to imp. north half of 3rd St., bet. Oak and Harrison Sts., involv. 35,575 sq. ft. grading, \$.065; 861 sq. ft. conc. curb, \$.85; 846 ft. conc. gutter, \$.30; 24,728 8-in. Warrenite-bit. surface on 6-in. Port. cem. conc. base pavement, \$.305; 123 ft. 8-in. sewer, \$.2; 52 ft. 10-in. sewer, \$.230; 2 c.l. road gratings, \$.90; 2 c.l. side inlets, \$.90; 3 manholes, \$.90; 4 wye branches, \$.2.

SAN DIEGO. Cal.—Griffith Co., 502 L. A. Rd. Bldg., Los Angeles, submitted low bid to council at \$153,433 to imp. Normal, Lincoln, and other streets involving 505,508 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base paving 15.5c ft.; 340,374 sq. ft. 1½-in. asph. paving on 4-in. conc. base 19.5c ft.; 6079 sq. ft. 3-in. asph. conc. paving 11c ft.; 7808 ft. curb at 65c ft.; 1680 ft. 8-in. curb 65c ft.; 1787 sq. ft. walk 23c ft.; 5 4-in. cem. sewer laterals \$33 ea.; two 6-in. cem. sewer laterals \$38 ea.; miscellaneous \$1135. Other bids were: California Constr. Co., Union Bldg., \$155,805.87; Isbell Constr. Co., \$198,200.52.

SAN JOSE. Santa Clara Co., Cal.—Granite Construction Co., Watsonville, at \$13,886.73 awarded const. by supervisors to imp. Monterey St., in town of Morgan Hill. Surveyor's estimate \$13,800.

SAN JOSE. Santa Clara Co., Cal.—A. J. Raish, 46 Kearny St., San Francisco, (Builders Exchange, San Jose), awarded const. by council to imp. Clifton Ave., bet. San Pedro and pt. 796.03 ft. north, involving grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters, inlets; 8-in. vit. pipe drains.

SAN JOSE. Santa Clara Co., Cal.—Until July 21, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Vine St., bet. Park Ave. and San Carlos St., involv. grade and pave with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters. 1911 Act & Bond Act 1915. Cert. check 10% payable to city rec. Wm. Popp, city engineer.

SAN JOSE. Santa Clara Co., Cal.—Until July 21, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. St. James St., bet. 11th and 17th Sts., except intersections of 12, 13, 14, 15, 16th Sts. involving grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curb and gutter. 1911 Act & Bond Act 1915. Cert. check 10% payable to city rec. Wm. Popp, city engineer.

OAKLAND. Cal.—Until July 24, 11 a. m., bids will be rec. by E. K. Sturges city clerk, to imp. portions of High St., bet. Hopkins and Tompkins Sts., and portions of Tompkins St. adjacent to High St., involv. 114,545 sq. ft. grading; 2446 lin. ft. conc. curb; 5189 lin. ft. conc. gutter; 60,322 sq. yd. cem. macadam pavement; 14,182 sq. ft. cem. walks; 77 lin. ft. wooden culvert; 18 lin. ft. rein. conc. box culvert; 2 manholes; 2 conc. inlets; 10 lin. ft. pipe conduit with conc. covering; 147 lin. ft. 10-in. pipe conduit without covering; 12 lin. ft. 14-in. pipe conduit; 3 storm water inlets; 37 cu. ft. conc. endwall. 1911 Act. Cert. check 10% payable to city rec. W. W. Harmon, city eng.

MAYFIELD. Santa Clara Co., Cal.—City trustees will ask bids about July 20 to imp. portions of Third, Sherman, Grant and Washington Sts., Palo Alto Ave., etc., involv. 400,000 sq. ft. 5-in. conc. pavement; 6000 lin. ft. conc. curb; 100 ¾-in. water sewers, average length 18-ft.; 100 4-in. sewer services, average length 20 ft.; C. Moser, engineer, 651 Home Ave., Palo Alto.

SAN MATEO Co., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, July 28, 2 p. m., to grade 5.2-mi. in San Mateo County, bet. South San Francisco and Broadway Station. Project involves:

Item 1. 162,000 cu. yds. excavation without classification (canals).
Item 2. 10 cu. yds. Class "A" Port. cem. conc. (miscellaneous structures).

Item 3. 23M ft. bd. meas. Or. p. lumber (miscellaneous structures).

Item 4. 41M ft. bd. meas. rwd. lumber (miscellaneous structures).

Item 5. 3 cwt. bar rein. steel (miscellaneous structures).

Alternative "A"
Item 6. 175,000 cu. yds. excavation without classification (borrow for dykes).

Item 7. 1,300,000 cu. yds. excavation without classification (suction dredger).

Alternative "B"
Item 8. 982,000 cubic yards excavation without classification (side borrow).

Alternative "C"
Item 9. 900,000 cu. yds. excavation without classification for 100 ft. roadway (borrow from Belle Air Island).

Alternative "D"
Item 10. 540,000 cu. yds. excavation without classification for 60 ft. roadway (borrow from Belle Air Island).

Alternative "E"
Item 11. 1,800 cu. yds. structure excavation without classification.

Item 12. 920 cu. yds. Class "A" Port. cem. conc. (Type "E" structures).

Item 13. 3,100 lin. ft. Douglas fir piles (Type "E" structures).

Item 14. 1,220 cwt. bar rein. steel (Type "E" structures).

Item 15. 53M board measure rwd. lumber (Type "E" structures).

Alternative "F"
Item 16. 200 cu. yds. structure excavation without classification.

Item 17. 36 cu. yds. Class "A" Port. cem. conc. (Type "F" structures).

Item 18. 10,900 lin. ft. creosoted Douglas fir piles (Type "F" structures).

Item 19. 7M ft. bd. meas. Oregon pine lumber (Type "F" structures).

Item 20. 266M ft. bd. meas. redwood lumber (Type "F" structures).

Item 21. 13 cwt. bar rein. steel (Type "F" structures).

Note.—Alternatives "A," "B," "C" and "D" are alternative methods of cons. roadway embankment and a contract may be awarded on any of these alternatives, at the option of the Commission.

Alternatives "E" and "F" are alternatives for the cons. of structures through and under the roadway and a contract may be awarded on either Alternative "E" or Alternative "F" at the option of the Commission.

Bidders may submit proposals separately either for the other work embraced herein, either for the construction of Type "E" structures only (Alternative "E") or the Type "F" structures only (Alternative "F") or both.

The Commission reserves the right to award separate contracts, one for the construction of the Type "E" structures (Alternative "E") or the Type "F" structures (Alternative "F") and the other for the balance of the improvement.

SAN JOSE. Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded const. by Council to imp. State St., bet. Oak and Duane, involv. grade and pave with 1½-in. Warrenite-bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters, walks.

SAN JOSE. Santa Clara Co., Cal.—No bids rec. by supervisors to imp. El Monte Ave. in Supervisor Dist. No. 5 and work ordered done by day labor under supervision of County Surveyor Robt. Chandler; est. cost \$16,425.

EUREKA. Humboldt Co., Cal.—Englehart Paving & Const. Co., Eureka, at \$.55 cu. yd. awarded const. by supervisors to widen road around Root Grade on Van Dusen River in Rd. Dist. 2.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2911	Healy	Kimquist	4000
2912	Neugebauer	Owner	3000
2913	Neugebauer	Owner	3000
2914	Neugebauer	Owner	3000
2915	Lang	Owner	6000
2916	Vassello	Owner	3000
2917	Richards	Owner	8000
2918	Muller	Casty	1500
2919	Gullmes	Owner	8000
2920	Peters	Owner	6000
2921	Bernhardt	Owner	5000
2922	Parkside	Owner	5000
2923	Parkside	Owner	4000
2924	Parkside	Owner	4000
2925	Pacific	Dinwiddie	638649
2926	Gingul	Commercial	3000
2927	Pacific	Windeler	6230
2928	Moss	Yangve	10750
2929	Roman	O'Reilly	7130
2930	Reed	Owner	3700
2931	Stock	Owner	200000
2932	McKillop	Meyer	4000
2933	Lederman	Meyer	4000
2934	Lederman	Meyer	4000
2935	Lederman	Meyer	4000
2936	Lederman	Meyer	4000
2937	Lederman	Meyer	4000
2938	Bluet	Owen	4000
2939	Rechly	Bertram	3000
2940	Peyser	Hensen	800000
2941	Moll	Owner	2000
2942	Graziano	Owner	2500
2943	MertzBach	Stock	25000
2944	Neumiller	Vannucci	10000
2945	Cruden	Dahl	5000
2946	Fluck	Owner	3000
2947	Caruston	Owner	4000
2948	Gardini	Risso	3800
2949	Rosenberg	Zupar	6000
2950	St. Lukes	Hobart	100000
2951	Salvation	Lind	15000
2952	Sullivan	Sullivan	3000
2953	Brayshaw	Johnson	5320
2954	Tiscorn'a	Kenner	3790
2955	Horgan	Owner	8000
2956	Kenny	Hurley	2000
2957	Dakin	Cuneo	4500
2958	Purtell	Owner	3000
2959	O'Hara	Burke	14290
2960	Keenan	Owner	9000

2961	Marian	Owner	150000
2962	Restani	Owner	7000
2963	Calearias	Coburn	1500
2964	Nishkian	Owner	6000
2965	Herzog	Owner	8000
2966	Morris	Nelson	3400
2967	Bethel	Owner	6000
2968	Rosenquist	Owner	1000
2969	Ostrowski	Bruce	3140
2970	Powell	Buschke	8000
2971	Allen	Lindsay	7750
2972	Morris	Allen	42000
2973	Molander	Owner	12000
2974	Martinielli	Owner	6555
2975	Brayshaw	Coyle	7000
2976	Buckman	Johnson	5000
2977	Murphy	Owner	10000
2978	Pistoiesi	Kelly	22000
2979	Brown	Petersen	5000
2980	Meyer	Owner	5000
2981	Lockewood	Owner	4000
2982	Brown	Owner	5900
2983	Bloomberg	De Martini	1250
2984	Payne	Owner	2000
2985	McCarthy	Arnott	3000
2986	Norza	Rebizzo	1550
2987	Beckley	Bertram	5850
2988	Bush	Nelson	5855
2989	Bugles	Schwerdt	3958
2990	Giller	Westwater	4500
2991	Duggan	Owner	4000
2992	Lurie	Bagge	18000
2993	Petrie	Owner	9000
2994	Austin	Owner	4000
2995	Dobert	Owner	3000
2996	Lundquist	Owner	2000
2997	Olson	Owner	12000
2998	Cassidy	Stevenson	9000
2999	Schmitz	Merritt	2500
3000	Pacific	Krenz	2240
3001	Bracken	Meyer	6692
3002	Moneta	Gallagher	7240
3003	Moneta	Arnott	12000

DWELLING
(2911) N COLLEGE AVE. 200 W Mission St. 2-story frame dwelling.
Owner—William Healy, % architect.
Architect—A. Kimquist, 725 Elizabeth, San Francisco.
Contractor—Kimquist & Jacobson, 725 Elizabeth, S. F. \$4000

DWELLING
(2912) E FORTY-FOURTH AVE. 207 N Fulton.
Owner—Geo. Neugebauer, 22A Sanchez, San Francisco.
Architect—None.
Contractor—Geo. Neugebauer, 22A Sanchez, S. F. \$3000

DWELLING
(2913) E FORTY-FOURTH AVE. 181 N Fulton. 1-story frame dwelling.
Owner—Geo. Neugebauer, 22A Sanchez, San Francisco.
Architect—None.
Contractor—Geo. Neugebauer, 22A Sanchez, S. F. \$3000

DWELLING
(2914) E FORTY-FOURTH AVE. 155 N Fulton. 1-story frame dwelling.
Owner—Geo. Neugebauer, 22A Sanchez, San Francisco.
Architect—None.
Contractor—Geo. Neugebauer, 22A Sanchez, S. F. \$3000

DWELLING
(2915) SE MAGELLAN 360 NE Montalvo. 2-story frame dwelling.
Owner—Lang Realty Co., 219 National Bank Bldg., S. F.
Architect—H. Stoner, 219 First National Bank Bldg., S. F.
Contractor—Lang Realty Co., 219 First National Bank Bldg., S. F. \$6000

(2916) E MENDELL 50 S La Salle. 1-story frame dwelling.
Owner—Vassello & Co., 1779 McKinnon Ave., S. F.
Architect—None. \$3000

(2917) 1501 MONTEREY BLVD. 2-story frame dwelling.
Owner—Alexander E. Richards, 721 Beach St., S. F.
Architect—B. Corbett, 1720 Pacific Ave., San Francisco.
Contractor—A. E. Richards, 721 Beach St., S. F. \$8000

ALTERATIONS
(2918) 1254 NINTH AVENUE. Alterations to store.
Owner—Louis Muller, 1607 Chronicle Bldg., S. F.
Architect—George De Colmsiel, 1607 Chronicle Bldg., S. F.
Contractor—John Casty, Builders Exchange, S. F. \$1500

APARTMENTS
(2919) S UNION 213 E Van Ness. 2-story frame apartments.
Owner—V. Gullmes, 1828 Castro St., San Francisco.
Architect—None.
Contractor—V. Gullmes, 1828 Castro St., San Francisco. \$8000

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PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING

(2329) E THIRTY-FIFTH AVE. 90 S
Cabrillo. 2-story frame dwelling.
Owner—J. M. Peters, 797 35th Ave.,
San Francisco.
Architect—None.
Contractor—J. M. Petey, 797 35th Ave.,
San Francisco. \$6000

DWELLING

(2321) E TWENTY-NINTH AVE. 200
N Judah. 1-story frame dwlg.
Owner—Bernhardt Building Co., 582
Grove St., S. F.
Architect—Gust Stahlberg, Flat Iron
Bldg., S. F.
Contractor—Bernhardt Building Co.,
582 Grove St., S. F. \$5000

DWELLING

(2322) E TWENTY-SECOND AVE.
166-8 S Taraval. 2-story frame
dwelling.
Owner—Parkside Realty Co., 618 Crocker
Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th
St., S. F.
Contractor—Parkside Realty Co., 618
Crocker Bldg., S. F. \$5000

DWELLING

(2323) W TWENTY-THIRD AVE. 250
S Taraval. One-story frame dwlg.
Owner—Parkside Realty Co., 618 Crocker
Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th
St., S. F.
Contractor—Parkside Realty Co., 618
Crocker Bldg., S. F. \$4000

DWELLING

(2324) W TWENTY-THIRD AVE. 275
S Taraval. 1-story frame dwlg.
Owner—Parkside Realty Co., 618 Crocker
Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th
St., S. F.
Contractor—Parkside Realty Co., 618
Crocker Bldg., S. F. \$4000

OFFICE BLDG.

(2325) N BUSH 108 W Kearny. All
work for main office building.
Owner—The Pacific Telephone and Tel-
egraph Co., 333 Grant Ave., S. F.
Architect—Bliss & Favelli, Balboa Bldg
San Francisco.
Contractor—Dinwiddie Construction
Co., 1101 Crocker Bldg., S. F.
Filed July 2, 1924. Dated June 26, 1924.
1st of each month 75%
36 days after 25%
Bond, \$319,324. Sureties, Hartford Ac-
cident & Indemnity Co. Forfeit, lim-
it, none. Plans and specifications filed.

ELECTRIC ETC.

(2326) W FRANKLIN 125 N Chestnut
N 37 x W 100 W 112. All work
for electric wiring, private phones,
letter boxes, electric door opener,
wiring for electric motor, etc. in
building.
Owner—Cleste Giugni.
Architect—Richard R. Irvine, Call Bldg
San Francisco.
Contractor—Commercial Electric Co.,
2357 16th St., S. F.

Filed July 2, 1924. Dated June 25, 1924.
Completion of rough \$450
Completion of building 225
Usual 35 days 225
TOTAL COST \$900
Bond, \$450. Sureties, Wensinger F. Ma-
honey, and A. S. Gough. Forfeit, none.
Limit, 90 days after June 16. Plans
not filed. Specifications filed.

WOOD WORK

(2327) BEG. 64 S x 56 FT. E OF SE
Jefferson and Mason E 150 x S 50.
All work for 4 wooden purifiers at
Metropolitan Gas Works.
Owner—Pacific Gas & Electric Co., 445
Sutter St., S. F.
Architect—None.
Contractor—George Wandler Co., 8th
and Hooper Sts., S. F.

Filed July 2, 1924. Dated June 18, 1924.
Completion of any one of said
purifiers 75%
Usual 35 days 25%
TOTAL COST \$6280
Bond, \$3140. Sureties, United States
Fidelity and Guaranty Co. Forfeit,
none. Limit, 90 days. Plans and specifi-
cations filed.

FRAME BLDG.

(2028) LOT 16 LYON & HOAG SUB.
Ashbury Terrace. All work for 2-
story and basement frame bldg.

Owner—Frederick B. Moss, 39 Wood-
land, S. F.
Architect—Chas. F. Strothoff, 2274 15th
St., S. F.
Contractor—Karl Yngve, 133 Alpine
Terrace, S. F.
Filed July 2, 1924. Dated June 30, 1924.
Roof on \$2687
White coated and outside 2nd
coated 2687
Completed and accepted 2687
Usual 35 days 2687

TOTAL COST, \$10,750
Bond, \$5375. Sureties, Chas. Monson
and L. Forsyth. Forfeit, none.
Limit, 90 days after July 1, 1924. Plans
and specifications filed.

CEMENT WORK

(2329) N NINTH AVE. BET. GEARY
and Clement Ave. All work for
cement plastering of front and rear
of frame school and cement plas-
tering on all sides of frame con-
vent building.
Owner—The Roman Catholic Arch-
bishop of S. F., 1100 Franklin St.,
San Francisco.
Architect—John O. Lofquist, 1399 Tam-
alpa, Berkeley.
Contractor—Francis O'Reilly, 180 Jes-
sie, S. F.

Filed July 2, 1924. Dated July 2, 1924.
1st of each month 75%
Usual 35 days Balance
TOTAL COST, \$7130
Bond, sureties, forfeit, none. Limit,
with all possible dispatch. Plans and
specifications not filed.

DWELLING

(2330) S ANZA 27-6 E 41ST AVE. 1-
story frame dwelling.
Owner—F. Carroll Reed, 683 7th St.,
San Francisco.
Architect—F. Carroll Reed, 683 7th St.,
San Francisco. \$3800

APARTMENTS

(2331) SW CHESTNUT AND GOUGH.
3-story frame apts.
Owner—Stock & Jose, 251 Kearny St.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., S. F.
Contractor—Stock & Jose, 251 Kearny
St., S. F. \$20,000

APARTMENTS

(2332) SE CLAY AND OCTAVIA. 6-
story class C apts.
Owner—McKillop Bros., Russ Bldg.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., S. F.
Contractor—McKillop Bros., Russ
Bldg., S. F. \$200,000

DWELLING

(2333) E EIGHTEENTH AVE. 130 S
Lawton. 1-story frame dwelling.
Owner—Lederman Bldg. Co., and Meyer
Bros.
Architect—Gustave Stahlberg, Flat
Iron Bldg., S. F.
Contractor—Meyer Bros. \$4000

DWELLING

(2334) E EIGHTEENTH AVE. 164 S
Lawton. 1-story frame dwelling.
Owner—Lederman Bldg. Co., and Meyer
Bros.
Architect—Gustave Stahlberg, Flat
Iron Bldg., S. F.
Contractor—Meyer Bros. \$4000

DWELLING

(2335) E EIGHTEENTH AVE. 232 S
Lawton. 1-story frame dwelling.
Owner—Lederman Bldg. Co. and Meyer
Bros.
Architect—Gustave Stahlberg, Flat
Iron Bldg., S. F.
Contractor—Meyer Bros., 1 Montgom-
ery St., Room 603, S. F. \$4000

DWELLING

(2336) E EIGHTEENTH AVE. 265 S
Lawton. 1-story frame dwelling.
Owner—Ledermann Bldg. Co. and Meyer
Bros.
Architect—Gustave Stahlberg, Flat
Iron Bldg., S. F.
Contractor—Meyer Bros., 1 Montgom-
ery St., Room 603, S. F. \$4000

DWELLING

(2337) E EIGHTEENTH AVE. 299 S
Lawton. 1-story frame dwelling.
Owner—Lederman Bldg. Co.
Architect—Gustave Stahlberg, Flat
Iron Bldg., S. F.
Contractor—Meyer Bros., 1 Montgom-
ery St., Room 603, S. F. \$4000

DWELLING

(2338) N FIFTEENTH ST. 227 W Cas-
tro. 1-story frame dwelling.
Owner—John J. Binet, 336 Church St.,
San Francisco.
Architect—None.
Contractor—John J. Binet, 336 Church
St., S. F. \$4000

DWELLING

(2339) W FORTY-FIFTH AVE. 195
N Bloor. 1-story frame dwlg.
Owner—L. U. Bechly.
Architect—O. R. Thayer, 110 Sutter St.
San Francisco.
Contractor—Geo. A. Bertram, 2831 Mis-
sion St., S. F. \$3000

APARTMENTS

(2340) N JACKSON 100 E Buchanan.
6-story concrete apts.
Owner—Sidney L. Peyser, 209 Post St.,
San Francisco.
Architect—Samuel Lightner Hyman &
A. Appleton, 68 E. Market St.,
Contractor—F. Hansen, 510 Pine St.,
San Francisco. \$80,000

DWELLING

(2341) S JUDSON AVE. 125 W Edna.
1-story frame dwelling.
Owner—Sigmond Moll, 540 Laidley St.,
San Francisco.
Architect—None.
Contractor—Sigmond Moll, 540 Laid-
ley St., S. F. \$2000

DWELLING

(2342) N PALOU AVE. 225 W Keith
St. 1-story frame dwelling.
Owner—B. Grigiano.
Architect—None. \$2500

APARTMENTS

(2343) NE SACRAMENTO & STEIN-
er Sts. 1-story frame apts.
Owner—Meritzbach, 50 Stock & Jose,
251 Kearny St., S. F.
Architect—Baumann & Jose, 251 Kear-
ny St., S. F.
Contractor—Stock & Jose, 251 Kearny
St., S. F. \$25000

SHOP

(2344) STEVENSON. COLTON AND
Bldg. 1-story concrete shop.
Owner—S. A. Neumiller, 14 28th St.,
San Francisco.
Designer—H. W. Bott, 1533 15th St.,
San Francisco.
Contractor—L. Vannucci Bros., 401
Church St., S. F. \$10,000

DWELLING

(2345) W TENTH AVE. 225 N Lawton
St. 1-story frame dwelling.
Owner—G. E. Cruden, 1701 Grove St.,
San Francisco.
Architect—None.
Contractor—E. Dahl, 1436 18th Ave.,
San Francisco. \$5000

DWELLING

(2346) E THIRTY-NINTH AVE. 75 N
Cabrillo. 1-story frame dwelling.
Owner—Herbert W. Finck, 212 12th
Ave., S. F.
Architect—None. \$3000

DWELLING

(2347) E THIRTY-SIXTH AVE. 175 S
Anza. 1-story frame dwelling.
Owner—L. M. Carusio, 3917 Balboa St.,
San Francisco.
Architect—None.
Contractor—L. M. Carusio, 3917 Balboa
St., S. F. \$4000

DWELLING

(2348) S TWENTIETH ST. 25 W Kan-
sas. 1-story frame dwelling.
Owner—G. Gardini, 943 Vallejo St.,
San Francisco.
Architect—None.
Contractor—John Risso, 76 Albion Ave.,
San Francisco. \$3800

DWELLING

(2349) E TWENTY-SECOND AVE. 350
N Fulton St. 1-story frame dwlg.
Owner—Mr. and Mrs. R. Rosenberg, 707
Haight St., S. F.
Architect—None.
Contractor—Wm. S. Zupar, 1095 Market
St., S. F. \$6000

ALTERATIONS

(2350) NE E TWENTY-SEVENTH &
Valencia St. Alterations to hos-
pital.
Owner—St. Lukes Hospital, 27th and
Valencia Sts., S. F.

Architect — Chas. Stockholm & Sons,
Monadnock Bldg., S. F.
Contractor — Lewis P. Hobart, Crocker
Bldg., S. F. \$100,000

DWELLING
(23651) W VALENCIA 280 S 22ND ST.
2-story frame dwelling
Owner — The Salvation Army, 35 Mc-
Allister St., S. F.
Architect — M. T. Diggs, 1901 Telegraph
Ave., Oakland.
Contractor — Chas. Lind, 35 McAllister
St., S. F. \$15,000

DWELLING
(23652) S WAWONA BET. VICENTE
and 14th Ave. 1-sto. frame dwlg.
Owner — Lena Sullivan, 1716 17th St.,
San Francisco.
Architect — None.
Contractor — J. J. Sullivan, 1716 17th
St., S. F. \$3000

DWELLING
S ANSBURY TERRACE W UPPER
Terrace. 2-story frame dwelling.
Owner — Frederick B. Moss, 39 Wood-
lan Ave., S. F.
Architect — Thos. F. Strothoff, 2274 15th
St., S. F.
Contractor — Karl Yngve, 133 Alpine
Terrace, S. F. \$7000
NOTE — Recorded contract reported
July 3, 1924, No. 2928.

CLUB HOUSE
ABOUT 300 N COUNTY LINE AND
about 600 E Skyline Blvd. Club
house.
Owner — Olympic Club, Post and Mason
Sts., S. F.
Architect — Bakewell & Brown, and
John A. Bauer.
Contractor — K. E. Parker, 519 Cali-
fornia St., S. F. \$210,000
NOTE — Recorded contract reported
June 26, 1924, No. 2832.

BUNGALOW
(23653) E HAROLD AVE 100 S BRUCE
Ave. 1-story frame bungalow.
Owner — Jos. Brayshaw, 83 Bruce St.,
San Francisco.
Architect — None.
Contractor — J. Johnson & L. Erlendson,
Filed July 3, '24. Dated June 24, '24.
Roof on \$1330
1st coat plaster on 1330
Completed 1330
Usual 35 days 1330
TOTAL COST, \$5320
Bond, none. Sureties, none. Forfeit,
none. Limit, none. Plans and specifi-
cations, none.

DWELLING & GARAGE
(23654) S SAN JOSE AVE 75 NE THE-
resa 25 & 100 Lot 94 De Martini Tr.
All work for a frame dwelling
house and garage.
Owner — Jas. Tiscornia, 31 Natick St.,
San Francisco.
Architect — None.
Contractor, R. A. Kenner.
Filed July 3, '24. Dated June 24, '24.
Frame up \$947.50
Roofed and plastered 947.50
Completed and accepted 947.50
Usual 35 days 947.50
TOTAL COST, \$3790
Bond, none. Sureties, none. Forfeit,
none. Limit, none. Plans and specifi-
cations, none.

DWELLINGS
(23655) W CONCORD 116 and 141 S
Mission. Two one-story and base-
ment frame dwellings.
Owner — Patrick Horgan, 915 Pierce St.,
San Francisco.
Architect — None. \$4000 each

ALTERATIONS
(23656) NO. 367-369 DORE. Raise and
make alterations and additions for
flats.
Owner — Mrs. Kenny, 630 Haight St.,
San Francisco.
Architect — None.
Contractor — C. J. Hurley, 146 Herman
St., San Francisco. \$2000

DWELLING
(23657) E ELLINGTON 80 N Nagle.
One-story and basement frame
dwelling.
Owner — E. V. Dakin, 5540 Mission St.,
San Francisco.
Architect — None.
Contractor — John P. Cuneo, 101 Amazon
Ave., San Francisco. \$4500

DWELLING
(23658) W FIFTEENTH AVE 25 S
Judah. One and one-half-story and
basement frame dwelling.
Owner — Daniel Purtell, 3656 17th St.,
San Francisco.
Architect — None. \$3000

ALTERATIONS
(23659) NO. 4450 GEARY. Raise; move
to rear of lot and construct addi-
tion for undertaking parlors.
Owner — Dan O'Hara, Premises.
Architect — J. L. Foley, 770 5th Ave.,
San Francisco.
Contractor — J. E. Burke, 1494 Guerrero
St., San Francisco. \$14,290

FLATS
(23660) E GUERRERO 180-8 S 17th
Two-story and basement frame (3)
apartment flats.
Owner — Mr. Keenan, 157 Guerrero St.,
San Francisco.
Architect — None. \$5000

STORES
(23661) S MARKET 155 E Eighth. Six-
story steel frame stores and offices.
Owner — Marian Realty Co., 1171 Market
St., San Francisco.
Architect — Rousseau & Rousseau, Inc.,
1171 Market St., S. F. \$150,000

RESIDENCE
(23662) SW PERSIA AND HURON.
Two-story and basement concrete
residence.
Owner — C. Restani, 798 Geneva Ave.,
San Francisco.
Architect — None. \$7000

REPAIRS
(23663) NO. 1726 SUTTER. Repair fire
damage to flats; shingle roof;
plumbing; painting; plastering, etc.
Owner — Mrs. C. Calegaris, 180 Jessie
St., San Francisco.
Architect — None.
Contractor — Chas. Coburn, 180 Jessie
St., San Francisco. \$1500

FLATS
(23664) S TARAVAL 82-6 W Twenty-
fourth Ave. Two-story and base-
ment frame (2) flats.
Owner — Armen Nishkian, 855 Monad-
nock Bldg., San Francisco.
Architect — Vincent Buckley, 855 Monad-
nock Bldg., S. F. \$6000

DWELLING
(23665) E THIRTY-SEVENTH AVE
225 N Cabrillo. One-story and
basement frame dwelling.
Owner — Dr. Geo. Herzog.
Architect — None.
Contractor — Henry S. Nelson, 689 6th
Ave., San Francisco. \$3400

(23666) W TWELFTH AVE 225 N Ca-
brillo. Two-story and basement
frame dwelling.
Owner — T. Morris, 687 11th Ave., San
Francisco.
Architect — None. \$6000

DWELLING
(23667) SE TWENTY-EIGHTH AVE &
Ulloa. One-story and basement
frame dwelling.
Owner — W. R. Bethel, 3444 Ulloa St.,
San Francisco.
Architect — None. \$1000

ALTERATIONS
(23668) NO. 539 TWENTY-THIRD AVE.
Alterations and changes for (2)
flats.
Owner — Geo. and Mary Rosenquist, 539
23rd Ave., San Francisco.
Architect — None.
Contractor — Bruce & Ash, 1944 Webster
St., San Francisco. \$3140

MFG. PLANT
(23669) WASHBURN AND GRACE.
Two-story Class C radio manufac-
turing plant and store.
Owner — F. S. Ostrowski, 604 Mission
St., San Francisco.
Architect — None.
Contractor — Buschke & Brown, 604
Mission St., San Francisco. \$8000

COTTAGES
(23670) PTN. LOT 23, BLK. 24 AND
Rtn. Lot 24, Blk. 4, College Hd.
Ass'n. on NW Silver Ave. and
Grant St. All work for two frame
cottages.
Owner — Wm. Powell, 153 Maynard St.,
San Francisco.
Architect — None.

Contractor — Lindsay Construction Co.,
271 Winchester St., S. F.
Filed July 7, 1924. Dated June 12, 1924
Roofs on \$1937.50
Brown coated 1937.50
Completed 1937.50
Usual 35 days 1937.50
TOTAL COST, \$7750

RESIDENCES
(23671) NW CALIFORNIA AND 31ST
Ave. and W 31st Ave. 28, 53, 78, 103,
and 128 N California. Six two-
story and basement frame resi-
dences.
Owner — Allen & Co., 168 Sutter St., San
Francisco.
Architect — Earle B. Bertz, 168 Sutter
St., San Francisco.
Contractor — Harry B. Allen, Inc., 168
Sutter St., S. F. \$7000 each

DWELLINGS
(23672) W COLLEGE AVE 97, 129 and
167 S Geneva Way. Three one-
story and basement frame dwlg.
Owner — G. W. Morris, 101 Urbano Dr.,
San Francisco.
Architect — Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000 each

FLATS
(23673) NE CORTLAND 48-4 SE Pros-
pect. Two-story and basement
frame (2) flats.
Owner — Herman and Emma Molander,
409 Gates St., San Francisco.
Architect — None.
Contractor — Herman Molander, 409
Gates St., San Francisco. \$6000

FLATS
(23674) W FRANKLIN 75 N Filbert.
Two-story and basement frame (2)
flats.
Owner — Marie Martinelli, 2101-B Web-
ster St., San Francisco.
Architect — None.
Contractor — J. J. Coyle, 2101-B Webster
St., San Francisco. \$7000

(23675) E HAROLD AVE 100 S Bruce.
One-story and basement frame
dwelling.
Owner — Joseph Brayshaw, 83 Bruce
Ave., San Francisco.
Architect — None.
Contractor — Johnson & Hendsen, 1565
Jackson St., San Francisco. \$5000

(23676) S LINCOLN WAY 57-6 E 18th
Ave. Two-story and basement
frame (2) flats.
Owner — A. P. Buckman and C. B.
Rivers, 222 Phelan Bldg., S. F.
Architect — None. \$10,000

APARTMENTS
(23677) S WEST PORTAL AVE 250 SW
Ulloa. Three-story frame (2) apart-
ments.
Owner — John Murphy, 3 Day St., S. F.
Architect — Chas. F. Strothoff, 2274 15th
St., San Francisco.
Contractor — R. H. Kelly, 57 Grattan
St., San Francisco. \$22,000

DWELLING
(23678) E SAN BENITO WAY 215 S St.
Francis Blvd. Two-story and base-
ment frame dwelling.
Owner — C. A. Pistolesi, 35 Montgomery
St., San Francisco.
Architect — Chas. F. Strothoff, 2274 15th
St., San Francisco.
Contractor — H. L. Petersen, 35 Mont-
gomery St., San Francisco. \$4000

FLATS
(23679) SE SANCHEZ & TWENTY-
seventh. Two-story and basement
frame (2) flats.
Owner — Ward C. Brown, 195 Duncan
St., San Francisco.
Architect — None. \$5000

DWELLING
(23680) W THIRTY-EIGHTH AVE 100
S Geary. One-story and basement
frame dwelling.
Owner — Meyer Bros., 1 Montgomery St.,
San Francisco.
Architect — None. \$4000

DWELLING
(23681) W TWENTY-NINTH AVE 167
N Irving. One-story and basement
frame dwelling.
Owner — H. Lockwood, 230 Judah St.,
San Francisco.
Architect — None. \$4000

FLATS
(29832) S TWENTY-SEVENTH 45 E
Sanchez. Two-story and basement
frame (2) flats.
Owner—Ward C. Brown, 195 Duncan
St., San Francisco. \$5000
Architect—None.

ALTERATIONS
(29833) NO. 150 MIRAMAR AVE.
Raise dwelling 7 ft. 6 in. under-
pinning, etc.
Owner—C. B. Bloomberg, Premises.
Architect—None.
Contractor—Wm. De Martini, 43 Lucky
St., San Francisco. \$1250

DWELLING
(29834) W CONNECTICUT 150 N 22nd.
One-story and basement frame
dwelling.
Owner—J. S. Payne, 662 Connecticut
St., San Francisco. \$2000
Architect—None.

BUNGALOW
(29835) E BRIGHTON AVE 50 S Grafton
Ave S 25x E 75 Ptn Blk 1, Lake-
view. All work for one-story frame
bungalow.
Owner—The McCarthy Co., 316 Bush St.
San Francisco.
Architect—James Arnott & Son, 235
Granville Way, San Francisco.
Filed July 8, '24. Dated June 19, '24.
30 days after frame up..... 25%
30 days after brown coated..... 25%
30 days after comp. & accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$2000
Bond, none. Limit, 90 days. Forfeit,
\$1. Plans and specifications filed.

ALTERATIONS
(29836) NO. 306 COLUMBUS AVE.
All work for alterations to building
owner—A. Norza and A. Magenti (as
Columbus Emporium), 1524 Mason
St., San Francisco.
Architect—Albert J. Fabre and E. H.
Hildebrand, 30 Sutter St., S. F.
Contractor—M. Rebizzo (as The Cali-
fornia Carpenter Shop), 400 Colum-
bus Ave., San Francisco.
Filed July 8, '24. Dated July 8, '24.
Completed and accepted..... \$1550
Usual 35 days..... 400
TOTAL COST, \$1550
Bond, none. Limit, 16 days. Forfeit,
\$15. Plans and specifications filed.

BUNGALOW
(29837) W FORTY-FIFTH AVE 195 N
Balboa 25x120. All work for one-
story and garage bungalow.
Owner—L. V. Beckley, 276 17th St.,
San Francisco.
Architect—None.
Contractor—Geo. A. Bertram, 2831 Mis-
sion St., San Francisco.
Filed July 8, '24. Dated June 27, '24.
On completion of frame..... 1/4
Brown coated..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5850
Bond, none. Limit, 90 days after June
25, 1924. Forfeit, none. Plans and
specifications filed.
NOTE—Permit reported July 7, 1924
No. 2953.

RESIDENCE
(29838) E FORTY-SECOND AVE. 150 S
Balboa 25x120. All work for
frame residence.
Owner—John L. and Cecelia M. Bush,
4233 Anza St., S. F.
Architect—None.
Contractor—Henry S. Nelson, 689 6th
Ave., S. F.
Filed July 8, 1924. Dated June 24, 1924.
Roof on..... 1/4
Plastering on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5355
Bond, sureties, forfeit, none. Limit, 125
days. Plans and specifications filed.
NOTE—Permit reported June 19, 1924
No. 2733.

BUNGALOW
(29839) E FORTY-SECOND AVE. 225
(2989) N Fulton N 25 x E 120. All work
except painting for 1-story and
basement frame bungalow.
Owner—Joseph Hughes.
Plans by contractor.
Contractor—Walter Schwerdt, 2920
Jackson St., S. F.
Filed July 8, 1924. Dated June 19, 1924.
Frame up, roof boards on..... \$ 700
Brown coated..... 1000

Ready for painters..... 750
Completed and accepted..... 458
Usual 35 days..... 1000
TOTAL COST, \$3958
Bond, \$2000. Sureties, Philip Schwerdt
and Annie M. Schwerdt. Forfeit, \$100.
Limit, 90 days. Plans and specifica-
tions filed.

FRAME BLDG.
(2990) LOT 24, BLK. 22, City Land
Association. All work for 1-story
and basement frame bldg.
Owner—Richard E. and Eva M. Giller,
100 Mateo, S. F.
Architect—Donald O. Westwater, 425
Vernon St., S. F.
Filed July 8, 1924. Dated July 7, 1924.
Frame up, plumbing roughed in..... \$125
Brown coated..... 125
Usual 35 days..... 125
TOTAL COST, \$4500
Bond, \$2250. Sureties, Maryland Casu-
ality Co. Forfeit, \$500. Limit, 90 days.
Plans and specifications filed.

FLATS
(2991) NW FOURTH AVE & CORN-
wall. Two-story and basement
frame (2) flats.
Owner—J. Duggan, 834 Elizabeth St.,
San Francisco. \$4000
Architect—None.
FACTORY
(2992) E HARRISON 200 S Mariposa.
Two-story reinforced concrete fac-
tory.
Owner—The Lurie Co., 315 Montgomery
St., San Francisco.
Architect—O'Brien Bros., Inc., 315
Montgomery St., San Francisco.
Contractor—Bage & Vukovich, 815
Bryant St., S. F. \$18,000

ALTERATIONS
(2993) N LOMBARD 57-6 E Webster.
Raise present building and add one
story for (2) flats.
Owner—A. Petri, 544 Call Bldg., S. F.
Architect—A. Frashina, 1666 Lombard
St., San Francisco. \$3000

DWELLING
(2994) NE MADRID 50 NW France.
One-story and basement frame
dwelling.
Owner—Geo. G. Austin, 678 Madrid St.,
San Francisco. \$4000
Architect—None.

DWELLING
(2995) NE MADRID AND AVALON.
One-story and basement frame
dwelling.
Owner—Henry Dobart, 425 Avalon St.,
San Francisco. \$3000
Architect—None.

ALTERATIONS
(2996) 1411 IRVING ST. Move store
and lot to property line and make
repairs.
Owner—Hina Lundquist, 1411 Irving
St., S. F. \$2000
Architect—None.

DWELLINGS
(2997) W OTSEGO 775, 100, and 125 S
Santa Ysabel. Three one-story and
basement frame dwellings.
Owner—Olson & Woods, 356 Granada
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000 each

DWELLINGS
(2998) E TWELFTH AVE. 37-6 and
62-6 N Lawton. Two 1-story and
basement frame dwellings.
Owner—R. F. Cassidy, 923 Irving St.,
San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth
St., S. F. \$4500 each

ADDITION
(2999) 2272 HOWARD ST. One room
addition and remodel for private
garage quarters.
Owner—Regina Schmitz, 2272 Howard
St., S. F.
Architect—None.
Contractor—G. M. Merritt, 3028 Geary
St., S. F. \$2500

SHEET METAL
(3000) BLK. BOUNDED BY HUM-
boldt, Michigan, Louisiana and Third
Sts. All work for installing sheet
metal work for compressor at Po-
trero Gas Works.

Owner—Pacific Gas & Electric Co., 445
Sutter St., S. F.
Architect—None.

Contractor—Oscar Krenz Copper
and Brass Works, Inc., 626 Bryant
St., S. F.
Filed July 9, 1924. Dated June 30, 1924.
On completion..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2240
Bond, 1120. Sureties, Globe Indemnity
Co. Forfeit, none. Limit, 15 days.
Plans and specifications filed.

DWELLING
(3001) LOT 17 BLK. 5832 St. Marys
Park. All work for 1-story and
basement frame dwelling.
Owner—Wm. and Amelia Bracken, 1
Montgomery St., S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery
St., S. F.
Filed July 9, 1924. Dated June 18, 1924.
Side & roof sheathing on..... \$1673
Brown coated..... 1673
Completed and accepted..... 1673
Usual 35 days..... 1673
TOTAL COST, \$6692

Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

STORE
(3002) S MONTGOMERY BLVD. 305
E Genesee E 56-11 x 125. All
work for 1-story frame store bldg.
Owner—Moneta Investment Co., 233
Pacific Bldg., S. F.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.
Contractor—Gallier Bros.
Filed July 9, 1924. Dated June 19, 1924.
Ready for joists..... \$1810
Roof on..... 1810
Completed and accepted..... 1810
Usual 35 days..... 1810
TOTAL COST, \$7240

Bond, \$3620. Sureties, Harry S. Thom-
son and Henry von der Wettern. For-
feit, none. Limit, 90 days. Plans and
specifications filed.

RESIDENCES
(3003) INT. S STAPLES AVE. AND
NW Circular Ave. W 138, 115 NE
179-63. All work for four 1-story
and basement frame residences.
Owner—Moneta Inv. Co., 233 Pacific
Bldg., S. F.
Architect—None.
Contractor—James Arnott & Son, 235
Granville Way, S. F.
Filed July 9, 1924. Dated June 23, 1924.
Frame completed (each house)..... \$750
Entire electric work and rough
plumbing in and brown coat-
ed (each house)..... 750
Completed and accepted (each
house)..... 750
Usual 35 days (each house)..... 750
TOTAL COST, \$2,000
Bond, sureties, none. Forfeit, \$10. Lim-
it, 120 days. Plans and specifications
filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded..... Accepted
July 2, 1924—W CONGO 150 S Mon-
terey Blvd. Johnson & Erlanson
to whom it may concern. June 30, '24
July 2, 1924—E MIRAMAR AVE 150
S Holloway Ave. Johnson & Erlan-
dson to whom it may concern. June 25, 1924
July 2, 1924—W MIRAMAR AVE 125
S Holloway Ave 150 S of Holloway
Ave. Johnson & Erlanson to
whom it may concern. June 30, 1924
July 2, 1924—N FARNASSUS AVE
127-4 W Shrader W 27xN 137-6. Ed
Helmeke and G. Tyson to O'Brien
Bros. July..... 1924
July 2, 1924—LOTS 111 AND 112 BLK
bided by Minna, Elgh, Mission and
Seventh. Pacific Gas & Electric Co.
to Hermann Bosch. June 22, 1924
July 2, 1924—W THIRTY-SIXTH AVE
200 N Cabrillo 25x120. Fred and
Viola Mason to Harry E. Morris. July 2, 1924
July 2, 1924—W THIRTY-NINTH AVE
175 N Balboa N 25xW 120. John H.
Jansen to whom it may concern. June 30, 1924
July 2, 1924—E MADRID 225 S
France Ave 25x100. H G Cramer-
ding to whom it may concern. July 2, 1924

July 2, 1924—LOT 25x100 on W Sanchez 30 N of 14th. Hannah M. and D C Courtney to Fontanella & Co. July 2, 1924
 July 2, 1924—LOT 27 BLK. 6888. John J. Dennis A. and Chas J. Holbrook to A. Prout. June 27, 1924
 July 2, 1924—S BALBOA 82-6 W 8th Ave. W 25x100. Alfred F. Morris to Chas. F. H. Miller. June 27, 1924
 July 2, 1924—W CONGO 100 S Monterey Blvd. Johnson & Erlanson to whom it may concern. Mar. 5, 1924
 July 2, 1924—SW BEACON & GRANT Ave W 27x58 137-6. Ohio Elevator Co. to Joseph Muskat Sons-Keanan Co. June 22, 1924
 July 2, 1924—N FILBERT 204-3 W Summit W 27-6xN 137-6. H. Monson to whom it may concern. June 27, 1924
 July 2, 1924—NW VIENNA 100 SW Frame Ave SW 50xN 100 BLK 58. Eschl. H. John and Annie Miller to John Miller. June 30, 1924
 July 2, 1924—W CONGO 125 S Monterey Blvd. W Miramar Ave 100 S Holloway Ave. J. Erlanson to Johnson & Erlanson. July 2, 1924
 July 2, 1924—E HOWARD 22-54 S Thirteenth having frontage of 112-94 114-34. M. Saroff to whom it may concern. June 19, 1924
 July 2, 1924—W CORDELL 100 W 137-6. Edw. B. Goodman to Arthur B. Stevens. July 1, 1924
 July 1, 1924—W DOLORES 101-6 S Valley S 25xW 100. Wm F. and Margaret R. Healy to whom it may concern. June 27, 1924
 July 3, 1924—N JESSIE 22-6 W Mint Ave N 155 W 15 S 75 W 24-6 S 80 E 69-6. Wobblers Inc to Mager Bros and J. J. McLeod. July 1, 1924
 July 3, 1924—E POWELL & POST W 137-6. Wm M. and Mary E. Fitzhugh to Hulse Bradford Co. June 21, 1924
 July 3, 1924—S BALBOA 30 E 31st Ave. Howard M. Thurston to E. S. Peterson. June 28, 1924
 July 3, 1924—W GUERRERO 122 S Twenty-second S 31x117-6. Charles Schwarz to whom it may concern. July 2, 1924
 July 3, 1924—LOTS 22 AND 30 BLK "G" Mission Terrace. Albert J. Olson and David R. Woods to whom it may concern. July 1, 1924
 July 3, 1924—N CABELLO 100 W 44th Ave N 25xW 82-6; NE Cabrillo and 45th Ave N 25xE 82-6. Meyer Bros to whom it may concern. July 2, 1924
 July 3, 1924—LOT 8 BLK 6888. Laguna Honda Park. Robert F. Behlow to A D Dorr. June 30, 1924
 July 3, 1924—S TWENTIETH 180 E Church E 25xS 114. Charles J. and Nellie F. Sethman to John R. Morrison. July 1, 1924
 July 3, 1924—SW POLK & GREEN-wich W 110 S 92-6 E 25 N 60 E 35 N 32-6. S. Montani to whom it may concern. July 1, 1924
 July 3, 1924—E MARKET & BEALE NE along SE Market 137-6x138-2. Pacific Gas & Electric Co. to I. M. Sommer Co. June 30, 1924
 July 3, 1924—LOTS 8 AND 4 BLK 3167, Westwood Park. Hans and wife Esther E. Nelson to whom it may concern. July 2, 1924
 July 3, 1924—NE POWELL AND Post N 137-6xE 162-9. Wm M. and Mary E. Fitzhugh to H. H. Petersen. Vermont Marble Co., California Artistic Metal Wire Co. June 25, 1924
 July 3, 1924—CLYTON 150 W Grove N 25xE 106-3. Thomas G. Fitzgerald to Jesse H. Stephenson. June 23, 1924
 July 3, 1924—NE POST & POWELL 137-6xE 162-9. Wm M. and Mary E. Fitzhugh to Butte Electrical En. Co. and James A. Nelson, Inc. July 1, 1924
 July 7, 1924—E THIRTY-SIXTH AVE 300 W Lincoln Way 25x120. Geo F. Rundle to whom it may concern. July 1, 1924
 July 7, 1924—LOT 17 BLK 1236 Sea Cliff Division. Elsie S. Snider to Meyer Bros. July 1, 1924
 July 7, 1924—SW GIRARD 200 SE Olmstead SE 25xSW 120. Joseph S. Frattessa to whom it may concern. June 25, 1924
 July 7, 1924—SW GIRARD 175 SE Olmstead SE 25xSW 120. Joseph S. Frattessa to whom it may concern. June 25, 1924

July 7, 1924—NW O'FARRELL AND Shannon — 112-6xW 95: Fifth Church of Christ Scientist to J. E. O'Malley Co., Ideal Heating Co., J. Hillam and Frank J. Klum. June 25, 1924
 July 7, 1924 NE SILVER AVE AND Craut; N Silver Ave 25 E Craut, W Davock to A. J. Kronquist. July 7, 1924
 July 7, 1924—W FIFTEENTH AVE 150 S Irving; W 15th Ave 125 S Irving. August Hallgren to whom it may concern. July 7, 1924
 July 1, 1924—NE BUCHANAN AND Magnolia 30 on Buchanan and 80 on Magnolia. Frank J. Krejcek to Magnuson & Peterson. July 1, 1924
 July 1, 1924—LOT 54 Map Lyon & Hoags Sub Lincoln Manor. Alton R. Lapham to whom it may concern. June 25, 1924
 July 8, 1924—NO. 2821-2831 MISSION St. Lesser Realty & Imp Co. to H. P. Hoyt. July 3, 1924
 July 8, 1924—ALL LOT 36 and Ptn Lot 37 BLK 119. Foster & Co. M. Hubert to Boston & Zwiegl. July 7, 1924
 July 8, 1924—N FILBERT 137-6 E Powell E 137-6 x N 160. The Roman Catholic Archbishop of S. F. to Hermann Bosch. July 3, 1924
 July 8, 1924—S FRANCISCO 85-6 E Leavenworth. J. J. Kolburn to whom it may concern. July 7, 1924
 July 8, 1924—N TOWNSEND BET. 7th and 8th. Chas. Harley Co. to Thomas M. Jones. July 7, 1924
 July 8, 1924—SW ARLINGTON 213 SW Roanoke 25 x 114. 327 Arlington. H. H. Krohn to whom it may concern. July 3, 1924
 July 8, 1924—S FRANCISCO 31-6 and 58-6 E Leavenworth 27 x 70. J. J. Kolburn to whom it may concern. July 7, 1924
 July 8, 1924—N TOWNSEND BET. 7th and 8th Sts. Thomas M. Jones to whom it may concern. July 7, 1924
 July 8, 1924—S JOOST E 100 W Foerster S Joost 125 W Foerster. Isaacson & Nyland to whom it may concern. July 1, 1924
 July 9, 1924—W PARKER AVE 306-7 N Geary N W 110 S 35 E to Leg. E. A. Schlesselman to T. L. Sharnan & Son. June 23, 1924
 July 9, 1924—N LOMBARD 81-3 W Octavia 25x82-6. S. Steinauer to whom it may concern. July 9, 1924
 July 9, 1924—W GRANT AVE 68-9 Jackson N 68-9xW 137-6. Chin Lain to Central Electric Co. June 28, 1924
 July 9, 1924—NO. 949 MARKET ST. New York & San Francisco Investment Co. to A. M. Hardy. July 7, 1924
 July 9, 1924—SW COR. SHARON Bldg. NE New Montgomery and Jessie Sts. Crane Co. to Thomas Day Co. July 1, 1924
 July 9, 1924—S LINCOLN WAY 82-6 E Seventh Ave S 95xE 25. Richard W. Hawkins to R. J. Stempel. July 8, 1924

July 3, 1924—LOT 45, PLOT B, Meek Orchard Tract. Frank C. Angelus vs. Enos and Olive Costa, John Doe and Richard Roe. July 3, 1924
 July 3, 1924—BEGINNING AT THE intersection of center line of county road No. 89 with center line of county road No. 521, thence SE 3449.70 SW 33.67 SE 858 SW 2034.78 NW to center line of county road No. 521 NE 2770.10 to point of beginning. L. R. Rosenberg vs. Louis Zwissig and F. W. Whetstone. \$72.50
 July 3, 1924—POR. BLK. 12 MAP OF Curtis Tract. Rides-Jamieson & Co. vs. E. F. Higgins, Emma E. Higgins and Fred Rogers. \$51.25
 July 3, 1924—LOT 8, HUFF TRACT. San Leandro. L. H. Bullard, (L. H. Bullard Electric Co.), vs. F. M. Scher. \$135
 July 3, 1924—LOT 18 AND POR. LOT 17, Blk. E, Map of Orland Heights. E. K. Wood Lumber Co. vs. R. E. Heuer. \$256.86
 July 5, 1924—LOTS 12 AND 14, BLK. 34, Map No. 6 of Regents Park, Oakland. Stege Lumber and Hardware Co. vs. P. A. McFarland, John Doe, Mary Green, and Black-White Co. \$122.22
 July 2, 1924—S GREEN near Columbus Ave 629-631 633 Green. George Campbell vs. Antonetta Alessandro. \$1.00
 July 2, 1924—SE TWENTY-FOURTH and Treat Ave E 112-6xS 45. Randolph P. Sanchez vs. Chas M. Brown. \$52.45

Corrections
 June 30, 1924—N TWENTY-NINTH 121-8 W Church W 30xN 114. Eureka Sash, Door & Moulding Mills vs. Angelo D. and Giovanni Fagasio and Geo M. Merritt Bldg Co. \$265.63
 July 8, 1924—LOT 12, BLK. 6461 formerly Blk. 77-68. Bernal Hd. Association, The Greater City Lumber Co. vs. L. J. Corrells. \$37.05
 July 7, 1924—N HEARTS AVE 100 E Foerster N 112-6xE 25. M. G. Peck vs. W. T. Cutler Realty Co., J. G. Gibson and wife; Jos C and Alma Plume; Jos Brymner and John Oliva. \$233.50
 July 7, 1924—NE WASHINGTON AND Gough E 137-6xN 139-4 1/2. John S. Guerin (as J. S. Guerin & Co) vs. Thomas McDougall and Atlas Concrete Co. \$138.45
 July 7, 1924—NE WASHINGTON AND Gough E 137-6xN 139-4 1/2. Gunn Carle & Co vs. Thos McDougall and Atlas Concrete Co. \$209.7
 July 3, 1924—N WASHINGTON 130 E Gough E 50-9xN 127-8 1/2. Macdonald Lumber Co vs Thos McDougall and Atlas Concrete Co. \$1960.09
 July 7, 1924—E LAFAYETTE 20 S 18th. Frank and Margaret Bateman to F. Bateman. July 7, 1924
 July 7, 1924—E TWENTY-SIXTH AV 175 N Ulton N 25xE 120. John N. Lepstich to whom it may concern. July 5, 1924
 July 7, 1924—LOCATION NOT GIVEN Lincoln U Grant to whom it may concern. June 21, 1924
 July 7, 1924—LOT 5 and Ptn Lot 4 St. Francis Wood Extn No. 1. St. Francis Home Bldg Co. to Moore & Madsen. July 1, 1924
 July 9, 1924—N EDNA 75 N Staples Ave W 25x100. Dowd-Seid Electric Co vs J. C. Gibson & W. P. Goss. \$62.50
 July 9, 1924—NE WASHINGTON AND Gough E 137-6xN 139-4 1/2. Steel-form Co. Contracting Co. vs. Thos McDougall and Atlas Concrete Co. \$600
 July 9, 1924—W EDNA 75 N Staples W 25x100. Dowd-Seid Electric Co vs J. C. Gibson and W. P. Goss. \$62.50
 July 9, 1924—LOT 23 BLK 2975. Claremont Court. Jas E. Lennon Lime & Cement Co. \$295; W. H. Zillmer, \$234 vs Robert D. and Rita L. Tobin. \$295
 July 9, 1924—W EDNA 75 N Staples Ave W 25x100. Dowd-Seid Electric Co vs J. C. Gibson & W. P. Goss. \$62.50

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
July 2, 1924—LOT 9 AND N 20 FT. of Lot 10. Blk. 3, Map of Fourth Ave. Heights. J. E. Ward vs. Ada L. and E. F. Shinn and Geo. C. Currier. \$120.10	
July 2, 1924—S 23-9 OF LOTS 1 & 2 Blk. 254 Map of the Casserly Tract on 14th St., Oakland. Otis Elevator Co. vs. Hotel Oaks, W. D. Johnson, Fairbank Valley Co., Os Realty Co., The Pac Mutual Life Ins. Co., Scottish Hall Ass'n, G. Delahoy, White Co., John Doe, Richard Roe and Jane Doe. \$424.10	
July 2, 1924—LOT 18, POR. LOT 17. Blk. E Orland Heights. A. K. Goodmundson vs. R. A. Heuer. \$123.	

NOW READY FOR DELIVERY—PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations" for Quantity Surveyors and Contractors.
 Loose Leaves in Fabriklod Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.
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BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3471	Raine	Wilson	35000
3472	Wood	Peters	28600
3473	Pfrang	Owner	7000
3474	Woods	Owner	2500
3475	Schiller	Owner	1500
3476	Burnett	Owner	3500
3477	Noble	Kaler	4700
3478	Bertzhoff	Owner	4000
3479	Noble	Owner	3000
3480	Holman	Owner	3000
3481	Oliver	Covey	9640
3482	Woodburn	Owner	7500
3483	Perry	McDonnell	2000
3484	Hatch	Carrico	2000
3485	Perkins	Owner	1500
3486	Agrella	Owner	3700
3487	Bayley	Owner	1000
3488	Cabiati	Cisero	3000
3489	Jennings	Owner	2500
3490	Dilberger	Reed	14000
3491	Howitz	Merritt	22500
3492	Bryan	Maurer	14639
3493	Brett	MacGregor	3168
3494	Hoffman	Westlund	31000
3495	City	Owner	15000
3496	Galbraith	Owner	5100
3497	Timoney	Soder	5500
3498	Chigline	Owner	5000
3499	Bardwell	Blucher	6085
3500	Bequette	Dolan	5250
3501	Williams	Owner	20500
3502	Berg	Cedorborg	1800
3503	Duncan	Owner	1500
3504	Mynthis	Solomon	1500
3505	Alvarez	Allen	3000
3506	Lynip	Broadway	3500
3507	McGee	Silva	3000
3508	Moeller	Owner	1750
3509	Parodi	Owner	4800
3510	Rambo	Owner	5000
3511	Wilson	Campomenosi	3125
3512	Phillips	Neumann	12000
3513	Chouvaldjy	Orton	40,000
3514	Bliss	California	7000
3515	Brodnax	Owner	2700
3516	Anderson	Owner	2300
3517	Houck	Owner	8000
3518	Sowles	Owner	5000
3519	Harvey	Owner	4500
3520	Higgins	McCullough	4500
3521	Haunschild	Owner	4500
3522	Stone	Owner	2450
3523	Stone	Owner	4900
3524	Stone	Owner	3250
3525	Bowen	Owner	3200
3526	Condon	Owner	6000
3527	Norris	Owner	3000
3528	Taylor	Ballard	1000
3530	Greub	Owner	2000
3531	Truxel	Owner	4500
3532	Kercher	Owner	2600
3533	Nelson	Owner	1900
3534	Carter	Lawton	3000
3535	Gilson	Geary	3000
3536	Kent	Hebel	3400
3537	Radke	Jordan	1000
3538	Berg	Davis	6200
3539	Laddart	Owner	3500
3540	Dalton	Lindquist	9000
3541	Bliss	Stewart	1000
3542	Horgan	Nordstrom	5000
3543	Chicago	Carrico	3000
3544	Carrico	Nylander	8000
3545	Phillips	Anderson	8250
3546	Fulkmann	Altermatt	9500
3547	Hartbell	Spencer	5959
3548	Monarch	Owner	1000
3549	Cramer	Owner	1500
3550	Scott	Lindquist	1800
3551	Lapp	Johnson	6500
3552	Nor	Howard	4000
3553	Hare	Owner	3000
3554	Murray	White	4400
3555	Schwartz	Owner	6000
3556	Meyer	Owner	2500
3557	Mikvlich	Owner	4000
3558	Ferrel	Owner	1800
3559	Oollerich	Owner	3000
3560	Gow	Owner	3500
3561	Kelly	Owner	2500
3562	Rodriguez	Owner	2000
3563	Cameron	Owner	7500
3564	Ellison	Owner	3000
3565	Thurman	Owner	6000
3566	Cameron	Owner	3000
3567	Gatter	Paige	5000
3568	Graham	Owner	3500
3569	Van Ness	Owner	3000
3570	Pacific	Sairaneu	4490
3571	Serpas	Owner	1900
3572	Kingsbury	Owner	3000
3573	Farrico	Owner	3500
3574	Webb	Livingston	3850
3575	Dowling		

3576	Cis	Bashion	12500
3577	Scott	Wierk	10000
3578	Scott	Wierk	25000
3579	Hartzell	Jensen	10000
3580	Christensen	Owner	1800
3581	Kaelin	Wolf	4000
3582	Taylor	Dawson	2000
3583	Star	Rankin	22000
3584	Taylor	Owner	4000
3585	Mikerlich	Glaser	1240
3586	Rogers	Owner	3200
3587	Burch	Owner	31500
3588	Hart Bay	Knight	1000
3589	Mills	Nordstrom	3000
3590	Johanson	Owner	3500
3591	Johanson	Owner	1000
3592	Johnston	Owner	2000
3593	Voldly	Owner	1000
3594	Morrell	Owner	1000
3595	Gracie	Goranson	1405
3596	Chatel	Owner	2500
3597	Gilmour	McWethy	20000
3598	Hansen	Owner	3000
3599	Kramer	Cox	7000
3600	Wiseman	Scott	1800
3601	Bowman	Scott	1233
3602	East Bay	Scott	1694
3603	East Bay	McManus	1250
3604	East Bay	Oakland	1250
3605	East Bay	Hillam	5485
3606	East Bay	Roberts	1680

STORES & APTS.

(3471) NE GROVE & UNIVERSITY & 1335-37-39-41-43 Grove St., Berkeley. Six stores and 6 apartments. Owner—E. Raine, 418 Newton Ave., Oakland. Architect—Hutchison and Mills, 1214 Webster St., Oakland. Contractor—T. R. Wilson, 3057 Benvenue Ave., Oakland. \$35,000

DWELLINGS

(3472) 3244 3440 3242 3236 3248 3239 3232 Idaho St., 1311 1306 1304 1314 HARMON ST., Berkeley, 11 dwellings. Owner—Ralf Wood, 5821 San Pablo Ave., Oakland. Designer—Craig Maclean, 306 14th St., Oakland. Contractor—Fred W. Peters, 184 Ridgeway Ave., Oakland. \$2500 each

DWELLING

NAPA AVE., Berkeley. (3473) 1306 Dwelling. Owner—H. C. Pfrang 555 N Ocean View Place. Architect—None. \$7000

DWELLING

S OF SOLANO 90 E of Tulare, Berkeley. Dwelling. Owner—A. S. J. Woods, 1607 Sonoma Ave., Berkeley. Architect—None. \$2500

ALTERATIONS

1629 SIXTY-THIRD ST., Berkeley. Alterations. Owner—Mrs. Schiller, 1629 63rd St., Berkeley. Architect—None. Contractor—W. L. Swoap, 3230 Ellis St., Berkeley. \$1150

DWELLING

2424 STUART ST., Berkeley. Dwelling. Owner—G. A. Burnett, 2424 Stuart St., Berkeley. Architect—None. Contractor—Oliver Burnett, 2424 Stuart St., Berkeley. \$1500

DWELLING

2719 CALHOUN ST., Alameda. 1-story 5-room dwelling. Owner—G. H. Noble, 1336 Park St., Alameda. Architect—None. Contractor—G. H. Noble, 1336 Park St., Alameda. \$5500

DWELLING

SAN JOSE AVE. near Chestnut St., Alameda. 1-story 7-room dwlg. Owner—S. E. Bertzhoff, 1911 Alameda Ave., Alameda. Architect—None. Contractor—M. C. Kaler, 2029 San Jose Ave., Alameda. \$4700

DWELLING

2722 WASHINGTON ST., Alameda. 1-story 6-room dwelling. Owner—G. H. Noble, 1336 Park St., Alameda. Architect—None. Contractor—G. H. Noble, 1336 Park St., Alameda. \$4000

DWELLING

(3480) S BROOKDALE AVE. 378 E 38th Ave., Oakland. 1-story 5-room dwelling. Owner—John Holman, 3626 Midvale Ave., Oakland. Architect—None. \$3000

DWELLING

(3481) NW COR. BROOKDALE AND Maxwell Ave., Oakland. 1-story 7-room dwelling. Owner—A. A. Olivera, 1800 39th Ave., Oakland. Architect—None. Contractor—Cover & Rose, 427 Adams St., Oakland. \$9640

DWELLING & GARAGE

(3482) CLARENDON CHESCENT Oakland. 1½-story dwelling and garage. Owner—P. E. Woodburn, 624 Prospect Ave., Oakland. Architect—None. \$7500

DWELLING

(3483) N DUNCAN WAY 304 S GLENWOOD Glade, Oakland. 1-story 3-room dwelling. Owner—Della Perry, 2506 19th Avenue, Oakland. Architect—None. Contractor—MacDonald & Foreman, 1686 Shattuck Ave., Berkeley. \$2000

STORE

(3485) N FOOTHILL BLVD 200 W 90th Ave., Oakland. 1-story store. Owner—C. Perkins, 215 Henshaw Bldg., Oakland. Architect—None. \$1500

DWELLING & GARAGE

(3486) 2607 KINGSLAND AVENUE, Oakland. 1-story 5-room dwelling and garage. Owner—A. J. Agrella, 1811 East 19th St., Oakland. Architect—None. \$3700

ADDITION

(3487) 1729 MARKET STREET, Oakland. Addition. Architect—None. Owner—Ben L. Bailey, 1524 Linden St., Oakland. \$1000

DWELLING

(3488) 4308 MARKET STREET, Oakland. 1-story 4-room dwelling. Owner—E. Cabiati, 890 43rd St., Oakland. Architect—None. Contractor—J. Cisero, 698 43rd St., Oakland. \$3000

DWELLING

(3489) SW COR 61ST AVE & BRANN dist. 55.79 N from E line of Wayne Ave and N line of Hanover St. and thence N 55.75, E 108.14, S 80 and thence W 133 to pt. of beginning. Two-story and garage 6-apartment building. Owner—Harry and Freda Horwitz, 1004 Clay, Oakland. Architect—A. W. Smith, Amer. Bank Bldg., Oakland. Contractor—John W. Merritt, 1958 42nd Ave., Oakland. \$2500

APARTMENTS

(3490) E 35TH AVE 155 N GALINDO St., Oakland. 2-story 16-room dwlg. Owner—Mrs. Dilberger, 1307 East 35th St., Oakland. Architect—L. H. Ford, 306 14th Street, Oakland. Contractor—C. W. Reed, 2534 Pleasant St., Oakland. \$14,000

BUILDING

(3491) E LINE OF WAYNE AVE. dist. 55.79 N from E line of Wayne Ave and N line of Hanover St. and thence N 55.75, E 108.14, S 80 and thence W 133 to pt. of beginning. Two-story and garage 6-apartment building. Owner—Harry and Freda Horwitz, 1004 Clay, Oakland. Architect—A. W. Smith, Amer. Bank Bldg., Oakland. Contractor—John W. Merritt, 1958 42nd Ave., Oakland. Filed July 2, '24. Dated July 2, '24. Concrete foundation laid \$1000 Frame up and roof on 4500 Enclosed and 1 coat plaster on 4500 Completed \$4500

Usual 35 days 4500
Note for 3500
TOTAL COST \$28,500
Bond, yes. Sureties, U. S. Fidelity and
Guaranty Co. Forfeit, \$15 per day.
Limit, Oct. 28, 1924. Plans and specifications
filed.

DWELLING
(3492) 11 BELLVIEW, Piedmont. 2-
story 8-room dwelling and garage.
Owner—C. F. Bryan, 237-D Perry, Oak-
land.
Architect—None.
Contractor—Geo. J. Maurer Co., 177
Ridgeway Ave., Oakland. \$14,833

DWELLING
(3493) 1321 GRAND AVE., Piedmont.
2-story 7-room dwelling & garage.
Owner—J. A. Brett, 732 E-20th, Oak-
land.
Architect—None.
Contractor—J. A. Brett, 732 E-20th,
Oakland. \$5000

RESIDENCE
(3494) 132 GUILFORD PLACE, Pied-
mont. 2-story residence and garage
Owner—F. I. Hoffman.
Architect—None.
Contractor—C. M. MacGregor, 470 13th
St., Oakland. \$13,168

ALTERATIONS
(3495) HIGHLAND & VISTA AVES,
Piedmont. Enlarging of city hall.
Owner—City of Piedmont.
Architect—None.
Contractor—Fred Westlund, 795 High-
land, Berkeley. \$31,000

DWELLING
(3496) 781 HIGHLAND AVE., Pied-
mont. 2-story 12-room dwelling &
garage.
Owner—Dr. A. Galbraith, 2406 Tele-
graph, Berkeley.
Architect—None. \$15,000

DWELLING
(3497) 1624 LOWER GRAND, Pied-
mont. 1-story 6-room dwelling and
garage.
Owner—E. G. Timoney, 553 52nd, Oak-
land.
Architect—None. \$5100

DWELLING
(3498) 210 MAGNOLIA AVE, Piedmont
1-story 6-room dwelling and gar-
age.
Owner—W. Ghigliere.
Architect—None.
Contractor—Oscar Soder, 2438 Ashbury
Berkeley. \$5500

DWELLING
(3499) 355 PALA AVE., Piedmont. 1-
story 6-room dwelling and garage.
Owner—C. E. Bardwell Jr., 2503 10th
Ave., Oakland.
Architect—None.
Contractor—C. E. Bardwell Jr 2503 10th
Ave., Oakland. \$5000

DWELLING
(3500) 327 SAN CARLOS, Piedmont. 1-
story 6-room dwelling and garage.
Owner—M. A. Bequette, Athens Apts.,
Oakland.
Architect—None.
Contractor—Blucher Bros., 451 Van
Dyke Ave., Oakland. \$6035

DWELLING
(3501) 272 WILDWOOD, Piedmont. 1-
story 6-room dwelling and garage.
Owner—D. M. Williams 1061 55th, Oak-
land.
Architect—None.
Contractor—Leo J. Dolan, Syndicate
Bldg., Oakland. \$5250

DWELLING
(3502) 162 WILDWOOD AVE., Pied-
mont. 1-story 5-room dwelling and
garage.
Owner—Edward Berg, 836 53rd, Oak-
land.
Architect—None.
Contractor—Edward Berg, 836 53rd,
Oakland. \$5150

DWELLING
(3503) 480 WILDWOOD, Piedmont. 2-
story 9-room dwelling and garage.
Owner—A. L. Duncan, 54 Woodland,
Oakland.
Architect—None.
Contractor—C. Cedorborg, 1445 Excel-
sior Blvd., Oakland. \$20,500

DWELLING
(3504) 1123 BLAKE ST., Berkeley.
Dwelling.
Owner—Mrs. C. Myrnon Mynthls, 1037 Chan-
ning Way, Berkeley.
Architect—None.
Contractor—Verner Mynthls, 1037
Channing Way, Berkeley. \$1800

DWELLING
(3505) 1307 DWIGHT WAY, Berkeley.
Owner—A. C. Alvarez, 2715 Channing
Way, Berkeley.
Architect—None.
Contractor—A. C. Alvarez, 2715 Chan-
ning Way, Berkeley. \$1500

DWELLING
(3506) 1212 GLEN AVE., Berkeley.
Owner—B. F. Lynip, 2341 Channing
Way, Berkeley.
Architect—None.
Contractor—J. E. Solomon, 2612 Math-
ews, Berkeley. \$3000

ALTERATIONS
(3507) 2434 GROVE ST., Berkeley. Al-
terations.
Owner—Mrs. C. & M. McGee, 2434 Grove
St., Berkeley.
Architect—None.
Contractor—Martin Allen, 340 Wads-
worth Ave., Berkeley. \$1500

DWELLING
(3508) N E-EIGHTEENTH ST. 300 E
41st Ave., Oakland. 1-story 5-room
dwelling.
Owner—Mrs. J. Moeller.
Architect—None.
Contractor—Wm. Broadway 3432 Salis-
bury St., Oakland. \$3500

DWELLING
(3509) NW COR. FIFTY-SECOND &
Market Sts., Oakland. 1-story 5-
room dwelling.
Owner—A. Farodi, 46th & Market sts.,
Oakland.
Architect—None.
Contractor—J. Silva, 1377 Hopkins St.,
Oakland. \$3100

DWELLING
(3510) W FRUITVALE AVE. 600 N
Whittle Ave., Oakland. 1-story 4-
room dwelling.
Owner—M. P. Rambo, 3721 Fruitvale
Ave., Oakland.
Architect—None. \$1750

DWELLING
(3511) E BAKINLEY AVE. 150 S Alma
Ave., Oakland. 1-story 5-room dwlg
Owner—Thomas Wilson, 1512 27th Ave.,
Oakland.
Architect—None. \$4800

DWELLING
(3512) W PALOMA AVE. 196 S Man-
dana Blvd., Oakland. 2-story 6-rm.
dwelling.
Owner—Mrs. G. Phillips, 932 60th St.,
Oakland.
Architect—None.
Contractor—E. C. Compomoni, 5238
Lawton Ave., Oakland. \$5000

DWELLING
(3513) 1608 SIXTY-EIGHTH AVENUE
Oakland. 5-room dwelling and
garage.
Owner—E. O. Neuman, 2316 Buena Vis-
ta Ave., Alameda.
Architect—None. \$3125

APARTMENTS
(3514) N 3 1/2 ST 100 E SAN PABLO
Ave., Oakland. 2-story 16-room
apartments.
Owner—N. Chouvaldjy, 3412 San Pab-
lo, Oakland.
Architect—None.
Contractor—A. E. Orton, 2558 Seminary
Ave., Oakland. \$12,000

APARTMENT
(3515) GORE EAST 28TH ST & BAY
View Ave., Oakland. 3-story 34-rm.
Apartment.
Owner—Rena M. Brodnax, 1366 Frank-
lin St., Oakland.
Architect—None.
Contractor—California Builders, 1366
Franklin St., Oakland. \$40,000

DWELLING & GARAGE
(3516) SE COR 25TH AVE & EAST
22nd St Oakland. 1-story 5-room
dwelling and garage.
Owner—Chas. Anderson, 3403 26th Ave.,
Oakland.
Architect—None. \$3100

DWELLING
(3517) W WALLA VISTA AVE 150 E
Kenmore Ave., Oakland. 2-story
7-room dwelling.
Owner—H. L. Houck, 934 Alma Ave.,
Oakland.
Architect—None. \$7000

DWELLING
(3518) 2325 ACTON ST., Berkeley.
Dwelling.
Owner—A. J. Sowles, 4130 Howe St.,
Berkeley.
Architect—None. \$2700

DWELLING
(3519) 1359 ADDISON ST., Berkeley.
Dwelling.
Owner—J. F. Harvey, 2916 Telegraph
Berkeley.
Architect—None. \$2300

DWELLINGS
(3520) 2334 2336 BONAR ST., Berkeley
Two dwellings.
Owner—Thos. F. Higgins, 2127 Brod-
erick St., San Francisco.
Architect—None. \$2500 each

DWELLING
(3521) 7100 THE ALAMEDA, Berkeley
dwelling.
Owner—Madora G. Haunschild, Hearst
and Grove St., Berkeley.
Architect—J. Hudson Thomas, Mercan-
tile Trust Co., Berkeley.
Contractor—H. McCullough & Son, 1641
Allston Way, Berkeley. \$8500

DWELLINGS
(3522) 40 44 48 52 56 60 68 76 84 72
80 88 109 Bay Farm Road, Alameda
14 1-story 5-room dwellings.
Owner—E. B. & A. L. Stone, Claus
Spreckels Bldg., San Francisco.
Architect—None. 10 at \$3300 each
8 at \$3100 each
1 at \$3500

DWELLING
(3523) 252 BEACH ROAD. 1-story 4-rm
dwelling.
Owner—E. B. & A. L. Stone, Claus
Spreckels Bldg., San Francisco.
Architect—None. \$2450

DWELLINGS
(3524) 64 68 GARDEN RD., Alameda.
Two 1-story 4-room dwellings.
Owner—E. B. & A. L. Stone, Claus
Spreckels Bldg., San Francisco.
Architect—None. \$2450 each

DWELLINGS
(3525) 59 63 ISLAND ROAD, Alameda.
Two 1-story 4-room dwellings.
Owner—E. B. & A. L. Stone, Claus
Spreckels Bldg., San Francisco.
Architect—None. \$2450 each

DWELLING
(3526) 1213 LAFAYETTE ST., Ala-
meda. 1-story 5-room dwelling.
Owner—Mason Bowen, 1733 San Jose
Ave., Alameda.
Architect—None.
Contractor—Geo. Cramer, Elmhurst,
Calif. \$3250

DWELLING
(3527) 1408 LINCOLN AVE., Alameda.
1-story 4-room dwelling.
Owner—Chas. H. Condon, 2260 Alameda
Ave., Alameda.
Architect—None. \$3200

DWELLINGS
(3528) S ARIZONA ST. 230 and 267 E
Laurel, Oakland. 2 1-story 5-room
dwellings.
Owner—Justus Norris, 524 17th St.,
Oakland.
Architect—None.
Contractor—E. Norris, 3466 Woodruff
Ave., Oakland. \$3000 each

DWELLING
(3529) S ARIZONA 223 E Maple Ave.,
Oakland. 1-story 5-room dwelling.
Owner—P. Taylor, Box 97 Fruitvale
Oakland.
Architect—None. \$3000

ALTERATIONS
(3530) 1018 BROADWAY, Oakland.
Alterations.
Owner—E. Greub, 714 21st St., Oak-
land.
Architect—None.
Contractor—J. Chester Ballard, 2623
13th Ave., Oakland. \$1000

DWELLING
(3531) NE COR. BROADWAY TER-
race and Capricorn St., Oakland. 1-
story 4-room dwelling.
Owner—Calvin Truxel, premises.
Architect—None. \$2000

DWELLING
(3532) E CHABOLYN TER. 60 S Cha-
bot Rd., Oakland. 1-story 6-room
dwelling.
Owner—Viola C. Kercher, 5694 Oak
Grove Ave., Oakland.
Architect—None.
Contractor—G. N. Kercher, 5694 Oak
Grove Ave., Oakland. \$4500

DWELLING
(3533) 2435 CHURCH ST., Oakland.
1-story 5-room dwelling.
Owner—O. Nelson, 2629 78th Ave., Oak-
land.
Architect—None. \$2600

DWELLING
(3534) 1361 EIGHTY-FIRST AVE.,
Oakland. 1-story 3-room dwelling.
Owner—A. E. Carter, 1361 81st Ave.,
Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th
St., Oakland. \$1900

STORE & WAREHOUSE
(3535) NE COR ELEVENTH & MADIS-
son, Oakland. 2-story brick and
concrete store and warehouse.
Owner—C. L. Gilson, 304 12th St., Oak-
land.
Architect—E. W. Cannon, Central Bank
Bldg., Oakland.
Contractor—Lawton & Vezey, 257 12th
St., Oakland. \$31,842

ALTERATIONS
(3536) 566 FIFTY-EIGHTH STREET,
Oakland. Alterations.
Owner—W. Kent, 566 58th St., Oakland.
Architect—None.
Contractor—L. G. Geary, 526 58th St.,
Oakland. \$3000

DWELLING
(3537) N FIFTY-EIGHTH ST. 60 E
McCall, Oakland. 1-story 5-room
dwelling.
Owner—Geo. Radke, 5725 Shattuck Ave
Oakland.
Architect—None.
Contractor—A. Hebel, 4061 Whittle Ave
Oakland. \$3400

ALTERATIONS
(3538) 1247 FIRST AVE., Oakland. Al-
terations.
Owner—Dr. F. H. Berg, 1247 1st Ave.,
Oakland.
Architect—None.
Contractor—M. Jordan, 5844 Broadway,
Oakland. \$1000

DWELLING
(3539) N MCKINLEY AVE. 50 E Ca-
pell St., Oakland. 1-story 7-room
dwelling.
Owner—Capt. F. B. Laddart, Alameda.
Architect—None.
Contractor—L. J. Davis, 37 Monte Vista
Ave., Oakland. \$6200

DWELLING
(3540) E LAUREL AVE. 50 S Sylvan
Ave., Oakland. 1-story 4-room dwlg
Owner—R. E. Dalton, 2831 Delaware St.
Oakland.
Architect—None. \$3500

DWELLING
(3541) W RONDA AVE. 200 N Pleas-
ant Valley, Oakland. 2-story 8-rm
dwelling.
Owner—Mrs. Jennie McCall Bliss, 3904
Ruby St., Oakland.
Architect—None.
Contractor—Emil Lindquist, 1358 E
28th St., Oakland. \$9000

ALTERATIONS
(3542) 512 SEVENTEENTH ST., Oak-
land. Alterations.
Owner—H. J. Horgan, 2014 Emerson St.
Berkeley.
Architect—None.
Contractor—Jas. E. Stewart, 686 Syc-
amore St., Oakland. \$1000

OFFICE BUILDING
(3543) W SIXTY-EIGHTH AVE. 100 S
Spencer St., Oakland. 2-story 8-rm
office building.
Owner—Chicago Lumber Co., Hearst
Bldg., San Francisco.
Architect—None.
Contractor—David Nordstrom, 4146
Emerald St., Oakland. \$5000

DWELLING
(3544) E SIXTY-FIFTH AVE., 200 N
Arthur, Oakland. 1-story 5-room
dwelling.
Owner—T. S. Carrico, 1460 78th Ave.,
Oakland.
Architect—None.
Contractor—S. B. Carrico \$3000

(3545) 606 E TWENTY-SECOND ST.,
Oakland. 2-story 6-room dwelling.
Owner—Mr. and Mrs. G. A. Phillips.
Architect—None.
Contractor—Sylvander Bros., 1610 Ex-
celsior Ave., Oakland. \$6000

DWELLING
NO. 1530 LOMA AVE., Berkeley.
Owner—C. E. Tolman 443 Orchard Lane
Berkeley.
Architect—W. C. Perry, 260 California
St., San Francisco.
Contractor—Trammell & Bradhoff, 483
Crescent St., Oakland. \$13,275
NOTE.—Recorded contract reported
June 19, 1924, No. 3248.

DWELLING
(3546) S 48 FT. OF LOT 11, BLK. 5,
Berkeley Square. General contract
for 2-story 6-room and basement.
Owner—Reid and Lena A. Fulkman,
791 Cabrillo, Oakland.
Architect—Hutchinson & Mills, 1214
Webster St., Oakland.
Contractor—A. Frederick Anderson,
280 Delaware St., Oakland.
Filed July 7, 1924. Dated June 28, 1924.
Frame up \$2062.50
1st coat plaster on 2062.50
Completed 2062.50
Usual 35 days 2062.50
TOTAL COST, \$8250

Bond, yes. Sureties, Nils Anderson.
Forfeit, \$2.00 per day. Limit, 90 days
after recording contract. Plans and
specifications not filed.

RESIDENCE
(3547) LOT 18, BLK. 4, Hotel Clare-
mont Tract, Berkeley. General
contract for 2-story 9-room resi-
dence.
Owner—Harry F. Hartzell, 3021 Ful-
ton St., Berkeley.
Designer—J. F. Altermatt.
Contractor—J. F. Altermatt, 1911 Wal-
nut St., Berkeley.
Filed July 5, 1924. Dated June 30, 1924.
Frame up \$4
Brown coated 4
Completed 4
Usual 35 days 4
TOTAL COST, \$9500

Bond, sureties, none. Forfeit, \$2.50
per day. Limit, 80 working days from
date. Plans and specifications filed.
NOTE—Permit reported May 19, '24,
No. 2708.

ELECTRIC, ETC.
(3548) LOT 25 AND POR. OF LOTS
21, 24, 26, 28, 29 and 30, also por.
Lot 24, Map of Madison Square,
Alameda Co. Electric wiring,
lighting fixtures, motors, switch
racks and conduit work for thea-
tre and store bldg.

Owner—Monarch Hay Press Co., San
Leandro, Calif.
Architect—A. W. Cornelius, Merchants
National Bank Bldg., S. F.
Contractor—G. Walter Spencer, 320
12th, Oakland.
Filed July 7, 1924. Dated July 5, 1924.
1st of each month, of labor and
material incorporated 75%
Usual 35 days 25%
TOTAL COST, \$5950

Bond, yes. Sureties, New Amsterdam
Casualty Co. Forfeit, none. Limit, 80
days after July 5, 1924. Plans and
specifications filed.

ALTERATIONS
(3549) NO. 1607 BANCROFT WAY,
Berkeley. Alterations.
Owner—C. S. Cramer, Premises.
Architect—None. \$1000

ALT. & ADDITION
(3550) S ALCATRAZ AVE. 200 E Do-
verd St., Oakland. Alt. & addition.
Owner—R. L. Scott, 781 Alcatraz Ave.,
Oakland.
Architect—None. \$1500

ALTERATIONS
(3551) 4037 ARDLEY, Oakland. Alter-
ations.
Owner—Mrs. John Lapp, 1725 6th Ave.,
Oakland.
Architect—None.
Contractor—Emil Lindquist, 1358 E-
28th St., Oakland. \$1800

DWELLING
(3552) S CLARENDON CRESCENT
300 E Mandan, Oakland. 1-story 6-
room dwelling.
Owner—C. H. Nor, 592 Excelsior Ave.,
Oakland.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores
Ave., Oakland. \$6500

DWELLING
(3553) S EXCELSIOR AVE. 420 E
Bruce St., Oakland. 1-story 5-room
dwelling.
Owner—J. J. Hare, 275 38th St., Oak-
land.
Architect—None.
Contractor—Chas. Howard, 1555 E 31st
St., Oakland. \$4000

DWELLING
(3554) E FIFTY-EIGHTH AVE. 200 N
Taylor, Oakland. 1-story 5-room
dwelling.
Owner—W. M. Murray 1729 Everett
Ave., Alameda.
Architect—None. \$3000

DWELLING
(3555) 5912 FREMONT & 1163 FIFTY-
ninth St., Oakland. 2 1-story 4-
room dwellings.
Owner—Ellen C. Schwartz, 1147 Marin
Ave., Albany.
Architect—None.
Contractor—J. F. White, 6680 Brann St
Oakland. \$2200 each

The San Francisco Savings and Loan Society

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(3556) E FRUITVALE AVE. 200 N Brookdale, Oakland. 1-story 8-rm. 2-family dwelling.
Owner—Harry Meyer, 3216 Brookdale Ave., Oakland.
Architect—None. \$6000

ALTERATIONS
(3557) 4515 W GROVE 150 S 46th St., Oakland. Alterations.
Owner—S. Mikvilich, 4515 Grove St., Oakland.
Architect—None. \$2500

DWELLING
(3558) N GUIDO 150 W Relto Ave., Oakland. 1-story 6-room dwelling.
Owner—H. Ferrel, 3236 Guido St., Oakland.
Architect—None. \$4000

DWELLING
(3559) S HARBOR VIEW 500 E 35th Ave., Oakland. 1-story 4-room dwlg
Owner—F. G. Oellerich, 1825 Woolsey St., Berkeley.
Architect—None. \$1600

DWELLING
(3560) 501 HARDY ST., Oakland. 1-story 5-room dwelling.
Owner—Andrew B. Gow, 5668 Ayala St., Oakland.
Architect—None. \$3000

DWELLING
(3561) S HAYES ST. 110 E 62nd Ave., Oakland. 1-story 5-room dwelling.
Owner—Kelley & Miller, 5479 Wadean Place, Oakland.
Architect—None. \$3500

DWELLING
(3562) 3468 HOLLIS ST., Oakland. 1-story 5-room dwelling.
Owner—D. Rodrigues, 3468 Hollis St., Oakland.
Architect—None. \$2500

DWELLING
(3563) S MAINE ST 100 E Peralta Ave., Oakland. 1-story 5-room dwelling.
Owner—H. C. Cameron, 5619 Dover St., Oakland.
Architect—None. \$3000

DWELLING
(3564) 606 MARIPOSA AVE., Oakland. 1-story 7-room dwelling.
Owner—E. Ellison, 645 Mariposa Ave., Oakland.
Architect—None. \$7500

DWELLING
(3565) N MESABA 325 W 62nd Ave., Oakland. 1-story 5-room dwelling.
Owner—A. C. Thurman, 3716 Harbor View Ave., Oakland.
Architect—None. \$3000

DWELLINGS
(3566) E PERALTA AVE. Cor. & 40 S Maine St., Oakland. 2 1-story 5-room dwellings.
Owner—H. C. Cameron, 5619 Dover St., Oakland.
Architect—None. \$3000 each

DWELLING
(3567) W PRESLEY WAY 50 S Chabot Rd., Oakland. 1½-story 6-room dwelling.
Owner—Frank D. Gatter 6090 Hillegas Ave., Oakland.
Architect—F. H. Slocombe, Hotel St. Mark, Oakland.
Contractor—Harold T. Paige, 5844 College Ave., Oakland. \$5000

DWELLING
(3568) E SIXTY-FOURTH AVE. 390 S Arthur St., Oakland. 1-story 5-room dwelling.
Owner—Lewis Graham, 2327 64th Ave., Oakland.
Architect—None. \$3500

DWELLING
(3569) E WHITTLE AVE. 80 S Wilbur, Oakland. 1-story 4-room dwlg.
Owner—Lester Van Ness, 3551 Wilson Ave., Oakland.
Architect—None. \$3000

EXCAVATION ETC.
(3570) NE COR FIFTY-FIRST ST. & Ehatuck Ave., Oakland. Excavation, bulkhead work, shoring etc.
Owner—Pacific Gas and Electric Co., 17th and Clay, Oakland.
Architect—None.
Contractor—J. Catucci, 1212 18th Ave., Oakland.
Filed July 8, 1924. Dated June 30, 1924

for all work required except bulkhead work etc.
Bulkheading and bracing at rate of 30¢ per sq. ft. in place.
Completed and accepted75%
Usual 35 days25%
TOTAL COST, \$3100

Bond.—Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 15 calendar days; Plans and specifications filed.

RESIDENCE
(3571) 143 ADDISON ST., Berkeley.
Owner—Frank Serpas, 1444 Nielson St., Berkeley.
Architect—None.
Contractor—O. Sairaneu, 1136 Addison St., Berkeley. \$4490

DWELLING
(3572) 2607½ ELLSWORTH ST., Berkeley. Dwelling.
Owner—L. M. Kingsbury, 2607 Ellsworth St., Berkeley.
Architect—None.
Contractor—B. M. Brown, 2510 California St., Berkeley. \$1900

DWELLING
(3573) 1207 HASKEL ST., Berkeley. Dwelling.
Owner—F. Farrico, 1202 Haskel St., Berkeley.
Architect—M. J. Corley, 4505 Grove St., Oakland.
Contractor—F. Farrico, 1202 Haskel St., Berkeley. \$3000

DWELLING
(3574) 266 KEITH AVE., Berkeley. Dwelling.
Owner—R. L. Webb, 5706 Highland Ave., Piedmont.
Architect—None. \$3500

DWELLING
(3575) 1202 OXFORD ST., Berkeley. Dwelling.
Owner—C. C. Dowling, 2417 Dowling Place, Berkeley.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. \$3850

ALTERATIONS
(3576) 2411 SEVENTH ST., Berkeley. Alterations.
Owner—Clement Cis, 2411 7th St., Berkeley.
Architect—None.
Contractor—D. Bashon, 1417 Hearst Ave., Berkeley. \$12,500

FLATS, ETC.
(3577) 3050-52-54 TELEGRAPH AVE., Berkeley. Flats, store and garage.
Owner—W. R. Scott, 2515 Ashby Ave., Berkeley.
Architect—None.
Contractor—Nick Wierk, 404 45th Ave., Berkeley. \$11,000

DWELLING
(3578) 2339-41-43-45 PRINCE ST., and 2331-33-35-37 Prince St., Berkeley. Two flat buildings.
Owner—W. R. Scott, 2515 Ashby, Berkeley.
Designer—Nick Wierk, 404 45th, Oakland. \$12,500 each.

APARTMENTS
(3579) 1714 WALNUT ST., Berkeley. Apartments.
Owner—H. Hartzell, Fielding Hotel, San Francisco.
Architect—L. T. Hyde, Oakland.
Contractor—A. Jensen, 1256 Sutter St., Oakland. \$10,000

DWELLING
(3580) S BIRCH BET. 96TH & 98TH Aves., Oakland. 1-story 4-room dwelling.
Owner—Ole Christensen, 1692 96th Ave., Oakland.
Architect—None. \$1800

DWELLING
(3581) 2822 BIRDSALL AVE., Oakland. 1-story 6-room dwelling.
Owner—Jos. R. Kaelin, 1933 5th Ave., Oakland.
Architect—None.
Contractor—Wm. Wolfe, 128 13th St., Oakland. \$4000

DWELLING
(3582) N DOWLING 90 W 84TH AVE., Oakland. 1-story 3-room dwlg.
Owner—L. S. Taylor, 1621 10th Ave., Oakland.
Architect—None.
Contractor—A. Dawson, 84th and Dowling, Oakland. \$2000

STORES
(3583) NW COR. FIFTH ST. AND Broadway, Oakland. 2-story concrete stores and offices.
Owner—C. C. Starr, 530 Broadway, Oakland.
Architect—None.
Contractor—S. G. Rankin, 712 Haddon Rd., Oakland. \$22,000

DWELLING
(3584) W FLEET RD., 100 S CREED Rd., Oakland. 1-story 6-room dwlg
Owner—B. C. Taylor, 1621 10th Ave., Oakland.
Architect—None. \$4000

BAKE OVEN
(3585) 4515 GROVE ST., Oakland. Brick bake oven.
Owner—S. Mikericich, 4515 Grove St., Oakland.
Architect—None.
Contractor—J. P. Glaser & Co., 480 Union St., S. F. \$1340

DWELLING
(3586) 2557 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwlg.
Owner—C. A. Rogers, 240 Wayne Ave., Oakland.
Architect—None.
Contractor—C. A. Rogers, 240 Wayne Ave., Oakland. \$3800

APARTMENTS
(3587) E LAKE SHORE BLVD., 308 S 1st Ave., Oakland. 3-story frame 24 room 9 apartments.
Owner—Geo. E. Burch, 1426 Franklin St., Oakland.
Architect—None.
Contractor—H. E. Knight, 1426 Franklin St., Oakland. \$31,500

GARAGE
(3588) E LAKE SHORE BLVD., 308 S 1st Ave., Oakland. 1-story garage.
Owner—Geo. E. Burch, 1426 Franklin St., Oakland.
Architect—None.
Contractor—H. E. Knight, 1426 Franklin St., Oakland. \$1000

ALTERATIONS
(3589) MILLS COLLEGE, Oakland. Alterations.
Owner—Mills College, Oakland.
Architect—None.
Contractor—David Nordstrom, 4146 Emerald St., Oakland. \$3000

DWELLING
(3590) 5330 NORMANDIE ST., Oakland. 1-story 6-room dwelling.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. \$3500

DWELLINGS
(3591) 5336, 5340, 5400, 5406 AND 5412 Normandie, Oakland. Five 1-story 5-room dwellings and garages.
Owner—K. A. Johnson, 2429 13th Ave., Oakland.
Architect—None. \$15,900

DWELLING
(3592) E OCTAVIA 200 S Allendale, Oakland. 1-story 3-room dwlg.
Owner—Mr. and Mrs. D. T. Johnston, 834 35th Ave., Oakland.
Architect—None. \$1000

DWELLING
(3593) W NINTH AVE. 40 S McIntire, Oakland. 1-story 5-room dwlg.
Owner—L. Voldiy, 3269 Galindo St., Oakland.
Architect—None. \$2000

SERVICE STATION
(3594) GORE, PERALTA AND POPLAR, Oakland. 1-story brick service station.
Owner—F. A. Morrell, 564 Crofton Ave., Oakland.
Architect—None.
Contractor—F. A. Morrell, 564 Crofton Ave., Oakland. \$1000

ADDITION
(3595) SE COR. RHODA AND HOPKINS ST., Oakland. 1-story addition.
Owner—A. E. Gracie, 2701 Hopkins St., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. \$1405

ALTERATIONS, ETC.
(3594) 2948 SEMINARY AVE., Oakland. Land. Alterations and addition.
Owner—Frank Chatel, 2948 Seminary Ave., Oakland.
Architect—None. \$2500

STORES, OFFICES
(3597) SW COR. 17TH AND WEBSTER, Oakland. 3-story 28-room cor. stores and offices.
Owner—W. G. Gilmour, — Geary St., San Francisco.
Architect—None.
Contractor—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland. \$20,000

DWELLING
(3598) E SIXTY-FIFTH AVE., 40 N Avenal Ave., Oakland. 1-story 5-room dwlg.
Owner—K. L. Hansen, 1950 E-20th St., Oakland.
Architect—None. \$3000

DWELLING
(3599) N SUNNYHILL RD., 50 W Hubbard Rd., Oakland. 2-story 6-room dwelling.
Owner—E. H. F. B. Kramer, 486 Wickson Ave., Oakland.
Architect—None.
Contractor—Cox Bros., 2121 Shattuck Ave., Berkeley. \$7000

SHOP
(3600) E THIRTEENTH AVE., 40 SE 32nd St., Oakland. 1-story shop.
Owner—W. H. Wiseman, 3136 13th Ave., Oakland.
Architect—None.
Contractor—Hanford & Atkinson, 1727 Broadway, Alameda. \$1800

ALTERATIONS
(3601) 729 WEBSTER, Oakland. Alterations.
Owner—Quong Hong Hai, 729 Webster, Oakland.
Architect—None.
Contractor—McKee, 332 8th St., Oakland. \$1500

STORE BLDG.
(3602) LOTS 13, 15-6 AND 17 AND A por. of Lot 14, Blk. 153, Kellerberger's Map of Oakland. General contract for class C store bldg.
Owner—The Bowman Drug Co., 13th and Broadway, Oakland.
Architect—Leonard H. Thomas, 1973 90th Ave., Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland.
Filed July 9, 1924. Dated July 8, 1924.
Concrete foundation completed. 15%
Walls ready for mezzanine floor joists 20%
Walls ready for roof joists 20%
Completed 20%
Usual 35 days 25%
TOTAL COST, \$25,962
Bond, yes. Sureties, C. M. MacGregor and Alice M. Scott, Forfeit, none. Limit 90 working days. Plans and specifications filed.

ALTERATIONS
(3603) 1426 FRANKLIN ST., Oakland. Heating and ventilating for alterations for office building.
Owner—East Bay Title Ins. Co., 414 13th St., Oakland.
Architect—W. H. Crim Jr., and Hamilton Murdoch, 425 Kearny St., S. F.
Contractor—Scott Co., Inc., 381 11th, Oakland.
Filed July 9, 1924. Dated June 24, 1924.
1st of each month, of labor, etc., incorporated 75%
Usual 35 days 25%
TOTAL COST, \$1923
Bond, yes. Sureties, Wm. P. Scott and H. M. Van Pelt. Forfeit, none. Limit, 90 days after recording contract. Plans and specifications filed.

(3604) PLUMBING AND SEWERS ON
above.
Contractor—Scott Co., Inc., 381 11th, Oakland.
Filed July 9, 1924. Dated June 23, 1924.
Payments same as above. TOTAL COST, \$1649.37
Bond, yes. Sureties, Wm. P. Scott and H. M. Van Pelt. Forfeit, none. Limit, 90 days after recording contract. Plans and specifications filed.
(3605) PAINTING ON ABOVE.
Contractor—Harry McManus, 51 12th, Oakland.

Filed July 9, 1924. Dated June 23, 1924.
Payments same as above.
TOTAL COST, \$1250
Bond, yes. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 90 days after recording contract. Plans and specifications filed.

(3606) SHEET METAL WORK ON
above.
Contractor—Oakland Machinery Co., 569 3rd, Oakland.
Filed July 9, 1924. Dated June 30, 1924.
Payments same as above.
TOTAL COST, \$1250
Bond, yes. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 90 days after recording contract. Plans and specifications filed.

(3607) FURRING, METAL LATH & plastering on above.
Contractor—A. J. Hillam, 351 12th, Oakland.
Filed July 9, 1924. Dated June 23, 1924.
Payments same as above.
TOTAL COST, \$5485
Bond, yes. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 90 days after recording contract. Plans and specifications filed.

(3608) ELECTRIC WIRING ON
above.
Contractor—Roberts Mfg. Co., 2270 Broadway, Oakland.
Filed July 9, 1924. Dated June 23, 1924.
Payments same as above.
TOTAL COST, \$1680
Bond, yes. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 90 days after recording contract. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
July 2, 1924—414 BOYNTON AVE., Berkeley. Maude E. Marliave to Joe A. White Not given
July 2, 1924—POR. LOTS 18 AND 17, Subdivision No. 1 of Adams Point Property. M. C. Beach to Beach & Hughes June 30, 1924
July 2, 1924—LOTS 29 AND 30, BLK. F, Map of Santa Fe Tract No. 2, Oakland. William B. Bryan and Mary C. Easton to J. J. Hauri. July 1, 1924
July 2, 1924—POR. OF PLOTS 3, 4, 12, 13, 14 AND 15, Map of the Rancho Arroyo de la Alameda. Masonic Homes of Calif. to Lawton and Vezev May 28, 1924
July 2, 1924—LOTS 49, AND LOT 50 of Lot 51, Blk. N, Map of Laurel Grove Park, Oakland. W. F. Courtney to Alex Salof June 2, 1924
July 2, 1924—2144 65TH AVE., Oakland. W. A. Croll to W. A. Croll July 2, 1924
July 2, 1924—N 45 OF THE W 89 of Lot 18, Blk. 8, Map of Resub. of a portion of the plot entitled T. M. Antisells Map of Villa Lots at Berkeley. C. C. Lewis to C. C. Lewis July 2, 1924
July 2, 1924—LOT 2 BLK. 26, Havenscourt. K. L. Hansen to K. L. Hansen July 2, 1924
July 2, 1924—E 16TH ST. Oakland. Sarah E. Dolbier to G. A. Scott June 10, 1924
July 1, 1924—MARINE WAYS, Oakland. Southern Pacific Co. to W. P. Jones June 25, 1924
July 1, 1924—OAKLAND PIER. Southern Pacific Co. to W. P. Jones June 25, 1924
July 3, 1924—1801 SPRUCE ST., Berkeley. Maria C. Anderson by J. W. Plachek, agent, to H. G. Patrick July 2, 1924
July 3, 1924—LOT 12, BLK. E, Map of E-14th St. Villa John Camanelli to W. Wolf and H. Johnson July 2, 1924
July 2, 1924—415 E-19TH ST., Oakland. E. S. Cheney to Harry C. Knight July 2, 1924
July 2, 1924—LOT 14, BLK. 17, Map of North Cragmont, Berkeley. C. F. Ahlberg to L. H. Cox. July 1, 1924
July 3, 1924—E 55 OF LOT 3, BLK. 8, College Homestead, Berkeley. Harry E. D. and Blanche M. Clarke to Frank Broadhead. June 26, 1924
July 3, 1924—LOT 1, BLK. 11, Fourth Avenue Heights, Oakland. Joseph and Jessie Ardenyi to whom it may concern July 1, 1924
July 3, 1924—LOT 1, BLK. 6, MAP of Thermal Hill, The American Bank to R. W. Littlefield. July 2, 1924
July 1, 1924—LOT 31, BLK. 13, Northbrae, Berkeley. Elliott R. Divine to E. F. Henderson. June 30, 1924
July 3, 1924—LOT 1, BLK. E, Lakeshore Hills, Oakland. Alameda Co. James Dowling to Jensen. July 3, 1924
July 3, 1924—LOT 17, BLK. 14, MAP of McGee Tract. W. J. Meyer to R. Beadell and Geo. J. Lane. July 2, 1924
July 3, 1924—COM. ADJ. PT. ON E line of Broadway, dist. 55 ft. N of 12th St., thence N 45 ft. E 100 ft. S 45 ft. W 100 ft. to pt. of beginning. The Oakland Bank by F. J. Walker Co., agent, to Fand E. Denivel. July 1, 1924
July 5, 1924—LOTS 6 AND 7, BLK. 2, Daley Scenic Park. Frances H. Herriman to whom it may concern July 5, 1924
July 5, 1924—S 60 FT. OF LOT 32, Blk. 2, Thousand Oaks Tract. Karl Fristedt to whom it may concern July 5, 1924
July 5, 1924—COM. ADJ. BELLS AVE. 100 S. of Derby St., Berkeley. A. H. Halloran to Conner & Conner July 1, 1924
July 5, 1924—2248 DERBY ST., Berkeley. E. E. Carpenter to whom it may concern July 1, 1924
July 5, 1924—3810 EVERETT AVE., Oakland. Eunice M. Derby to whom it may concern. July 5, 1924
July 5, 1924—LOT 21, MAP OF Diamond Vista Addition. O. A. Pedersen to whom it may concern. July 5, 1924
July 7, 1924—328 CHERRY AVE., Berkeley. Harry S. and Elizabeth M. Lefholz to whom it may concern July 7, 1924
July 7, 1924—LOT 5, DOWLING Homestead Tract, Oakland. Alexander W. Porter to whom it may concern July 5, 1924
July 7, 1924—BEG. ON SE LINE OF 9th Ave. dist. NE 550 ft. from NE line of E-24th St. thence N 45 ft. SE 150 ft. SW 150 ft. to point of beginning. Pearl Riley to whom it may concern. July 2, 1924
July 7, 1924—POR. LOT 9, BLK. 12, Map of Broadmoor, Alameda. Mildred A. Hannan to George B. Bellamy. July 3, 1924
July 7, 1924—POR. LOT 11, PLOT N. 11, Map of Ordian, Oakland. Geo. B. Goodrich to whom it may concern July 1, 1924
July 5, 1924—3911 CANON ST. C. Mackintosh to H. W. Campbell. July 10, 1924
July 9, 1924—1527 GRANT STREET, Berkeley. R. L. Johnson to whom it may concern June 15, 1924
July 9, 1924—2761 6TH AVE., Oakland. F. C. Duerr to F. C. Duerr July 9, 1924
July 9, 1924—465 12TH ST., Oakland. United States Realty Co. to Murch-Williams Construction Co. July 1, 1924
July 9, 1924—BEG. ON N LINE OF 15th St. dist. 100 W from 11th thence W 49-11 1/2 E 49-11 1/2 S 103-9. Arthur E. Corder to Geary Lohrman. July 10, 1924
July 9, 1924—BEG. ON N LINE OF 15th St. dist. 100 W from 11th thence W 49-11 1/2 E 49-11 1/2 S 103-9. Arthur E. Corder by J. W. Walker Co., agent, to East Bay Sheet Metal Works. June 30, 1924
July 8, 1924—NW LINE OF 5TH AVE 75 ft. from E-15th St., Oakland. Martin Mangalin to Martin Mangalin July 8, 1924
July 8, 1924—LOT 11 AND SE 12-6 of Lot 10, Blk. C, Map New Town of Lynn. Harold B. Jacobs to whom it may concern. July 1, 1924
July 8, 1924—LOT 26, BLK. 8, MAP of Iveywood Extension, Oakland. Lillian E. McCord to T. J. McCord July 8, 1924
July 8, 1924—POR. LOT 28, BLK. 1, Thousand Oaks Court, Berkeley. Clare Van de Mark to Fowler Mallett. June 30, 1924
July 8, 1924—LOT 39, BLK. E, Piedmont Heights, Oakland. Mrs. G. S. Walton to whom it may concern. June 30, 1924

July 8, 1924—LOT 4, BLK. B, Map of the Whitney Tract, Berkeley.
 Clarence H. McNeil to H. K. Schulz.
 July 8, 1924—SE COR. MIAMI AND Dwight Way, Berkeley. John Johnson to John Johnson. July 8, 1924
 July 8, 1924—E SIDE OF 337TH AVE. about 300 ft. N of Foothill Blvd., Oakland. Theo. Franz to E. J. Bold. July 3, 1924
 July 8, 1924—LOT 9, BLK. D, Lakeshore Terrace. Wm. Reid to Ephraim Field. July 1, 1924

RELEASE OF LIENS

ALAMEDA COUNTY

July 3, 1924—LOT 32, MAP OF Ardley Heights on East 33rd St., 75 W of Elliott St., Oakland. Boorman Lumber Co. to F. A. McCausland. \$718.41
 July 3, 1924—LOT 36 MAP ARDSLEY Heights, Alameda County. Archie H. Winchole to Mary E. Reid and F. A. McCausland. \$1850.00
 July 8, 1924—LOT 12, BLK. 6, MAP of Lakemont, Oakland. Fred W. Fischer vs. G. C. Estes. \$37.30
 July 8, 1924—LOT 12, BLK. 6, MAP of Lakemont, Oakland. Smith Hardware Co. vs. G. C. Estes. \$126.00.

RELEASE OF LIENS

ALAMEDA COUNTY

July 8, 1924—1460 PIEDMONT AVE., Oakland. Hogan Lumber and Mill Co. to A. Ortizow and I. Robinson. \$994.92
 July 3, 1924—LOT 1 BLK. B, MAP of Carroll Tract, Eden Tp., Sunset Lumber Co. to R. L. and Lenora E. Harris. \$409.25

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE

LOT E TWELFTH ST., bet. San Carlos and San Salvador Sts., San Jose. All work for two-story frame residence and garage.
 Owner—C. A. Frazer.
 Architect—Chas. McKenzie, Bank of San Jose Bldg., San Jose.
 Contractor—J. B. Lamb, 640 S-11th St., San Jose.
 Filed June 26, '24. Dated June 24, '24.
 Concrete foundations in and lumber on job. \$2650
 Frame erected. 2650
 1st coat plaster on inside of. 2650
 Completed and accepted. 2650
 Usual 35 days. 3558
 TOTAL COST, \$14,158
 Bond, \$7100. Sureties, W. H. Holmes & J. L. Pierce. Limit, 100 working days after filing contract. Forfeit, none. Plans and specifications filed.

SCHOOL

MIDDLEFIELD ROAD, WEBSTER, Lincoln and Addison Sts., Blk 81 Palo Alto. Iron, masonry and cast stone work as per contract for school building.
 Owner—Board of Education Palo Alto City School District, Palo Alto.
 Architect—Allison & Allison, Los Angeles and Birge M. Clarke, Palo Alto.
 Contractor—Cochrane-Boehm Co., 74 New Montgomery St., S. F.
 Filed June 26, '24. Dated June 18, '24.
 As work progresses. 75%
 Usual 35 days. 25%
 TOTAL COST, \$71,900
 Two bonds, \$35,950 each. Surety, American Indemnity Co. Limit, satisfactory progress. Forfeit, none. Plans and specifications filed.

ELECTRIC CLOCK WORK ON ABOVE Contractor—Pacific Electric Clock Co., 86 Third St., San Francisco.
 Filed June 26, '24. Dated June 18, '24.
 Payments same as above. 25%
 TOTAL COST, \$3498
 Two bonds, \$249 each. Surety, American Surety Co. of N. Y. Limit, satisfactory progress. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE Contractor—Butte Electric & Mfg. Co., 956 Folsom St., San Francisco.

Filed June 26, '24. Dated June 18, '24.
 Payments same as above. 25%
 TOTAL COST, \$4815
 Two bonds, \$2407.50 each. Surety, New Amsterdam Casualty Co. Limit, satisfactory progress. Forfeit, none. Plans and specifications filed.

PLUMBING WORK ON ABOVE.

Contractor—Turner Co., 272 Natoma St., San Francisco.
 Filed June 26, '24. Dated June 18, '24.
 Payments same as above. 25%
 TOTAL COST, \$7150
 Two bonds, \$3590 each. Surety, Fidelity & Deposit Co. of Maryland. Limit, satisfactory progress. Forfeit, none. Plans and specifications filed.

PAINTING ON ABOVE.

Contractor—A. Quindt & Sons, 374 Guerrero St., San Francisco.
 Filed June 26, '24. Dated June 18, '24.
 Payments same as above. 25%
 TOTAL COST, \$4765
 Two bonds, \$2382.50 each. Surety, New Amsterdam Casualty Co. Limit, progress satisfactory to architect. Forfeit, none. Plans and specifications filed.

TILE ROOFING ON ABOVE.

Contractor—Haddins, McLean & Co., Crocker Bldg., San Francisco.
 Filed June 26, '24. Dated June 18, '24.
 Payments same as above. 25%
 TOTAL COST, \$3725
 Two bonds, \$1862.50 each. Surety, Fidelity & Deposit Co. of Maryland. Limit progress satisfactory to architect. Forfeit, none. Plans and specifications filed.

BLACKBOARD WORK ON ABOVE.

Contractor—F. W. Wentworth & Co., 39 2nd St., San Francisco.
 Filed June 26, '24. Dated June 18, '24.
 Payments same as above. 25%
 TOTAL COST, \$2536.50
 Two bonds, \$1268.25 each. Surety, Fidelity & Casualty Co. of N. Y. Limit, progress satisfactory to architect. Forfeit, none. Plans and specifications filed.

ALL HEATING AND VENTILATING on above.

Contractor—C. Lauer, Stanford and Mayfield, Palo Alto.
 Filed June 26, '24. Dated June 25, '24.
 Payments same as above. 25%
 TOTAL COST, \$9233
 Two bonds, \$4650 each. Surety, Southern Surety Co. Limit, progress satisfactory to architect. Forfeit, none. Plans and specifications filed.

ALL HARDWARE ON ABOVE.

Contractor—San Jose Hardware Co., 62 W-San Fernando St., San Jose.
 Filed June 26, '24. Dated June 18, '24.
 Payments same as above. 25%
 TOTAL COST, \$2385
 Two bonds, \$1193 each. Surety, New Amsterdam Casualty Co. Limit, progress satisfactory to architect. Forfeit, none. Plans and specifications filed.

DWELLING

LOT 19 BLK 13, South Palo Alto. All work for two-story frame dwelling.
 Owner—Mrs. Lillian Vredenburg, 1421 Emerson St., Palo Alto.
 Architect—None.
 Contractor—C. A. White, 915 Waverly St., Palo Alto.
 Filed July 5, '24. Dated June 14, '24.
 Frame erected. 25%
 Entirely enclosed. 25%
 Completed and accepted. 25%
 Usual 35 days. 25%
 TOTAL COST, \$9459
 Bond, none. Limit, 100 days from June 14, 1924. Specifications on file.

BUNGALOW

NO. 15 ALVARADO CT., Campus Leland Stanford Junior University, Palo Alto. All work for bungalow.
 Owner—Elizabeth L. Fordyce, Stanford University, Palo Alto.
 Architect—None.
 Contractor—L. A. Bachelder, 1152 Fulton St., Palo Alto.
 Filed July 1, '24. Dated June 30, '24.
 Payments not given. 25%
 TOTAL COST, \$7316
 Bond, \$3658. Sureties, John Duffield and Grant Winner. Limit none. Forfeit, none. Plans and specifications filed.

RESIDENCE

LOTS 16 AND 22, Costello Acres Map "F", Santa Clara County. All work Owner—Oscar and Elizabeth Walbel. Architect—None.
 Contractor—The Larsen Bldg. Co.
 Filed June 23, '24. Dated June 26, '24.
 Frame up. 1465
 2nd coat plaster on. 1465
 Completed and accepted. 1465
 Usual 35 days. 1468
 TOTAL COST, \$5863
 Bond, none. Limit, Quickly as possible. Forfeit, none. Plans and specifications filed.

COTTAGE

LOT 22 Glen Uva Ranch, Saratoga. All work for one-story frame cottage and garage and maids' building.
 Owner—J. W. Pearce, San Jose.
 Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
 Contractor—P. E. Peterson, 348 Martin St., San Jose.
 Filed July 9, '24. Dated July 7, '24.
 Foundation completed. \$1583.00
 Frame up. 1583.00
 1st coat plaster on. 1583.00
 Building completed. 1583.00
 Usual 35 days. 2117.00
 TOTAL COST, \$8469.50
 Bond, \$4500. Sureties, Wm. F. Serpa and H. A. Petersen. Limit, 100 working days from July 8, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS, \$3000; First and St. John Sts., San Jose; owner, The Misses Morrissey, 310 N. Fifth St., San Jose; contractor, R. O. Summers, 17 N-First St., San Jose.
 COTTAGE, 5-room, \$3000; No. 180 Edwards Ave., San Jose; owner, Frank Russo, Premises; designer and contractor, V. Caminetti, 975 Vine St., San Jose.

ALTERATIONS, \$100; No. 26 S-Autum St., San Jose; owner, O. Bunnick, 452 W-Santa Clara St., San Jose; contractor, Geo. Lindbloom, 471 W-San Carlos St., San Jose.
 COTTAGE, 5-room, \$3000; Sixteenth St. near St. John. San Jose; owner, J. T. McCast, 37 W-San Antonio St., San Jose.

COTTAGES (2) 5-room, \$3950 each; Delmas St. near Atlanta St., San Jose; owner, L. C. Rossi, 965 S-Lincoln St., San Jose.

COTTAGE, 5-room, \$2250; Twentieth St. near San Antonio St., San Jose; owner, H. H. Hesse.

GARAGE, concrete commercial, \$28,190; Post St. near Orchard, San Jose; owner, Normanden-Campen Co., 156 W-Santa Clara St., San Jose; architect, Herman Kraus, Bank of San Jose Bldg., San Jose; contractor, Jorgensen & Cook, 193 N-Fifth St., San Jose.

COTTAGE, 4-room, \$1200; Eleventh St. near Taylor, San Jose; owner, Frank Bua, Premises.

WAREHOUSE, \$3950; San Carlos St. near Josefa, San Jose; owner, W. E. Foster, Premises; contractor, J. Rodoni, Saratoga.

RESIDENCE, two-story 9-room, \$14,000; Twelfth St. near San Carlos, San Jose; owner, Dr. I. A. Frazer, Bank of San Jose Bldg., San Jose; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose; contractor, J. B. Lamb, 640 S-11th St., San Jose
 COTTAGE, 5-room, \$2000; Ninth St. near Ector, San Jose; owner, W. C. Hatch, Premises.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded June 26, 1924—TOWN OF MOUNTAIN View, westerly line Calderon Ave. N 32° 03' E 312 ft. from pt. intersection westerly line Calderon Ave with northerly line San Francisco-San Jose Road and pt. Pastoria Rd. A. D. Rice to whom it may concern. June 25, 1924
 June 26, 1924—BEG. AT A PT. ON E line 2nd St. 45.10-12 ft. N from W line Jackson St. parallel Jackson 137 1/2 ft. Joseph C. Campisi to whom it may concern. June 26, 1924

RELEASE OF LIENS

SANTA CLARA COUNTY

June 26, 1924—LOT 13, BLK. 1, MAP Burrell Park, Blk. R of maps pgs. 13, Santa Clara Co. Rec. vs. Walter Altevogt to whom it may concern June 26, 1924

June 27, 1924—ON E SIDE OF VINE St. bet. San Carlos St. and Park Ave., City San Jose. Louise Carraigne to H. Jorgensen and F. Twoymay June 27, 1924

June 27, 1924—LOT 17, BLK. 4, Good-year Tract. Salvatore Rubino to whom it may concern June 27, 1924

June 30, 1924—S BELOMY 60 FT. W Washington W on Belomy 90 ft. S parallel Washington 66 ft. E on la Mace 90 ft. N to S line Belomy and beg. R. D. Shimer to whom it may concern June 19, 1924

June 30, 1924—BEING A PART OF lot 87 Los Coches Rancho, J. Samuel Staub to Tom Lamm June 27, 1924

Recorded	Amount
July 3, 1924—126 ACRES ON E Side Saratoga and Mt. View Road, adjoining Calabazas Creek, except 10 Acres. Wm. M. Myer to Gertrude, Mary T. Fannie, Martin & William J. Ball.....	\$1100
June 30, 1924—10.35 ACRES ON Grant Road, also Lot 17 Granger Subdivision containing 29.86 acres. John Domingo to Margaret L. Van Sandt.....	\$536.00
June 27, 1924—LOT 14, MOUNTAIN View Acres Tract. The Minton Co. to Mercantile Tr. Co. and Chas. C. Sample.....	\$447.84

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$2500; No. 1661 E-Lindsay St., Stockton; owner, J. W. Williams, 825 N-Wilson Ave., Stockton.

DWELLING and garage, \$450; No. 1116 W-Harding St., Stockton; owner, F. P. Dobson, 1041 Vernal Way, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
July 5, 1924—LOT 143 Burkett Acres Community, a subdivision in Secs. 45 and 56 of Weber Grant. Magnus H. Gren to A. O. Tyler.....	May 1, 1924

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
W 1/4 LOT 159 SAN MATEO PARK, San Mateo. All work for frame residence and garage.
Owner—Arthur D. Cadington, San Mateo.

Architect—None.
Contractor—Moody J. Henry 723 Crossway, Burlingame.

Filed June 28, 1924. Dated June 26, 1924	
1st each month.....	75%
Usual 35 days.....	25%
TOTAL COST, \$6041	

Bond, Forfeited, none; Limit, 75 working days; Plans and specifications filed.

STORE BLDG.
SE 50 FT. LOT 6 BLK 11 SAN CARLOS. All work for store bldg. and garage
Owner—J. W. Munday, 9th Ave. and Middlefield, Redwood City.
Architect—None.
Contractor—A. Payne, Oak Knoll, Redwood City.

Filed June 30, 1924. Dated June 28, 1924	
Frame up.....	25%
Brown coated.....	25%
Completed and accepted.....	25%
Usual 35 days.....	25%
TOTAL COST, \$5000	

Bond, Forfeited, none; Limit, 45 working

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BUNGALOW, \$5000; Lot 30 Blk 10 Ferrington, Burlingame; owner, Isabel Hamilton, contractor, O. L. Cavannah, 256 State St., San Mateo.

RESIDENCE, \$4500; Port Lot 1 & 2 Blk 10 Ferrington Lane, Burlingame; owner, C. S. Mitchell; contractor, C. S. Mitchell.

BUNGALOW, \$4000; Lot 25 Blk 37 Van Couver Ave., Burlingame; owner, Geo. W. Williams, 1821 Capichino, Burlingame; contractor, Geo. W. Williams.

BUNGALOW, \$4500; Lot 14 Blk 25 Cortez Ave., Burlingame; owner, J. F. Ahern, S. F.; contractor, F. Ahern.

BUNGALOW and garage, \$5400; Lot 18 Blk 9 Grang Rd., Blgme.; owner, W. C. Roberts, 575 Fulton St., San Francisco; contractor, E. C. Fowler, 325 Edgemoor, Burlingame.

DWELLING and garage, \$9000; West For 143 Dorchester and Bellvue, S. M. Park, San Mateo; owner, Mrs. E. H. Richardson, 469 Edgewood, San Mateo; contractor, Daley Bros., 105 Edgemoor Drive, Burlingame.

DWELLING \$10,000; So 100 Ft. Lot 59 Sycamore Ave., San Mateo; owner, Mrs. Reed, San Francisco; contractor, Simonds & Simonds, S. F.

ALTERATIONS, \$3000; Lot 2 Blk 2 ALBERTA, San Mateo; owner, J. A. McKormick estate, San Francisco; contractor, R. W. Hurst, 3176 Ellsworth, San Mateo.

BUILDING CONTRACTS

FRESNO COUNTY

WRECKING BLDG.
COR. FULTON AND TULARE STS., Fresno. All work for wrecking building.
Owner—Radin & Kamp, Tulare St., Fresno.
Architect—None.
Contractor—F. G. Nutting, S. F.
Filed July 1, '24. Dated June 30, '24.
Contractor to pay for materials, \$2150
TOTAL COST, \$5000
Bond, \$2500. Surety, Fidelity & Deposit Co. of Maryland. Limit, 45 days. Forfeited, none. Plans and specifications none.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
July 1, 1924—E 8 FT. LOT 12, all Lots 13 to 18 Blk 53, East Fresno Addition. Grace M. E. Church to whom it may concern.....	July 2, 1924
July 3, 1924—LOTS 15 AND 16 BLK 1, German Add., Fresno. Alexander Slater et ux to P. A. Wolff.....	June 30, 1924
July 5, 1924—LOTS 41 & 42, Whitehouse Tract, Fresno. J. Edwin Harris to whom it may concern.....	July 5, 1924

LIENS FILED

FRESNO COUNTY

Recorded	Amount
July 1, 1924—LOTS 39 AND 40 BLK 1, Dale Add., Fresno. E. McMullin, 327 H. G. Shirley, 318 vs. Henry Wagner and P. A. Wolff.....	
July 1, 1924—LOTS 15 AND 16 BLK 1, German Add., Fresno. C. E. McMullin vs. Alex. Sattler and P. A. Wolff Bldg. Co.....	\$14
July 3, 1924—LOTS 18, 19 & 20 BLK 1, Hazelton Add., Fresno. Victor J. Cox vs. Barbara Scheid and Harry Adalian.....	\$154
July 3, 1924—LOTS 15 AND 16 BLK 1, German Add., Fresno. Craycroft McKnight Brick Co vs. Alexander Sattler and P. A. Wolff.....	\$51
July 3, 1924—LOTS 39 AND 40 BLK 1, Dale Add., Fresno. Craycroft McKnight Brick Co vs. Henry Wagner and P. A. Wolff.....	\$57
July 3, 1924—LOTS 11 AND 12 BLK 1, New High School Add'n, Fresno. Rount Luther Co, \$15; Standard Planing Mill, \$278 vs. A. F. Wood...	

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
June 30, 1924—NW 1/4 OF LOT 11 Blk. 6, Chapman & Davis Tract. Sterling Lumber Co. vs. Honor M. Lanctot.....	\$265.15

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$4000; E. 44th St. bet. Barrett and Roosevelt Sts., Richmond; owner, E. O. Fisher, 547 44th St., Richmond; contractor, K. J. Henning, 345 San Pablo Ave., Richmond.

DWELLING, one-story frame, \$2500; W 33rd St. bet. Barrett and Roosevelt Sts., Richmond; owner, S. Summers, 334 1/2 Jay St., Oakland; contractor, K. J. Henning, 545 San Pablo Ave., Richmond.

DWELLING, one-story frame, \$2000; S Florida St., bet. 5th and 6th Sts., Richmond; owner, A. Navone, 127 4th St., Richmond.

DWELLING, one-story frame, \$4200; E 21st St. bet. Roosevelt and Grant Sts., Richmond; owner, M. Frates, 538 19th St., Richmond; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.

BUILDING CONTRACTS

SAN ANSELMO, MARIN COUNTY

Month of June, 1924

GARAGE, \$150; Cedar and Woodland Ave.; owner, A. Tattano.

DWELLING, \$3500; Lots 71 and 75, Ross Valley Park; owner, A. Norton.

DWELLING, \$2700; Hampton Court; owner, Crocker & Bennett.

DWELLING, \$3500; Lot 28, Tamal Park; owner, C. W. and Jean Coon.

DWELLING, \$3000; Lot 8, Carrigan Tract; owner, A. H. Seiner.

DWELLING, \$1250; Lot D, Highland Addition; owner, Jessie G. Ellis.

GARAGE, \$150; Sequoia Drive; owner, Mr. McKee.

DWELLING, \$800; Lot 24, Bk. D, Floribel Manor; owner, Mary E. Edwards.

DWELLING, \$1500; Lot 5B, Oak Tract; owner, William Kuehnleon.

ALTERATIONS and addition, present structure, \$300; Madrone Ave., portion Lot 39, Ross Valley Park; owner, G. W. Miller.

DWELLING and garage, \$4200; Lot 8, Bk. 3, Morhingside Court; owner, R. A. Carey & Doherty.

GARAGE, \$150; Belle Ave.; owner, A. H. McKnew.

GARAGE, \$250; NW cor. Scenic and Elm Aves.; owner, F. T. Perkins.

L. A. NOT "OVERBUILT" SAYS CONSTRUCTION JOURNAL

In a recent issue, the Southwest Builder and Contractor, published in Los Angeles, answers the claim of Frank C. MacDonald, president of the California State Building Trades' Council, that the city of Los Angeles is "overbuilt." The publication says: "Frank C. MacDonald, president of the State Building Trades Council, is quoted in the San Francisco newspapers as saying that 'Los Angeles has 'overbuilt' during the last year or two, and the building slump was an inevitable reaction.' There has not been a time in the last twenty years when Los Angeles was not 'overbuilt' in the opinion of some people. Even when there was the greatest demand for new buildings, predictions that the city was going too fast and assertions that there wasn't any need for all the buildings being erected, were very common. A lot of people who took in this sort of talk let wonderful opportunities slip by them, while the optimists counted their profits arising from the steady expansion and development of the city."

"It is true that for a period following the war buildings of all kinds were at a premium as a result of the shortage caused by slowing down of building during the war. Due to extraordi-

nary building activity that shortage has been relieved and the reaction has brought building back to normal. But the city is not 'overbuilt.' There are more houses to let than at any period since the war, but the percentage of vacancies is far below what is considered a normal in the average prosperous and growing city. It is necessary that building should keep ahead of the actual demand, otherwise the public would be at the mercy of landlords and expansion of the city would be hampered. If building in Los Angeles should suddenly cease, houses would be at a premium within two months. That is the extent to which the city is 'overbuilt.'"

ZINC ROOFS UNDER TEST

Tests of corrugated zinc roofing are now under way at the Bureau of Standards of the Department of Commerce for the purpose of determining the loads that can safely be carried by this material. Unlike most roofing materials zinc fails not by breaking but by bending slowly under load, the material taking a permanent set. It is therefore not considered desirable where heavy loads must be born continuously, unless it is well supported. But where the normal load is light, as it is apt to be in the tropics, zinc roofing may prove more durable than galvanized steel, as the latter fails rapidly from corrosion in such climates. The test made on the roofing consists in loading the corrugated sheet with sand, the sheet being supported on a framework representing the roof purlins. The load is left in place for a month or more and the deflection is measured each day.

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Published Every Saturday
Twenty-fourth Year No. 29

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ENGINEERING CONSTRUCTION AWARDS

Contracts awarded on large engineering construction projects, as published in the four issues of Engineering News-Record (New York), during the month of June, reached \$155,140,000 as against \$257,665,000 in the five issues of May, 1924. Awards published in the four issues of June, 1923, amounted to \$188,786,000.

The average weekly value of June lettings was \$38,785,000 as compared with \$51,533,000 for May.

Minimum costs observed in the Construction News section of Engineering News-Record on each class of construction are as follows: Waterworks and excavations, \$15,000; other public works, \$25,000; industrial construction, \$40,000; and commercial buildings, \$150,000.

The money value of contracts awarded during June was smaller than that for the month preceding in all sections of the United States except New England, which showed a gain of about a million dollars. The Middle Atlantic states fell off nearly \$27,000,000 despite the fact that large awards in New York City alone amounted to \$12,693,871 at the minimum costs just mentioned. New York awards during May of the current year totaled \$16,204,916.

Despite the general falling off in construction there were gains during June in lettings for sewers, excavations, drainage and irrigation projects and federal government work.

Although the physical volume of June construction was under that of the corresponding month in 1923 and 1922, it was also heavier than for the same period in the three preceding years.

SOUTH AMER. ENGINEERS LAUD CALIFORNIA HIGHWAYS

Highway building in California is years ahead of France and England and likewise is forging ahead of many eastern states in the opinion of Sr. Fermin Leon and Sr. Hector Vigli, highway engineers of Chile, who are in California inspecting state highways as the guest of Chairman Harvey M. Toy of the California Highway Commission and the state highway department.

The trip to the West of the two South American road builders followed a tour through a number of eastern states where they were members of a large party of engineers from the southern republics who came to the United States as the guests of the Highway Education Board. Previously, the two visitors had studied road construction in several European countries.

Following the conclusion of the eastern tour, the two Chilean engineers came to California, underspecial instructions from their government, to view the highways of this state before returning to Valparaiso.

They arrived in San Francisco July 9 where they were welcomed by Chairman Toy who gave a luncheon in their honor attended by Walter Frickstadt, regional official of the United States Bureau of Public Roads, A. E. Loder, engineer for the California State Automobile Association, Col. J. H. Skeggs, division engineer for the California Highway Commission in San Francisco, and Fred J. Grumm, assistant highway engineer and special representative of State Highway Engineer R. M. Merton. Mr. Grumm will assist Col. Skeggs and Chairman Toy in escorting the visitors over the state highway in the vicinity of San Francisco and will accompany them on a visit to Los Angeles and vicinity later.

Motoring over the Peninsula Highway which has been recently widened to forty feet, the visitors expressed surprise and admiration over the heavy type of construction adopted by the California Commission. Roads of such width are uncommon, even in the states with large populations, they declared, adding that California highways are far ahead of present road construction in France and England, two of the countries visited during their tour.

"It is a distinct compliment to California to have these distinguished road builders visit this state," said Chairman Toy, commenting upon the visit of the Chilean engineers, "and the California Highway Department is pleased to have the opportunity to show them our roads and to furnish them with all available information concerning our highway system."

"We are proud of the newer and higher standards of construction adopted by the present highway commission and state highway engineer and it is our ambition to lead the nation in road building if the people will furnish us with funds to keep the work going."

Curtailed of elevator service in the buildings of Los Angeles as a part of the power conservation program of Southern California is predicted by H. G. Butler, power superintendent for the State Railroad Commission. The second floor stop would be eliminated and, in the larger buildings a part of the cars put out of service, Butler announced.

HIGH SPEED AUTO ROADS PREDICTED BY HIGHWAY OFFICIALS

High speed motorways, fenced or walled on either side except at intervals of perhaps five miles or more, so located as to eliminate intersections and crossings at grades, safe for continuous speeds of thirty-five or forty miles an hour, perhaps more, and flanked by narrower and slower speed roads for local traffic, will form the future traffic connecting links between the larger cities.

Such is the forecast made by A. E. Loder, manager of the good roads bureau of the California State Automobile Association. In a recent talk before the annual convention of the American Society of civil Engineers.

While he admitted that such an arrangement of highways would be necessary at present in only a few parts of the country, Loder said that he believed that the time would come when such a plan will be in use, and that within the next decade highways between the larger centers of population will probably be laid out with a view to these considerations.

Looking into the future, the state automobile association's good roads manager sees the stream of traffic flowing between the larger cities at a continuous speed that is faster than the present legal limit and operating under such conditions that vehicles can follow each other more closely than would be safe on the present highways with their frequent intersections and interruptions of the stream of traffic.

These future express highways, Loder told the engineers society, will probably consist of one or more high speed motorways. Entrances into these motorways will be limited to every five or ten miles where grade separations and wide turnouts and inlets will permit traffic to leave or enter the motorway without interfering with rapidly moving traffic. Grade separations will be provided wherever transroads must cross and the necessity for left hand turns will be eliminated.

The high speed motorway would be located upon land owned in fee by the state and safeguarded under future legislation so that it may perform its function of serving the greatest possible number of people in the most efficient manner. On both side, the high speed roadway would be flanked with narrower but continuous local roads to which the abutting property will have free and unhindered access as at present.

With such a layout local traffic would be fully protected from high speed traffic and the high speed traffic will not be interfered with by local and slow traffic. Local traffic would follow the parallel local roadways until the first intersections, where if it desired, it could enter the high speed motorway.

Loder said that future legislation would probably be devised whereby the highways can be under complete ownership and control of the state instead of being merely an easement over property which now exercises the right of erecting as many dangerous intersections and frontage obstructions as devise.

Do you know that there are 15,201,000 telephones in the United States and 15,221,183 automobiles? In 1920 there were 2,000,000 more telephones than automobiles.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Still further building material price reduction and a revival of warehouse and allied construction loom large as last-half-of-the-year prospects, writes Allen E. Beals in the current Dow Service Daily Building Reports, New York. Many of the factors operating to invigorate the latter affect the former. Housing developed the pre-eminent building investment program at the close of the great war. From the 1919-20 construction season to 1922-23 that type of construction drew the bulk of the nation's building funds. But if the first half of 1924 showed that there was a tendency to shift the last half is calculated to accelerate the drift toward the increasing dominance of commercial building. For nearly five years the national construction tide has flowed unturned in the direction of domestic housing needs. Industrial construction has not participated in this boom to the same extent because America's industrial expansion has been absorbing the vast volume of manufacturing space added to existing mills during the late national emergency.

Allan Rae, a building contractor of 447 Lewis avenue, San Leandro, has petitioned the United States District Court to be adjudged a voluntary bankrupt. He scheduled his liabilities at \$38,406.38, with assets of \$200. The principal creditor, said the petition, is Ernest Schmitz of Fresno, to whom \$25,000 is owing on a court judgment. A creditor's petition asking that the Dowd Sales Company of this city be declared an involuntary bankrupt, also was filed in the Federal Court. The petitioning creditors were William Aeschbach, the Illinois-Pacific Glass Company and Arthur G. Goff.

Through the appeals made by the Spring Valley Water Company for consumers to conserve the supply in view of the present shortage, water consumption in the city showed a reduction for June of 700,000 gallons daily compared with May, according to O. E. Clemens, manager of the water sales department.

The Japanese government has addressed a communication to the Mexican Federation of Chambers of Commerce requesting to be placed in touch with the Mexican producers for the purpose of placing orders for raw materials previously purchased in the United States.

Unfilled orders on the books of the United States Steel Corporation as per June 30, totalled 3,262,205 tons, a decrease of 365,584 tons from the May 31 total. On April 30 the total was 4,082,447 tons; on March 31, 4,732,807 and on June 30, 1923, it was 6,386,261 tons.

The Sutter county supervisors have ordered plans prepared for the causeway to connect with the west approach to the new bridge at Nicolaus on the Garden Highway between Yuba City and Sacramento. The improvement will cost approximately \$180,000.

Wm. H. Phipps, 68, wealthy lumberman, died in Hudson, Wis., July 14. Phipps owned extensive lumber interests on the Pacific Coast, according to reports.

Lumber exports from the port of Vancouver, B. C., amounted to 164,000,000 feet during the first four months of the current year.

The Wendover cut-off will be thrown open to motorists about September 1, according to Frederick H. Meyer, chairman of the highway committee of the San Francisco Chamber of Commerce and president of the Utah-Nevada-California Highway Association. The fact that the cut-off will be ready for travel this year is entirely due to the efforts of Mr. Meyer, George S. Forderer, vice president of the Chamber, and others who raised \$50,000 in San Francisco and Northern California with which to construct the cut-off. The Wendover cut-off is the only direct highway for motorists from Salt Lake City to San Francisco and it will lessen the distance by approximately 500 miles. Travel from the East in the past has had to go way south or take the northern route to avoid the salt desert of Utah, the road through which is impassable most of the time.

General practical co-operation of big corporations with the Forest Service Department of Agriculture in preventing forest fires was inaugurated by the Shell Company of California, which has started work on repainting its twelve-foot yellow-and-red dial signs, on highways all along the Pacific Coast, with posters urging motorists to help prevent fires. Every Shell station has been made an auxiliary of the Forest Service, to report incipient fires immediately where it is more convenient to reach a Shell station than a forest ranger.

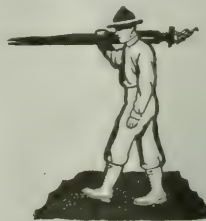
In furtherance of its efforts to afford prompt relief, where possible, to water consumers who are subjected to inconvenience or threatened loss by reason of the prevailing drought, conditions the State Railroad Commission has appointed E. H. Harroun, a hydraulic engineer, as advisory engineer in water matters. Mr. Harroun will be dispatched to the scene wherever his services are necessary to adjust differences between public utility water companies and consumers, or to develop the utilities in the matter of developing their full resources, and in apportioning their available supply where a shortage to certain consumers is threatened.

Los Angeles harbor commission, in a policy of retrenchment, has abolished the positions of superintendent of the Municipal Terminal railway held by George Southwick, assistant harbor engineer, held by E. W. Merwin, assistant engineer, held by John Gower, Burt Edwards, chief accountant, will assume also the duties of controller, formerly held by J. H. Woods. John C. Shaw has been appointed assistant harbor engineer.

Wyoming and Colorado Short Line Railroad Company has applied to Interstate Commerce Commission for authority to construct a 380-mile line from Casper, Wyo., southwest, to the Colorado-Utah state line. The new line would traverse an unserved cattle territory, oil and gas sections, iron and coal fields and a lumber region.

Los Angeles is credited with one-twentieth of all the building operations in the United States during 1923 in a statement issued by the Los Angeles Chamber of Commerce. Reports from other cities in southern California showed similar record-breaking building activities.

ALONG THE LINE



California State Highway Commission announces the promotion of J. C. McLeod and H. S. Comly to the position of division engineer. Both men have been acting division engineers for several months, McLeod being in charge of Division 10 with headquarters in Sacramento and Comly heading Division 2 with headquarters at Dunsmuir, Siskiyou county. Promotions followed a civil service examination in which both engineers attained a grade entitling them to hold the position of division engineer.

H. C. Bottorff, city manager of Sacramento, by resolution of the City Commissioners, has been directed to submit complete report of the physical condition of the city filtration plant and a separate report showing all expenditures and disbursements in connection with the plant. This action was taken in compliance with a demand by a group of the city commissioners, led by A. E. Goddard, that the council heed "the rumbling of discontent among the people of Sacramento with the condition of the filtration plant."

Harold C. Cloudman of Berkeley announces his candidacy for the nomination of assemblyman from the Fortieth District. Cloudman is an engineer and for the past five years was with the U. S. Geological Survey as chief of the field division in the classification of lands in the water Resources Branch. During the world war he served as captain in the Engineers' Division of the Army.

Grover L. Walters has been appointed building inspector of Fullerton and will assume the duties also of electrical and plumbing inspector, succeeding E. S. Richmond, building inspector, and J. S. Falvey, electrical and plumbing inspector, resigned. Mr. Walters was for three years connected with the city engineering department.

Gustav Lindenthal, internationally known bridge engineer of New York is in San Francisco to make a survey for the proposed bridge from Hunters' Point to the projected naval base at Alameda. Eastern capitalists are said to be willing to put \$25,000,000 into the project.

B. G. Lammé, chief engineer of the Westinghouse Electric & Manufacturing Company, internationally known authority and inventor, died in Pittsburgh, Pa., recently. His brother William E. Lammé, is a San Francisco electrical engineer.

C. E. Grunsky, San Francisco engineer, has been relieved of his position as chief engineer on the Vallejo municipal water project in Gordon Valley.

Petitions have been presented to the Alameda City Council asking the appointment of an industrial expert as an assistant to the city manager.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ILLINOIS BUILDING CONTRACTORS ADOPT CODE OF ETHICS

The Associated Building Contractors of Illinois at a recent district convention adopted the following "Code of Ethics":

"The Builder considers his vocation worthy of respect and adulation as affording him distinct opportunity to serve society.

"The Builder desires to improve himself, increase his efficiency and enlarge his service, and by so doing, he expects to profit through and by such service.

"The Builder realizes that he is a business man and ambitious to succeed, but that, first he must be ethical and wish no success that is not founded on justice and morality.

"The Builder holds that he must exchange his product, his labor, his service and his ideas for profit. He wants that profit to be legitimate and ethical and desires all parties in the exchange benefited.

"The Builder wants to be an example to his brother builders and uses his best efforts to elevate the standards of his vocation, and conduct his affairs that, others may find it wise, profitable and conducive to happiness.

"The Builder wants to conduct his business so as to render perfect service, superior to his competitors, and, when in doubt, give service beyond the strict measure of obligation.

"The Builder believes in the Golden Rule: All things, whatsoever ye would that men should do unto you, do ye even so unto them."

"The Builder contends that, society best holds together, when equal opportunity is accorded all men."

L. A. BUILDERS BANQUET

About 350 members attended the annual banquet and installation of officers of the Los Angeles Builders' Exchange, July 1. James C. Hanley was toastmaster. Edward Elliott, vice-president of the Security Trust & Savings Bank, in charge of its research and education department, was the principal speaker, his subject being "The Banker's Relation to Building." Mr. Elliott was formerly professor at Princeton University.

Other speakers were: Godfrey Edwards of Edwards, Wilsey & Dixon Co., newly elected president of the Exchange; J. H. Bann, county supervisor, who outlined plans for the Los Angeles civic center; J. A. McNaughton, general manager of the Los Angeles Union Stockyards; Emil Brown, second vice-president of the Exchange, and Paul F. Langworthy, the new secretary of the organization.

ELECTRIC MEN MEET

The commercial advantages of artificial illumination were discussed at the regular monthly meeting of the Sacramento Valley Electrical Association held in the Hotel Land, Sacramento, July 9. R. S. Prussio, of the Westinghouse Lamp division, was the principal speaker of the evening. The entertainment, which consisted of music by an orchestra and a humorous lecture by Ellis Purlee, was under the direction of the Sacramento division of the association.

BUILDERS INSTALL OFFICERS

Contra Costa County Builders' Exchange, with headquarters in Richmond, at the July 11 meeting, installed the following officers: P. M. Sanford, president; E. H. Higgins, vice-president; J. L. Eakle, second vice-president; James Walker, treasurer; E. A. Marshall, secretary. The new directors are P. M. Sanford, E. H. Higgins, A. P. Hill, E. A. Marshall, James Walker, J. L. Eakle, W. Snelgrove.

S. F. EXCHANGE VISITOR

William Darby of San Diego, first vice-president of the California Material Dealers' Association, was a recent visitor on the floor of San Francisco Builders' Exchange.

Mr. Darby was very much pleased with the system on which the exchange is operated and expressed considerable surprise on the amount of business transacted by the members on the exchange floor.

Mr. Darby is president of the William Darby Company of San Diego, wholesale and retail dealers of building material specialties. He reports conditions good in the southern section and forecasts a healthy construction year for the entire state.

LOS ANGELES WAGE SCALES

According to the Builders' Exchange Bulletin of Los Angeles, from information supplied by Hummel Bros., labor agents of that city, the going wages for the following classes of skilled and unskilled labor, as of June 25th, in Los Angeles, follow:

Carpenter, foreman, day..	\$ 9.00-\$11.00
Carpenter, finish, day....	7.00 8.00
Carpenters, rough, day....	5.00 6.00
Plasterers, per day.....	10.00 12.00
Brick layers, per day.....	10.00
Hod carriers, per day.....	8.00
Mortar mixers, per day....	5.00
Cement finishers, per day..	8.00 9.00
Hoist engineers, per day.....	6.00
Plumbers, per day.....	8.00 9.00
Roofers, per day.....	7.00
Concrete mixer engrs.....	5.00 6.00
Painters, per day.....	5.00 7.00
Reinforced steel men.....	6.00 7.00
Structural steel workers....	7.00
Floor scrapers, per sq. yd. 28c	
to 35c, per day.....	8.00 10.00
Hardwood floor layers, per sq. yd., 28c to 35c, per day	8.00 10.00
Shiners, per M.....	5.00
Slungiers, per M.....	5.00
Truck drivers, Fords.....	4.00 5.00
Truck drivers, large trucks	4.00 6.00
Carpenters' helpers, per day....	4.00
Laborers, concrete, per day....	4.00
Laborers, common, per day....	4.00

At present the supply of the above mentioned classes of labor exceeds the demand.

ELECTRICAL INSPECTORS TO CON-VENE AT LONG BEACH

The California Association of Electrical Inspectors will meet at Long Beach on July 28th and 29th. The purpose of this meeting is to adopt uniform requirements, interpretations of the different rules of the Board of Underwriters and the Industrial Accident Commission relating to electrical inspections and installations in the state. The new code recently promulgated will be discussed with a view to harmonizing its interpretation throughout the state.

MAX E. COOK REPRESENTING REDWOOD ASS'N IN L. A.

The California Redwood Association announces the appointment of Max E. Cook as their representative in Southern California, with offices in the Metropolitan Building, Los Angeles.

Mr. Cook has had fourteen years experience as an architect in Northern California.

In the past four years over 1200 farm and administration buildings have been built, under supervision of Max E. Cook, for six years Farmstead Engineer, in charge of all building work for the State Land Settlement Board, on the 9000 acre State Land Colony seven miles south of Turlock in the San Joaquin Valley.

Under the State Land Settlement Act the Delhi settlers were in most instances loaned 60 per cent of the value of their buildings on a twenty year term. This policy made it imperative for the best interests of the settlers as well as for the protection of the state, to adopt certain safe standards of construction. One of the outstanding features of the building program at Delhi in this connection was the almost universal use of Redwood for siding the many homes and outbuildings, the use of redwood boards for barns, etc., and T. & G. redwood ceiling on the walls of the modern draft tight poultry houses, which, if built end to end would extend over a mile in length and where one-half million feet of this material alone was used.

From the very outset Redwood was selected as the most satisfactory material to withstand the rigors of climate in the valley and conditions to be met on the farm.

Quoting Mr. Cook on this subject "Farm Buildings, more than others, suffer from lack of adequate paint. At Delhi we found it necessary to refuse a loan on an unpainted building, but recognizing the difficulty of keeping farm buildings properly painted at all times, we adopted Redwood as a standard construction for all sills, underpinning, siding, barn boards and exposed finish. I know no wood that can withstand lack of paint and hold up better otherwise under adverse conditions, on the farm, nor that is more truly economical for such use, than Redwood."

Mr. Cook's major work in the Southern California District will consist of consulting architects and contractors in the interests of Redwood.

LUMBERMEN TO MEET

The midsummer meeting of the National-American Wholesale Lumber Association to be held at Portland, Ore., July 30 will be largely attended by the western membership and a number of eastern officers and members will be on hand. This meeting provides opportunity for consideration of problems especially affecting the north coast membership and their relation to organization activities at large. R. A. Dailey, manager of the association's north coast office, has visited Portland and made plans for the meeting program, etc., and a number of subjects, including transportation as it affects intercoastal business, credits, arbitration, cost of doing business, uniform order blank, etc., will be discussed.

The meeting will be held at the Benson Hotel, starting with a luncheon on Tuesday, July 30.

Question—What Kind of A Town Would You Like to Live In?

BY JOHN HILDER, MANAGER, CIVIC DEPARTMENT, CHAMBER OF COMMERCE OF THE UNITED STATES

The excellence of a town depends so much upon the ability and the spirit of its people that these make quite upset any comparative rating based upon actual tangible accomplishment, though, of course, with ability and the right spirit the people of any given community are bound to secure a lot of accomplishments.

The trouble is that we have to mark them on what they have done to date and can not take into account what may be the fact, that they have been overcoming some great natural handicap which absorbed most of their energy without showing much positive result, or, what again may be a fact, that they have only recently learned how to work together effectively. In either case the marks given their town are likely to be low, and yet, because of the spirit they have developed, the things they are now doing, the accomplishments they are sure to have to their credit in the near future, they may have a town that we would find it very inspiring to live in. For it is where men are now achieving, not where they have achieved and are now sitting back regarding the past, that we would want to live.

On the other hand, there is no limit to achievement except the limit imposed by our personal limitations. So where we find a community that has done a lot and is still going ahead with the same vision and enthusiasm and energy to fresh achievement, there we probably shall find the people with whom life would be best worth living.

I assume that the existence of a town or city depends upon business. The first test of community excellence therefore is, What kind of a place is it for business? And the answer to this question goes a long way toward answering the other important question, "Is it the kind of a town we—you and I—would like to live in?" For, I also assume that we must earn the living we are going to live.

Having assured ourselves of the excellence of our town from the essential point of its providing us with a living, the next question is, what does it provide beyond mere living. For essential as we feel that mere living is, that alone will not satisfy us; much less will it make others who are already making a living elsewhere look upon our town with desire.

Some day the hard-boiled man wakes up to find that his associates who have made their pile, have moved to some other place to spend it, and the fellow who is irked by the sight of oil, realness that he exists. As these two scold each other the audience begins to wake up to the fact that business is the basis of most of what makes life worth living, beauty, art, music; comfortable homes, a gracious social life; all these come from the profits of business. And at the same time it wakes up to the complementary fact that business is not an end in itself, but is a means to an end, "that we may live more abundantly."

So we begin to understand that while business is the first essential to our town, it is not the whole town, and consequently instead of spoiling the rest of the town it must make the rest of the town a better place to live in. I am therefore going to suggest an enlargement of our first test:

"While the existence of a town or city depends upon business, that ex-

istence is not justified unless the profits of business make life in that town constantly more and more worth living."

Assuming that we are agreed upon this double-barreled proposition, we shall proceed by defining a series of excellences by which to measure our town.

First Item—My first item in grading our town is to assume that it has a variety of industries none of which are mutually harmful. A blast furnace and a silk mill, for example, do not make ideal neighbors.

Second Item—The industries of our town should be those for which the town offers peculiar advantages.

Third Item—Commerce—This is put third instead of first because in spite of historical development, commerce has come to depend, especially in retail business, somewhat on industry.

Fourth Item—"Has our town a plan which will guide its future growth, and regulations which will prevent shortsighted and greedy individuals from handicapping business and spoiling those things upon which we spend the profits of business."

Fifth Item—Does our town have good housing?

Sixth Item—Education—Does our town provide enough schools for all its children and are all its schools good?

Other Items—Recreation—Public—outdoor, playgrounds, parks, etc.—indoor, music, etc.

Commercial—bowling alleys, pool rooms, movies, theatres, music, etc.

Public Health—Site of the city, natural drainage, water supply, sewage, waste disposal, health department.

Security—Fire, Police—courts—jails.

Neatness and Repair—Public and semi-public buildings—railway station, streets and public places, private buildings.

The condition of these indicates whether our town has or has not community spirit, alertness, self respect.

Taxes and bonded indebtedness if too high indicate slackness in administration or worse, indifferent citizenship, lack of results from expenditures. If too low indicate an indifferent citizenship and lack of civic pride. Municipal expenditures should be investments which in large measure produce financial results of facilitating business and raising values. Some, like expenditures on schools, are investments in the future.

Expenditures for present improvements, like street paving, should be entirely completed, bonds paid up, during the life of the improvement.

If city has a debt incurred to meet current expenses or to pay for improvements which are now used up it indicates a low standard of citizenship.

Beauty—Beauty like happiness is best when secured as a by-product. An ugly thing is not made beautiful by putting a useless ornament on it. Real satisfaction comes from having the things we use every day beautiful. And they will be beautiful if they fully meet the needs of use. The present day automobile is becoming a thing of beauty, but the man who considers it that it shall be useful. Our town will be beautiful when we give enough thought to our buildings and to our streets to make them fully efficient. The trouble now is that they are half baked, lick and a promise jobs.

Individuality—Our town should have individuality, not be a copy of some

other place. If it has a good tradition in architecture, follow that tradition, don't build an imitation New York hotel in Charleston. Make use of natural beauties—river, valley, hills, etc. They are never quite the same as those in other towns. Use local names for your streets so that they will recall your history or make those who repeat them think of your town. When one says Fifth Avenue he probably thinks of New York, but there are a hundred other fifth avenues. When one says Peachtree Street he does not have to add Atlanta.

City Government—We won't try to set up a score for the government but will assume that under our democratic system, if the community stands well on the other items listed then it must have a fairly good government because it has a good citizenship.

Citizenship—Of course we have all begun to realize by this time that there is no way of getting a good government without have a good, active citizenship. Perpetual motion is as much a dream in civic affairs as it is in mechanics. But an active, effective citizenship means effort, constructive effort. So our town has its quota of civic and social agencies which afford opportunity for citizens to choose the subjects in which they are most interested, study them, experiment with them, and then, on the basis of knowledge, put them over. So we have a live chamber of commerce to present the business man's point of view on community problems and we have philanthropic agencies to deal with our social problems.

The Spirit of the People—If there is any one thing that makes us want to live in a town it is the spirit of the people. I put this last because it is an intangible and we Americans want something we can get a grip on. But this intangible is so important that it can't be left out. Any one of you who has lived among strangers for awhile knows the joy of aging being among his own people. And our own people are those who are friendly, helpful, willing to get in and push. That spirit is not natural always, but it can be cultivated. And where that spirit is there is also a good town, the kind of town we would like to live in.

NAIL ROOFING MACHINE

A new nailing machine that was designed for roofing work, that feeds nails to the hammer as fast as they can be driven, and that eliminates holding the nail with the fingers, recently was announced by the Pearson Manufacturing Company, Robbinsdale, Minnesota.

The frame of the machine is made of malleable iron, with a galvanized iron nail box. The feeders and the nail catch are made of steel, with steel wire springs. Almost all sizes of roofing nails may be used in this device, with a maximum nail length of 1½ inches as a possibility. The machine is adjustable for any length of nail up to this limit.

When the nail is driven, the device is pulled back. This causes the nail catch to spring into place, and to feed out another nail, ready for the next blow. The nailer is provided with three convenient holding places. The heaviest gloves may be worn by the roofer. The manufacturers also make shingle nailers and hand tackers that are similar to the roofing nailer.

ENGINEERING PROFESSION UNDER-PAID SAYS JOURNAL

Bureau scientists in Washington, conspicuous examples of the faithful public servant, work for salaries that a self-respecting plasterer would call cigarette money. Research men in laboratories of great corporations fare better, but by no means well. Engineering experts in dozen fields, well-equipped specialists, are often so ill-rewarded that they find it hard to live in modest comfort.

These conditions are beginning to produce the inevitable result. Educators who are trying to assist young men in their selection of a career are telling the truth about the engineering profession and are comparing them unfavorably with other field of activity. Engineers themselves are equally frank when advising their young friends. Clear-thinking, well-trained young men are too precious an asset to put into blind-industry jobs.

Scouts from the great industrial corporations each Spring look over the graduating classes of our technical schools with a view to engaging promising students. Of late they have been complaining of the insufficiency of the material at their disposal. In some instances they have been frankly told that they want too much for what they are willing to pay and that they cannot hope to find their needs fully supplied until they are prepared to pay a fair price for the costly and hard-won mental equipment whose benefits they desire.

From colonial times our people have had a genius for mechanics, invention and applied science. It would be a national calamity if we should be so short-sighted as to starve out this priceless talent. If there is any one thing about our social evolution that is certain, it is our growing dependence upon science to solve the problems of peace and war and every-day life. To weaken by neglect or indifference those powers upon which our future existence may depend would be sheer folly.—Saturday Evening Post.

NEW CORK MACHINE BASE

A cork machine base material newly introduced from Europe, where it has been used successfully to insulate floors against the vibration of machinery, now is produced by the Korfund Company, 11 Waverly Place, New York City. This material is assembled in the form of machine bases of desired dimensions, and consists of blocks of cork, cut from the bark, 1 9/16 inches thick, held rigidly in wrought iron frames. The frames are cross-braced in both directions, but the resiliency of the natural cork practically closes all joints, and affords an almost continuous surface.

The cork is impregnated with a preservative. The machine is bolted to a wooden or concrete base, which in turn is placed upon this cork base, which completely isolates the machine from the floor, as no bolts pass through the cork base.

MOISTURE ABSORPTION OF TERRA COTTA

The U. S. Bureau of Standards recently made some tests to determine whether the percentage of absorption of a small specimen of terra cotta could be taken as representative of the absorption of the remaining sections of the piece. One coping block from each of four commercial companies was sawed into 18 sections and an absorption test made on each section. It was found that in a large terra cotta block the percentage absorption may vary 2 per cent. Balusters corresponding to the copings have been sawed in half and will also be tested for absorption.

"Separate Contract System" is Rapped by Government Agency

High interest for the entire construction industry is held in the fact that a government agency has refused to accept the theory that economy is promoted through the "separate contract system" under which individual agreements would be made between owners and those handling distinct installations such as plumbing, heating equipment, electrical fixtures and wiring.

The Interdepartmental Board of Contracts and Adjustments, an agency created by General Dawes while he was head of the Bureau of the Budget has adopted a resolution which has the effect of refusing to abolish the general contract system from federal construction operations. This resolution was adopted by the board in answer to the request for adoption of the separate contracts procedure made by a joint committee of the National Association of Master Plumbers, the Heating and Piping Contractors' National Association and the Association of Electrigists-International.

The claims made by this committee in favor of the separate contracts system were replied to in a brief filed with the board by the Associated General Contractors of America, it being through this brief that a firm case for the joint contract system was established.

The board's decision acquires an added importance, it is pointed out, because of the effect which it will carry into the field of construction work other than that carried on by the government.

The text of the resolution, pointed to as emphasizing the necessity for general contractors' services in building operations, follows:

"WHEREAS a joint committee of the National Association of Master Plumbers and the Heating and Piping Contractors' National Association and the Association of Electrigists-International, has requested the Interdepartmental Board of Contracts and Adjustments to take such action as will require the various departments and independent establishments of the Government, in connection with the performance of public works, to advertise separately, and contract separately, for the portions of the work which pertain to their respective specialties; and

"WHEREAS this board has taken this question under careful advisement and has heard the arguments of the above-mentioned associations; of the representatives of the various departments and independent establishments of the Government; and of numerous general contractors; and

"WHEREAS in view of the evidence produced, taken together with the experience of competent government officials familiar with construction work, the board believes that the granting of this request of the associations above-mentioned would—

"(a) Unduly restrict the freedom of action of the heads of departments;

"(b) Be of doubtful value from the standpoint of actual economy in many, if not in the majority, cases;

"(c) Result in placing responsibilities and duties upon supervising government officials which they are not always in a position to satisfactorily perform;

"(d) Take away from the Government any advantage which it might otherwise secure from the utilization of a general contractors' organization and powers of properly timing and coordinating the various parts of the work; and

"(e) Tend to delay the performance, give rise to claims for delays of one contractor by another, and create difficulties which are largely avoided when the work is performed under one contract. Therefore be it

"Resolved, That it is the opinion of the board that it is to the interest of the United States that no action be taken which would place any restriction upon the authority of the heads of departments or independent establishments to exercise discretion as to the manner of awarding contracts or subdividing the work to be done; be it further

"Resolved, That the question of the advisability of sub-dividing contracts in specific cases be called to the attention of contracting offices in the manual of instructions now being prepared by the board.

F. L. Cranford, Brooklyn, N. Y., President of The Associated General Contractors of America, commenting upon adoption of the resolution, said:

It is almost axiomatic that states, cities and counties should turn to the Federal Government in determining their practices with respect to contract forms and practices. In construction certainly if the Federal Government could establish fundamental laws and under these laws acceptable standard contracts and practices, in due course of time the way could be appointed for other governmental agencies to do likewise.

If we assume that there had been no national organization of general contractors to present the matter of separate contracts for mechanical equipment of buildings is it not conceivable that the Joint Committee of Master Plumbers, heating and piping contractors and electrical contractors would have fastened on the Federal Government a practice which some of the states, unfortunately, have written into their laws? Should this practice become general in all of our governmental agencies, is it not logical to assume that other sub-trades would follow in its wake and gradually the business of general contracting be legislated out of existence? Is it not plain that the general contractors who work far from the metropolitan centers and in small towns, or even in the country, are vitally affected by such procedure as this?

NATIONAL FOREST HIGHWAYS TO BE BUILT IN ARIZONA

Expenditures totaling \$293,559 of forest highway funds for the construction of 136 miles of roads within or adjacent to the National Forests of Arizona have just been authorized by the Secretary of Agriculture, according to an announcement from the Forest Service, United States Department of Agriculture.

One of the projects calls for the completion of 86 miles in the Clifton-Springerville section of the Apache

National Forest. The sum of \$73,000 has been allotted to this work.

Between Flagstaff and the east boundary of the Coconino National Forest over 23 miles will be built, for which \$109,331 has been set aside. This road forms an important link in the State highway system.

The sum of \$30,000 has been allotted to build eight miles along the Grand Canyon highway within the Kaibab National Forest, beginning at the town of Fredonia. Another item is for \$31,223 to complete 18 miles of the Prescott White Spar road in the Prescott National Forest.

TRADE NOTES

The East Belt Granite Company, operating a plant at Sonora, Calif., has elected the following directors: J. L. Gibbs of Tuolumne, W. E. Booker of Jamestown, A. Bocci of San Francisco, D. J. Jacobs of Sonora and John Sasek of Jamestown. Officers elected to serve for the ensuing year are: J. L. Gibbs, president; W. E. Booker, vice-president; John Sasek, secretary and treasurer. A. Bocci will be in charge of plant operations.

Early construction of a \$500,000 plant in San Francisco for the manufacture of varnish is contemplated by the Bass-Hueter Paint Company, according to an announcement of L. M. DuCommun, general manager of the company. A 3-acre site has already been purchased in the vicinity of Army and Kansas streets. The new plant is made necessary by the rapid increase in business throughout the Pacific Coast region, South America and Hawaiian Islands.

To stimulate a greater understanding and co-operation between the various yards and departments of the Union Lumber Company, with yards and offices at Taft, Delano, McFarland and Bakersfield, S. T. Scofield, general manager of the company, has arranged a series of monthly luncheons, the first of which was held in Bakersfield July 10.

Shaw-Bertram Lumber Company of Klamath Falls, Ore., has purchased 50-acre site about 3 miles from Klamath Falls and plans early construction of a box factory with a daily capacity of 150,000 board feet. Six cut-off saws will be installed. J. R. Shaw, manager of the company, announces.

Standard Staff & Stone Co. announces it has bought all the assets of The Plastique Arts, Inc., formerly at 1028 W. First St., and has moved them to its new building, 227 S. Alvarado St., Los Angeles.

Jerome C. Amundsen and Garland W. Boggan have formed a partnership and will operate under the trade name of "Aetna Hardwood Floor Company" with headquarters at 1282 California street, San Francisco.

New box plant of the California Door Company, built to replace structure recently destroyed by fire, is now in operation at Diamond Springs, El Dorado County.

Fisher-Glassford Hardware Co., in business in Fresno for more than twenty years, has opened new and larger quarters at 1024 Fulton street, Fresno.

Planing mill of J. W. Walker at Klamath Falls, Ore., was destroyed by fire July 9. Plant loss is estimated at \$20,000 and stocks at \$30,000.

Basche Sage Hardware Company of Baker, Ore., suffers \$200,000 fire loss, July 13. Insurance totaling \$150,000 was carried on the stock and plant.

Plant of the Basalt Rock Company near Napa will be in operation August 1, it is announced. The plant was established at a cost of \$150,000.

Jas. Harris and W. A. Cassin will shortly open the Reliable Fire Retardment Paint Company at 1800 Nevins Ave., Richmond.

Pacific Gas Appliance Company has opened its new warehouse and shop building at Nineteenth and Market Sts., Oakland. H. S. Harris is president of the company.

Federal Aid Funds Apportioned

Provision for Federal aid for the fiscal year 1925 which begins on July 1, is made in the Agricultural Appropriation Bill signed by the President on June 5. The bill authorizes the Secretary of Agriculture to apportion to the States immediately the \$75,000,000 authorized by the Post Office Appropriation Act of June 19, 1922, and appropriate \$13,000,000 to be immediately available, the remainder to be made available in later appropriations. The Secretary signed the apportionment order June 6, and as a result there will be no interruption to Federal-aid road work.

The apportionment is made to the States on the same basis as for preceding years, except Hawaii, is for the first time admitted to a share which is on the same basis as for the States. This has been provided for in an act of the present session of Congress.

Since 1916 a total of \$540,000,000 has been made available by previous acts of Congress, and the Bureau of Public Roads of the United States Department of Agriculture which administers these funds reports the status on May 31 as follows: Completed 32,099 miles, under construction 17,000 miles, approved for construction, 2518 miles, and \$33,106,126 available for new projects.

Practically all of the old funds and the entire amount of the new funds have been or will be expended on the Federal-aid highway system of the United States. This system provided for by the Federal Highway Act of 1921 consists of approximately 170,000 miles of road and has been designated by the States and approved by the Federal Government. At the beginning of the present year it was estimated that 60,000 miles of the system had been surfaced, about 8700 miles graded, leaving 110,000 to be surfaced. Some of this work had been done by the States independent of Federal aid. To surface the remaining 110,000 miles by 1934 will require an annual program of 11,000 miles.

The new legislation carries an appropriation of \$6,000,000 for national forest roads and trails, \$3,500,000 of this amount being the remainder of the \$6,500,000 authorized for the current

fiscal year and \$2,500,000 being the initial appropriation of the \$6,500,000 previously authorized for the fiscal year 1925. The Secretary of Agriculture is also authorized to apportion and enter into contracts against the \$4,000,000 remainder of the authorization for 1925 not yet appropriated.

In the apportionment of Federal aid funds made by the Secretary the amounts received by the various States are as follows:

States	Amount
Alabama	\$1,512,025.66
Arizona	1,053,003.56
Arkansas	1,258,857.07
California	2,464,990.78
Colorado	1,261,482.06
Connecticut	475,513.91
Delaware	365,625.17
Florida	887,336.52
Georgia	1,983,022.99
Hawaii	365,625.09
Idaho	926,638.01
Illinois	3,203,867.99
Indiana	1,939,903.32
Iowa	2,078,248.33
Kansas	2,081,000.04
Kentucky	1,113,584.45
Louisiana	996,301.59
Maine	686,453.36
Maryland	635,945.01
Massachusetts	1,152,066.22
Michigan	2,226,824.73
Minnesota	2,120,906.56
Mississippi	1,294,371.65
Missouri	2,423,485.75
Montana	1,544,483.19
Nebraska	1,577,155.34
Nevada	947,623.23
New Hampshire	365,625.01
New Jersey	936,413.08
New Mexico	1,856,628.88
New York	3,663,105.86
North Carolina	1,697,246.16
North Dakota	1,178,708.13
Ohio	2,795,804.69
Oklahoma	1,753,189.71
Oregon	1,176,230.15
Pennsylvania	3,365,956.21
Rhode Island	365,624.87
South Carolina	1,054,028.17
South Dakota	1,209,144.18
Tennessee	1,628,740.97
Texas	4,410,169.76
Utah	847,741.90
Vermont	365,625.55
Virginia	1,113,308.17
Washington	2,209,344.18
West Virginia	798,275.47
Wisconsin	1,877,600.32
Wyoming	936,372.13

79 Pacific Coast Cities in June Expend \$34,690,334 for Building

A total of \$34,690,334 in building permits issued in 79 cities of the Pacific Coast during June indicates a continuance of the conservative policy on the part of builders which has marked the records of the past three months. Students of business economics comparing this situation with the extensive building activities of the previous year, consider it indicative of a very healthful condition destined to prevent a threatened overbuilding and to maintain a stable balance in improved values as well as in employment of labor.

An analysis of the June building figures reported in the Pacific Coast Section of the National Monthly Building Survey of S. W. Straus & Co., shows, for these cities as a whole, a 14% reduction from the total for May, a 28% reduction from that of last June and a slight reduction from June of 1922, although 33 cities report gains over May, the most notable among them being Los Angeles, San Diego, Salt Lake, Tacoma and Oakland, and 26 show gains over June of last year.

Los Angeles, with \$10,292,542 for June, shows a 17% gain over May but a 31% loss from the record of last June. In the Los Angeles metropolitan area,

15 municipalities show a June total of \$13,995,126, 9% more than the May figures and 28% less than those of last June.

San Francisco reports \$3,899,374 for June, a 28% reduction from May's record and 7% less than for last June. In the San Francisco Bay Area, 14 municipalities show a June total of \$2,072,212, which is 18% less than the total for May and 8% less than for last June.

Portland, \$2,344,290 for June is 7% less than the May total but 8% greater than that of last June and 5% over June of 1922.

Salt Lake City, with \$561,245 for June, shows gains of 8% over May, 7% over last June and 25% over June of the previous year.

Oakland reports \$2,527,008 for June, a 12% gain over May but 8% less than last June and 25% less than for June of 1922.

Long Beach, reporting \$1,515,232 for June, shows reductions of 25% from May and 55% from last June but a 34% gain over June of the previous year.

Seattle's June total of \$2,094,350 is 55% less than the May total, 59% less than that of last June and 27% under that of June, 1922.

San Diego, with \$1,524,490 for June,

shows marked gains of 20% over May, and over last June and 150% over the previous June.

Glendale also shows substantial gains, its June total of \$1,000,785 being 20% greater than the May figure, 11% over last June and 175% over June of 1922.

City	June, 1924	June, 1923	May, 1924
Arizona:			
Phoenix	\$100,000	\$111,122	\$102,415
Tucson	82,915	110,178	92,850
Total	\$182,915	\$221,300	\$195,265
California:			
Alameda	133,245	217,740	404,782
Alhambra	432,505	402,825	432,160
Anaheim	13,600	141,985	98,650
Bakersfield	168,493	497,399	64,267
Beverly Hills	588,516	527,175	747,004
Burbank	236,900	297,125	354,340
Burlingame	159,043	157,285	75,400
Burlingame	204,955	177,507	147,505
Campton	119,625	100,650	80,274
Colorado	31,682	29,190	14,675
Culver City	45,250	61,450	58,120
Emeryville	98,567	46,940	200,100
Eureka	97,000	85,000	105,000
Essex	64,813	242,306	105,553
Fullerton	37,400	148,785	28,400
Glendale	1,000,785	900,051	828,633
Huntington Beach	1,025	37,195	22,395
Huntington Park	27,955	269,670	228,820
Inglewood	77,850	229,935	43,000
Long Beach	1,515,232	3,422,324	2,027,373
Los Angeles	10,292,542	15,074,446	8,789,932
Modesto	33,407	260,385	21,758
Monrovia	13,200	153,400	136,450
Montebello	30,500	70,690	32,025
National City	26,840	14,475	31,715
Oakland	2,527,008	2,751,751	2,241,383
Ontario	42,160	135,200	53,800
Los Alto	32,119	77,335	19,902
Pasadena	628,146	1,265,854	691,220
Piedmont	118,217	196,576	121,118
Pomona	66,009	101,758	163,035
Redwood City	75,539	67,173	86,455
Rialto	67,100	27,750	37,771
Richmond	67,777	103,625	67,165
Riverside	115,868	119,542	192,385
Sacramento	509,410	990,485	948,872
San Bernardino	121,325	200,225	320,000
San Diego	1,527,490	1,930,720	1,260,203
San Francisco	3,899,374	4,213,346	5,478,111
San Gabriel	48,940	59,110	17,625
San Jose	198,135	301,550	249,650
San Leandro	131,325	47,125	81,040
San Mateo	128,095	151,000	150,115
San Rafael	34,725	47,350	41,250
Santa Ana	168,493	557,312	75,436
Santa Barbara	171,250	148,565	200,555
Santa Cruz	32,115	57,676	69,960
Santa Monica	400,795	470,504	688,725
South Gate	73,148	106,485	86,700
South San Francisco	27,610	75,105	24,800
Stockton	25,580	26,650	24,650
Torrance	57,480	351,800	8,800
Vallejo	38,128	12,930	13,714
Ventura	64,805	37,800	36,035
Vernon	54,400	90,285	153,532
Whittier	51,350	475,472	88,725
Total	\$27,580,676	\$38,465,347	\$29,212,685
Idaho:			
Boise	33,090	86,913	47,009
Twin Falls	12,750	23,000	22,350
Total	\$45,840	\$109,913	\$69,359
Nevada:			
Reno	63,750	19,625	28,700
Oregon:			
Astoria	170,825	229,775	97,100
Eugene	207,960	90,000	230,650
Portland	2,344,240	2,166,470	2,535,170
Salem	78,405	12,132	82,500
Total	\$2,789,420	\$2,608,377	\$3,015,110
Utah:			
Logan	30,800	26,700	30,000
Ogden	42,250	126,650	144,750
Provo	82,500	64,490	26,400
Salt Lake City	561,895	521,075	516,525
Total	\$718,495	\$738,825	\$717,675
Washington:			
Aberdeen	82,460	230,305	62,198
Bellingham	78,431	102,218	127,334
Everett	56,912	117,834	56,150
Hoquiam	7,840	30,175	42,193
Seattle	2,094,350	5,230,445	4,758,170
Spokane	236,970	426,510	373,000
Vancouver	679,695	353,463	539,010
Tacoma	29,945	7,207	10,045
Walla Walla	13,080	7,575	12,693
Yakima	38,555	42,255	47,585
Total	\$3,309,238	\$6,597,985	\$6,079,043

FRENCH STEEL OUTPUT

French pig iron production in May totaled 658,000 metric tons compared with 651,000 tons in April. Output of raw steel amounted to 599,000 tons, compared with 567,000 during the pre-

ceding month, according to a cable to the Department of Commerce from Assistant Trade Commissioner Green at Paris. Blast furnaces in operation on June 1, were 135, or one less than on the first of the preceding month.

POWER AGREEMENT RECEIVES O. K. OF RAILROAD COMMISSION

The Railroad Commission has approved an agreement entered into between Pacific Gas & Electric Company and the Nevada Irrigation District for the construction of water storage and diversion works by Nevada Irrigation District in Nevada County, and the delivery of water therefrom to Pacific Gas & Electric Company at a plant to be constructed adjacent to the Spaulding Reservoir, in conformity with negotiations recently brought to a successful conclusion under the direction of the Railroad Commission.

The use of water delivered in the development of power by Pacific Gas & Electric Company at its existing plant, and at plants which may be constructed in the future on its South Yuba System, is provided for in the contract. Also, the re-delivery of the water to the Nevada Irrigation District for irrigating lands in Nevada County.

Agreement also provides for the payment by Pacific Gas & Electric Company for the use of water through its hydro-electric plants and for the purchase of water, if required, by Nevada Irrigation District from Pacific Gas & Electric Company.

The project will call for the expenditure of approximately \$8,000,000 for water and hydro-electric works, and will result in the irrigation of upwards of 140,000 acres of land, in addition to the development of large amounts of hydro-electric energy.

FOREST ROADS IN NEVADA TO GET FEDERAL FUNDS

The Secretary of Agriculture has authorized the expenditure of \$44,148 of forest highway funds to construct and improve highways within or adjacent to the national forests in Nevada, according to an announcement from the United States Department of Agriculture. One of the allotments calls for \$30,000 to construct four miles along the Austin-West road in the Toiyabe National Forest. This project links up with the construction of six miles of this road authorized a year ago. To survey 12 miles along the Ely-Tonopah highway the sum of \$8,148 has been allotted, and a maintenance fund of \$6,000 has been set aside for use on roads heretofore built.

IRRESPONSIBILITY

"Some guys never feel their responsibility," said Bill, the bricklayer, as he disapprovingly inspected the scaffolding upon which he was about to work. "That's why personal liability insurance is high. They put me in mind of Tom and Henry. They were drivin' home from the country in a flivver. They had met up with some of that pre-Volstead stuff, and the car was kinda wavin' back an' forth. Looka here, Tom," said Henry very earnestly, "I wancha to be careful. First thing you'll have us both in the ditch." "Who, me?" asked Tom in surprise. "Why, Henry, I thought you was drivin'."

INJUNCTION HALTS POWER PROJECT IN ARIZONA

A permanent injunction against the construction of the Diamond Creek power project on the Colorado river has been granted by the U. S. district court at Prescott, Ariz. A permit had been granted for the project by the state of Arizona and work was started last March. An injunction was sought by the Federal power companies James B. Girard of Phoenix is engineer for the project, which, it is estimated, will cost about \$36,000,000. The enterprise is backed by the copper mining companies of Arizona.

Building News Section

APARTMENTS

Plans Complete. Cost, \$35,000
APARTMENTS
SAN FRANCISCO, N California 225 E 1st Ave.
 Two-story and basement frame (16) apartments
 Owner—D. Emanuel, 4005 California St. San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded. Cost, \$30,000
APARTMENTS
SAN FRANCISCO, N California 31 117 W Hyde Street.
 Three-story frame apartment building (12 2 and 3-room apts.)
 Owner—Misses Fazio and Molinari.
 Architect—August Headman, Call Bldg. San Francisco.
 Contractor—V. Filippis, 957 Union St., San Francisco.

Contract Awarded. Cost, \$36,000
APARTMENTS
BERKELEY, Alameda Co., Cal., SE Dwight Way and San Pablo Ave.
 Store and apartment building.
 Owner—G. A. Barthels, 2513 San Pablo Ave., Berkeley.
 Designer—A. J. Hurley, 1025 Florida Ave., Richmond.
 Contractor—Schuler & McDonald, 306 12th St., Oakland.

Plans Being Prepared. Cost, \$200,000
APARTMENTS
SAN FRANCISCO, Nob Hill.
 Nine-story Class A community apartment.
 Owner—Withheld.
 Architect—Carl Werner, Santa Fe Bldg. San Francisco.

Sub-Figures Being Taken. Cost, \$—
APARTMENTS
SAN FRANCISCO, No. 2006 Washington Street.
 Ten-story reinforced concrete apartment house.
 Owner—Two Thousand Six Washington Street, Inc.
 Architect—C. A. Meussdorffer, Humboldt Bldg., San Francisco.
 Contractor—Robt. Trost, 26th and Howard Sts., San Francisco.
 Bids being received for painting and marble.

Contract Awarded. Cost, \$55,750
APARTMENTS
SAN FRANCISCO, W Julian Ave. 275 N Sixteenth Street.
 Three-story and basement frame (21) apartments.
 Owner—F. P. Schuster, % Architect.
 Architect—F. S. Holland, 1629 Folsom St., San Francisco.
 Contractor—O. C. Holt, 180 Jessie St., San Francisco.

Concrete Work Contract Awarded. APT. BLDG. Cost, \$38,000
SAN FRANCISCO, N Green 150 W Fillmore.
 Three-story and basement frame (3) apartment building.
 Owner—Lyman J. Potter, 782 Minnesota St., San Francisco.
 Architect—E. H. Denke, 1317 Hyde St., San Francisco.
 Concrete work contract awarded to Mission Concrete Co., 180 Jessie St. San Francisco.
 Sub-figures are being taken on other portions of the work.

Plans Completed—To be Done by Day's Work.
APARTMENTS
SAN FRANCISCO, E Van Ness Ave. 30 N Union St.
 Three-story and basement frame (12) apartments.
 Owner—Mr. and Mrs. C. W. Gould, 2448 Baker St., San Francisco.
 Designer & Mgr. of Constr.—W. C. Mahoney, 892 Union St., S. F.

Contractor Taking Sub-Figures.
APARTMENTS
OAKLAND, Alameda Co., Cal.
 Six-story Class C apartment building (72 apts.)
 Owner—Withheld.
 Architect—Ed. Musson Sharpe, 60 Sansome St., San Francisco.
 Contractor—American Bldg. Co., 302 Balboa Bldg., San Francisco.
 Sub-bids are wanted on all parts of the work.

LOS ANGELES, Cal.—Arthur Bard & Co., Union Oil Bldg., have the contract to erect a 102-room, 48-apartment building on Hudson Ave., between Hollywood Blvd. and Selma Ave. for Hudson & Mansfield. Three-story, 106 1/2 ft., brick walls, pressed brick facing, composition roofing, fire escapes, pine trim, marble and tile work, wall beds, steam heating. Cost, \$116,000.

EAGLE ROCK, Los Angeles Co., Cal.—Architect William Bruce, 430 Chapman Bldg., has completed preliminary plans for a Class A apartment building to be erected on Hill St., between Highland and Killenworth Aves. Eagle Rock for R. S. Owings. It will be of reinforced concrete construction, 13-story and basement.

LOS ANGELES, Cal.—Christ Thoren, 6764 Hawthorne Ave., has the contract at \$266,000 for all work complete for erecting a four-story Class C apartment house at the southeast corner of Whitley and Franklin Aves. for Havenhurst Apartment Co. It will contain 52 apartments. Dimensions, 46x174 ft., with a wing 46x53 ft., brick walls, pressed brick facing, marble and tile work, composition roofing, pine and hardwood trim, tiled baths, wall beds, steam heating, elevators, vacuum cleaning. Walker & Eisen, 701 Great Republic Life Bldg., architects.

LONG BEACH, Los Angeles Co., Cal.—F. L. Lindsay, 313 Marine Bank Bldg., Long Beach, is preparing plans for a \$100,000, two-story and basement fireproof store and apartment building at the southwest corner of 6th St. and Pine Ave., Long Beach, for W. T. Lovell, 290 of Minneapolis, Minn., R. T. Lovell, 290 Santa Fe St., Long Beach, agent. Foundation, 150x150 feet.

BONDS

WOODLAND, Yolo Co., Cal.—Until Aug. 4, bids will be rec. by county supervisors for purchase of \$18,000 bond issue of Davis Joint School District, proceeds of sale to finance school improvements.

FRESNO, Fresno Co., Cal.—Election will be held July 23 in Dunlap Union School District to vote bonds of \$2500 to finance improvements. Trustees of district are: Mrs. Florence Ward, Mrs. Gertrude Traewick, W. E. Bullard, A. I. Jones and B. C. Evans.

GALT, Sacramento Co., Cal.—Election will be held July 23 in Galt Joint Union High School District to vote bonds of \$100,000 to finance erection of new high school, replacing structure recently destroyed by fire. Trustees of district are: C. A. Bolton, Perley K. Bradford and F. G. Fawcett.

GALT, Sacramento Co., Cal.—Trustees of Galt High School District recall advertisements for bond election for \$100,000 to finance erection of new high school. It is proposed to pay a lower rate of interest on the bonds, the original advertisements providing 6%.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 4, bids will be rec. by supervisors for purchase of \$17,000 bond issue of Vineland School District, proceeds of sale to finance school improvements.

SACRAMENTO, Cal.—Until July 21, bids will be rec. by supervisors for purchase of \$10,000 bond issue of Sutter School District; proceeds of sale to finance school improvements.

BAKERSFIELD, Kern Co., Cal.—Election will be held in Old River School District to vote bonds of \$16,000 to finance school improvements failed to carry.

HANFORD, Kings Co., Cal.—July 25 is date set in Laton Joint Grammar School District to vote direct tax of \$3500 to finance school improvements.

SAN JOSE, Santa Clara Co., Cal.—County supervisors sell \$25,000 bond issue of Palo Alto Union High School District for premium of \$1,776.20; proceeds of sale to finance school improvements.

SACRAMENTO, Cal.—Election will be held Aug. 5 in Pacific Elementary School District to vote direct tax of \$2500 to finance school improvements. Trustees of district are: Chas. W. Hack, Edwin Nicholas and Frank F. Hite.

SACRAMENTO, Cal.—County supervisors sell \$12,000 bond issues of School District for premium of \$1,710. proceeds of sale to finance school improvements.

CARMICHAEL, Sacramento Co., Cal.—Third election held in Carmichael School District to vote bonds of \$12,000 to finance erection of new school failed to carry; vote was 67 to 107. A direct tax will be levied to finance erection of a temporary structure.

MARYSVILLE, Yuba Co., Cal.—Feather River Union School District votes bonds of \$21,000 to finance erection of new school building.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up Doors, Ti-co-doors, Cobaldors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

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The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

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Best Wood Preserver.

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CHURCHES

Plans Being Figured.
CHURCH Cost, \$8700
LIVERMORE, Alameda Co., Cal.
 One-story frame and stucco church.
 Owner—Methodist Church of Livermore
 Architect—Wythe, Blaine & Olson, 1800
 Telegraph Ave., Oakland.

Plans Being Prepared.
 Cost, \$35,000
SOUTH SAN FRANCISCO, San Mateo
 County.
 One-story frame and stucco church.
 Owner—Methodist Church of South San
 Francisco.
 Architect—Wythe, Blaine & Olson, 1800
 Telegraph Ave., Oakland.

Sub Contracts Awarded.
CHURCH Cost, \$—
SAN FRANCISCO, SE Divisadero and
 Clay.
 One-story mezzanine and basement
 brick church building.
 Owner—Sixth Church of Christ Scien-
 tist, 1902 Fillmore St., S. F.
 Architect—W. H. Crim Jr. & Hamilton
 Murdock 425 Kearny S. F.
Painting to Gruette Chandler Co.
Hardware to E. M. Hundley, 183 Stev-
 enson St., S. F.
Vacuum Cleaners to S. F. Compressed
 Air Cing. Co., 535 Sutter St., S. F.
Marble work to Clervie Marble & Mo-
 saic Co., 40 Jessie St., S. F.
Heating & Tile Work to Scott Co., 243
 Minna St., S. F.
Mill work and carpentry to J. H. Kruse
Plumbing to Wm. Glass.
Plastering to Carroll & O'Brien, 180
 Jessie St., S. F.

LOS ANGELES, Cal.—Arch. Emmett
 G. Martin, 408 Cit. Nat. Bank Bldg., is
 preparing plans for a church and rec-
 tory to be erected at cor. Wilton place
 and 3rd St. for the Roman Catholic
 Bishop of Los Angeles and San Diego.
 Church of St. Brendon, Rev. William
 Ford, pastor; the church will have a
 seating capacity of 600 people and there
 will be a choir loft, foyer, etc.
 Brick walls, steel frame and trusses.
 42x150 ft. Boise stone exterior, slate rig.,
 hardwood fls. and trim, gas furnace
 hfg. sys., fan vtg. sys., art glass, stone
 tracery, pipe organ, \$175,000. The rec-
 tory will have 14 rms. and will be of
 frame constr. with plaster and stone
 exterior, slate rig., hardwood fls., 4 tiled
 baths, gas unit hfg. sys., storage water
 htr; \$35,000.

SAN FERNANDO, Los Angeles Co.,
 Cal.—George R. Holliday, Branson-
 Creel Bldg., San Fernando, has the
 contract to erect a new church build-
 ing at the corner of 4th and MacLay
 Sts., San Fernando, for the San Fern-
 ando Presbyterian Church. It will
 have an auditorium to seat about 250
 people, 15 classrooms, Sunday school
 assembly room and social hall. Robert
 H. Orr, 1305 Corporation Bldg., is the
 architect. Frame construction, brick
 veneer exterior, 2-story and basement
 92x96 feet, composition roofing, cement,
 pine and hardwood floors, gas unit
 heating system, water heater, art glass,
 pine trim. Cost, \$50,000.

FACTORIES AND WAREHOUSES

Contractors Taking Sub Figures.
PRINTING PLANT Cost, \$50,000
SAN FRANCISCO S Harrison 200 W
 Third.

One-story and basement brick and con-
 crete printing plant.
 Owner—Union Lithograph Co., 733
 Harrison St., San Francisco.
 Designer—L. S. Rosener, Insurance
 Exchange Bldg., San Francisco.
 Contractor—Barrett & Hbb, 918 Harri-
 son St., San Francisco.

Contract Awarded.
WAREHOUSE Cost, \$13,000
SAN FRANCISCO, N Howard St. 325 E
 Eighth.
 One-story and basement brick ware-
 house.
 Owner—Wakelee's Pharmacies 38 Beale
 Architect—M. G. Bugbee, 619 Washing-
 ton St., San Francisco.
 Contractor—Theo. S. Hoin 1802 Cabrillo
 St., San Francisco.

Planned.
BUILDING Cost, \$—
SAN FRANCISCO, N Mission bet. 12th
 and 13th Sts. plant, to Otis St.
 Three-story class B reinf. concrete
 wholesale building for plumbing
 supplies.
 Owner—Danzel-Moller Co., 556 Mission
 St., San Francisco.

Preliminary Plans Prepared.
BUILDING Cost, \$50,000
SAN FRANCISCO, Army, De Haro,
 Kansas and Mariposa Sts. 3 acre
 tract.
 Several concrete buildings for paint
 mfg. plant.
 Owner—Bois-Huetter Paint Co., 2240
 24th St., San Francisco.
 Engineer—Engineering Dept. of Owner
 2240 24th St., S. F.
 Construction will be started in about
 90 days. Site is now being filled in under
 the supervision of the owner's en-
 gineers. Work is being done by days
 labor. Only preliminary plans have
 been prepared for the buildings.

Sub-Figures to Be Taken.
CLEANING & DYEING WKS \$10,000
SAN FRANCISCO, N Fourteenth St.
 145-7 E Mission St.
 One-story concrete cleaning and dye-
 ing works.
 Owner—J. H. Hjul, 128 Russ St., S. F.
 Architect & Contractor—J. H. Hjul, 122
 Russ St., San Francisco.

Completing Plans—Figures To Be Taken
 In About a Week.
FACTORY Cost, \$100,000
MODESTO, Stanislaus Co., Cal.
 One-story reinforced concrete & brick
 tin can factory 50x130 ft.
 Architect—Borden Condensed Milk Co.
 Owner—Davis-Heller-Pearce Co.,
 Delta Bldg., Stockton.
 Bids will be taken for a general con-
 tract.

Sub Contracts Awarded.
WAREHOUSE Cost, \$50,000
SAN FRANCISCO, S Folsom 80 E 2nd.
 Three-story reinforced concrete ware-
 house.
 Owner—A. Schilling Co., 2nd and Fol-
 som Sts., San Francisco.
 Architect—E. A. Eames, 353 Sacra-
 mento St., San Francisco.
 Contractor—Lindgren and Swinerton,
 Standard Oil Bldg., San Francisco.
Iron and steel awarded to Michel and
 Feffer, 1415 Harrison.
Glass and glazing to Crowe Glass Co.,
 574 Eddy St.
Sheet metal to Western Furnace & Cor-
 nice Co., 202 Brannan St.
Roofing to Bender Roofing Co., 180
 Jessie Street.

As previously reported, plumbing was
 awarded to Gilley-Schmid Co., 198
 Otis Sreet, S. F.; wiring to Victor
 LeMog, 281 Natoma St., S. F.; painting
 to A. Quandt & Sons, 374 Guerrero St.,
 S. F.; brick to McNear Brick Co., 946
 Monadnock Bldg., S. F.; and metal
 floors to Thucson Steel Co., 527 10th St.
 San Francisco.

SAN RAFAEL, Marin Co., Cal.—Mc-
 Namara Manufacturing Co., an Eastern
 concern, operating a small plant in San
 Rafael, has purchased a 10-acre site
 and plans erection of a new factory.
 The company manufactures can
 openers.

LOS ANGELES, Los Angeles Co., Cal.
 The Santa Fe Railway Co. is taking
 bids for erecting a Class A warehouse
 at the northwest corner of Industrial
 and Mateo Sts. for Western Improve-
 ment Co. It will be occupied by the
 Star Truck Co. Six stacks and base-
 ment, 143x259 ft., reinforced concrete
 construction, steel sash, elevators, steel
 rolling doors, etc. There will be
 covered storage platform, 374 ft. long,
 with concrete floors, corrugated iron
 sides, steel trusses, wood and composi-
 tion roofing.

AZUSA, Los Angeles Co., Cal.—Nigg
 Bros., Citrus Ave., Covino, have con-
 tract and started work on rock crush-
 ing plant two miles west of Azua on
 Santa Fe for Builders' Crushed Rock
 Products Co., Hyrum Hicks Jr., vice-
 president, Lane Mortgage Bldg. Plans
 by Allis-Chalmers Co., P. G. Lewis, as-
 sociate, Title Ins. Bldg. Steel con-
 struction. Estimated cost, \$150,000.

VAN NUYS, Los Angeles Co., Cal.—
 J. A. Caldwell has the contract and
 has started work on a corrugated iron
 factory building at Van Nuys and Kester
 Sts. for Owens Brick Co., J. C. Owens,
 president, Los Angeles. Cost of plant
 and machinery, \$65,000.

BURBANKS, L. A. Co., Cal.—Kennard
 Engr. Co., 617 Hollingsworth Bldg., is
 preparing plans for a factory bldg. to
 be erected on Sonoma St., Burbank, for
 the Soda & Potash Co., C. W. Berry,
 pres. Low State Bldg. Dimensions, 100
 by 150 ft., steel frame constr., 20 ft.
 high, corr. iron exter., comp. rig., ce-
 ment fls., 50 h.p. boiler, steel sash, wire
 glass; there will also be equipment and
 machinery including high pressure pip-
 ing, filters, evaporators, etc.; \$100,000.

HANFORD, Kings Co., Cal.—National
 Fruit Exchange plans early construction
 of packing and shipping plant on the
 Santa Fe Industrial spur. Structure
 will be 200 ft. long with loading
 platform 40 ft. wide; est. cost, \$7500.

KLAMATH FALLS, Ore.—Shaw-Bert-
 ram Lumber Co. has purchased 3-acre
 site adjoining its present plant on the
 Southern Pacific main line and plans
 erection of box factory. Tentative
 plans provided for plant with daily ca-
 pacity of 150,000 bd. ft. Six cut-off
 saws will be installed. J. R. Shaw,
 manager of company.

SEATTLE, Wash.—Barton & Co.,
 Seattle meat packers, contemplate con-
 struction of \$750,000 packing plant on
 West Waterway near the site of the
 company's present plant.

FLATS

Plans Being Prepared.
FLATS Cost, \$14,000
SAN FRANCISCO, 15th Ave. & Fulton.
 Two-story and basement frame and
 stucco (2) flats, 5-rooms each with
 basement garages.
 Owner—Capt. Chas. S. Borg.
 Architect—Walter Falch, Hearst Bldg.,
 San Francisco.
 Plans will be ready for figures in
 about a week.

Res. Phone Piedmont 482

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ROSS-Gould Co. 315 N. 10th St. St. Louis

Contract Awarded.
FLATS Cost, \$13,580
SAN FRANCISCO, S 14th 100 W Valencia Street.
 Three-story frame store and flats bldg (2 flats).
Owner—Theo. Binner, 431 14th St., San Francisco.
Architect—Albert J. Fabre & Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—Carl Wengard, 1286 34th Ave., San Francisco.

Contract Awarded.
FLAT BLDGS Cost, \$15,000
SAN FRANCISCO E 19th Ave. 25 50 75 S Clement.
 Three 2-story and basement frame flat buildings (2 flats in each bldg.).
Owner—Costello Bros., 821 34th Ave., San Francisco.
Contractor—Costello Bros., 821 34th Ave., San Francisco.

Contract Awarded.
FLATS, ETC. Cost, \$12,000
SACRAMENTO, Cal. No. 2613 P St.
 Two-story frame flat building and garage.
Owner—John Stassi, 1626 S St., Sacramento.
Architect—None.
Contractor—M. A. Fratis, 1728 S St., Sacramento.

Completing Plans.
FLATS Cost, \$12,000
SAN FRANCISCO, Army St. W Guerrero.
 Two-story and basement frame flats.
Owner—Henry Ratio.
Architect—C. O. Clauson, Hearst Bldg., San Francisco.
 Bids will be taken by the owner.

GARAGES

Contract Awarded.
GARAGE Cost, \$48,000
OAKLAND, W Broadway S Mosswood.
 One-story concrete and steel garage.
Owner—Hebrank, Hunter & Peacock.
Architect—W. H. Blaine & Olson, 1800 Telegraph Ave., Oakland.
Contractor—Hansen, Robertson & Zumwalt, 4145 Broadway, Oakland.

Concrete Work Contract Awarded—Sub Figures Being Taken.
GARAGE Approx, \$65,000
SAN FRANCISCO, S Eddy St., between Leavenworth and Hyde Sts.
 Two-story reinforced concrete garage.
Owner—E. H. Denke, E. Bowers, J. Bell.
Architect—E. H. Denke, 1371 Hyde St., San Francisco.
Concrete work awarded to Mission Concrete Co., 180 Jessie St., S. F.

SONORA, Tuolumne Co., Cal.—D. R. Hanify, Sonora, at \$8,131 awarded contract by R. R. Young to erect one-story brick and tile, 31 by 91 feet auto stage depot for the Yosemite Transit Co., operated by Young.

LOS ANGELES, Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., will have the contract for a Class A warehouse and a Class C garage to be erected near 7th St. and Central Ave. for the Union Terminal Warehouse. Reinforced concrete construction and brick walls, 1-story, 100x150 ft., composition roofing, wood roof trusses, cement floors, steel sash, wire and plate glass.

Member S. F. Builders' Exchange
 Phone Sutter 6700

ALBERT DEAN

Random Variegated Colors Slate Roofing
 and
 Random Variegated Colors Tile Roofing

Composition Roofing
 General Roof Repairing
 Samples Submitted

180 Jessie St., San Francisco
 Res. 4201 Mission St.
 Phone Randolph 5982

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until July 26, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5431-603 to fur. and del. Rio Vista, Solano county, miscellaneous hardware and supplies. Lists of materials desired will be furnished on application.

PHOENIX, Ariz.—Until Aug. 5, bids will be rec. by U. S. Indian Agent at Phoenix Indian School, to fur. miscellaneous material for central heating plant. The schedule includes tees, elbows, unions, valves, vacuum pump, pipe, ceiling plates, extension joints, nipples, heavy fittings, gauges, bushings, couplings, plugs and tools, such as chain wrenches, monkey wrenches, dies, diestocks, pipe cutters, cutter wheels and reamers.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to fur. and del. materials to Navy Yards and Stations, as follows; date for opening bids as noted at close of each paragraph:

Schedule 2417, eastern and western yards, boiler tube brushes, July 29.
Schedule 2418, eastern and western yards, clamps, countersinks, rivets, rules, squares, spatulas, tapes, etc., July 22.

Schedule 2419, eastern and western yards, augers, bits and drills, July 22.
Sched. 2420, San Diego and Mare Island, 4500 sq. ft. floor tiling, Aug. 5.

Schedule 2431, Mare Island, South Brooklyn or Hampton Roads, 5000 sq. ft. compressed insulating sheet cork, August 5.
Schedule 2432, Mare Island & Hampton Roads, 10,000 ft. iron bark, Aug. 5.

WASHINGTON, D. C.—Following is a list of prospective bidders for projects on which bids are being received by the Bureau of Yards and Docks, Navy Department; these in addition to those previously reported:

SAN FRANCISCO—Marine Corps Supply Storehouse, Specification No. 5000; bids to be opened July 23;
McClintic-Elevator Co., P. O. Box 1639, Milwaukee, Wis.

Crane Co., Washington.
American Bridge Co., Washington.
Allen Pope, 4722 15th St., N. W., Washington.
S. Heller Elevator Co., Milwaukee, Wis.

Otis Elevator Co., 810 18th St., N. W., Washington.
McClintic-Marshall Co., Munsey Building, Baltimore.

Phoenix Bridge Co., Phoenixville, Pa.
Truscon Steel Co., Washington.
Virginia Bridge and Iron Co., Roanoke, Va.

Hampton Elevator and Machine Co., 907 15th St., Washington.

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SAN FRANCISCO

LOS ANGELES

Detroit Steel Products Co., 322 North Charles St., Baltimore.
Circle Construction Co., 59 Pearl St., New York City.

San Francisco—Grading site for above storehouse under Specification No. 4999; bids to be opened July 23. No applications received for plans at Washington for this unit of the project.

Pearl Harbor, T. H.—Elevated steel water tank, bids to be opened Aug. 13, under Specification No. 4992.

Pittsburgh-Des Moines Steel Co., Richmond, Va.
Standard Tank Car Co., Canadian Pacific Building, New York City.
Petroleum Iron Works Co., Sharon, Pennsylvania.

Chicago Bridge and Iron Works, 30 Church St., New York City.

Buffalo Marine Construction Co., foot S. Michigan Ave., Buffalo, N. Y.

Wichita Engineering and Construction Co., 1441 Bluff St., Des Moines, Iowa.

Warren City Tank and Boiler Co., Warren, Ohio.

Penn. Bridge Co., Beaver Falls, Pa.
Pearl Harbor, T. H.—Storehouse and case ammunition filling house, bids to be opened July 30, under Specification No. 4975.

W. F. Martens, 212 East Ave., Rochester, N. Y.

Circle Construction Co., 59 Pearl St., New York City.

Johns-Manville, Inc., 500 Post St., San Francisco, Cal.

Allen Pope, 4722 15th St. NW, Washington.

Bethlehem Steel Co., Bethlehem, Pa.
Metric Bros. Iron Co., 421 S 16th St., St. Louis, Mo.

McClintic-Marshall Co., 1216 Munsey Bldg., Baltimore.

American Bridge Co., 603 Wilkins Bldg., Washington.

Phoenix Bridge Co., Phoenixville, Pa.
Allison Steel Products Co., 2nd and Palmer Sts., Chester, Pa.

Pittsburgh-Des Moines Steel Co., Pittsburgh.
Penn. Bridge Co., 4029 4th Ave., Beaver Falls, Pa.

Pearl Harbor, T. H.—Circulating water discharge loop, under Specification No. 5001; Allen Pope, 4722 15th St., N. W., Washington.

San Diego, Cal.—Painting building, bids to be opened July 23, under Specification No. 4993.

Evans & Banks, 300 Bank St., Norfolk, Va.
Alfred Olson Co., 4651 N Clark St., Chicago.

J. F. Sullivan, 4515 Indiana Ave., Chicago.
George E. Wright, Inc., 1454 Monadnock Building, Chicago.

Tiburon, Cal.—Steel coal trestle, under Specification No. 4989.

Lakeside Bridge and Steel Co., Lock Drawer D, North Milwaukee, Wis.
Wilbur G. Hudson Corp., 50 Church St., New York City.

Tiburon, Cal.—Removal of fender system, under Specification No. 5002. No requests for plans received at Washington for this work.

SAN FRANCISCO—The following firms have applied for plans at the Twelfth Naval District Office S. F. for plans for the construction of the Marine Corps storehouse building for which bids will be opened on July 23rd at Washington.

A. E. Leitch J. G. Leitch

LEITCH
ROOFING CO.

Successors to Clark & Leitch

Office and Warehouse:

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Phones Main 720-0223

Clinton Construction Co., San Francisco.
Alfred H. Vogt, San Francisco.
Carl H. Peterson, San Francisco.
Robert Trost, San Francisco.
Dinwiddie Construction Co., S. F.
Cobby & Owsley, San Francisco.
Reilly & Nemetz, San Francisco.
D. E. Wagner, San Francisco.
K. E. Parker, San Francisco.
Barrett & Hilt, San Francisco.
West Coast Constr. Co., S. F.
Vukleovich & Bagge, San Francisco.
Mahony Bros., San Francisco.
S. D. Stone, San Francisco.
Turner Co., San Francisco.
A. B. Pease, San Francisco.
R. E. Campbell, Long Beach.
R. E. McKee, El Paso, Texas.

HALLS AND SOCIETY

Figures To Be Taken Shortly.
BUILDING Cost, \$55,000
RICHMOND, Contra Costa Co., Cal 12th St. bet. Macdonald Ave. & Bissell Street.
Two-story and basement brick memorial building.
Owner—American Legion of Contra A. Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Bids will be advertised for Monday, July 21st. Closing date not decided.

Plans Being Prepared.
BUILDING Cost, \$18,000
BRENTWOOD, Contra Costa Co., Cal.
One-story frame and stucco memorial building.
Owner—American Legion of Contra Costa County.
Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Plans Being Prepared.
BUILDING Cost, \$18,000
ANTIOCH, Contra Costa Co., Cal.
One-story hollow tile memorial bldg.
Owner—American Legion of Contra Costa County.
Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Plans Being Prepared.
LODGE BLDG., ETC. Cost, \$30,000
GILROY, Santa Clara Co., Cal.
Three-story store, office and lodge building.
Owner—Order of Redmen.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.

Plans To Be Figured Aug. 1st.
STORE, ETC. Cost, \$90,000
SAN RAFAEL.
Two-story steel and brick store and office and lodge building.
Owner—San Rafael Masonic Hall Association.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
CLUB BLDG. Cost, \$41,385
OAKLAND, Alameda Co., Cal., E Webster St. N 15th.
Two-story concrete store and club building.
Owner—Business & Professional Holding Corporation.
Architect—Miller & Warnecke, 414 13th St., Oakland.
Contractor—Barr & Son, 357 12th, Oakland.

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 1151-53 Mission St., San Francisco

Contract Awarded.
MEMORIAL HALL Cost, \$20,000
PITTSBURG, Contra Costa Co., Cal. 8th and East Streets.
Frame memorial hall.
Owner—County of Contra Costa, J. H. Wells, county clerk.
Architect—Benj. G. McDougall 353 Sacramento St., San Francisco.
Contractor—Bengston & Swenson, Turlock.

Contract To Be Awarded.
ADDITION Cost, \$15,000
BERKELEY.
One-room addition to club bldg.
Owner—Berkeley Country Club.
Architect—W. H. Ratcliff Jr., Mer. Trust Bldg., Berkeley.
Contractor—Minor Co., 2332 Macdonald Ave., Richmond.
Contract will be awarded on percentage basis.

PORTLAND, Ore.—R. L. Rayburn, manager of Y. M. C. A. Building Bureau with headquarters in New York, will prepare plans for proposed Y. M. C. A. building to be erected in eastern section of city. Construction details and what amount will be expended have not yet been worked out.

SANTA MONICA, Los Angeles Co., Cal.—Architect Chas. F. Plummer, 1103 Story Bldg., Los Angeles, is preparing preliminary plans for a six-story Class A club building to be erected at the foot of Pico Blvd. on Ocean Front, Santa Monica, for the Casa Del Mar Club. W. Y. Jackman, organization director, Consolidated Bldg. It will contain about 150 rooms, each with bath, dining rooms, kitchen, swimming pool, locker rooms, club rooms, ballroom, large lobby, terrace, etc. Reinforced concrete construction. The site is 210x 375 feet; brick exterior walls, elevators, basement, etc. Cost, \$1,000,000.

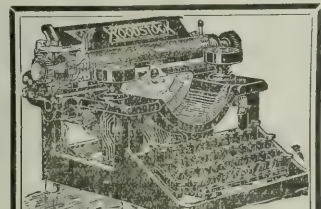
SAN DIEGO, San Diego Co., Cal.—Wm. H. Wheeler, 338 Spreckels Bldg., has prepared tentative plans for a six-story Class A clubhouse to be built by San Diego Athletic Club on site not yet selected. W. A. Turquand, 622 Commonwealth Bldg., is one of the organizers.

SEATTLE, Wash.—Bids to erect six-story and basement, 175 by 120 ft., fireproof lodge building for B. P. O. E. have been rejected and new bids will be asked. Est. cost, \$550,000. Henry Bittan, architect and engineer, Securities Bldg., Seattle.

PORTLAND, Ore.—Archts. Houtaling and Dougan, Gearing Bldg., preparing plans for three-story addition to Elks Lodge building at Fourth and Taylor Sts., est. cost \$55,000.

HOSPITALS

Preliminary Plans Being Prepared.
ADDITION Cost, \$18,000
SAN JOSE, Santa Clara Co., Cal.
Addition to hospital for nurses' quarters.
Owner—O'Connor's Sanitarium.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.



Mr. Architect or Builder

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Sub Figures Being Taken.
ALTERATIONS Cost, \$100,000
SAN FRANCISCO, NE 27th and Valencia Streets.
Alterations to hospital.
Owner—St. Luke's Hospital, 27th and Valencia Sts., San Francisco.
Architect—Lewis E. Hobart, Crocker Building, San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., San Francisco.

SACRAMENTO, Cal.—Luppen & Hawley, 906 7th St., Sacramento, at \$4097 submits low bid to supervisors for steam and electric hook-ups at county hospital. Other bids, all under advisement, were: G. E. Foss Electric Co., \$6354; Electric Supply, \$5650. R. A. Herold, architect, Forum Bldg., Sacramento.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 701 Great Republic Life Bldg., L. A., have been commissioned to prepare plans for the first unit of new hospital bldg. to be erected at 15th & Hope Sts., for the California Lutheran Hospital. There will be an 8-story and basement hospital bldg., 220x45 ft., Y-shaped, to accommodate 300 beds, and an 8-story and basement class A service bldg., 60x30 ft.; reinf. concrete construction, plas. exter., cast stone, marble and tile work, elevators, steam htg., power plant, refrigerating system \$1,500,000.

POMONA, Los Angeles Co., Cal.—State engineers are making preliminary surveys preparatory to erection of school and hospital for subnormal children on 200 acre site near Spadra. Work will be under supervision of State Architect McDougall.

RIVERSIDE, Riverside Co., Cal.—Arch. G. Stanley Wilson, 646 W 9th St., has been commissioned to prepare plans for the new tuberculosis hospital to be built jointly by Riverside, Imperial and Orange counties on the Mellan ranch five miles from Beaumont. Est. cost \$60,000.

RIVERSIDE, Riverside Co., Cal.—County supervisors have been authorized to purchase the Mellan ranch five miles from Beaumont and to secure services of an architect to prepare tentative plans for tubercular hospital to be built jointly by Riverside, Orange and Imperial counties. Est. cost, \$60,000.

FRESNO, Fresno Co., Cal.—Bids will be asked at once by D. M. Barnwell, county clerk, to install boiler and heating system in Old People's Home. Bids will probably be opened Aug. 1. Further information obtainable from clerk.

BAKERSFIELD, Kern Co., Cal.—Following contracts awarded by county supervisors in connection with Kern County General Hospital, plans for which were prepared by Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield.

Parker Ice Machine Co., Los Angeles, refrigerating machinery installed, \$16,995.
Jewett Co., refrigerators, \$2916.
Wilmott Co., sterilizers, \$10,222.50.
R. L. Shearer, built-in metal cabinets, \$2056.
Stewart School Supply Co., Stockton, curtains and shades, \$1620.

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DIRECT FACTORY BUYERS

BAKERSFIELD, Kern Co., Cal.—Bids received by supervisors for kitchen equipment for Kern County General Hospital have been rejected and a new call for bids will be issued which will provide for furnishing of diet kitchen equipment also. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield.

FRESNO, Fresno Co., Cal.—County supervisors authorize preparation of plans to install sprinkler system in county hospital and Old Peoples' Home. D. M. Barnwell is county clerk.

AHWAHNEE, Madera Co., Cal.—Until Aug. 9, 10 A. M. bids will be rec. by T. J. Cronin, Secty., Tri-County Tuberculosis Hospital Committee, to fur. one 60-h. p. stand. horizontal return tubular boiler and equipment; also to reset old boiler now in place. Spec. obtainable from secretary.

HOTELS

July 15, 1924
Contractor Taking Sub-Figures.
HOTEL Cost, \$—
GUERNEVILLE, Sonoma Co., Cal.
Thirty-two-room frame lob cabin style hotel.
Owner—Withheld.
Architect—Ed. Musson Sharpe, 60 Sansome St., San Francisco.
Contractor—American Bldg. Co., 302 Balboa Bldg., San Francisco.
Sub-bids are wanted on all parts of the work.

Plans to be Prepared.
HOTEL Cost, \$200,000
DAKLAND, Alameda Co., Cal. Lake Merritt District.
Six-story reinforced concrete hotel (150 rooms).
Owner—Withheld.
Architect—Miller & Warnecke, Artico Bldg., Oakland.

HUNTINGTON PARK, Los Angeles Co., Cal.—Chas. Harp, 3649 7th St., Los Angeles, has the contract and has started work on a hotel and store building at the corner of Long Beach Blvd. and Florence Ave., Huntington Park for L. P. Sackett. It will have 7 stores on the first floor and 42 hotel rooms on the second. Brick walls, 2-story, steel frame, rug, brick facing, cement and pine floors, composition roofing, plate glass, gas, composition tiled baths, storage water heater. Cost, \$50,000.

GLENDALE, L. A. Co., Cal.—Malcolm Smith, 6665 Sunset Blvd., Los Angeles (Glendale office, 101 W. Wilson St.), has contr. and has taken out permit for a 4-story brick hotel bldg. at s.e. cor. Wilson and Maryland Aves., Glendale, for J. W. Usilton, Harvard and Brand Blvd., and A. D. Hadley and Wm. Koschell; 70x70 ft., stores, lobby and hotel dining rm., on first fl., 50 single hotel rms., and 2-rm. apt. suites on 3 upper fls.; brick walls, struc. steel, ruffled brick faced on two St. fronts trimmed with cast stone, basement finished with woodstone, plate glass, tile wk., cem. wk., galv. iron, comp. rf., built in beds; permit covering portion of the work taken out for \$55,000, additional permits to be issued later; plans by Max Maltman; total cost about \$100,000.

LOS ANGELES, Cal.—Arber C. Miller, Detwiler Bldg., has the contract at \$63,750 for all work complete for erecting a class C hotel bldg. on San Julian St., bet. 7th and 8th Sts., for T. Angeloni. Three-story 41x110 ft., brick walls press, brick facing, comp. rfg., pine trim, baths, gas htg.; Ernest I. Freese, architect.

LOS ANGELES, Cal.—C. B. Harp, 3649 7th Ave., has the contract to erect a three-story store and hotel building on Long Beach Blvd. and Florence Ave. for L. H. Sackett. There will be 6 stores and 40 rooms. Three story, brick walls, art. stone trim, composition roofing, structural steel, cement, tile and pine floors, metal skylights, fire escapes.

CHANDLER, Ariz.—James W. Martin, Chandler, Ariz., has the contract to erect additions and alterations to the present hotel building and for a group of bungalows and other improvements to be made at the San Marcos hotel site, Chandler, Ariz. Myron Hunt, 1107 Hibernian Bldg., Architect. There will be a 25-room fireproof addition to the present building; reinforced concrete and hollow tile construction; the dining room and lobby will be enlarged and the offices and other portions remodeled. The group of 20 bungalows will be of hollow concrete construction and will mostly contain 4-rooms each. There will also be a casino, hunting lodge, club house and swimming pool in connection with private golf course. Cost, \$500,000.

POWER PLANTS

EL DORADO COUNTY, Calif.—El Dorado Power Co., (Western States Gas and Electric Co., Channel and Sutter Sts., Stockton, plan early construction of a new hydro-electric power project of 24,100 h.p. in El Dorado county. It is proposed to divert water from Silver Fork, tributary of the American River and build a power house above Kyburz est. cost \$3,659,000. Construction of a reinforced concrete dam 150 ft. high & 500 ft. long is also planned.

SAN JOSE, Santa Clara Co., Cal.—Pacific Telephone & Telegraph Co., 333 Grant Ave., San Francisco, will start work shortly on aerial cable construction in Alum Rock Ave., at a cost of \$25,000, a portion of the \$300,000 improvement program to be undertaken by the company in the San Jose district.

WHITTIER, Cal.—Until July 21 new bids will be rec. by city trustees for one direct connected steam driven generator set, 250 KVA, 3-phase, 50 cycle, 2200 volt, including steam line, valves and separator from main steam header to engine, throttle valve, exhaust steam line to atmosphere through surface condenser, vacuum and circulating pumps, intermediate receiver, atmospheric relief, condenser, switchboard panel, exciter, switch and field resistance control, ammeter and voltmeter. This unit is to be installed in the water plant on Whittier Blvd. Paul Gilmore, city clerk. Cert. check or bond 10%. All previous bids rejected.

OLYMPIA, Wash.—Grays Harbor Railway and Light Co., of Aberdeen, Wash., file applications with Marvin Chase, state supervisor of hydraulics, seeking authorization to appropriate 250 cu. ft. of water per second from the Hoh river, where it proposed to construct a hydro electric plant to cost \$3,250,000 producing 25,000 h.p. Permission is also sought to appropriate 250 sec. ft. water from the Queets and tributary streams where it is proposed to erect a \$1,600,000 power plant. The latter would develop 14,000 h.p.

NEVADA COUNTY, Cal.—See "Irrigation Projects," this issue. Power and Irrigation agreement between Pacific Gas and Electric Co. and Nevada Irrigation District.

LIVERMORE, Alameda Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will expender \$65,800 for additions to Livermore substation, which will include installation of four 1000 kva transformers.

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Sandy Pratt



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This is a drawing of photo sent to Sandy Pratt, President of the Pratt Building Material Co., of Aberdeen, Wash. The photo shows a large fish, crushed rock, clean sand, washed gravel and rock screenings, by Mr. Cate, or Sandy's Marysville representative.

PUBLIC BUILDINGS

Contractors Taking Sub Figures.
POSTOFFICE BLDG. Approx. \$500,000
 SAN FRANCISCO, NE Gore Corner Embarcadero, Washington and Merchant Streets.
Postoffice building.
 Owner—Jacob Kulp, Chicago, Ill.
 Architect—A. Alschuler, 130 Montgomery St., San Francisco.
Contractors—MacDonald and Kahn, 130 Montgomery St., S. F.
Reinforcing steel awarded to Badt-Falk & Co., Call Bldg., S. F.
 Other contracts will be awarded within a week.

Award of Contracts Introduced.
AUDITORIUM Cost, \$600,000
 STOCKTON, San Joaquin Co., Cal.
 A reinforced concrete Memorial Civic Auditorium.
 Owner—City of Stockton (A. L. Banks, City clerk).

Architect—Glenn Allen, 41 S-Sutter St., Stockton, and Wright & Satterlee, Bank of Italy Bldg., Stockton (comprising City Architectural Commission).

At the Board meeting, July 14th, it was introduced to award the contracts at the meeting to be held July 21st, as follows:

- (1) For all the structural steel erected in the building. Seller Iron Works, 945 S-Pilgrim St., Stockton, at \$31,630.
- (2) General contract for all of work except the structural steel, plumbing, heating and ventilation, and the electrical work. Frank Tucker, 321 N-Sierra Nevada St., Stockton, at \$366,179.
- (3) Plumbing, heating and ventilation. Stockton Plumbing & Supply Co., 327 Miner Ave., Stockton, at \$43,342.
- (4) Electrical work. Hild Elec. Mfg. Co., 517 E-Market St., Stockton, at \$18,862.

LOS ANGELES, Cal.—Waterhouse-Wilcox-Pacific Co., 331 E 4th St., Submitted low bid to county supervisors July 14 at \$98,462 (proposal for A, B, C and D complete) for installing steel window sash and frames, etc., in the new Hall of Justice, N Broadway and Buena Vista St. The bid was: Sec. A, \$19,278; B, \$10,213; C, \$39,275; D, \$29,596. Other bids were:

U. S. Metal Products Co.—A, \$17,305; B, \$8529; C, \$50,562; D, \$35,092; alternate, \$105,904.

Geo. L. Eastman Co.—A, \$25,750; B, \$13,339; C, \$68,818; D, \$27,905; alternate \$135,812.

Griffith Casement Window Co. — A, \$47,937; C, \$110,059; no bid on other sections.

Formder Cornice Wks.—D, \$33,000; no bid on other sections.

Truscon Steel Co.—\$11,977; no bid on other sections.

W. C. Lea—B, \$11,992; no bid on other sections.

COMPTON, Cal.—Election will be held shortly to vote \$45,000 to finance erection of new city hall.

RENO, Nevada—County Commission plans to repair dome of courthouse. Planned to surface same with gold-leaf at a cost of \$2000, according to estimates submitted by F. J. DeLongchamps, architect, Gazette Bldg., Reno.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, \$—
 STANFORD UNIVERSITY CAMPUS, Palo Alto, Santa Clara Co., Cal.
 Two-story frame and stucco residence.
 Owner—Mr. Moreno.
 Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
 Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.

Contract Awarded.
STANFORD UNIVERSITY CAMPUS, Palo Alto, Santa Clara Co., Cal.
 Two-story frame and stucco residence.
 Owner—Mr. Culver.
 Architect—Birge M. Clarke, 600 Embarcadero, Palo Alto.
 Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.

Plans Being Prepared.
RESIDENCE Cost, \$15,000
 BERKELEY, Alameda Co., Cal., Claremont Court.
 Two-story and basement frame colonial residence, 8 rooms.
 Owner—Withheld.
 Architect—John Hudson Thomas, Mercantile Trust Bldg., Berkeley.

Figures To Be Taken In A Few Days.
RESIDENCE Cost, \$9000
 BERKELEY, Alameda Co., Cal., Hawthorne Terrace.
 Two-story frame and stucco residence.
 Owner—W. D. Clark.
 Architect—John Hudson Thomas, Mercantile Trust Bldg., Berkeley.

Contract Awarded.
DWELLINGS Cost, \$26,600
 OAKLAND, NE Cor. Montana & Boston and vicinity.
 Seven 1-story 5-room dwellings.
 Owner — J. F. Stoll, 2334 Telegraph, Oakland.
 Contractor—Willis F. Lynn, 208 Commercial Bldg., Oakland.

Completing Plans.
RESIDENCE Cost, \$12,000
 SAN FRANCISCO, Dolores St., near Sixteenth St.
 Two-story and basement frame and stucco residence (tile roof, 8 rooms, roof garden, etc.)
 Owner—Withheld.
 Architect—N. W. Mohr, 310 California.
 Plans will be ready for figures in ten days.

Sub-Figures Being Taken By Owner.
RESIDENCE Cost, \$15,000
 ALAMEDA CO., Claremont.
 Two-story brick residence (7 rooms).
 Owner—Emil Gloor, 180 Jessie St., San Francisco.
 Architect—Willis Lowe, 681 Market St. San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$8000
 OAKLAND, Lakeshore Ave.
 Two-story frame and stucco residence.
 Owner—F. L. Sayer.
 Architect—Schlimer-Bugbee, Thayer Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$15,000
 SAN FRANCISCO, Clay St. near Maple
 Two-story and basement frame and stucco residence and garage (tile roof).
 Owner—Mrs. E. Cummings.
 Architect—Henry C. Smith Humboldt Bank Bldg., San Francisco.

Plans to be Figured Next Week.
RESIDENCE Cost, \$10,000
 BERKELEY, Alameda Co., Cal. Thousand Oaks.
 Two-story 7-room frame and stucco residence.
 Owner—W. E. Mansfield.
 Architect—Edward Glass, Underwood Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$18,000
 PIEDMONT, Alameda Co., Cal. Portsmouth Road.
 Two-story frame and stucco 10-room residence (3 baths) double garage.
 Owner—F. F. Porter.
 Architect—Ruggles & McKee, 1429 Broadway, Oakland.

Plans Being Revised.
RESIDENCE Cost, \$10,000
 NAPA, Napa Co., Cal.
 Two-story stucco and frame 9-room residence.
 Owner—James G. Noyes.
 Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Plans Being Revised.
RESIDENCE Cost, \$15,000
 BERKELEY, Alameda Co., Avalon Ave.
 Two-story frame and stucco 10-room residence of Spanish architecture (tile roof).
 Owner—S. M. Mark.
 Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Plans To Be Figured Next Week.
RESIDENCE Cost, \$18,000
 PALO ALTO, Santa Clara Co., Cal.
 One and one-half story frame and stucco Spanish style residence with tile roof.
 Owner—Frank W. Erlin, Call Bldg., San Francisco.
 Architect—W. H. Crim and Hamilton Murdock, 425 Kearny St., S. F.

Plans to be Figured Next Week.
RESIDENCE Cost, \$42,000
 WOODSIDE, San Mateo Co., Cal.
 Two-story and basement frame and concrete 12-room country residence.
 Owner—Estate F. A. Zane, Portola.
 Architect—Joseph L. Stewart, Claus Spreckels Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$12,125
 PIEDMONT.
 Two-story frame residence.
 Owner—H. C. Poundstone, 745 Jean, Oakland.
 Designer—R. I. Stringham, 260 Calif. St., San Francisco.
 Contractor—Wm. Kat, 2430 Humboldt Ave., Oakland.

HOLLYWOOD, Los Angeles Co., Cal.—Architects Shattuck & Bowen, 313 Stack Bldg., Los Angeles, are completing plans for a 17-room residence to be erected on Hollywood Hills facing Western Ave. for P. D. Mason. Three story in front, two story in rear; 54x30 ft., frame and stone construction, shingle roofing, gas steam heating, 5 tiled bathrooms, automatic water heater, hardwood floors, hardwood trim. There will be extensive landscaping. Cost, \$75,000.



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LOS ANGELES, Cal.—Webster Street, 100 ft. and N. Webster Ave. have the 100-ft. tract for a 1-story 8-room residence to be erected at 100 N. Webster Ave. for Dr. Edward Allen. Chas. H. Johnson, architect. Plans and specifications for the 100-ft. tract for a 1-story 8-room residence to be erected at 100 N. Webster Ave. for Dr. Edward Allen. Chas. H. Johnson, architect. Plans and specifications for the 100-ft. tract for a 1-story 8-room residence to be erected at 100 N. Webster Ave. for Dr. Edward Allen. Chas. H. Johnson, architect.

SCHOOLS

Bids Opened.
SCHOOL. Cost, \$—
Y.N.A. Tehama Co., Cal.
Four classroom and auditorium building. Underwood Bldg. S. F. and New Fish Bldg. Bakersfield.
Contractor—R. B. Burness, Tulare.

Plans to be Prepared.
ADDITION. Cost, \$11,500
KEEN COUNTY.
Two-room frame addition and remodeling present school building.
Contractor—Edw. Glass, 525 Market St., San Francisco.

SCHOOL. Cost, \$—
RED BLUFF, Tehama Co., Cal.
Two-story and basement brick school.
Owner—Roman Catholic Archbishop.
Architect—Dew & Brownland Waterland-Breuer Bldg., Chico, Cal.
General Contractor—Chas. S. Mabrey Co., Ochsner Bldg., Sacramento.

Plans to be Prepared.
ADDITION. Cost, \$11,500
KEEN COUNTY.
Two-room frame addition and remodeling present school building.
Contractor—Edw. Glass, 525 Market St., San Francisco.

SCHOOL. Cost, \$—
RED BLUFF, Tehama Co., Cal.
Two-story and basement brick school.
Owner—Roman Catholic Archbishop.
Architect—Dew & Brownland Waterland-Breuer Bldg., Chico, Cal.
General Contractor—Chas. S. Mabrey Co., Ochsner Bldg., Sacramento.

Plans to be Prepared.
ADDITION. Cost, \$11,500
KEEN COUNTY.
Two-room frame addition and remodeling present school building.
Contractor—Edw. Glass, 525 Market St., San Francisco.

Plans Complete—Construction To Start Immediately.
GYMNASIUM BLDG. Cost, \$30,000
STOCKTON, San Joaquin Co., Cal.
Lower Sacramento Road.
Two-story frame and masonry gymnasium building, 1000 seats, basketball court, etc.
Owner—College of the Pacific.
Architect—Davis-Helzer-Pearce Co., Delta Bldg., Stockton.
Contractor—R. W. Moller, Carl Bldg., San Francisco.

SAN DIEGO, Cal.—Architects Lincoln Baggott and F. W. Anderson, 903 Spreckels Bldg., authorized by Board of Education to proceed with plans for new senior high school auditorium. Construction will correspond to present buildings. Cost, \$250,000.

WILLOWS, Glenn Co., Cal.—Under July 23, 1924, P. M. bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.

FAIRFIELD, Star Co., Cal.—Under July 23, 1924, P. M. bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.

KENTFIELD, Marin Co., Cal.—Trustees of the Kentfield High School have authorized the architect to proceed with plans for a new senior high school building. Construction will correspond to present buildings. Cost, \$250,000.

OCEANSIDE, San Diego Co., Cal.—T. C. Kistner Co., architects, 516 Panama Theater Bldg. and Spreckels Bldg., San Diego, are completing plans for a new high school bldg. to be erected at the Oceanside-Carlsbad high school site, near Oceanside, for the Oceanside Unified High School. The building will be a 1-story, plaster exterior, comp. rig. masonry for the 1st and 2nd story block. Plans on file in office of County Superintendent of Schools at Oceanside.

STOCKTON, San Joaquin Co., Cal.—Commercial Elec. Co., 311 E. Market St., Stockton, awarded contract for electrical fixtures for College of Pacific building. Contract price \$110,60. Davis Heller-Pearce Co., Delta Bldg., Stockton, architects.

SAN DIEGO, San Diego Co., Cal.—Wells & Wells, 1245 15th St., have been awarded contract for \$122,931 for building new Point Loma high school. Edwin T. Banning, architect.

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STOCKTON, San Joaquin Co., Cal.—Under July 23, 1924, P. M. bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.

STOCKTON, San Joaquin Co., Cal.—Until July 30, 4 P. M., bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.

SPARKS, Nevada.—E. K. Fowler, Reno, Nevada, at \$14,440, submits low bid to erect 4-room school for Sparks. Plans on file in office of County Superintendent of Schools at Sparks.

STOCKTON, San Joaquin Co., Cal.—Under July 23, 1924, P. M. bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.

LA BURENTE, Los Angeles Co., Cal.—Under July 23, 1924, P. M. bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.

NAPA, Napa Co., Cal.—Until July 23, 1924, P. M. bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.

PALO ALTO, Santa Clara Co., Cal.—The Palo Alto Sheet Metal Works, 521 Havana St., were awarded the contract at \$174 for sheet metal work and M. W. Overholser of Palo Alto, at \$144 for the plastering of the school building with the new elementary school building from plans by Architects Allison & Allison, Hibernian Bldg., Los Angeles, and George M. Clarke, 600 Embarcadero Rd., Palo Alto.

POINT ARENA, Mendocino Co., Cal.—Bids were received on July 15th, by the Board of Trustees of the Point Arena Union High School District for the construction of a one-story frame auditorium building from plans prepared by Architect Norman R. Coulter, at Kearny St., San Francisco. The contract was awarded to L. A. Bilderbeck of Bonville. Following is a complete list of the bids:

L. A. Bilderbeck, Bonville, bid No. 1, \$5600 bid No. 2, \$3449.
Peter Jensen, San Francisco, (1) \$38,149; (2) \$3549.
West Coast Const. Co., San Francisco, (1) \$3670; (2) \$3470.
Joe Piasecki, San Francisco, (1) \$7945; (2) \$8210.
Peter Jensen, San Francisco, (1) \$8175; (2) \$3875.

Bid of Peter Jensen thrown out because no certified check accompanied it.

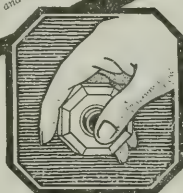
Bid of Joe Piasecki thrown out because the bid bond was not made out to the Point Arena Union High School.

SACRAMENTO, Cal.—Until July 23, 1924, P. M. bids will be received for alterations and additions to present school including construction of a septic tank and sewer system. Plans on file in office of County Superintendent of Schools at Willows.



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PORTLAND, Ore.—O. R. Wyman, Worcester Bldg., a tapprox. \$818,000 awarded contract by Medical Arts Buildings Co. to erect 6-story reinforced concrete, 100 by 200 ft. medical office building in Taylor St., bet. 10th and 11th sts. Houghtaling and Dougan, architects, Gearin Bldg., Portland.

THEATRES

Contract Awarded.
STORE & OFFICE. Cost, \$58,593
PALO ALTO, Santa Clara Co., Cal.
Two-story reinforced concrete store and office bldg. (9 offices on 2nd floor).
Owner—Fraser Drygoods Co., Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Wells P. Goodenough, \$59,696; alt. A, \$508; B, \$106; C, \$1208; D, \$100; E, \$792; F, \$72; contract awarded on alt. C, deduct for substituting pine interior for oak.
The other bids were:
John Madsen, \$60,450, \$680, \$110, \$1280, \$115, \$1000, \$125.
Ralph Philbert, \$61,386, \$700, \$100, \$1134 \$187, \$554, \$113.
Hernond & Chalkin, \$57,377, \$2300, \$— \$767, \$47, \$660, \$112.
C. A. Brady, San Francisco, \$61,831.

Plans Being Prepared.
THEATER BLDG. Cost, \$90,000
SAN FRANCISCO, Mission St., bet. 26th and 27th (Aztec Theatre).
One-story reinforced concrete class A motion picture theatre bldg. (1000 seats).
Owner—F. J. Young Imp. Co.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

It is planned to erect store buildings adjoining the theatre covering 350 ft. frontage. Further information will be given later.

LOS ANGELES, Los Angeles Co., Cal.
—Architect, Carlton M. Winslow, 921 Van Nuys Bldg., is preparing plans for to be erected at Carthay Center for Joe Topitzky and associates. It will be of Spanish Colonial architecture and will have a seating capacity of about 900 people, restrooms, lounges, foyer, balcony, checkrooms and large arcade. Reinforced concrete construction, 158x30 ft. stage, will be 34x56 ft., gas heating system, ventilating system, plate glass, cement, tile and hardwood floors. Cost, \$150,000.

SAN BERNARDINO, San Bernardino Co., Cal.—Architect Howard E. Jones, 445 4th St., is preparing plans for a three-story Class A store, theatre and office building to be built at the southeast corner of 5th and E streets by Frank C. Platt Inv. Co. Dimensions 100x170 ft., reinforced concrete construction, plaster exterior, art stone work, ornamental electric elevator, fine store rooms and theatre seating 1800 on first floor and 46 offices above. Estimated cost, \$400,000.

ALHAMBRA, L. A. Co., Cal.—G. E. Penn, Alhambra, was low bidder for Class A theatre building to be erected at 1721 W. Main St., Alhambra, for Clementena Hickman. Loy L. Smith, Byrne Bldg., archit. It will be known as the Indian Theater and will have a seating capacity of about 1300 people, foyer lobby and court entrance, brick walls, 90x200 ft., 1-story and part basement, plaster ext., tile fig., cem. and tile fls., gas htg., art work, plate glass, steel stair work, mural decorations, asbestos curtain.

LONG BEACH, Los Angeles Co., Cal.—Slebert & Goodrich Bldg., associated with Frank Wynkoop, Kress Bldg., Long Beach, assoc. architect and engineers, have prepared preliminary sketches for a \$350,000, two-story theatre and office building to be erected at the southwest corner of Seventh St. and Redondo Ave., Long Beach, for A. T. Shaw. Stucco exterior, tile and composition roof, plate glass store fronts.

LONG BEACH, Los Angeles Co., Cal.
—Architects Davies & Baum, 103 Farmers & Merchants Bank Bldg., Long Beach, have prepared sketches for a \$100,000, 1200-seat, 1-story store and theatre building to be erected at the southeast corner of Anaheim St. and Raymond Ave., Long Beach, for Henry Baker, Boise, Idaho. J. R. Berry is the owner of the site. Full stage equipment.

BEVERLY HILLS, L. A. Co., Cal.
—Carpenter Bros., 109 Canyon Dr., Beverly Hills, have the general contract at \$105,575 for erecting a 2-story store and theatre bldg. at 202 Beverly Dr. Beverly Hills, for D. M. Quinlan, to be occupied by the West Theaters, Incorporated. L. A. Smith, Lilly-Fletcher Building, 3rd St. and Western Ave., 2 studios and 1500-seat theatre. Found., 100x150 ft., stucco ext., art stone trim cm., wood, brick and tile fls., comp. rf., marble toilet partitions, steel beams sprinkler system, gas rads.

WHARVES AND DOCKS

LOS ANGELES, Cal.—Bids. rec. by harbor comm. as shown by bonds or checks recd., for creosoted ties, piles, and lumber under spec. 614, were: Chas. R. McCormick Co., \$13,300 bond; H. A. Browning Lbr. Co., \$12,126 bond; J. H. Baxter & Co., \$12,800 cert. chk.

OCEANSIDE, Cal.—City Engr. Barnwell, G. W. Wisdom and Dr. Y. P. Parillo are members of a committee to investigate proposition to construct new pier, 1000 ft. long, 20 ft. wide, of creosoted timber; est. cost, \$30,000.

HUNTINGTON BEACH, Cal.—City trustees order election on \$100,000 bond issue to erect extension to municipal pier and a boat landing; extension will be 500 ft. long, carrying the pier into the water 27 ft. deep.

NEWPORT BEACH, Cal.—Supervisors have provided \$5000 for const. wharf and loading crane at Newport harbor.

BENICIA, Solano Co., Cal.—See "Water Works," this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

SEATTLE, Wash.—Rounds-Clift Co., Walker Bldg., Seattle, and Puget Sound Bridge & Dredging Co., Central Bldg., Seattle, awarded contract by Standard Oil Co. to construct distributing terminal on Lake Union. Approximately \$250,000 will be expended in the work. Rounds-Clift contract covers garage, warehouse, pumpin house, loading platforms, boiler house and several smaller buildings. Puget Sound contract covers construction of wharf, 30 feet wide and 150 feet long.

MARTINEZ, Contra Costa Co., Cal.—Fire losses were suffered as follows in this city recently: Contra Costa Mercantile Co., \$35,000; blacksmith shop and machinery warehouses of John M. Aguista, \$20,000 postoffice and its equipment and mail, \$15,000; residence of Frank Dal Porta, \$5000; Dal Porta's garage, \$20,000; Hotel Oakley, \$150,000; butcher shop of James Colombo, \$10,000.

SANTA CLARA, Santa Clara Co., Cal.—Knights of Columbus will raise \$100,000 to finance construction of a new observatory for Father Jerome Ricard at the Santa Clara University. Harry I. Mulcrevy, of San Francisco, will conduct the campaign for funds.

LONG BEACH, Cal.—Until 10 A. M., July 25, bids will be rec. by council to const. screen house and one Trucon steel type 1, lean-to for a compressor observatory for sewage disposal plant, on El Dorado St. Spec. C-246 and plan No. A-231. The screen house shall be 48x 64 ft. with a sidewall height of 13.5 ft. The lean-to shall be 12x30 ft. Cert. of bond, 10%. C. H. Windham, city manager, R. D. Van Alstine, city engineer.

NAPA, Napa Co., Cal.—Until Aug. 12 10 a. m. bids will be rec. by Hanes A. Daly, county clerk, to fur. 2000 bbls. Portland cement, delivered to rr. points in Napa Valley. Cert. check 10% payable to Chairman of Board of Sups. req.

SAN FRANCISCO—Until July 24, 2 P. M., bids will be rec. by State Board of Harbor Commissioners, Ferry Bldg., to const. pile driver scow. Cert. check 5% payable to Secy. of Board req. with bid. Plans obtainable from Frank G. White, chief engineer, Room 18, Ferry Bldg., on deposit of \$10, returnable.

SAN MATEO, San Mateo Co., Cal.—W. J. Moyler, manager of Pacific City (amusement park), announces plans will be made at once to rebuild and improve various sections of the amusement center. The structure will be arranged in the form of a horse-shoe to form a wind break and a number of new buildings will be erected including an indoor swimming tank, open air theatre, etc.

BAKERSFIELD, Kern Co., Cal.—Capt. L. M. Brokaw of Los Angeles has purchased several thousand acres of land in Cudday Canyon and plans to establish a country club and mountain resort on the Ridge Route, about 3-mi. from Lebec. Plans will provide for a clubhouse, a golf course, clearing for cabin sites and creation of a number of lakes.

Figures To Be Taken Next Week.
BOAT HOUSE \$8000 to \$10,000
OAKLAND, Alameda Co., Cal. Estuary west of Webster St. bridge.
One-story frame boat house 50x75. Lockers, showers etc.)
Owner—University of California.
Designer—H. E. Goodpaster, U of C, Berkeley.
Plans will be obtainable from L. A. Nichols, manager of associated students, University of California, Berkeley.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the index number of each opportunity.

8409—Nice, France, Importer, with good references, desires to represent San Francisco producers and manufacturers of goods suitable for sale in France.

8417—Callao, Peru. Large corporation desires to secure the services of a geologist and also an oil driller who will be willing to work for a period of years in Peru.

8418—San Francisco, Cal. Gentleman with six years' foreign trade experience in Spain and Mexico, expert Spanish in all phases of export sales and corresponding desiring to establish local foreign trade house, either here or abroad. Excellent references.

9419—San Francisco. Gentleman with three years' practical experience handling all phases of export sales and executive work in San Francisco for national manufacturers, desires opening with local foreign trade house.

8420—Los Angeles, Cal. Gentleman with wide sales and executive experience is available to act as representative of San Francisco exporters and importers in the Southern California market.

D-1311—San Francisco. Newcomer desires connection with bond house, trust company or bank. Has 13 years' experience in such work both as salesman and manager. Bears first-class credentials.

D-1317—Chicago, Ill. Manufacturer of wrought iron curtain poles desires local representative agency, calling upon interior decorative trade.

D-1318—Decatur, Ill. Manufacturers of soda fountains and store fixtures desire representative on commission basis.

Official Proposals

NOTICE TO BIDDERS

(Rising Sun Joint School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Rising Sun Joint School District of Stanislaus and San Joaquin Counties, State of California, up to 10 A. M., July 31st, 1924, at the office of the County Superintendent of Schools of Stanislaus County, in the County Court House, at Modesto, Calif., for the general erection and completion of a school building for the above named District, in accordance with the plans and specifications prepared for the same by J. H. Hoose and Victor Galbraith, authorized architects, employed by the Board; bids will be opened at the above mentioned time, in the said County Superintendent's office.

Bids will be received on a general contract including everything shown and specified with alternate propositions.

Plans and specifications may be had at the residence of Mr. Geo. C. Delphia, Vernalis, Calif., Clerk of the Board, or at the office of Victor Galbraith, Architect, 208 Elks Bldg., Stockton.

A deposit of ten dollars (\$10.00) will be required on all plans loaned out, which sum will be repaid upon the return of the plans and specifications in a whole and undamaged condition.

All bids to be made out on blank forms furnished by the Architect, and must be accompanied by a check for not less than ten per centum (10%) of the amount of the bid, made payable to Geo. C. Delphia, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within three (3) days to sign the contract and furnish good and sufficient bond as required by law.

The Board reserves the right to reject any or all bids.

All bids to be addressed to Geo. C. Delphia, Clerk of the Board of Trustees of Rising Sun Joint School District, Office of County Superintendent of Schools, Modesto, Calif., and shall be marked on the exterior, Bid on the Rising Sun School.

Dated this 12th day of July, 1924.

GEORGE C. DELPHIA,
Clerk of the Board of Trustees of the
Rising Sun Joint School District.

TO CALL BIDS SHORTLY FOR STEEL COAL TRESTLE

NOTICE TO CONTRACTORS

The Bureau of Yards and Docks invites your attention to the fact that it will open proposals, in the near future, on Specification No. 4923, Steel Coal Trestle, Naval Coal Depot, Tiburon, California. The work includes removing existing wood bents and stringers and erection of new steel bents and stringers, new decking and minor accessories.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding data.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., on July 28, 1924, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

San Mateo County, between South San Francisco and Broadway Station (IV-S.M.-68-E), about five and two-tenths (5.2) miles in length to be graded.

The roadway embankment is to be constructed by one of the following methods:

(1) Restraining levees constructed of side borrow material, and the space between the dykes filled with material pumped in from borrow pits located in tide water.

(2) Embankment constructed of material obtained from side borrow.

(3) Embankment to be constructed of material hauled in from Belle Air Island.

Either concrete or timber structures are to be constructed through and under the roadway and the Commission reserves the right to award a separate contract for the construction of the structures under the roadway.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineer at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willis, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

Representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate

the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. This special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,

California Highway Commission.
R. M. Morton,

State Highway Engineer.
W. F. MCKON, Secretary.

Dated June 30, 1924.

NOTICE TO CONTRACTORS

(Circulating Water Discharge Loop—Pearl Harbor, T. H.)

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 5001, circulating water discharge loop, Naval Operating Base (Cavay), Pearl Harbor, T. H. The work includes a circulating water discharge loop, consisting of a 54-inch precast concrete pipe, extending from Point G on south side of central power house a distance of approximately 650 feet. The work also includes the installation of manholes, etc.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding data.

BIDS TO BE CALLED FOR SHORTLY FOR REMOVAL OF FENDER SYSTEM AT COAL DEPOT

NOTICE TO CONTRACTORS

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 5002, Removal of Fender System, Coal Depot, Tiburon, California. The work consists of the removal of present fender system, including fenders, fender piles, wales and dolphins and the installation of a new fender system at the Naval Coal Depot.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding data.

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General Listing Bureau

Architect's Preliminary Estimates

Engineering News Section

BRIDGES

STOCKTON, San Joaquin Co., Cal.—Until Aug. 5, 11 A. M., bids will be rec. by Eugene Graham, county clerk, to remove present bridge and const. rein. conc. bridge over Bear Creek on Eight Mile road, $\frac{1}{2}$ mile west of Cherokee Lane, in Rd. Dist. Nos. 1 and 2. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from County Surveyor F. E. Quail on deposit of \$10, returnable.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor E. B. Peugh preparing spec. for three small bridges on the Beltline highway. Bids will be asked shortly.

LOS ANGELES, Cal.—Hogan Constr. Co., 6106 S. Central Ave., awarded contract by Bd. Pub. Wks. at \$25,500 to const. reinf. concr. bridge across Tacomina Wash on San Fernando Rd.

SALINAS, Monterey Co., Cal.—County Surveyor Howard Cozens instructs to prepare plans for bridge over Pajaro river at Mud Flat rd.

MARYSVILLE, Yuba Co., Cal.—Bids will be asked shortly by supervisors to const. Simpson Lane bridge over Yuba river.

SUTTER COUNTY, Calif.—Harry Koonz, Headborough, at \$17,900 submits low bid to State Reclamation Board, Forum Bldg., Sacramento, to const. 7 timber bridges over Tisdale and Sutter By-Pass in Sutter county. Other bids, all under advisement, were Bayles and Ferguson, \$19,867; West Coast Construction Co., \$13,451; J. L. Webster, \$20,600; M. B. White, \$21,297; Olympian Dredging Co., \$27,332.

YUBA CITY, Sutter Co., Cal.—County supervisors authorize preparation of plans for causeway to Nicolaus bridge, a unit in the Garden highway. Plans will receive the approval of the War Department before construction bids are asked. Est. cost \$180,000.

AUBURN, Placer Co., Cal.—Until Aug. 5, bids will be rec. by A. S. Fleming, county clerk, to const. bridge over Bear river on road between Colfax and Grass Valley, work to be financed by Placer and Nevada counties.

SUTTER COUNTY, Cal.—Bayles and Ferguson, Colusa, at \$18,867 awarded cont. by State Reclamation Board to const. 7 timber bridges in Sutter County over Tisdale and Sutter By-Passes.

WEAVERVILLE, Trinity Co., Cal.—County Surveyor J. W. Phillips purchasing materials for 84 ft. steel span bridge with conc. filled cylinder piers to be erected over East Fork of Trinity river. Will be constructed by day labor.

NAPA, Napa Co., Cal.—Until Aug. 12, bids will be rec. by Jas. Daly, county clerk, to const. approx. 14 small conc. bridges in various sections of county. Plans on file in office of clerk.

PLACERVILLE, El Dorado Co., Cal.—County Surveyor Henry Lahiff preparing spec. for rein. conc. bridge to span Middle Fork of Consummes river at Bechers Bar.

SAN BERNARDINO, Cal.—Miller Constr. Co., San Bernardino, awarded cont. by the Santa Fe Ry. to const. conc. wall to shorten length of Devore bridge over Cajon Creek. The work will involve filling in embankment and straightening the course of the creek. The present bridge is 1000 ft. long, and this will be reduced by one half.

YUBA CITY, Sutter Co., Cal.—Until Aug. 5, 10 A. M., bids will be rec. by Albert B. Brown, county clerk, to repair Long Bridge over Butte Slough bet. Sutter and Meridian. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk and obtainable from county surveyor on deposit of \$5.

VENTURA, Cal.—County supervisors plan const. of bridge over Sycamore Creek on state highway.

LOS ANGELES, Cal.—Frank H. Greene, 1328 S. Western Ave., submitted low bid to Bd. Pub. Wks. \$8298 to const. conc. bridge across Santa Ynez Creek on the Malibu Rd. near Marquez Ave., involv. steel rods in place at \$1000 (lump sum); 253 cu. yds. class A conc. \$26 yd.; 1200 lin. ft. piling in place 60c lin. ft.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler preparing spec. for conc. culvert on Ravensburg Ave. in Supervisor District No. 5.

FRESNO, Fresno Co., Cal.—Until Aug. 2, 2 P. M., bids will be rec. by D. M. Barnwell, county clerk, to const. 2 rein. conc. bridges near Centerville, involv. 300 cu. yds. rein. conc. Plans obtainable from County Surveyor Chris. P. Jensen, Cory Bldg., Fresno.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—San Francisco Bridge Co., Nevada Bank Bldg., San Francisco submitted low bid to harbor commission at 12.5c cu. yd. for dredging and removing approx. 540,000 cu. yds. material in slip at Berth 228. Other bids were: United Dredging Co., 14.35c; Western Dredging Co., 15.3c; L. A. Dredging Co., 18.24c.

SEATTLE, Wash.—City council appropriate \$100,000 to finance construction of bulkheads along Harbor avenue southwest and Alki avenue in West Seattle District.

LOS ANGELES, Cal.—Stroud Bros. & Seabrook, 1607 W. Adams St., submitted low bid to public service comm. at 16c lin. ft. for exca. approx. 39,000 lin. ft. trench for the Lankershim trunk line. Trench to be 42 in. wide and 6 ft. deep, extending from Roscoe St. to Universal City, at Ventura Blvd., under spec. 722-A. Other bids were: Thos. Haverty Co., 22c; Miller & Hood, 30c; Martin G. Brkch, \$1.24.

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SANTA ANA, Cal.—Until 7:30 p. m., July 29, bids will be rec. by directors of Newhope Drainage Dist., rm. 212, First Nat. Bank Bldg., Santa Ana, to const. drainage system, involv. (1) trenching and backfill all pipe, with const. of structures necessary to complete the system; approx. quantities are: 9058 ft. 24-in., 2770 ft. 21-in., 3080 ft. 18-in., 15,292 ft. 15-in., 3308 ft. 14-in., 7799 ft. 12-in., 26,207 ft. 10-in., 40,166 ft. 8-in. pipe; (2) the trench, furnish, lay and backfill 2 30-ft. lengths of 14-in., one 30-ft. length of 16-in., three 30-ft. lengths of 12-in., and one 126 ft. length of 10-in. corr. iron pipe; (3) the excavation for and the construction of, complete with furnishing of all equip., labor and material, for the following one conc. sand box; 80 manholes; 23 observation holes; incidental structures devices and work. Plans obtainable from Alice Cole, secy., on deposit of \$5.

LONGVIEW, Wash.—Until July 23, 12 M. bids will be rec. by Longview, Portland and Northern Railway Co., for leasing of fully manned and equipped hydraulic dredge, at fixed sum per day, for the const. of embankment for roadbed for railroad, lying west of the Cowlitz river in Cowlitz county, Wash. Dredge is to be placed in river and material pumped in 3 sections of embankment as follows: Sec. 1, 2900 ft., requiring approx. 85,000 cu. yds., max. length of pipe line approx. 3000 ft., approx. lift from 35 to 45 ft.; Sec. 2, length 1500 ft., requiring approx. 35,000 cu. yds., max. length of pipe line 2500 ft., approx. lift 30 ft.; Sec. 3, length 6000 ft., requiring approx. 75,000 cu. yds., max. length of pipe line about 6000 ft., approx. lift 30 ft. Spec. obtainable from engineer on deposit of \$10, returnable.

IRRIGATION PROJECTS

MANTECA, San Joaquin Co., Cal.—No bids rec. by South San Joaquin Irrigation District for purchase of \$430,000 bond issue to finance construction of irrigation works. New bids will be asked or the bonds disposed of at private sale.

SAN DIEGO, Cal.—Election will be held July 29 to vote formation of Lakeside Irrigation dist., comprising 300 acres.

SANTA CRUZ, Ariz.—Election will be held August 20 in Pima county to vote on formation of Santa Cruz Irrigation Dist., embracing 14,500 acres in the county.

OROVILLE, Butte Co., Cal.—J. S. Greaves, 224 Forum Bldg., Sacramento, at \$5130 awarded cont. by Thermalito Irrigation District to const. 1100 ft. of ditch and diverting dam, including about 1350 cu. yds. solid rock excavation; 1000 lin. ft. dry wall; 4000 sq. ft. cement plaster ditch lining; 70 cu. yds. conc. masonry.

EL CENTRO, Cal.—Construction of main drain outlet of drainage works of the Imperial Irrigation Dist., El Centro, will be done by the district under the direction of its own supt.

MESA, Ariz.—Arrangements completed and approved to finance and const. Auxiliary Eastern Canal Irrigation project which will reclaim 41,000 acres of land in the Salt River Valley. Jasper-Stacy Co. will do the work and accept the district's \$2,000,000 bond issue in payment for services.

COSTA MESA, Cal.—F. E. Evans, Costa Mesa awarded cont. by Newport-Mesa Irrigation Dist. at \$18,556 to construct certain extensions and install pipe for the district.

NEVADA COUNTY, Cal.—State Railroad Commission has approved agreement entered into between Pacific Gas and Electric Co., 445 Sutter St., San Francisco, and Nevada Irrigation District for the construction of water storage and diversion works by Nevada Irrigation District in Nevada County, and the delivery of water therefrom to Pacific Gas and Electric Company at a plant to be constructed adjacent to the Spaulding Reservoir, in conformity with negotiations recently brought to a successful conclusion under the direction of the Railroad Commission. The use of water delivered in the development of power by Pacific Gas & Electric Company at its existing plants, and at plants which may be constructed in the future, is provided for in the contract. Also, the re-delivery of the water to the Nevada Irrigation District for irrigating lands in Nevada county. Agreement also provides for the payment by Pacific Gas and Electric Co. for the use of water through its hydro-electric plants and for the purchase of water, if required, by Nevada Irrigation District from Pacific Gas and Electric Company. Project will call for the expenditure of approximately \$8,000,000 for water and hydro-electric works, and will result in the irrigation of upwards of 140,000 acres of land, in addition to the development of large amounts of hydro-electric energy.

LOS ANGELES, Cal.—Bids rec. by public service comm. for 1800 pcs 12-in. class B cast iron pipe, o 12-ft. lengths, and (2) 1000 pcs. 8-in. class B 12-ft. lengths, under spec. 722-B, were: National Cast Iron Pipe Co. \$57.06 per ton; 12-in. \$2,299.5 per ft.; 8-in. \$1,329.4 per ft.; De Lavaud: 12-in. \$2,573.8; 8-in. \$1,446.1.

American Cast Iron Pipe Co.—\$56.24 per ton all sizes; 12-in. \$2,308.6 per ft.; 8-in. \$1,357.7 per ft.

Thomas Haverly Co.—\$57.25 per ton all sizes (4-metre lengths). U. S. Cast Iron Pipe & Foundry Co.—12-ft. lengths \$2,268.8 and \$1,312.7 per ft.; 5-metre lengths \$2,268.8 and \$1,312.7 per ft.; De Lavaud, pipe \$2,195.4 and \$1,262.7.

Pacific Pipe & Supply Co.—Per C ft., in 4-metre lengths, \$234.69 and \$135.70. Grinnell Co. of the Pacific—4 metre lengths, \$2.22 and \$1.27 per ft.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council declares inten. to install ornam. lighting system complete, comprising 66 pressed steel posts, in Grand Ave., bet. Temple and 5th Sts., 1911 act.

LOS ANGELES, Cal.—Awards for ornam. street lighting work made by Bd. Pub. Wks. follow: Vermont Ave. bet. Middleburg St. and San Marino St. to J. C. Rendler, Inc., at \$82,666.

Washington St. betw. 8th Ave. and Rimpau Blvd. to H. H. Walker at \$36,930.

Washington St. betw. Vermont Ave. and Hobart Blvd. to H. H. Walker at \$30,484.

CHICO, Butte Co., Cal.—Bird Electric Co., Chico, at \$4749 awarded contract by council to install 39 electroliters in junction district.

TURLOCK, Stanislaus Co., Cal.—City trustees adopt 2-light 17½-ft. Union Metal Standard for lighting business section and 10½-ft. standard for residential sections. 3-y-r. bonds will be issued to finance the work.

SANTA MONICA, Cal.—Until 10 a. m. July 22, bids will be rec. by council to const. ornam. lighting system complete in California Ave., bet. Ocean ave. and 7th St.; 1911 act. Howard B. Carter, city engr.

SAN BERNARDINO, Cal.—Bids to install lighting system on Fifth St., bet. D and I Sts. rejected. Finley-Hunt Co. low bidder at \$12,400.

REDONDO, Cal.—Bids to const. 344 post lighting system through town of Redondo rejected by city trustees. H. Reid & Co., San Francisco, low bidders at \$95,900.

SAN GABRIEL, Cal.—Opening of bids for ornam. street lighting work postponed by city trustees from July 8 to July 22.

SAN BERNARDINO, Cal.—Council declares inten. to const. ornam. lighting system, consisting of conc. posts, wires, conduits, etc., in Second St., bet. 138 ft. west of P St. and the east line of I St.; 1911 act. J. H. Osborn, city clerk.

PALO ALTO, Santa Clara Co., Cal.—City council plans installation of electroliters in Hamilton Avenue. J. F. Byrbee, Jr., is city engineer.

HUNTINGTON BEACH, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, awarded contr. by city trustees at \$6,265 to const. lighting system in 11th St.

NAPA, Napa Co., Cal.—City council approves plans to install electroliter system in various streets; 153 standard in all; est. cost \$31,000. H. A. Harold, city engineer.

LOS ANGELES, Cal.—Osborn Electric Co., 450 California Terrace, Pasadena, awarded contr. by Bd. Pub. Wks. at \$176,298 to install ornam. lighting system in Vermont Ave., bet. Washington St. and 58th St.

MACHINERY AND EQUIPMENT

LOS ANGELES, Cal.—Fairbanks-Morse & Co., submitted only bid to harbor comm. at \$4380 for fur. 60 h.p. semi Diesel engine for the tug "Golden West," under spec. 627.

SACRAMENTO, Cal.—Until July 28, 5 P. M. bids will be rec. by Chas. C. Hughes secy., Board of Education, to fur. and del. vocational training equipment for high school. Cert. check 10% payable to Bd. of Educ. req. with each bid. Lists of materials desired obtainable from secy.

AUBURN, Placer Co., Cal.—Until Aug. 6, 8 P. M. bids will be rec. by Mary H. Wallace, city clerk, to fur. one Ford truck. Cert. check 10% req. with bid.

EUREKA, Humboldt Co., Cal.—Until Aug. 4, 7:30 p. m., bids will be rec. by Geo. B. Albee, secy. Board of Education, to fur. machines and other equipment for high school. Cert. check 5% req. with bid. Lists of materials desired obtainable from secy. on request.

STOCKTON, San Joaquin Co., Cal.—Colberg Motor Works, Stockton, at \$3560 awarded contr. by supervisors to construct Bouldin Road Ferry boat.

OAKLAND, Cal.—Bids will be asked at once by Eugene K. Sturgis, city clk., to fur. 60-h.p. caterpillar tractor for use of street department; est. cost \$6000. W. W. Harmon, city eng.

MAYFIELD, Santa Clara Co., Cal.—Town Trustees authorize purchase of tractor for street improvements; est. cost \$225.

SAN JOSE, Santa Clara Co., Cal.—Artana-Geoffroy Co., San Jose, at \$1754 awarded contr. by supervisors to fur. two 1-A Heil Hydro Hoists No. 5 with all-steel dump body.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for sale of two 5-ton Utility Trailers, rebuilt with fifth wheels with flat beds and no longer required by the county. Further information obtainable from clerk, Robt. Chandler, county surveyor.

LOS ANGELES, Cal.—Until 3 p. m. July 25, bids will be rec. by public service comm., 207 S. Eddy., for one 4-cyl. gasoline engine for installation on trenching machine; spec. 724-A. Jas. A. Vroman, secretary.

RAILROADS

LOS ANGELES, Cal.—Bids rec. by harbor comm. July 11, for tribly rails under spec. 615 were: U. S. Steel Products Co., Sec. A \$51.17 per ton, chk for \$6500; United Comm. Co. bid on but locks only at \$9.50; bond for \$300; Bethlehem Steel Corp., Sec. A, \$52.57; check for \$6137.81.

CASPER, Wyo.—Wyoming and Colorado Short Line R.R. Co. applies to Interstate Commerce Commission for authority to const. 380-m. line from Casper, Wyo., southwest to Colorado-Utah state line, traversing an unserved arid section, oil and gas territories, iron and coal fields and lumber regions.

FIRE ALARM SYSTEMS

PALO ALTO, Santa Clara Co., Cal.—Board of Public Safety (Fire and Police Departments) contemplate purchase of new signal horn, cost not to exceed \$2000, also the installation of 24 new alarm boxes. Howard Zink is chief of police.

FRESNO, Fresno Co., Cal.—Supervisors authorize installation of fire alarm system in county courthouse. D. M. Barnwell, county clerk.

FIRE EQUIPMENT

OROVILLE, Butte Co., Cal.—County supervisors authorize installation of burglar system in county courthouse, est. cost \$2150. C. F. Belding, county clerk.

FRESNO, Fresno Co., Cal.—Until July 24, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to fur. 9000 ft. standard, cotton rubber-lined fire hose with 2½-in. and 2-in. hose equipped with 2½-in. couplings. Cert. check 10% payable to city req. with bid.

COMPTON, Cal.—Election will be held shortly to vote bonds of \$40,000 to finance purchase of fire fighting equipment.

REDDING, Shasta Co., Cal.—Bids will be asked at once by Leslie Engram, city clerk to fur. fire hose in 500, 1000 and 2000 foot lengths.

FRESNO, Fresno Co., Cal.—Bids will be asked at once by city commissioners to fur. 9000 ft. fire hose. H. S. Foster, city clerk.

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REDDING, Shasta Co., Cal.—Until July 22, 5 p. m. bids will be rec. by Leslie Engram, city clerk, to fur. 1 c. b. Heddling, 2 1/2-in. double cotton jacketed, rubber lined fire hose, coupled in 50-ft. lengths, guaranteed to stand test of 400 lbs. sq. in. pressure, in following quantities: 500-ft., 1000 ft., 1500 ft. and 2000 ft. Cert. check 10% payable to Pres. Bd. of City Trustees req.

RESERVOIRS AND DAMS

MONTECITO, Cal.—Montecito Water Dist. planning to const. dam in Santa Ynez river. A tunnel of 500 to 800 ft. is to be const. through hills at upper end of reservoir to secure a temporary supply of water until dam is completed. Engineer Carl Wyant will be in charge of the tunnel work with Leeds & Barnard, Central Bldg., Los Angeles, consulting engrs.

LOS ANGELES, Cal.—County Flood Control Engr. James W. Reagan announces \$600,000 Dalton dam in vicinity of Palmdale will be the third project to be started following the Pacoima and Santa Anita project, under the \$35,000,000 flood control program.

PHOENIX, Ariz.—Federal Judge Fred C. Jacobs issues permanent injunction prohibiting const. of \$36,000,000 hydro-electric power dam project at Diamond Creek on Colorado river, launched by James B. Girand.

SAN DIEGO—City council has prepared ordinance appropriating \$33,000 for purchase of lands in San Vicente reservoir site.

EL DORADO CO., Cal.—El Dorado Power Co. (Western States Gas & Electric Co., Channel and Sutter Sts., Stockton, Cal.), plans hydro-electric power project of 24, 60 h. p. El Dorado county which includes power house above Kyburz and a rein. conc. dam 150 ft. high, 500 ft. long.

SACRAMENTO, Cal.—City of Sacramento contemplates construction of a dam and reservoir on American river near Folsom in the interests of flood control. Applications to construct have been filed with the State Division of Water Rights. The construction is not connected with the city's Silver Creek project for development of hydro-electric energy. Albert Givan, city engineer.

WICKENBURG, Ariz.—W. A. Farish, local engr. formerly city mgr. of Phoenix, will have charge of the rebuilding Walnut Grove dam, providing for storage of water for reclamation of approx 13,000 acres of lands lying bet. Agua Fria and Hassayampa river, in the vicinity of Wickenburg. Construction is to be under way by Jan. 1. Est. cost, \$3,000,000. The original dam, destroyed by flood in 1890, was 110 ft. high, 400 ft. long at the top and 130 ft. at the bottom. The side walls of the canyon are sand granite. Upon completion, the lands will be opened to settlers under the Carey act.

MIAMI, Ariz.—According to statement by U. S. Senator Ralph H. Cameron const. of San Carlos dam will start within next 8 mos. Government engineers will be ordered into Casa Grande valley at once to prepare preliminary data.

PIPE LINES, WELLS, ETC.

MARYSVILLE, Yuba Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will expend \$3325 in installing larger gas mains in portions of A, F, 7th, 8th and 9th Sts.

LOS ANGELES, Cal.—Walter I. Osborn submitted low bid to public service comm. at \$11.95 per C ft. for 1800 pcs. class B 12-in. c. l. pipe in 12-ft. lengths, of 985 lbs. wt. per length, and 1000 pcs. 8-in. class B pipe in 12-ft. lengths, of 985 lbs. wt. per length, and spec. 722-B. Other bids were: Crane Co., \$17.05; Mark-Lally Co., \$17.45; Pacific Pipe & Supply Co., \$17.77; Pac. Supply Co., \$17.52; A. B. Weil Co., \$17.57; Busch Pipe & Supply Co., \$17.80; U. S. Steel Products Co., \$18.08; Associated Supply Co., \$18.04; Thomas Haverly Co., \$18.51; N. O. Nelson Mfg. Co., \$18.56; Fairbanks-Morse & Co., \$21.45.

SANTA ANA, Cal.—See "Dredging, Harbor Works and Excavations," this issue.

ANAHEIM, Cal.—The \$110,000 water bond issue has been sold to Anglo-London-Paris Co. at \$3412. The city council has adopted an ordinance calling for bids on cast iron water pipe.

ANAHEIM, Cal.—Until 8 p. m. Aug. 21, bids will be rec. by council for 875 ft. 4-in. and 800 ft. 6-in. class C cast iron water pipe. O. E. Steward, city engr.; Edw. B. Merritt, city clerk.

MONROVIA, Cal.—Until 7:30 P. M., July 21 bids will be rec. by city trustees for 10,000 ft. 6-in. std. screw dipped pipe with recess couplings or Matheson joint pipe, and 10,000 ft. 8-in. riveted steel pipe or Matheson joint pipe. Spec. on file at the office of the city engr., H. S. Gierlich. Cert. check 10%. Lewis P. Black, city clerk.

SEWAGE DISPOSAL PLANTS

COMPTON, Cal.—Election will be held shortly to vote bonds of \$40,000 to finance construction of sewage disposal plant.

SAN DIEGO, Cal.—Mayor John L. Bacon submits to council a report of C. G. Gillespie on sewage disposal. Gillespie, sanitary engineer of the state department of health, recommends new sewer outfall in deep water of bay. Pollution of bay waters from sewage is unsanitary & detrimental to health of city's inhabitants, according to Gillespie's report. He recently completed a survey of the city's sewage problem at the request of the mayor.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Until July 24, 2 p. m., bids will be rec. by State Board of Harbor Commissioners, Ferry Bldg., to const. pile driver scow. Cert. check 5% payable to secy of Board req. with bid. Plans obtainable from Frank G. White, chief engineer, Room 18, Ferry Bldg., on deposit of \$10, returnable.

WATER WORKS

SELMA, Fresno Co., Cal.—Fresno City Water Corp. will start work within 2 months on installation of larger water mains, costing about \$11,000. Selma now has 18 mi. of water mains, 10% of which are 6-in., and 3% 8-in. pipes. The improvements call for 3430 ft. 8-in., 675 ft. 6-in. and 540 ft. 4-in. pipe. The additional pipe is needed also for fire protection.

BAKERFIELD, Kern Co., Cal.—Until Aug. 4, 7:30 p. m., bids will be rec. by B. R. Fitzgerald, clerk Kern County Union High School District, to fur. and install deep well turbine pump and motor at school grounds. Cert. check 10% payable to dist. req. with bid. Plans obtainable from office of Principal, high school building.

LANKERSHIM, Cal.—Election will be held Aug. 26 to vote \$850,000 water bond issue to install complete water system.

GRIMES, Colusa Co., Cal.—Until July 23, 8 P. M., bids will be rec. by Ben Hine, Clerk, Grand Island Union School District, to install pressure water system. Spec. on file in office of County Supt. of Schools at Colusa.

BENICIA, Solano Co., Cal.—J. A. Whico, consulting engineer, Wells Fargo Bldg., San Francisco, preparing plans for auxiliary water system for Benicia Water Co., the city having option to purchase plant when desired. Work consists of new wharf 110 ft. in length, 24 ft. wide; est. cost, \$12,500 and installation of pumping plants.

SEATTLE, Wash.—Geo. F. Russell, Supt. of Muny Water Department, recommends to council purchase of 500,000-gal. stand pipe for West Seattle District.

FAIRFIELD, Solano Co., Cal.—Until Aug. 2, 12 m., bids will be rec. by E. P. Kemp, clerk, Armijo High School District, to fur. auxiliary hot water plant for shower baths at high school. Cert. check 10% req. with bid. Plans obtainable from clerk at high school.

EL CENTRO, Cal.—Former Mayor Will S. Fawcett has purchased \$200,000 water bond issue for a premium of \$2500.

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PLAYGROUNDS AND PARKS

STOCKTON, San Joaquin Co., Cal.—Chamber of Commerce has submitted plans and specifications to City Manager Chas. E. Ashburner for proposed municipal auto camp; est. cost \$12,000.

LOS ANGELES, Cal.—City Playground Comm. approved Cabrillo Beach project, San Pedro, for const. of municipal playground with athletic field for Army and Navy, including bandstand, picnic grounds, etc. The harbor commission has notified the playground commission that rock for the necessary 4500 ft. seawall 25 ft. high, to extend from the present government breakwater to a location near the Point Firmin Lighthouse, can be secured from the United Dredging Co. at 9c cu. yd. instead of \$1.87 as offered by the Catalina Island quarries. The harbor authorities have approved the \$16,000 estimate for the wall. The playground authorities are to appropriate \$250,000 for the construction of this recreation ground.

CALWA, Fresno Co., Cal.—Election will be held July 31 in Calwa School District to vote direct tax of \$4,000 to pay off old school indebtedness and to finance erection of fencing around school grounds. J. H. Chambers is clerk of district.

PETALUMA, Sonoma Co., Cal.—Until July 23, 7 p. m., bids will be rec. by Wilson School District to construct 2 tennis courts on school grounds. Further information obtainable from clerk.

SAN FRANCISCO—Special committee has been appointed by the Board of Supervisors to consider plans for the establishment of a park on the Marina as a unit in national defense and a municipal air terminal. The project is urged by the San Francisco Filers Club and is proposed as a memorial to Lincoln. Considerable landscape work will be involved.

LOS ANGELES, Cal.—Park Commission approves plan to provide park and playground in 300 ft. parkway strip between Lexington and Fountain Aves., comprising 100 acres.

SEWERS & STREET WORK

OAKLAND, Cal.—Until July 24, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. Buster St. from Galindo St. n.e. Invol. 961 cu. yds. excavation; 507 lin. ft. conc. curb; 1014 sq. ft. conc. gutter; 6556 sq. ft. oil macadam pavement; 2534 sq. ft. cem. walks. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

ROSEVILLE, Placer Co., Cal.—Pacific States Const. Co., Call Bldg., San Francisco, at approx. \$33,500 awarded cont. by city trustees to pave portions of Riverside Ave., etc., invol. 58,000 sq. ft. asph. conc. pavement; 820 sq. ft. Willite pavement and 58,000 sq. ft. grading; 1292 lin. ft. 14-in. vit. sewer pipe; manholes, catchbasins, etc. Other approx. bids were: J. A. Costello, \$47,391; F. L. Carson, \$25,302; Calif. Const. Co., \$37,126; A. Teichert & Son, \$35,267.

SAN ANSELMO, Marin Co., Cal.—Town Eng. instructed to prepare plans to imp. Greenfield and Laurel Aves. A. W. Studley, town clerk.

SAN RAFAEL, Marin Co., Cal.—No bids rec. by supervisors to furnish and spread 2000 cu. yds. crushed rock on Tomales-Petaluma county road. Work ordered done by day labor under supervision of county engineer.

YREKA, Siskiyou Co., Cal.—Dunn & Baker, Hornbrook, Cal. at \$8200 awarded cont. by supervisors to gravel Dorris to McDoel rd. Bid was \$2.33 cu. yd. Other bids: F. L. Truax, \$10,000; John Stuart, \$9950.

OAKLAND, Cal.—Schnoor Bros., at \$224 sq. ft. awarded cont. by council to const. concrete slabs in portions of E-1st and Bruce Sts.

OAKLAND, Cal.—Until July 24, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. Fresno St., bet. Church and 73rd Aves., invol. 2460 cu. yds. excavation; 2053 lin. ft. conc. curb; 4105 sq. ft. conc. gutter; 28,567 sq. ft. oil macadam pavement; 12,316 sq. ft. cem. walks. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

STOCKTON, San Joaquin Co., Cal.—Until July 28, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to imp. portion of Castle St., invol. 1929 cu. yds. cut; 40 cu. yds. fill; 624 lin. ft. conc. curb; 1630 lin. ft. comb. curb and gutter; 8309 sq. ft. walks; 44,148 sq. ft. 4-in. rock base, 2-in. asph. conc. surface pavement; 17,669 sq. ft. 3-in. rock base and 2-in. asph. conc. surface pavement; 624 lin. ft. 4-in. drain tile; 18 lin. ft. 8-in. pipe; 1 catchbasin. Cert. check 10% payable to City Auditor req. W. B. Hogan, city eng.

STOCKTON, San Joaquin Co., Cal.—Until July 28, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to construct storm water sewer in Pacific Manor, either pre-cast conc. pipe or vitrified pipe, invol. 2700 lin. ft. 8-in. 530 lin. ft. 10-in., 921 lin. ft. 12-in., 190 lin. ft. 14-in., 1102 lin. ft. 16-in. sewer pipe; 879 lin. ft. 20-in. pre-cast conc. pipe or 879 lin. ft. 21-in. vit. pipe; 279 lin. ft. 24-in. sewer pipe; 36 ft. or of catchbasins; 14 4-ft. br. manholes; 7 5-ft. br. manholes. Cert. check 10% payable to city auditor req. W. B. Hogan, city engineer.

OAKLAND, Cal.—Until July 24, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of 69th Avenue Place, bet. 69th Ave. and Weld St. and portions of 69th Avenue Place and Weld St., adjacent to 69th Avenue Pl. invol. 58,368 sq. ft. grading; 2623 lin. ft. conc. curb; 5264 sq. ft. conc. gutter; 38,007 sq. ft. oil macadam pavement; 13,005 sq. ft. cem. walks; 26 lin. ft. 6x20 in. wood culvert; 52 lin. ft. 8x24-in. corr. iron and conc. culvert. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 4, 11 a. m., bids will be rec. by J. H. Wells, city clerk, to pave Giant to San Pablo Tank Farm Highway, invol. 108,561 sq. ft. 4½-in. thick, asph. conc. pavement; 2100 cu. yds. embankment. Bids previously received for this work rejected. T. J. Sayles, Martinez, at \$30,832 submitted lowest bid under last call. R. R. Arnold, county surveyor.

LARKSPUR, Marin Co., Cal.—Directors of Sanitary Board of District No. 4, Marin county, declare inten. (No. 1) to const. 8-in. and 8-in. sanitary sewers, manholes, lampholes and connections in portions of Madrona and Redwood Aves. and Bell Rive Place. Protests July 28.

OAKLAND, Cal.—Until July 24, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. E-19th St., bet. 6th and 7th Aves., invol. 30 lin. ft. 10-in. and 254 lin. ft. 8-in. pipe sewer; 1 manhole; 1 lamphole; 10 manhole branches. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SAN ANSELMO, Marin Co., Cal.—Town trustees order plans prepared to curb, gutter, pave and install electroliters in Moraga Court, a new subdivision at Red Hill Ave. and Butterfield Rd. Total est. cost \$100,000. Arthur Studley, town clerk.

SAN DIEGO, Cal.—Steele Finley, Santa Ana, awarded cont. by supervisors at \$92,259 to imp. portion of San Luis Rey Rd. No. 2 from point in Guadalupe Rancho to a cone Court with Inland Route, 3.37 mi., and imp. Highland Ave., from county highway commission road to the n city limits of National City.

OROVILLE, Butte Co., Cal.—City trustees will adopt plans shortly to pave Orange Ave., bet. Bridge St. and Long Bar rd.; Fine St., bet. High St. and Osage Ave.; Lincoln St., bet. High and 2nd St. Res. of Inten. will be passed shortly providing for this work.

MONTEREY PARK, Cal.—Chalmers and Ford, 725 H. W. Hellman Bldg., Los Angeles, submitted low bid to city trustees at \$208,699 to const. cem. conc. san. sewer, reinf. conc. pipe storm drain and appurtenances, laying cast iron water pipe; grade; pave with cem. conc. and const. conc. curb and culverts in Garvey Ave., bet. Wilson Ave. and east city limits; also for const. reinf. conc. storm drain and appurtenances in Orange Ave., bet. Garvey Ave. and 45 ft. n of Newmark Ave.; in Newmark Ave. bet. Orange Grove and Pomelo Aves., and in omelo Ave. bet. Newmark Ave. and 500 ft. south Olmsted & Gillean, Hollingsworth Bldg., Los Angeles, consulting engs. Other bids were: Griffith Co., \$214,592; H. E. Cox, \$226,438; A. Dalmatin, \$243,831; Hall-Shannon Co., \$248,214; Geo. W. Kemper, \$252,481; W. D. McCray, \$264,519; Geo. H. Oswald, \$277,445; Edward Johnson & Sons, \$278,655.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to harbor comm. at \$23,000 for conc. paving in Fish harbor dist. under spec. \$28. Kuhn Bros., Manhattan Beach, bid \$36,848.

NEWPORT BEACH, Cal.—City trustees have ordered imp. of all streets and alleys on Balboa Island, to cost about \$150,000. The main artery of the island will be paved with concrete. Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, city engineer.

FRESNO, Fresno Co., Cal.—Until July 24, 12:30 a. m., bids will be rec. by H. S. Foster, city clerk, to const. sewers in alley bet. Lewis and Harvey Aves., bet. Mariposa Ave. and Angus St., invol. 390 lin. ft. 6-in. vit. clay pipe sewer with 1 manhole. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—G. T. McLain, 1184 N. Berendo St., awarded contr. by Bd. Pub. Works, at \$12,157 to imp. Avon St., bet. Taylor St. and Morton Ave., invol. grading at \$3200 (lump sum), 1274 sq. ft. conc. paving, 500 ft. 12-in. vit. clay pipe, 10 ft. oil and roll, 7c ft. 2904 ft. curb, 70c ft. 12,954 sq. ft. walk, 22c ft. 5894 sq. ft. gutter, 31c ft. wooden guard rail, \$175.

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HAWTHORNE, Cal.—Geo. R. Curtis Daving Co., 2440 E-26th St., Los Angeles, awarded cont. by city trustees at \$54,411 to imp. Truro and Eucalyptus Aves.

Curtis also awarded cont. to pave Broadway bet. Birch and Prairie Aves. at \$17,941.

SANTA MONICA, Cal.—Council rejects petition to rock and oil Schrader Dr., east from 23rd St. The council refused to grant rock and oil pavement petitions on ground that type does not wear well enough.

LOS ANGELES, Cal.—Griffith Co., 302 1/2 A. Ky. Bldg. Los Angeles, awarded contract by Id. Pub. Wks. at \$86,914 to pave Hewitt St., bet. 4th St. and Palmetto St. Engrs. est. \$18,546.89.

Griffith Co. awarded cont. at \$19,562 to imp. Beacon St., bet. 14th St. and 1st St. of 16th St., involv. grading \$4000; 48,635 sq. ft. asph. paving 24c ft.; 103 sq. ft. conc. paving 25c ft.; 1623 sq. ft. curb 65c ft.; 6888 sq. ft. walk 21c ft.; 2465 sq. ft. gutter 24c ft.; san. manhole, \$100; 180 ft. hse. sewers \$1.50 ft.; wooden guard rail, \$4000.

OROVILLE, Butte Co., Cal.—Supervisors appropriate \$10,885 for state highway commission to finance preliminary work on proposed Chico-Orland lateral of state highway system.

FULLERTON, Cal.—City trustees order imp. of S. Laurence and E. Ash Aves. S Pomona Ave., West Truslow, East Truslow, West Ash, East Elm, S Highland, S Spadra & S Harvard Aves. Work on S Pomona Ave. under Vrooman Act.

PLACENTIA, Cal.—Coastland Const. Co., 609 Mite. Guar. Bldg., Los Angeles awarded cont. by Placentia Sanitary Board at \$21,550 to const. new outfall sewer, using vit. pipe, for work complete.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Keyes Ave., bet. 55th and Birdsall Aves. and portion of 55th Ave. adjacent to Keyes Ave., involv. garde; pave; const. curbs, gutters and walks. 1911 Act. Protests July 17. W. W. Harmon, City Eng.

BAKERSFIELD, Kern Co., Cal.—City council, V. Van Riper, clerk, declares inten. to imp. Monterey St., bet. Baker and Haley Sts., involv. grading and paving with 3 1/2-in. asph. conc. base with 1 1/2-in. Warrentite-Bit. surface; conc. gutters; cem. conc. corrug. iron culverts. (St. Imp. Dist. 496). 1911 Act & Bond Act 1915. Protests July 21. W. D. Clarke, city eng.

YUBA CITY, Sutter Co., Cal.—Supervisors will order plans prepared for 2 1/2-mi. of Nicolaus-Sacramento county line highway. Sacramento county supervisors will be asked to pave 2 1/2-mi. of the same road from Elverta to connect with Sutter road.

SAN ANSELMO, Marin Co., Cal.—Town trustees order plans prepared to improve streets in Moraga and Claret, a new restricted sub-division on Red Hill Ave. and Butterfield rd. Will consist of curbs, gutters, walks, electrols., gas and water mains, paving, etc. Est. cost \$100,000. Arthur W. Studley, town clerk.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt preparing spec. to imp. Maple, Cassia, Elm, Beech, Cedar, Hilton and other streets in Eastern Addition. Durtite pavement will probably be specified, property owners having signified their intention of adopting that type.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Block, Santa Monica, awarded cont. by council at \$55,253 to pave 26th St., bet. Wilshire Blvd. and Montana St. Pacific Paving Co. bid \$56,432.59 and L. A. Paving Co., \$59,311.87.

SAUSALITO, Marin Co., Cal.—Until July 23, 8 p. m., bids will be rec. by W. Z. Tiffany, town clerk, to imp. various sts., involv. 36,000 cu. yds. excavation; 4200 cu. yds. conc. pavement, 5-in. thick; 100 cu. yds. conc. in culverts, stairways and headwalls; 2500 lin. ft. conc. curb and gutter; 80,000 sq. ft. bituminous macadam pavement; 5000 lin. ft. grouted rock curb and gutter; 100 cu. yds. reconst. existing manholes and gutter drains; const. hyd. cem. conc. walks; corrug. iron culverts with conc. bases; grade and pave with 5-in. asph. conc. with seal coat; grade and pave alley in Block 66 with 5-in. hyd. conc.

CHICO, Butte Co., Cal.—Due to minor irregularities in proceedings, Clark and Henery Construction Co. Chancery Bldg. San Francisco refused to sign contract to pave Normal Ave., Chestnut, Cherry and other streets and new bids will be asked. The bid was \$127,491.71. Work involves conc. curbs and gutters; c.i. gutter drains with 8-in. vit. sewer connections; reconst. existing manholes and gutter drains; const. hyd. cem. conc. walks; corrug. iron culverts with conc. bases; grade and pave with 5-in. asph. conc. with seal coat; grade and pave alley in Block 66 with 5-in. hyd. conc.

MARTINEZ, Contra Costa Co., Cal.—City trustees petitioned to pave about 12 streets in western residential section, west of Alhambra Avenue. Ben Greene, city eng.

BERKELEY, Alameda Co., Cal.—Schnoor Bros., Berkeley, awarded cont. by council to imp. Santa Barbara Rd., involv. grading; const. conc. curbs and gutters; macadamizing; const. 24x30-in. conc. culvert; cem. walks.

REDONDO, Cal.—City trustees adopt resolution to pave Catalina Ave., bet. Knob Hill Ave. and Ave I with asph. conc. base and asph. wearing surface. Victor H. Staheli, city eng.

SANTA BARBARA, Cal.—Application has been made to U. S. Engineer Office at Los Angeles by Anna B. Bliss for permission to const. 6-in. cast iron outfall sewer extending about 600 ft. into the Pacific Ocean from a point on the easterly boundary of property of Samuel C. Pierce, about 3 mi. east of commercial wharf at Santa Barbara.

SAN DIEGO, Cal.—David H. Ryan, 1615 Fern St., San Diego, awarded contract at \$36,153 to const. 1.5-mi. highway on Highland Ave., involv. cem. conc. pavement.

SAN JOSE, Santa Clara Co., Cal.—Until July 21, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Spencer St., bet. San Fernando and Grant Sts., involv. grade and pave with 1 1/2-in. Warrentite-Bitulithle wearing surface on 3-in. Bituminous concrete foundation, hyd. cem. concrete curbs and gutters, storm water inlets, vit. pipe drains, etc. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

LOS ANGELES, Cal.—Jones-Thorne & Co., Inc., 747 Warehouse St. submitted low bid to public service comm. at \$280 ea. for 12 20-in. hub end upright geared gate valves with 4-in. by-pass. Other bids were: Waterworks Supply Co., \$293.35 with 4-in. by-pass; \$24 without by-pass; Crane Co., \$320; without by-pass, \$277.50; N. O. Nelson Mfg. Co., \$384.56; Pac. Pipe & Supply Co., \$382.875 (lump sum of \$456.40).

SAN BERNARDINO, Cal.—Supervisors plan highway bet. San Bernardino and Upland, via Fontana.

REDWOOD CITY, San Mateo Co., Cal.—Bids will be asked at once by Eliz. M. Kneese, county clerk, to repair Daly City to Colma road, known as San Bruno rd., extending from intersection with Mission rd. in Daly City to intersection with Market St. in Colma; will be approx. 5500 lin. ft. in length; spec. will provide for shaping and preparing subgrade for a waterway on rock macadam pavement with asph. oil and rock screenings surface. Geo. A. Kneese county surveyor.

CHICO, Butte Co., Cal.—Petitions are being circulated seeking paving of additional streets embracing a large portion of the remaining unpaved area in Chico proper.

SAN LEANDRO, Alameda Co., Cal.—Until Aug. 4, 8 p. m., bids will be rec. by J. J. Gill, city clerk, to const. 650 ft. 8-in. and 230 ft. 6-in. sewer with wye branches, manholes and house connections in various streets. R. H. Goodwin, city engineer.

NEW MEXICO—Until 9 a. m., July 31, bids will be rec. by dist. engr., bureau of public roads, 242 W Washington St., Phoenix, to imp. Alma-Dry Creek National Forest road, in Gila National Forest, state of New Mexico, approx. 5.798 mi., involv. 7890 cu. yds. excav. rock; 85,226 cu. yds. excav. common; 911 cu. yds. conc.; 2970 lin. ft. corrug. metal culverts; 45,487 lbs. reinf. steel; 25,800 lin. ft. protection ditches; 147 cu. yds. hand placed embankment; 23 cu. yds. rip rap; 450 lin. ft. irrigation ditch changes; 8700 cu. yds. gravel surfacing; 5.798 miles finishing shoulders and subgrade; 444 sq. yds. pavement; 210 lin. ft. handrail (standard concrete). Plans obtainable from engr. on deposit of \$15. Cert. chk 5%. E. S. Wheeler, engr.

SACRAMENTO, Cal.—Until July 28, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to const. approx. 458 ft. conc. curb and gutter and 156 sq. yds. 5-in. asph. conc. pavement fronting Bret Harte School in Franklin Blvd., bet. 7th and 9th Aves. Cert. check 10% payable to board of Educ. recd. with bid. Plans obtainable from City Eng. Albert Givan.

HERMOSA BEACH, Cal.—City trustees declare inten. to imp. Ozone Cl., bet. 24th and 25th Sts., involv. 1-in. conc. paving, redwood headers, 8-in. bers; 1911 act. B. F. Brown, city clerk. bers; 1911 act. B. F. Brown, city clerk. Victor H. Staheli, city engineer.

NAPA, Napa Co., Cal.—Until Aug. 12 10 a. m., bids will be rec. by James A. Daly, county clerk, to fur. and del. 2000 bbls. Portland cement to r.r. points in Napa Valley. Cert. check 10% payable to Chairman of Board of Sups. req.

LOS ANGELES, Cal.—Basich Bros., 2103 23rd St., submitted low bid to supervisors at approx. \$68,530 to improve Central Ave., bet. Manchester Ave. and n city limits of Watts, 7947.42 lin. ft. or 1.52 mi., under County Imp. 36, involv. 10,783 cu. yds. excav. 70c ft.; 26,491 cu. yds. conc. pavement \$2.29 yd.; 7947 lin. ft. shaping shoulders 4c ft.

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NEWPORT BEACH, Cal.—City council declares inten. to imp. portions of McFallen Pl., 21st St. and other streets, involv. grade; pave with conc. 1911 Act

SAN JOSE, Santa Clara Co., Cal.—Western Concrete Pipe Co., 101 East 6th St., San Jose, awarded contract by council to construct first section of San Jose outfall sewer. The bid is approx. \$34,175.

SANTA BARBARA, Cal.—Until 10 a. m., July 24, bids will be rec. by supervisors to grade; drain and pave Hope Ave., bet. the north end of present pavement and Pueblo line, also Pueblo Ave., bet. Central and Hope Aves., together with all necessary structures, in the Third Rd. Dist. Plans obtainable from office of county clerk. Cert. check 10%.

BLTYHE, Cal.—City Engr. A. C. Fulmore preparing preliminary plans to pave main street of Blythe, about 10 blocks, crossing Broadway, Main and Spring Sts.

MAYFIELD, Santa Clara Co., Cal.—Until July 23, bids will be rec. by Town Trustees to imp. various streets involving 400,000 sq. ft. 5-in. conc. pavement; 6000 lin. ft. curb; 100 3/4-in. water services of average length of 15-ft.; 100 4-in. sewer services, average length 20-ft. Plans on file in office of town clerk. C. Moser, 651 Homer Ave., Palo Alto, engineer.

BERKELEY, Alameda Co., Cal.—Informal bids are being received by State Architect's Office, Forum Bldg., Sacramento, for grading work at California School for the Deaf and Blind. Bids will be opened July 23. Further information obtainable from above office.

INGLEWOOD, Cal.—Until 8 p. m., July 21, bids will be rec. by city trustees to imp. Cedar Ave., from Redondo Blvd. to Kelso St., involving 172,943 sq. ft. (3826 cu. yds.) grading; 10 lin. ft. curb; 21,556 sq. ft. walk; 519 sq. ft. gutter; 100 2 1/2 sq. ft. 5-in. National paving; 6 wing walls; 15 water service connections; 1911 act and 1915 bond act. Otto H. Duslike, city clerk.

LOS ANGELES, Cal.—Joe Mullarkey, 8435 S. Vermont Ave., awarded contr. by Bd. Pub. Wks. at \$16,561 to imp. Budlong Ave., bet. 66th and 68th Sts., involv. grading at \$1000 (lump sum); 1220 sq. ft. conc. paving 30c ft.; 87,878 sq. ft. oil and roll 6c ft.; 3501 ft. curb 65c ft.; 17,085 sq. ft. walk 20c ft.; 15,103 sq. ft. gutter 28c ft.

SAN FRANCISCO—Board of Public Works completes spec. to const. 20,000 sq. ft. art. stone sidewalks in Arleta Ave., bet. San Bruno and Delta Aves., est. cost \$3600.

SANTA MONICA, Cal.—Council declares inten. to imp. Fifth St. bet. Bay and Strand Sts. involv. grade; pave with 3-in. conc. base and 2-in. conc. wearing surface; pavement to be laid on 3-in. sand cushion; 1911 act.

WHITTIER, Cal.—Until 7:30 p. m., July 21, bids will be rec. by city trustees to imp. alley bet. Bright and Greenleaf Aves. from Broadway to Camilla St., involv. grade; pave with 3 1/2-in. conc.; conc. reinf. conc. retaining wall, 4-in. hse. sewers; 1911 act.

Separate bids to imp. Acacia Ave., bet. Hurnbull Dr. and Broadway, involv. grade, pave with 6-in. conc. pave, curb, walk; 1911 Act. Paul Gilmore, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 4, 12 a. m., bids will be rec. by Henry W. Pfister, county clerk, to fur. 20,000 or more yds. waste or crushed run rock to be distributed on Mountain View and Alviso roads, Supervisor Districts Nos. 4 and 5. Spec. on file in office of clerk. Robt. Chandler, county surveyor.

ANTIOCH, Contra Costa Co., Cal.—City trustees, J. E. McElheney, clerk, declare inten. (No. 44-A) to imp. 10th St., bet. G and Diamond St. and H St., bet. 10th and 9th Sts., involv. grade & pave with 1-in. Port. cem. conc.; conc. & pave with 1-in. semi-circular corr. iron curbs; 8x24-in. semi-circular corr. iron culvert, 1911 Act & Bond Act 1915. Protests July 14.

SANTA BARBARA, Cal.—Bids to const. new city sewer system for which bonds in the sum of \$407,000 were voted some time ago will be advertised about Aug. 1. The work to be done under a plan formulated by City Mgr. Herbert Nunn. Geo. D. Morrison, City Engr.

ALAMEDA-CONTRA COSTA COUNTIES, Cal.—Chambers of Commerce of Oakland, Berkeley, Alameda, Richmond, Martinez and Antioch will unite and promote a campaign for a wide highway and four miles of paved road in Alameda and Contra Costa counties. The following proposals will be urged on the state highway committee (1) Paving and widen tunnel road from Walnut Creek through tunnel to Claremont Ave.; (2) const. new road from Lafayette through Moraga and Redwood canyon into Oakland; (3) build road from Byron to Bethany, diverting San Joaquin Valley traffic; (4) widen Mission Highway from the Santa Clara line to Fourteenth St., Oakland; (5) widen and resurface road from Richmond to Carquinez straits, Contra Costa county.

NEVADA STATE—Sumson & Clyde, Springville, Utah, at \$177,991.52 awarded cont. by state highway commission to const. 17.21 mi. in Elko county, bet. Silver Zone Pass and Pequop Summit. Project involv. 112,000 cu. yds. excavation unclassified; 29,181 yd. sta. overhaul; 14,12 mi. prepare subgrade and shoulders for 6-ft. section; 1,21 mi. prepare subgrade and shoulders for 15-ft. section; 17,400 cu. yds. load and screen gravel; 52,000 yd. mi. haul gravel; 17,400 cu. yds. spread gravel; 30 cu. yds. class A conc.; 834 lin. ft. 15-in. 1002 lin. ft. 18-in., 506 lin. ft. 24-in., and 26 lin. ft. 30-in. corr. metal pipe; 380 cu. yds. dry rubble masonry; 4464 lin. ft. stand. wood guard rail; 122 mon. culverts; 6 sign posts; 2072 lin. ft. special wood guard rail. Other bids were: Mul-lins & Palm, Salt Lake City, Utah \$130,386.92; Morrison-Knudsen, Boise, Idaho \$184,067.72.

VENTURA, Cal.—No bids were rec. by supervisors; grade; const. culverts and macadam paving on Foothill Rd. bet. west city boundary of Santa Paula and the west end of Road Dist. No. 4, involv. 6000 yds. excav.; 13,400 lin. ft. shaping and rolling; 214,500 sq. ft. asph. macad.; 90 ft. 24-in. reinf. conc. pipe; 10 yds. class B conc. in culverts and headwalls. Chas. W. Petit, county surveyor.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of Flora St. and Grant Ave., involv. const. sewer with manholes, lamp posts and wy. branches. 1911 Act. Protests July 24. W. W. Harmon, city engineer.

NEVADA STATE—F. M. Maestretti, 1390 East 32nd St., Oakland, at \$23,544.90 awarded cont. by State Highway Commission to const. 2.49-mi. in Humboldt county in City of Winnemucca. Project involv. 5240 cu. yds. excavation unclassified; 6.98 mi. prepare subgrade and shoulders for cem. conc. pavement; 1.51 mi. prepare subgrade and shoulders for gravel surface; 16,820 sq. yds. concrete pavement; 3000 cu. yds. load and screen gravel; 2740 yd. mi. haul gravel; 3000 cu. yds. spread gravel 46 cu. yds. class A and 9 cu. yds. class B conc.; 132 lin. ft. 15-in., 34 lin. ft. 18-in., and 64 lin. ft. 24-in. corr. metal pipe; 6 sign posts. Other bids were: Bishop & Brooks, Sacramento, Cal., \$37,690.50; Strange & Vallandigham, Salt Lake City, Utah, \$39,148.20; Anderson & McShee, Winnemucca, Nevada \$45,849.50.

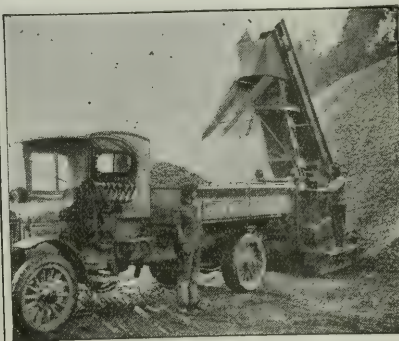
SANTA CRUZ, Santa Cruz Co., Cal.—Grante Construction Co., Watsonville, at \$29,891 awarded cont. by supervisors to grade and pave portion of Coast rd., involv. 289,000 sq. ft. rock and oil paving, 3 1/2-in. thick. Blumenkranz & Vernon, Farmers and Merchants Bldg., Stockton, bid \$23,373.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$19,754.78 (Eng. est. \$19,808.21) awarded cont. by council to imp. portions of 2nd Street, grade and pave with 5 1/2-in. asph. conc. base with 1 1/2-in. Warrentite-bit. surface and portions with 3 1/2-in. asph. conc. base; c.i. and conc. culverts; vit. sewers; cem. conc. curbs.

Mercer-Fraser at \$18,323.08 (eng. est. \$18,323.26) awarded cont. to imp. portions of Myrtle Ave., involv. grade and pave with 5 1/2-in. asph. conc. base with 1 1/2-in. Warrentite-bit. surface and portions with 3 1/2-in. asph. conc. base with 1 1/2-in. Warrentite surface; c.i. and conc. culverts; cem. curbs. City will pay \$4562 as its portion of cost.

SAN JOSE, Santa Clara Co., Cal.—No bids received by supervisors to imp. Quimby Rd. in Supervisor District No. 2 and work ordered done by day labor under supervision of Robt. Chandler, county surveyor.

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SANTA MONICA, Cal.—Kneen Paving Co., Dudley Block, Santa Monica, submitted low bid to city council to imp. streets bet. 8th and 14th Sts., from Pico Blvd. to Central Ave., at 1.58c sq. ft. grading; 16 2/3c sq. ft. asph. conc. paving; 49.5c ft. curb; 17.75c walk; \$475 storm drain; sewer system complete, \$15,000; water system complete, \$13,822. Other bid was Southwest Paving Co., 4c grading; 17c asph. conc. paving; 60c curb, 13c walk; \$700 storm drain in Cedar St.; \$750 storm drain in Pine St.; 1.50 hse. sewers; \$20,968 water system; \$28,967 sewer system.

LOS ANGELES, Cal.—Until 2 p. m., July 23, bids will be rec. by supervisors to imp. Arizona Ave., bet. Third St. to Anaheim Telegraph Rd. etc., 27,250 ft. under County Imp. No. 32, involv. 6222 cu. yds. excav.; 202,195 sq. ft. walk; 39,046 lin. ft. curb (63x14); 11,118 lin. ft. curb (6x10x18); 115 lin. ft. curb (6x10x20); 115,388 sq. ft. gutter; corr. iron pipe culvert with catch basins. Average haul 6 mi. from Bandini Sta. on A. T. & S. F. Ry. Est. contr. price \$110,550.85.

GLENDORA, Cal.—Until 8 p. m., July 22, bids will be rec. by Trustees to imp. Glendora Ave., bet. Ada Ave. and city limits, involv. grade; pave with 4-in. oil macad; gutters; curbs; cem. walks; cem. channels for drainage purposes; conc. pipe drain 10 ft. long. Cert. chk. or bond 10%. Fred Long, city clerk.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., at \$44,920 submitted only bid to supervisors to imp. Mountain View and Alviso Road in Supervisor Districts Nos. 4 and 5. Bid rejected. Est. of County Surveyor Robt. Chandler \$44,000.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, awarded contr. by city trustees to imp. Maple and Arabelle Sts., etc., involv. 76,530 sq. ft. grading 3.5c ft.; 76,530 sq. ft. 5-in. conc. paving 19.5c ft.; 1175 ft. 6-in. sew. sewer \$1.10 ft.; 2469 ft. 4-in. c.i. water pipe 1.50 ft.; 3100 ft. 2-in. galv. pipe 1.40 ft.; 1358 ft. 3/4-in. galv. pipe 1.30 ft.; 105 ft. curb 60c ft. Edw. M. Lynch, engineer, Central Bldg., Los Angeles.

REDLANDS, Cal.—City trustees declare inten. to imp. Pearl Ave., betw. Orange St. and the east line of Lynn tract, involv. grading, 4-in. macadam paving with asph. wearing surface, stone curbs, gutters, walks; 1911 act. C. P. Hook, city clerk.

OAKLAND, Cal.—Until July 24, 11 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to const. cem. curbs in portions of High St., bet. Masterson and Tompkins Aves. Bond of \$1000 req. of successful bidder. Spec. on file in office of clerk. W. W. Harmon, city engineer.

SEATTLE, Wash.—Board of Public Works completes spec. to extend Mexico St. to Rhode Island St., the work to be done by city forces. Project involves 3391 bbls. cement; 879 cu. yds. sand; 1758 cu. yds. gravel; 40 tons steel sheet piling and 5000 ft. lumber.

SAN FERNANDO, Cal.—City trustees declare inten. to imp. 7th St., bet. Macley Ave. and n.w. city limits, involv. 1 1/2-in. asph. conc. wearing surface on 3 1/2-in. asph. conc. base; curbs; conc. post lighting system complete; 1911 act. I. A. Swartout, city clerk.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to const. cem. conc. walks in portions of E-34th St., bet. Bruce St. and 14th Ave. 1911 Act. Protests July 31. W. W. Harmon, city eng.

COMPTON, Cal.—City trustees declare inten. to imp. under 1911 act and 1915 bond act:

Palmer Ave., bet. S. P. right-of-way and the east city limits, involv. 5-in. conc. paving; class B curb; walks; 15-in. cem. pipe san. sewer; 8-in. cem. pipe san. sewer; ornam. lighting system.

Magnolia St., bet. Wilmington St. and Alameda St., involv. 5-in. conc. paving; class B curbs; walks; 4-in. class B water pipe; 6-in. cem. pipe hse. sewers; catch basins and outlets, Maude Heacock, city clerk, Edw. M. Lynch, Central Bldg., Los Angeles, engineer.

VENICE, Cal.—City trustees declare inten. to imp. Penmar Ave., bet. Carlton Way and Venice Blvd., etc., involv. 1-in. conc. pavement; conc. walks; curbs; raising the tops of 2 manholes; 1911 act. T. H. Hann, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Ralsch Improvement Co., Builders' Exchange, San Jose, at \$26,500 submitted only bid to supervisors to imp. Prospect rd. in Supervisor Dists. Nos. 4 and 5. Bid rejected. Est. of county surveyor, Robt. Chandler, Sec. 1, \$3515; Sec. 2, \$9630. Work by day labor under supervision of county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. San Tomas Aquino rd. in Supervisor Dist. No. 4. Separate bids, same date, to imp. Fleming Ave. in Supervisor Dist. No. 3. Plans on file in office of clerk. Robt. Chandler, county surveyor.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Block, Santa Monica, awarded contr. by city comm. to imp. streets bet. 8th and 14th Sts., from Pico Blvd. to Central Ave., at 1.58c sq. ft. grading; 16 2/3c sq. ft. asph. conc. paving; 49.5c ft. curb; 17.75c walk; \$475 storm drain; sewer system complete, \$15,000; water system complete, \$13,822.

VENTURA, Cal.—City trustees start proceedings to pave 36 city streets, the majority 40 ft. wide. Est. cost of the work is \$389,612.

LYNWOOD, Cal.—Until 8 p. m., July 30, bids will be rec. by city trustees to imp. San Jose Ave., Capistrano Ave., Barlow Ave. and Norton Ave., involv. 19,810 lin. ft. curb, 16,750 sq. ft. gutter, 41,930 sq. ft. walk, 174,130 sq. ft. grading, 164,430 sq. ft. oil macad. paving; 1915 bond act and 1911 act. Edw. M. Lynch, 1101 Central Bldg., Los Angeles engineer.

OREGON—Until July 29, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, for following projects:

Deschutes county, Unit 2 of Paulina Prairie-Lava Butte Section of Dalles-California highway, 6.2-mi. grading, involv. 94,000 cu. yds. excavation.

Malheur county, Weiser and Payette Spur sections of Old Oregon Trail, 3.56 mi. grading and crushed gravel surface involv. 30,000 cu. yds. excavation; 9500 cu. yds. crushed gravel surface.

Malheur county, Sucker Creek Section of Nyssa-Jordan Valley Market rd., 8.5-mi. grading, involv. 91,000 cu. yds. excavation.

Wasco county, roadway construction and rock wall construction in Mayer Park on Columbia River Highway near Moiser, involv. 4000 cu. yds. excavation, mostly solid rock; 280 cu. yds. rubble masonry wall construction; 800 lin. ft. rock parapet wall construction; 1300 cu. yds. gravel surfacing.

Spec. obtainable from Roy A. Klein, state highway engineer, at Salem, on deposit of \$5 for each set.

GARDEN GROVE, Cal.—Until 7:30 p. m., Aug. 4, bids will be rec. by Garden Grove Sanitary Dist., Price Bldg., to const. sewer system, consisting of sewer pipe, drain pipes, manholes and accessories. Approx. quantities are: 1213 ft. 12-in., 6632 ft. 18-in. and 60 ft. 8-in. pipe; 18 manholes. Alternate bids will be rec. on vit. clay and conc. pipe. Plans obtainable from office of W. G. Knox and R. L. Loucks, city hall, Santa Ana. St. Clair Woods, secy.

SAN LUIS OBISPO, Cal.—Until Aug. 4, bids will be rec. by city council to imp. various sts., involv. 438,541 sq. ft. grading; 438,541 sq. ft. 6-in. conc. pave; 22,396 sq. ft. conc. walks; 5666 lin. ft. conc. curb; 497 ft. Type A and 203 ft. Type B conc. culverts with inlets and outlets; 130 lin. ft. Sec. A-A culvert including inlets and outlets; 1 Type A inlet; 1911 Act & Bond Act 1915. Plans on file in office of Callie M. John, city clerk.

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City State

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3004	Lederman	Meyer	4000
3005	Nelson	Owner	9000
3006	Bernhardt	Owner	7000
3007	Lee	Phillips	13809
3008	MacLeod	Legault	6000
3009	Lewis	Owner	3500
3010	Marsden	Farquharson	11000
3011	Crittenden	Owner	4000
3012	Eckman	Owner	12000
3013	Hermanson	Levi	6400
3014	Cohen	Beetham	1000
3015	Lannes	Richmond	3798
3016	Powers	Capitol	3118
3017	Pacific	Somerton	6210
3018	La Societe	Meyer	8457
3019	Ryan	Bienfield	4550
3020	Hayes	Wilson	20000
3021	Pantill	Owner	8000
3022	Cohn	Owner	8000
3023	Cox	Cox	4900
3024	Kovachik	Cuneo	12500
3025	Smaker	Anderson	13500
3026	Bacaus	Wengard	50000
3027	Blinner	Barrett	7000
3028	Union	Owner	15000
3029	Sullivan	Helbing	4000
3030	Costello	MacAdam	3000
3031	Curtaz	Arnett	5500
3032	Adami	Gilley	6839
3033	McCarthy	Fess	1529
3034	Hubert	Legault	7600
3035	City	Monihan	1050
3036	Lewis	Isaacson	7500
3037	Drew	Owner	7000
3038	Nylund	Owner	5000
3039	Commercial	Owner	5600
3040	Stewart	Owner	3800
3041	Ellingson	Magill	3500
3042	Ellingson	Arnett	3000
3043	Fiscornia	Schmid	8200
3044	Stern	Mangels	7262
3045	McCarthy	Holt	5575
3046	Schuster	Owner	9500
3047	Lenzer	Owner	3500
3048	Schuster	Owner	9000
3049	Lindeman	MacDonald	40000
3050	Emanuel	Owner	4000
3051	Ursin	Owner	1800
3052	Kulp	Owner	3000
3053	Lindeman	Puerst	5000
3054	Stathis	Meyer	3000
3055	Douglas	Rommis	5200
3056	McGeough	Low	3790
3057	Becker	Owner	20000
3058	Michos	Bettancourt	3000
3059	Mitchell	Coggins	3000
3060	Erickson	Ostlund	1800
3061	Stock	Sangiacomo	14000
3062	Hubert	Johnson	7400
3063	Metre	Thomas	6110
3064	National	Sourich	7760
3065	Ferrari	Arnett	3400
3066	Hickman	Johnson	1000
3067	Foulds	Maundrell	5000
3068	Reveyson	California	3450
3069	McCarthy	Owner	20000
3070	Westgate	Bruce	8000
3071	Fish	Owner	4500
3072	Fish	Owner	3500
3073	Koenig	Owner	7000
3074	Lazarus	Owner	9500
3075	Hawkins	Owner	4000
3076	Hawkins	Owner	3500
3077	Arnett	Owner	6000
3078	Gould	Mahoney	40000
3079	Hickman	Johnson	7400
3080	California	Owner	1000
3081	Picard	Owner	21000
3082	Krafft	Herrin	3500
3083	Minutoli	Owner	7000
3084	Welch	Owner	9500
3085	Janssen	Owner	4000
3086	Reed	Owner	3500
3087	Hjul	Owner	20000
3088	Hjul	Owner	10000
3089	Crocker	Owner	4500
3090	Crocker	Owner	4500
3091	Crocker	Owner	7800
3092	Union	Hinson	1250
3093	Hynes	Coburn	1500

3094	Breitman	Owner	1000
3095	Sano	Ishi	1500
3096	Nelson	Owner	5000
3097	Rino	Owner	2900
3098	Anderson	Owner	20000
3099	Jelm	Owner	4000
3100	Bassetti	Spirz	11900
3101	Keenan	Olson	15700
3102	Sullivan	Mager	2855
3103	Wakalee	Hoin	13000
3104	Goeres	Owner	2000
3105	Soracco	Owner	7000
3106	Trost	Demaris	1985
3107	Histo	Owner	4500
3108	Egan	McCarthy	1000
3109	Gilmore	Maher	12100
3110	Ferrari	Sangiacomo	14000
3111	Porter	Denke	33147
3112	Sixth	Kruse	11977
3113	Sixth	Scott	5871
3114	Sixth	Goss	1181
3115	Sixth	Gurnette	4900
3116	Sixth	Clervi	2041
3117	Sixth	Carroll	10161
3118	Sixth	S. F. Compressed	567
3119	Sixth	Hundley	475
3120	Sixth	Scott	312
3121	Kovachik	Cox	5950
3122	McCarthy	Arnett	3000
2123	Carroll	Fink	7250

DWELLING

(3004) E EIGHTEENTH 198 S Lawton. 1-story frame dwelling. Owner—Ledermann Bldg. Co., Meyer Bros. Architect—Gustave Stahlberg, Flat Iron Bldg., S. F. Contractor—Meyer Bros. \$4000

DWELLINGS

(3005) N FORESTSIDE 243 & 275 N Ulloa. Two 1-story and basement frame dwellings. Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F. Architect—None. \$4500 each

DWELLINGS

(3006) E FORTY-FIRST AVE. 100 and 175 N Irving. Two 1-story and basement frame dwellings. Owner—Bernhardt Building Co., 582 Grove St., S. F. Architect—Gustave Stahlberg, Flatiron Bldg., S. F. \$3500 each

DWELLING

(3007) NE GUTTENBERG AND MURRAY. 1-story and basement frame dwelling. Owner—M. Lee. Architect—Chas. F. Strothoff, 2274 15th St., S. F. Contractor—Thorinson & S. Torresson Bros., 2329 Sacramento St., S. F. \$5000

RESIDENCE

(3008) NE SCENIC AND 25TH AVE. 2-story and basement hollow tile residence. Owner—R. F. MacLeod, Balfour Bldg., San Francisco. Architect—Harris Allen, Central Bank Bldg., Oakland, Calif. Contractor—Frank M. Phillips, 718 Brayant St., S. F. \$13,609

DWELLING

(3009) E THIRTY-SECOND AVE. 225 N California. 2-story and basement frame dwelling. Owner—A. Lewis, 215 14th Ave., S. F. Architect and contractor—F. A. Le-gault, 257 8th Ave., S. F. \$6000

DWELLING

(3010) W TWENTIETH AVE. 350 S Lawton. 1½-story and basement frame dwelling. Owner—W. Marsden, 1663 20th Ave., San Francisco. Architect—None. \$3500

ALTERATIONS

(3011) 376 TWENTIETH AVE. Alterations and additions for residential quarters. Owner—Crittenden Home (Trustees of) 376 20th Ave., S. F.

Architect—D. Wormser, 55 5th Ave., San Francisco.
Contractor—D. H. Farquharson, 1760 Ellis St., S. F. \$11,000

DWELLING

(3012) W TWENTY-SEVENTH AVE. 175 S Irving. 1-story and basement frame dwelling. Owner—A. O. and L. W. Eckman, 525 Irving St., S. F. Architect and contractor—A. O. Eckman, 525 Irving St., S. F. \$4000

FLATS

(3013) NE YORKSBURG AND JEROME. 2-story and basement frame (4) flats. Owner—C. Hermanson, 323 Clipper St., San Francisco. Architect—None. \$12,000

ADDITION

(3014) 132, 138 CAPP ST. Additions for mezzanine-floor; install windows, etc., for salesroom. Owner—C. Hermanson, 323 Clipper St., San Francisco. Architect—None. \$12,000

ALTERATIONS

(3015) S CLAY W Tay. Remodel for private garage quarters. Owner—J. Lannes, 1927 Clay St., S. F. Architect—E. Gottschalk, Phelan Bldg., S. F. Contractor—A. H. Beetham, 3555 18th St., S. F. \$1000

ADDITION

(3016) 323 TWENTY-EIGHTH AVE. Minor additions and alterations for dwelling. Owner—E. Powers, 323 28th Ave., San Francisco. Architect—None. Contractor—Richmond Construction Co., 2940 Geary St., S. F. \$1000

SHEET METAL

(3017) NW LOUISIANA AND 23RD, N 433 W 200 S 416-5 S 64-45 E 30 m or l. All work for corrugated sheet metal roof for E ½ of boiler room at station A. Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.

Contractor—Capitol Art Metal Co., 1133 Howard St., S. F. Filed July 10, 1924. Dated July 5, 1924. 15th of each month 25%
Usual 35 days 75%
TOTAL COST, \$3799

Bond, \$1900. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 62 days. Plans and specifications filed.

PLUMBING, ETC.

(3018) BLK. BOUNDED BY GEARY, Anza, 5th Ave. and 6th Ave. All work for plumbing etc., for addi-

Owner—La Societe Francaise de Bien-faisance Mutuelle, premises. Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F. Contractor—A. E. Somerton & Co., 20 Prior Court, S. F. Filed July 10, 1924. Dated July 3, 1924. Rough work completed \$255
Completed and accepted 200
Usual 35 days 155
TOTAL COST, \$6210

Bond, \$3105. Sureties, Fidelity & Casualty Co. Forfeit, \$25. Limit, as fast as required. Plans and specifications filed.

BUNGALOWS

(3019) E FORTY-SEVENTH AVE. 225 S Cabrillo S 50 x E 120. All work for two 1-story frame bungalows. Owner—Wm. T. Ryan, 279 25th Ave., San Francisco. Architect—None.

Contractor—Meyer Bros., First National Bank Bldg., S. F.

Filed July 10, 1924. Dated June 2, 1924.
 Roof sheathing on \$214
 Brown coated 214
 Completed 214
 Usual 35 days 214
TOTAL COST, \$8457
 Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

STORE BLDG.

(3020) N IRVING 95 W SIXTH AVE.
 N 110 x W 25. All work for 1-story
 store building.
 Owner—Fred M. Kaye, 1012 Clement St.
 San Francisco.
 Architect—Daniel L. Blenfield, 447 21st Ave., S. F.

Filed July 10, 1924. Dated July 1, 1924.
 Frame up, roof on \$1137.50
 Brown coated 1137.50
 Completed 1137.50
 Usual 35 days 1137.50
TOTAL COST, \$4550
 Bond, sureties, forfeit, none. Limit, 50 days. Plans and specifications filed.

FLOORING

(3021) NO. 749 LINCOLN WAY. Cement flooring in restaurant.
 Owner—Nick Pantili, 505 Cabrillo St., San Francisco.
 Architect—None.
 Contractor—C. P. Wilson, 246 Waller St., San Francisco. \$1000

APARTMENTS

(3022) S PACIFIC AVE 197 W Laguna. Three-story and basement frame (6) apartments.
 Owner—Melville Cohn, 147 7th Ave., San Francisco.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$20,000

DWELLINGS

(3023) W THIRTY-FIFTH AVE 125 & 150 S LINCOLN WAY. Two one-story and basement frame dwellings.
 Owner—Cox Bros., 1309 9th Ave., San Francisco.
 Architect—None. \$4000 each

DWELLING

(3024) W THIRTY-FIFTH AVE 175 S LINCOLN WAY. One-story and basement frame dwelling.
 Owner—Paul Kovachik, 1375 10th Ave., San Francisco.
 Architect—None.
 Contractor—Cox Bros., 1309 9th Ave., San Francisco. \$4000

DWELLING

(3025) E VERMONT 150 S Mariposa. One-story and basement frame dwelling.
 Owner—Martin Smaker, 711 San Bruno Ave., San Francisco.
 Architect—None.
 Contractor—John P. Cuneo, 101 Amazon Ave., San Francisco. \$4900

FLATS

(3026) W WALLER 84-7 1/2 E Shrader. Two-story and basement frame (2) flats.
 Owner—Alfred Baccus, 708 Cole St., San Francisco.
 Architect—None.
 Contractor—S. R. Anderson, 4002 22nd St., San Francisco. \$12,500

STORE, FLATS

(3027) S FOURTEENTH W Valencia St. 3-story frame store and (2) flats.
 Owner—Theo. Binner, 431 14th St., S. F.
 Architect—Albert J. Fabre & Ernest H. Hildebrand, 110 Sutter St., S. F.
 Contractor—Carl Wengard, 1286 34th Ave., S. F. \$13,550

CONCRETE BLDG.

(3028) S HARRISON 200 W THIRD. 1-story and basement brick and concrete printing plant.
 Owner—Union Lithograph Co., 733 Harrison St., S. F.
 Architect—L. S. Rosener, Exchange Bldg., S. F.
 Contractor—Barrett & Hilp, 918 Harrison St., S. F. \$50,000

FLATS

(3029) S TWENTY-FIRST 50 E York. 2-story 2-basement frame 2 flats.
 Owner—T. D. Sullivan, 969 Hampshire St., S. F.
 Architect—None. \$7000

FLATS
 (3030) E NINETEENTH AVE. 25 S O and 75 S Clement. Three 2-story and basement frame flats, (2 flats in each building).
 Owner—Costello Bros., 821 34th Ave., San Francisco.
 Architect—None.
 Contractor—Costello Bros., 821 34th Ave., S. F. \$5000 each

STORES

(3031) SW NATOMA AND SEVENTH Sts. 1-story and basement concrete stores.
 Owner—Oscar H. Curtaz, 1332 Lombard
 Architect and contractor—The Helbing Co., 1332 Lombard St., S. F. \$8000

DWELLING

(3032) N PALOU 55 E Lane. 1-story and basement frame dwelling.
 Owner—P. Adams, 18 Neptune St., S. F.
 Architect—None.
 Contractor—M. J. MacAdam, 1370 Shafter Ave., S. F. \$4000

BUNGALOW

(3033) E BRIGHTON AVE 100 S Grafton Ave. S 25 x E 112-6, Lot 25, Blk. 1, Lakeview. All work for 1-story frame bungalow.
 Owner—The McCarthy Co., 316 Bush St., S. F.
 Architect—None.
 Contractor—James Arnott & Son, 235 Granville Way, S. F.
 Filed July 11, 1924. Dated June 19, 1924.
 30 days after frame is up 25%
 30 days after brown coated 25%
 30 days after completed and accepted 25%
 Usual 35 days 25%
TOTAL COST, \$3000
 Bond, sureties, forfeit, none. Limit, 100 days. Plans and specifications filed

BUNGALOW

(3034) N TARAVAL 30 E Funston Ave. E 30 x N 100. All work for frame bungalow.
 Owner—Helen Hubert, 1242 Portola Dr., S. F.
 Architect—None.
 Contractor—Joseph Bettancourt.
 Filed July 11, 1924. Dated July 8, 1924.
 Rough roof on \$1375
 Brown coated 1375
 Completed and accepted 1375
 Usual 35 days 1375
TOTAL COST, \$5500
 Bond, sureties, none. Forfeit, \$5.00. Limit, 90 days. Plans and specifications not filed.

BOILER

(3035) SW THIRD AND MARKET. All work for low pressure boiler in basement of Claus Spreckels Building.
 Owner—The City Investment Co., 625 Market St., S. F.
 Engineer—Coddington & Duncan, Phelan Bldg., S. F.
 Contractor—Gilley Schmid Co., Inc., 191 Otis St., S. F.
 Filed July 11, 1924. Dated June 23, 1924.
 On completion 75%
 Usual 35 days 25%
TOTAL COST, \$6839
 Bond, sureties, forfeit, limit, none. Plans and specifications filed.
 (3036) OIL BURNING SYSTEM FOR low pressure boiler plant on above.
 Contractor—The Fess System Co., 220 Natoma St., S. F.
 Filed July 11, 1924. Dated June 23, 1924.
 Payments same as above.
TOTAL COST, \$1529
 Bond, sureties, forfeit, limit, none. Plans and specifications filed.

RESIDENCE

(3037) E THIRTY-SECOND AVE. 225 N California 25 x 120. All work for 2-story frame residence.
 Owner—Lewis, 215 14th Ave., S. F.
 Architect—None.
 Contractor—F. A. Legault, 257 8th Ave., San Francisco.
 Filed July 11, 1924. Dated July 10, 1924.
 On signing of contract \$ 200
 Frame up 1850
 Brown coated 1850
 Completed 1850
 Usual 35 days 1850
TOTAL COST, \$7600
 Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.

PLUMBING ETC.

(3038) E THIRTY-EIGHTH AVE. the N cor. of lot 185 S from Anza, 24 x 120. All work for plumbing and heating for frame dwelling.
 Owner—Daniel V. Drew, 225 19th Ave., San Francisco.
 Architect—Harvey E. Harris, 815 Balboa St., S. F.
 Contractor—Monihan & Slavin, 249 Natoma St., S. F.
 Filed July 11, 1924. Dated July 8, 1924.
 Roughed in \$393.75
 Completed 293.75
 Usual 35 days 262.50
TOTAL COST, \$1050
 Bond, sureties, none. Forfeit, \$5.00. Limit, 70 days. Plans and specifications filed.

DWELLINGS

(3039) N BERNAL 400 AND 425 E Shotwell. Two one-story and basement frame dwellings.
 Owner—O. Nylund, 235 Courtland Ave., San Francisco.
 Architect—None.
 Contractor—Isaacson & Nylund, 53 Courtland Ave., San Francisco. \$3750 each

ALTERATIONS

(3040) NW COLUMBUS AVE AND Green. Rmold 2nd and 3rd floors; erect pent house and exits on roof, etc., for stores, offices and flats.
 Owner—Commercial Centre Realty Co.
 Architect—M. J. Lyon, 916 Kearny St., San Francisco. \$7000

DWELLING

(3041) W FORTY-THIRD AVE 270 N Balboa. One-story and basement frame dwelling.
 Owner—W. D. Stewart, 218 Clara St., San Francisco.
 Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco. \$5000

DWELLING

(3042) S LIBERTY 65 E Guerrero. Two-story nad basement frame dwelling.
 Owner—E. Ellingson, 180 Jessie St., San Francisco.
 Architect—None. \$5600

DWELLING

(3043) E SAN JOSE AVE 776 N Theresa. One-story and basement frame dwelling.
 Owner—D. Tiscornia, 208 Arlington St., San Francisco.
 Architect—R. A. Kenner, 43-A Sussex St., San Francisco.
 Contractor—R. A. Kenner, 43-A Sussex St., San Francisco. \$3800

DWELLING

(3044) E TWENTIETH AVE 175 N Lawton. One-story and basement frame dwelling.
 Owner—J. Stern, 185 19th Ave., S. F.
 Architect—None.
 Contractor—C. T. Magill, 175 19th Ave., San Francisco. \$3500

BUNGALOW

(3045) E BRIGHTON AVE 150 S Grafton Ave S 25x E 112-6 Lot 23 Blk 1, Lakeview. All work for one-story bungalow.
 Owner—The McCarthy Co., 316 Bush St., San Francisco.
 Architect—None.
 Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
 Filed July 12, '24. Dated June 19, '24.
 30 days after frame up 25%
 30 days after brown coated 25%
 30 days after comp. and accept. 25%
 Usual 35 days 25%
TOTAL COST, \$3000
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

PLUMBING

(3046) W JULIAN AVE 275 N 16th N 73-2 1/2 x 100. Plumbing and heating for building.
 Owner—Frederick P. Schuster, % Arch. Architect—Frank S. Holland, 1629 Folsom St., San Francisco.
 Contractor—Gilley Schmid Co., 198 Otis St., San Francisco.
 Filed July 12, '24. Dated July 11, '24.
 Roughed in \$3195
 Completed and accepted 3195
 Usual 35 days 2130
TOTAL COST, \$8520
 Bond, \$4280. Sureties, Wm. Sperry and J. V. Young. Limit, 100 days. Forfeit, \$25. Plans and specifications filed.

RESIDENCE
(3047) N TERRACE DRIVE 110.94 W Santa Clara Ave Lot 8 Blk 20, St. Francis Wood. All work for one-story frame residence.
Owner—Kate A. Lenzen, 1524 Irving St., San Francisco.
Architect—Theo. W. Lenzen, Humboldt Bank Bldg., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed July 12, '24. Dated July 11, '24.
Roof sheathed \$1700
Roof shingled and plumbing 2062
roughed in 1684
Completed and accepted 1816
36 days after
TOTAL COST, \$7262
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3048) W JULIAN AVE 275 N 16th N 73-2 1/2 x 100. All work except heating and plumbing for three-story and basement frame apartments.
Owner—Frederick P. Schuster, 2505 Green St., San Francisco.
Architect—Frank S. Holland, 1629 Folsom St., San Francisco.
Contractor—O. C. Holt, 180 Jessie St., San Francisco.
Filed July 12, '24. Dated July 7, '24.
Rustic on \$10,453
Brown coat 10,453
Standing finish on 10,453
Completed and accepted 15,938
Usual 35 days \$55,750
Bond, \$28,225. Sureties, V. Passio and Eugene Diethin. Limit, 120 days. Forfeit, \$25. Plans and specifications filed.

APARTMENTS
(3049) E SIXTEENTH AVE 218-6 N Cabrillo. Two-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. \$9500

APARTMENTS
(3050) N CALIFORNIA 225 E First Ave. Two-story and basement frame (16) apartments.
Owner—D. Emanuel, 4005 California St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$35,000

FRAME FLATS
(3151) S EIGHTEENTH AVE 200 S Cabrillo. Two-story and basement frame (2) flats.
Owner—P. J. Ursin, 50 Embarcadero, San Francisco.
Architect—None. \$9000

POSTOFFICE BLDG.
(3052) NE GORE CORNER EMBARCADERO, Washington and Merchant streets.

Fireproof Postoffice building.
Owner—Jacob Kulp, Chicago, Ill.
Architect—A. A. Schuler, 130 Montgomery St., San Francisco.
Architect—A. Schuler, 130 Montgomery St., San Francisco.
Contractor—MacDonald and Kahn, 130 Montgomery St., S. F. \$400,000

DWELLING
(3053) W THIRTY-FIFTH AVE, 50 N Anza. 1-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. \$4000

RESTAURANT
(3054) S ARMY 80 W Potrero Ave. 1-story frame restaurant.
Owner—Chris Stathis, 5025 3rd Street, San Francisco.
Architect—None. \$1800

DWELLING
(3055) S JUDAH 57-6 E 28th Ave. 1-story and basement frame dwelling.
Owner—T. A. Douglas, 2727 Geary St., San Francisco.
Archit. & Contractor—T. A. Douglas, 2727 Geary St., S. F. \$3500

ALTERATIONS
(3056) 759 BUENA VISTA AVENUE. Alterations for flats.
Owner—Miss R. T. McGeough, 759 Buena Vista Ave., S. F.
Architect—D. L. Lambaugh, 853 Monadnock Bldg., S. F.
Contractor—Fuerst and MacDonald, 2616 San Jose Ave., S. F. \$5000

DWELLING
(3057) W TWENTY-SECOND AVE 300 S Taraval. 1-story and basement frame dwelling.
Owner—J. W. Becker, care contractor.
Architect—None.
Contractor—Meyer Bros. 1 Montgomery St., San Francisco. \$3000

DWELLING
(3058) SW KEITH & REVERE AVES. 2-story and basement frame dwlg.
Owner—Gust Michos, 911 Minnesota St., San Francisco.
Architect—None.
Contractor—W. R. Rooms, 747 Joost Ave., S. F. \$5200

DWELLING
(3059) W UTAH 248 S 17th. 1-story and basement frame dwelling.
Owner—Wm. H. and Effie A. Mitchell, 466 Utah St., S. F.
Architect—None.
Contractor—James Low, 76 Coleridge St., San Francisco. \$3790

DWELLING
(3060) W PLYMOUTH AVE. 175 N Grafton. 1-story and basement frame dwelling.
Owner—Henry Erickson, 1825 Church St., San Francisco.
Architect—None. \$3000

APARTMENTS
(3061) NW CHESTNUT AND LAGUNA Three-story and basement frame (12) apartments.
Owner—Stock & Jose, 251 Kearny St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$20,000

DWELLING
(3062) N TARAVAL 30 E Funston Ave. One-story and basement frame dwelling.
Owner—Hubert, 2420 19th Ave., San Francisco.
Architect—J. Bettancourt, 1885 Hayes St., San Francisco.
Contractor—J. Bettancourt, 1885 Hayes St., San Francisco. \$3000

ALTERATIONS
(3063) N V. LEAVENWORTH. Re-model for office quarters and construct vaults (film exchange).
Owner—Metro Goldwyn Pictures, 71 Leavenworth St., San Francisco.
Plans by Owners.
Contractor—L. M. Coggins, 1120 Oak St., San Francisco. \$3000

ALTERATIONS
(3064) N 916 A MARKET. New show windows; extend mezzanine floor.
Owner—National Shirt Shops, Prem.
Architect—Wheat Cabinet Co., 1741 E 15th St., Los Angeles.
Contractor—Ostlund & Johnson, 1901 Bryant St., S. F. \$1800

FLATS
(3065) SW BALBOA AND 29TH AVE. 2-story and basement frame (4) flats.
Owner—P. & J. Ferrari, 458A 9th Ave., San Francisco.
Architect—None.
Contractor—G. Sangiacomo, 3115 Shafter Ave., Oakland. \$14,000

RESIDENCE
(3066) N TERRACE DR. 284 E Santa Clara Ave. 2-story and basement frame residence.
Owner—R. D. Hickman.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Contractor—N. F. Johnson, 1934 Folsom St., S. F. \$7400

RESIDENCE
(3067) S LIBERTY 105 E Sanchez, No. 375 Liberty. All work for 1-story and basement frame residence.
Owner—Robert Poulds, 375 Liberty St., San Francisco.
Architect—A. W. Richardson, 941 1/2 Church St., S. F.
Contractor—Henry S. Thomas.
Filed July 14, 1924. Dated July 9, 1924.

Floor joists for basement floor \$500
Over garage in place 1360
Enclosed ready for plaster 1360
Brown coat 1360
Completed and accepted 1360
Usual 35 days \$6110
TOTAL COST, \$6110
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

FLATS
(3068) NE EIGHTEENTH AND VERMONT. 110 to pt. of beg. —, 30 E 100 N 30 W 100. All work for 2-story frame flat bldg.
Owner—Matilda M. and John B. Reverson.
Architect—None.
Contractor—The Co-operative General Contractors and Thos. A. Sourich, 1733 Falou Ave., S. F.
Filed July 14, 1924. Dated July 9, 1924.
Foundation done and material on ground for frame work \$2200
Brown coat 1150
Completed and accepted 2200
Usual 35 days 2200
TOTAL COST, \$7750
Bond, sureties, forfeit, limit, none. Plans and specifications not filed.

HUNGALOW
(3069) W BRIGHTON AVE. 100 S Grafton, S 25 x W 112-5, Lot 35, Blk. 6, Lakeview. All work for 1-story bungalow.
Owner—The McCarthy Co., 316 Bush St., S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Grandview Ave., S. F.
Filed July 14, 1924. Dated July 8, 1924.
30 days after frame is up 25%
30 days after brown coat 25%
30 days after completed and accepted 25%
Usual 55 days 25%
TOTAL COST, \$3400
Bond, sureties, none. Forfeit, \$1 per day. Limit, 90 days. Plans and specifications filed.

RESIDENCE
(3070) LOT 7 BLK. 19, Resubdivision of Blks. 18 and 21 and ptn. Blk. 19, and Lots 1 and 2, ptn. Blk. 19, St. Francis Wood Extension No. 2. 2-story and basement frame residence.
Owner—Westgate Park Co., 278 Post St., S. F.
Architect—Masten & Hurd, 278 Post St., S. F.
Contractor—Nils P. Johnson, 1934B, Folsom St., S. F.
Filed July 14, 1924. Dated July 10, 1924.
Frame up \$1850
Brown coat 1850
Completed and accepted 1850
Usual 35 days 1850
TOTAL COST, \$7400
Bond, \$3700. Sureties, S. L. Forsyth and O. Monson. Forfeit, \$5.00. Limit, 90 days. Plans and specifications filed.

APARTMENTS
(3071) S PINE 137-6 W TAYLOR. All work for painting for class B concrete apartment bldg.
Owner—Madge H. and George L. Fish, 1001 Pine St., S. F.
Architect—Quandt & Bos, Humboldt Bank Bldg., S. F.
Contractor—Maudrell & Bowen, 320 Hayes St., S. F.
Filed July 14, 1924. Dated June 10, 1924.
5th of each month 75%
Usual 35 days Balance
TOTAL COST, \$5000
Bond, \$2500. Sureties, United States Fidelity & Guaranty Co. Forfeit, none. Limit, Sept. 1, 1924. Plans and specifications filed.

(3072) THREE AUTOMATIC DUMB waiter elevators on above.
Contractor—The California Elevator Co., 441 Elizabeth St., S. F.
Filed July 14, 1924. Dated June 25, 1924.
On delivery of merchandise to building 3500
Balance on completion. TOTAL COST, \$3450
Bond, \$1750. Sureties, T. M. Toole and M. Martin. Forfeit, none. Limit, Sept. 1, 1924. Plans and specifications filed.

APARTMENTS
(3073) S JACKSON 110 E Larkin. 2-story and basement frame (2) apartments.
Owner—Chas. J. U. Koenig, 520 Church St., S. F.
Architect—None. \$20,000

ALTERATIONS
(3074) 2131, 2133 LYON ST. Alterations for apartments.
Owner—Dr. and Mrs. Leon Lazarus, 2133 Lyon St., S. F.
Architect—None.
Contractor—Bruce & Ash, 1944 Webster St., S. F. \$2000

DWELLING
(3075) S. VASQUEZ 180 E Laguna Honda Bldg. 1-story and basement frame dwelling.
Owner—Hawkins Improvement Co., Mills Bldg., S. F.
Architect—O. R. Thayer, French Bank Bldg., S. F. \$3000

DWELLING
(3076) S. VASQUEZ 220 E Laguna Honda Bldg. 1-story and basement frame dwelling.
Owner—Hawkins Improvement Co., Mills Bldg., S. F.
Architect—O. R. Thayer, French Bank Bldg., S. F. \$3500

DWELLINGS
(3077) N FLOOD AVE. 100, 125 W Edna. Two 1-story and basement frame dwellings.
Owner—James Arnott & Son, 235 Granville Way, S. F.
Architect—None. \$5000 each

APARTMENTS
(3078) E VAN NESS AVE. 30 N Union. 3-story and basement frame (12) apartments.
Owner—Mr. and Mrs. C. W. Gould, 2448 Baker St., S. F.
Designer and superintendent of construction—W. C. Mahoney, 822 Union St., S. F. \$40,000

RESIDENCE
(3079) N TERRACE DR. 881 E Santa Clara Ave. 2-story and basement frame residence.
Owner—K. L. Hickman.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Contractor—Neils F. Johnson, 1934 Folsom St., S. F. \$7400

ADDITION, ETC.
(3080) 1150 CLAY ST. 2-room addition; underpinning; concrete work, etc., for club.
Owner—California Club, 1750 Clay St., San Francisco.
Architect—None. \$1000

APARTMENTS
(3081) W JONES 62-6 S Jackson. 2-story and basement frame (9) apartments.
Owner—Mrs. Sarah Picard, 1456 Jones St., S. F.
Architect—W. G. Hind, Hearst Bldg., San Francisco. \$21,000

DWELLING
(3082) E FUNSTON AVE. 193-9 N Taraval. 1-story and basement frame dwelling.
Owner—E. A. Kraft, 1102 Scott St., San Francisco.
Architect—Rex D. Weston, Los Angeles
Contractor—E. C. Herrin, 842 5th Ave., Oakland. \$3500

RESIDENCE
(3083) N GREENWICH 137-6 E Leavenworth. 2-story and basement frame residence.
Owner—A. Minutoli, 1945 San Bruno Ave., S. F.
Architect—Stanton Willard, 1945 San Bruno Ave., S. F. \$7600

FLATS
(3084) W ELEVENTH AVE. 100 S Catbrillo. 2-story frame store and flat.
Owner—Martin F. Welch, Mills Bldg., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., S. F. \$9500

DWELLING
(3085) S BALBOA 42-6 W 25th AVE. 1-story and basement frame dwlg.
Owner—E. A. Janzer, 402 Hearst Bldg., San Francisco.
Architect—None. \$1000

DWELLING
(3086) W FORTIETH AVE. 250 S Anza. 1-story and basement frame dwelling.
Owner—F. Carroll Reed, 683 7th Ave., San Francisco.
Plans by owner. \$3500

FACTORY BLDG.
(3087) W SIXTH 237-6 S FOLSOM. 2-story and basement concrete factory bldg.
Architect—J. H. Hjul, 128 Russ St., S. F.
Owner—J. H. Hjul, 128 Russ St., S. F. \$20,000

CONCRETE BLDG.
(3088) N FOURTEENTH 145-7 E Mission. 1-story concrete cleaning & dyeing works.
Owner—J. H. Hjul, 128 Russ St., S. F.
Architect—J. H. Hjul, 128 Russ St., S. F. \$10,000

DWELLING
(3089) N BOSWORTH 448 W Bernside. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. \$4500

DWELLING
(3090) SW WINDING WAY AND Naylor. 1-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. \$4500

DWELLINGS
(3091) SE CHICAGO AND NAYLOR; (3092) S CHICAGO 96 E Cordova. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. \$4500 & \$3300

ALTERATIONS
(3092) 1670 PINE ST. New flooring rearrange stairs, etc., for factory.
Owner—Union Trust Co., Market and Grant Ave., S. F.
Architect—None.
Contractor—L. A. Hinson, 1228 Lyon St., San Francisco. \$1250

REPAIRS
(3093) 43 COLE ST. Repairs to drying porch and fireproof same; terra cotta tile, etc., painting and tinting for fire damage repairs to flats.
Owner—S. Hynes, 180 Jessie St., S. F.
Architect—None.
Contractor—Chas. Coburn, 150 Jessie St., S. F. \$1500

ALTERATIONS
(3094) 3962 CLAY STREET. Remodel for garage quarters.
Owner—M. Breitman, 41 Sutter St., San Francisco.
Plans by owner. \$1000

ADDITION
(3095) 1763 SUTTER ST. Addition for gymnasium 28 ft. wide, 32 ft. long, 16 ft. high.
Owner—K. Sano, 1763 Sutter St., S. F.
Architect—None.
Contractor—Y. Ishii, 1675 Post St., S. F. \$1500

DWELLING
(3096) SE LINCOLN WAY AND 31ST AVE. 2-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Ave., S. F.
Architect—None. \$6000

DWELLING
(3097) N DE WOLF 180 NE Sickles. 1-story and basement frame dwlg.
Owner—A. Bino, 734 Winthrop Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F. \$2000

APARTMENTS
(3098) SW ANZA AND 14TH AVENUE. 3-story and basement frame (12) apartments.
Owner—Fred Anderson, 720 38th Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F. \$20,000

N TERRACE DRIVE 110-94 W Santa Clara Ave. 1-story and basement frame dwelling.
Owner—Kate A. Lenzen, 1524 Irving St., San Francisco.
Architect—Theo. W. Lenzen, 785 Market St., S. F.
Contractor—Mangels Bros., 4792 Mission St., S. F. \$6000

N SUNNYSIDE AVE. 175, 200, 225, 250 and 275 E Hamburg. Five 1-story and basement frame dwellings.
Owner—Rudolph Mohr & Sons, 283 Pacific Bldg., S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. \$4000 each
NOTE—Recorded contract reported Feb. 26, 1924, No. 813.

W BRIGHTON 100 S Grafton. 1-story and basement frame dwelling.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$9600

BUNGALOW
(3099) E GENESSEE 25 S Joost Ave. S 25 x 13 100. All work for 1-story frame bungalow with basement.

Owner—G. Jelm, 854 Fell St., S. F.
Architect—None. Plans by contractor.
Contractor—G. Jelm & Thomas F. Bell, 854 Fell St., S. F.
Filed July 15, 1924. Dated April 3, 1924
Roof boards on \$1000
Brown coated 1000
Outside trim on 1000
Usual 35 days
TOTAL COST, \$4000
Bond, Forfeit, none; Limit, 30 days;
Plans and specifications, none.

BUILDING
(3100) W LANGTON 250 S Howard S 25 x W 75. All work for 2-story frame building.
Owner—E. A. Bassetti, 52 Langton St., San Francisco.
Architect—John J. J. Foley 770 5th Ave San Francisco.
Contractor—Gustav Spitz, 56 Langton St., San Francisco.
Filed July 15, 1924. Dated June 25, 1924
Frame up \$2974
Brown coated 2974
Completed and accepted 2974
Usual 35 days 2974
TOTAL COST, \$11,896
Bond, Forfeit, none; Limit, 100 days;
Plans and specifications, none.

APT. BLDG.
(3101) E GUERRERO 180 S 17th. All work except finish hardware, wall beds, window shades, lighting fixtures, wall safes, all paper and sidewalk for 2-story and basement frame apartment building.
Owner—P. H. & Emma J. Keenau, 757 Guerrero St., San Francisco.
Architect—E. U. Essman, 277 Diamond, San Francisco.
Contractor—Olson, 570 Guerrero St., San Francisco.
Filed July 15, 1924. Dated July 12, 1924
Frame up \$3947.50
Brown coated 3947.50
Completed and accepted 3947.50
Usual 35 days 3947.50
TOTAL COST, \$15,790
Bond, \$8000; Sureties, Patrick Donnelly and John J. Murray; Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLING
(3102) 34 ALVARADO ST. bet. San Jose Ave. and Guerrero. All work except plumbing, painting and electric fixtures for 2-story frame dwelling.
Owner—Mager & Patrick Sullivan.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed July 15, 1924. Dated July 14, 1924
Frame up \$3947.50
Brown coated 3947.50
Completed and accepted 3947.50
Usual 35 days 3947.50
TOTAL COST, \$2855
Bond, Forfeit, none; Limit, 60 days; plans and specifications filed.

WAREHOUSE
(3103) N HOWARD 325 E Eighth. One-story and basement brick warehouse.
Owner—Wakelee's Pharmacies, 38 Beale St., San Francisco.
Architect—M. G. Eugster, 619 Washington St., San Francisco.
Contractor—Thos. S. Hoin, 1802 Catbrillo St., S. F. \$13,000

DWELLING
(3104) W KANSAS 55-6 E Mariposa. One-story and basement frame dwelling.
Owner—F. Goeres, 124 Jersey St., San Francisco.
Architect—None. \$2000

DWELLINGS
(3105) W THIRTY-FIFTH AVE 250 and 275 N Irving. Two one-story and basement frame dwellings.
Owner—Soracco Bros., 125 30th St., San Francisco.
Architect—A. A. Soracco, 127 30th St., San Francisco. \$3500 each

ADDITION
(3106) NO. 57 PARKER AVE. Two-story frame addition to present building.
Owner—F. A. Frost, 53 Parker Ave., San Francisco.
Architect—None.
Contractor—B. W. Demarais & Sons, 732 Page St., S. F. \$1985

DWELLING
(3107) W LISBON 100 S Brazil. One-story and basement frame dwlg.
Owner—Stephen Bisio, 227 Brazil Ave., San Francisco.
Plans by Owner. \$4500

SHOP
(3108) S CLEMENTINA 75 E Fourth. One-story frame carpenter shop.
Owner—W. H. Egan, 1614 6th Ave., San Francisco.
Architect—None.
Contractor—James T. McCarthy, 436 Eureka St., S. F. \$1000

FLAT BLDG.
(3109) E EIGHTH AVE. 150 S Lincoln Way S 25 x E 120. All work for 2-story frame flat building.
Owner—Wm. C. & Catherine M. Gilmore, 135 Clipper St., S. F.
Architect—None.
Contractor—Maier & Rawls.
Filed July 16, 1924. Dated July 15, 1924.
Roof on \$3047.50
Brown coated 3047.50
Completed and accepted 3047.50
Usual 35 days 3047.50
TOTAL COST, \$12,142.50
Bond, Sureties, none; Forfeit, 35; Bonus 35; Limit, 90 days; Plans and specifications filed.

APT. BLDG.
(3110) SW BALBOA AND TWENTYNINTH AVE. All work except window shades and electric fixtures for 2-story frame apartment bldg.
Owner—P. & J. Ferrari, 458-A 9th Ave., San Francisco.
Architect—None.
Contractor—G. Sangiacomo, 3815 Shafter Ave., Oakland.
Filed July 16, 1924. Dated July 14, 1924.
Roof on \$3500
Brown coated 3500
Completed and accepted 3500
Usual 35 days 3500
TOTAL COST, \$14,000
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

APT. BLDG.
(3111) N GREEN 150 W Fillmore N 137-6 W 27-6. All work for 3-story and basement frame apartment building.
Owner—Lyman J. Potter, 782 Minnesota St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor—Denke & Bowes, 1317 Hyde St., San Francisco.
Filed July 16, 1924. Dated July 14, 1924.
1st floor joists set \$6590
Rustic and roof on 6590
Rough plastered 6590
Completed and accepted 6590
Usual 35 days 8787
TOTAL COST, \$35,147
Bond, Forfeit, none; Limit, 120 days; Plans and specifications filed.
NOTE—Permit reported June 14, 1924 No. 2677.

BUILDING
(3112) SE DIVISADERO AND CLAY 106-3 S 127-3 1/2 W 25 N 25 W 81-3 N 102-3 1/2. Carpentry and mill work etc. for 1-story mezzanine and basement brick building.
Owner—Sixth Church of Christ Scientist.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—J. H. Kruse, 23rd & Shotwell St., San Francisco.
Filed July 16, 1924. Dated July 9, 1924.
1st each month 75%
Usual 35 days 25%
Bond, \$5899; Sureties, E. J. Dodge Co., A. R. McCullough; Forfeit, none; Limit as fast as required; Plans and specifications filed.

(3113) HEATING, OIL BURNING & ventilating equipment on above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed July 16, 1924. Dated July 9, 1924.
Payments same as above.
TOTAL COST, \$5871.50

Bond, \$2935; Sureties, Wm. P. Scott & H. M. Van Pelt; Forfeit, none; Limit, as fast as required; Plans and specifications filed.

(3114) PLUMBING FIXTURES FOR & above auditorium floor on above.
Contractor—Wm. P. Goss, 4640 Geary St., San Francisco.
Filed July 16, 1924. Dated July 9, 1924.
Payments same as above.
TOTAL COST, \$1181
Bond, \$591; Sureties, Thos. E. Mohler and Howard E. Hickey; Forfeit, none; Limit, as fast as required; Plans and specifications filed.

(3115) PAINTING ON ABOVE.
Contractor—Gurnette & Chandler, 51 Beaver St., San Francisco.
Filed July 16, 1924. Dated July 9, 1924.
Payments same as above.
TOTAL COST, \$4300
Bond, \$2450; Sureties, American Surety Co.; Forfeit, none; Limit, as fast as required; Plans and specifications filed.

(3116) MARBLE FLOOR, AND BASES thresholds and plinths on above.
Contractor—Clervi Marble & Mosaic Co., 180 Jessie St., San Francisco.
Filed July 16, 1924. Dated July 10, 1924.
Payments same as above.
TOTAL COST, \$2041
Bond, \$1021; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, as fast as required; Plans and specifications filed.

(3117) EXTERIOR CAST CEMENT work, ornamental plaster and plastering on above.
Contractor—Carroll & O'Brien, 180 Jessie St., San Francisco.
Filed July 16, 1924. Dated July 2, 1924.
Payments same as above.
TOTAL COST, \$10,161
Bond, \$5080.50; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, as fast as required; Plans and specifications filed.

(3118) VACUUM CLEANER EQUIPMENT on above.
Contractor—S. F. Compressed Air Cleaning Co., 535 Sutter St., S. F.
Filed July 16, 1924. Dated July 10, 1924.
Completed and accepted \$425.25
Usual 35 days 141.75
TOTAL COST, \$567
Bond, Forfeit, none; Limit, as fast as required; Plans and specifications filed.

(3119) FINISH HARDWARE ON above.
Contractor—E. M. Hundley, 183 Stevenson St., San Francisco.
Filed July 16, 1924. Dated July 10, 1924.
On delivery of all material \$556.25
Usual 35 days 118.75
TOTAL COST, \$475
Bond, Forfeit, none; Limit, as soon as required; Plans and specifications filed.

(3120) TILING FOR TOILET ROOMS of and above auditorium floor on above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed July 16, 1924. Dated July 9, 1924.
Completed and accepted \$234
Usual 35 days 78
TOTAL COST, \$312
Bond, Forfeit, none; Limit, as soon as required; Plans and specifications filed.

BUILDING
(3121) W THIRTY-FIFTH AVE 175 S Lincoln Way 25x120. Carpenter, electric, plastering and mill work, etc. for one-story frame building.
Owner—Paul and Tillie Kovachik, 1375 10th Ave., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed July 16, 1924. Dated July 10, 1924.
Frame up \$148.50
Brown coated 1487.50
Completed 1487.50
Usual 35 days 1487.50
TOTAL COST, \$3560.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

NOTE—Permit reported July 12, '24, No. 3024.

BUNGALOW
(3122) N STAPLES AVE 225 W Detroit W 25xN 112-6 Lot 30 Blk 29, Sunnyside. All work for one-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James A. Arnott & Son, 235 Granville Way, San Francisco.
Filed July 16, '24. Dated July 14, '24.
30 days after frame up 25%
30 days after brown coated 25%
30 days after comp. and accept. 25%
Usual 35 days 25%
TOTAL COST, \$3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE
(3123) NE POST AND KEARNY. Fixtures and fittings for store in building.
Owner—Paul T. Carroll, 764 Market St., San Francisco.
Architect—Charles E. Gottschalk, Phelan Bldg., San Francisco.
Contractor—The Fink & Schindler Co., 213 13th St., San Francisco.
Filed July 16, '24. Dated July 15, '24.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$1000
Bond, none. Limit, Sept 1, 1924. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
July 9, 1924—N LOMBARD 56-3 W Octavina 25x82-6. S Steiner, 150 whooping it may concern. July 9, 1924
July 9, 1924—SE JOOST AVE AND Edna S 25x E 100 Ptn Lots 38 and 39 and 48 Blk 21, Sunnyside. Moneta Invest Co to James J. Roy M. & Son. July 1, 1924
July 9, 1924—E EDNA 25 S Joost A S 25x E 100 Ptn Lots 38, 39 and 47 Blk 21, Sunnyside. Moneta Invest Co to Jas Arnott & Son. July 1, 1924
July 9, 1924—E EDNA 50 S Joost A S 25x E 100 Ptn Lots 38, 39 and 46 Blk 21, Sunnyside. Moneta Invest Co to Jas Arnott & Son. July 1, 1924
July 9, 1924—E EDNA 75 S Joost A S 25x E 100 Ptn Lots 38, 39 and 45 Blk 27, Sunnyside. Moneta Invest Co to Jas Arnott & Son. July 1, 1924
July 9, 1924—W FIFTEENTH AVE 233 S Geary M 25x115. Roy M. and Georgia M Hoffman to Wm G Zupar. June 30, 1924
July 9, 1924—NW O'FARRELL AND Shannon th 112-6W 96. Fifth Church of Christ Scientist to John Morison. July 5, 1924
July 9, 1924—S TARAVAL 32-6 E 24th Ave. Vincent Buckley to whom it may concern. July 30, 1924
July 9, 1924—NW MINNA 65 NE 3th NE 60 NW 80 SW 60 NW 40 SW 65 SE 60 NE 65 SE 40. Pacific Gas & Electric Co to Fordeur Cornice Works. July 2, 1924
July 9, 1924—W FIFTH AVE 50 S Judah S 25xW 95. E M Norton to Dahlberg & Peterson. July 9, 1924
July 9, 1924—SW SIXTEENTH AVE and California. 56-60 E. Strand & Strand to whom it may concern. July 9, 1924
July 9, 1924—S EDDY 82-6 E Polk 65 x137-6. E V Lacey to whom it may concern. July 30, 1924
July 9, 1924—W THIRTY-FIFTH AVE 175 S Taraval S 25x 120. Parkside Realty Co to whom it may concern. July 9, 1924
July 9, 1924—N O'FARRELL 137-1 1/2 E 10th Ave. E 85-10 1/2xN 137-6. Mount Olivet Cemetery Assn. to Sibley Grading & Teaming Co. July 10, 1924
July 10, 1924—S 20TH AVE W ARKANSAS W 25 S 100. Jas. Flogrove to Jos. Maguire. July 8, 1924
July 10, 1924—NW 17TH AVE. AND Fulton 50 x 82-6 W 17th Ave. N Fulton 23-6 x 82-6 W 17th Ave. 73-6 N Fulton 23-6 x 82-6. I. Epp to whom it may concern. July 10, '24
July 10, 1924—SE GEARY & COOK E 40 x 89-3, ptn. Blk. D. John R. Hd. Assn. Jacob Weisslein to Clifton S. Parker. July 10, 1924
July 10, 1924—E THIRTY-SEVENTH N Irving N 75 x E 120. John E. and Ethel M. McCarthy. July 9, '24

JULY 15, 1924—LOT 13 & POR LOT 14
Schoolhouse Tract, Berkeley, W. A.
Walker to whom it may concern
..... July 14, 1924

JULY 15, 1924—LOT 10
POR LOT 11
Map Schoolhouse Tract, Berkeley,
W. A. Walker to whom it may concern
..... July 14, 1924

JULY 15, 1924—E-THIRTY-NINETH
Ave 125 N Fulton 25x120; E 39th
Ave 200 N Fulton, 25x120, Herbert
W Flinck to whom it may concern
..... July 10, 1924

JULY 16, 1924—NE CORNER 25th
to Victor Holmgren July 11, 1924

JULY 16, 1924—NE UNIVERSITY AVE
and Bacon N to Felton E to Bow-
doin S Burows Hamilton Co
Bacon N to University Ave Spring
Valley Water Co to Cement Gun
Constr Co July 10, 1924

JULY 16, 1924—NW GREEN AND
Steiner, Roman Catholic Mis-
sionary Bishop of S F to T B Goodwin..... July 10, 1924

JULY 16, 1924—LOT 8 BLK 6450,
Crocker Amazon No. 2 Crocker
Estate Co to whom it may con-
cern July 8, 1924

◆

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

JULY 11, 1924—N WASHINGTON 130
E Gough E 50-XN 127-8 1/4. Gunn
Carle & Co vs Thomas McDougall.....\$2097

JULY 11, 1924—E ARGUELLO
S Edward S 25xE 100. Sculo &
Son vs Margaret Blodgett.....\$40

JULY 11, 1924—N WASHINGTON 130
E Gough E 50-XN 127-8 1/4. Steel-
form Contracting Co vs H. M. Mc-
Donald and Las Concrete Co.\$3600

JULY 11, 1924—LOT 23 BLK 2975,
Claremont Court. Reinhart Lum-
ber & Planing Mill vs McCauley &
Warner and L. J. Bryan vs D
Tobin\$1484.18

JULY 11, 1924—S FELL 137-6 E Pierce
E 55-2X S 137-6 W 55-2 —. Jas E
Lennon Lime & Cement Co.....\$439.60

JULY 11, 1924—SE QUESADA AVE
1242 NE Third SE 100 NE 25 NW
100 SW 25 Supreme Paint, Varnish
& Enamel Co vs Thomas A Strick
and Serafino Ferrero and Parlett
.....\$107.05

JULY 10, 1924—S PALOU AVE. 200 W
Newhall W 125 x S 100. James T.
Tobin vs. T. A. Sourich.....\$1091.25

JULY 10, 1924 W 33RD X 25th
W 25 x S 25 W 100 Tyre Bros.
Glass Co. vs Sol Getz & Sons..\$303.73

JULY 10, 1924—N 29TH 203 S Church
W 25 x N 114. L. J. Bryan vs
Edith A. Fazzio and Leo. W. Mer-
ritt Building Co., Inc.\$479.

JULY 14, 1924—PTN LOTS 16 & 17
Blk 25 Map of Warner Trct Bklyn
Twp. Neighbors Lumber Yard vs
Leina G. Michaelson and L.
Hewitt\$653.26

JULY 15, 1924—E FOERSTER 25 N
Hearst Ave E 100 S 25 E 100 N
112-6 x 112 S 62-6 x 112 S 25.....\$5.

VINCENTO PIZZO vs John Brynner
Sunset Bldg & Realty Co, Jos and
Alma A Plume.....\$160

JULY 14 1924 — SE OCTAVIA AND
Page Dr 137-6 x 60 Joseph Mu-
bach and F Ghilotti vs. H. A. and
Clara A. Berch\$730

JULY 14, 1924—N 29TH 203 S Church
W 25-x S N 114, No. 320 29th St
Electric Co vs. G. and H. Fazio.
Merritt Bldg Co., G. and H. Fazio.
.....\$270.00

JULY 12, 1924—N WASHINGTON 130
E Gough E 50-XN 127-8 1/4. J S
Quinn Co vs Thomas McDougall &
Atlas Concrete Co.Jos McDougall &
Atlas Concrete Co.Jos McDougall &

SAN FRANCISCO COUNTY

Recorded	Amount
July 11, 1924—N WASHINGTON 130 E Gough E 50-9XN 127-834. Gunn Carle & Co vs Thomas McDougall	\$2097
July 11, 1924—E ARGUELLO BLVD 50 S Edward S 25x100. L. Sculco & Son vs Margaret Blodgett.	\$40
July 11, 1924—N WASHINGTON 130 E Gough E 50-9XN 127-834. Steel- form Contracting Co vs Thos Mc- Dougall and Atlas Concrete Co.	\$3600
July 11, 1924—927 E 10TH ST Flaremont Court. Reinhart Lum- ber & Planing Mill vs McCauley & Weber and Rita L and Robt D Tobin	\$1434.18
July 11, 1924—E 10TH ST 130 E 55-2XS 137-6 W 55-2. Jas E Lennon Lime & Cement Co vs Edith A Schindler	\$439.60
July 11, 1924—SE 10TH ST 124-42 NE Third SE 100 NE 25 NW 124 SW 25. Supreme Paint, Varnish & Enamel Co vs Thomas A Sourich and Serafino Ferrara and J Parfett	\$7.05
July 11, 1924—CALO AVE 200 W Newhall W 125 x S 100. James T. Nobin vs. T. A. Sourich.	\$1091.
July 10, 1924—W 43RD AVE. 250 N Irving N 25 x W 120. Tyre Bros Co 10. vs Geo. E. Gough & Son	\$30.73
July 10, 1924—N 29TH 203 W Church W 25 x N 114. L. J. Bryan vs G. and A. Fazio and Geo. W. Mer- ritt Building	\$479.
July 14, 1924—FT. LOTS 11 & 17 Blk 25 Map of Warner Trct Bklyn Twp. Neighbors Lumber Yard vs Alvin J. Michaelson and C. L. Hart	\$563.
July 15, 1924—E FOERSTER 25 N Hearst AVE E 100 S 25 E 100 N 112-6 W 100 S 62-6 W 100 S 25. Incenzini Fizzo & John E. Borch St. Bldg. Realty Co Jos and Alma A Plume	\$160
July 14, 1924—SE OCTAVIA AND Page E 27-6. S 60. Joseph Lub- bards F. E. Ghilotti vs. H. A. and Clara A. Berch	\$730
July 14, 1924—N 29TH 203 W Church W 25-5 x N 114. Co. 32 and 29th St. Flouplar Electric Co. vs Geo. M. Merritt Bldg. Co., G. and A. Fazio.	\$270.00
July 12, 1924—N WASHINGTON 130 E Gough E 50-9XN 127-834. J S Gunn Carle & Co vs Thomas Mc- Dougall & Atlas Concrete Co.	\$1138.

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RELEASE OF LIENS

SAN FRANCISCO COUNTY

July 15, 1924—NE GEARY AND Thirty-fifth Ave E 32-6xN 100. G Massagli & Co to C D Delmarter and F J Povey.
 July 15, 1924—NE GEARY AND Thirty-fifth Ave E 32-6xN 100. Christenson Lumber Co, G B Backson & Sons, Uhl Bros, California Door Co to F J Povey and C D Delmarter.
 July 15, 1924—E THIRTY-FIFTH Ave 200 S Clement S 25x E 12r D N & E Walter & Co to F J Povey
 July 14, 1924—E FOLSOM 143 N 22nd N 36 x E 122-6. J. J. Dempsey, J. H. Kruse vs Charles Penny, J. I. Hall.
 July 11, 1924—NW O'FARRELL AND Shannon N 112-6xW 96. Michel & Pfeffer Iron Works to Fifth Church of Christ Scientist and John Morton Jersey W 101-9 N 26 E 101-5 S to beg. M G G Peck to Andrew V Johanson and Vera Doe Johanson
 July 11, 1924—W SANCHEZ 30 N

3683 Leichter Owner 6000
 3684 Horwitz Merri 22500
 3685 Alameda Vogt 3200
 3686 Business Barr 41385
 3687 Fussille Ferman 1000
 3688 Gutzen Flolow 1300
 3689 Bramstedt Heath 5500
 3690 Hale Hale 3800
 3691 Lindsay Gillespie 14000
 3692 Bohn Boiler 1800
 3693 Richards Meyer 3000
 3694 Robinson Owner 4000
 3695 Vaudewall La Voice 1000
 3696 Olofson Aweson 3500
 3697 Radke Hebel 3500
 3698 Sixth Church Maurice 3350
 3699 Williams Ellis 15000
 3700 Johnson Owner 2900
 3701 Campbell Woldbold 9000
 3702 Beach Owner 4500
 3703 Stoll Owner 2200
 3704 Deacon House 1800
 3705 Kemp Coward 4000
 3706 Reimers Owner 5500
 3707 Jones Owner 7000
 3708 Johnson Owner 3000
 3709 Stenbro Owner 3000
 3709 Greenwood Lester 1450

Architect—None.
 Contractor—Jas. Blanchard, 1431 Linden St., Oakland. \$1200

DWELLING

(3629) W ADEL CT. 140 S Montana, Oakland. 1-story 6-room dwlg.
 Owner—A. H. Monez, 1437 E-32nd St., Oakland.
 Architect—None.
 Contractor—W. E. Applewhite, 1017 Linden St., Oakland. \$4000

DWELLING

(3621) SW COR. BANA AND ALT-well Aves., Oakland. 1-story 4-room dwelling.
 Owner—A. B. Guhl, 2162 35th Ave., Oakland.
 Architect—None.
 Contractor—Jos. Flittner, 1700 35th Ave., Oakland. \$2600

APARTMENTS

(3622) E BOSTON BET. HOPKINS & Montana, Oakland. 2-story 16 rooms, 4 apts.
 Owner—S. C. Walker, 3231 Boston Ave., Oakland.
 Architect—None. \$11000

DWELLINGS

(3623) N FAVOR 200 AND 240 W 73rd Ave Oakland. Two 1-story 4-room dwellings.
 Owner—A. Lazzari.
 Architect—None.
 Contractor—R. Evans, 7010 Bissell St., Oakland. \$2750 each

ADDITION

(3624) FIRST AND OAK STS., Oakland. 2-story mill addition.
 Owner—S. C. Walker, Lumber Co., 1st and Oak Sts., Oakland.
 Architect—None. \$6000

ALTERATIONS

(3625) 9012 E-14TH ST., Oakland. Alterations and addition.
 Owner—W. A. Lett, 1742 94th Ave., Oakland.
 Architect—None.
 Contractor—L. Vannier, 522 Magnolia, Oakland. \$1500

DWELLING

(3626) W HARDING PLACE 300 W Fruitvale Ave. Oakland. 1-story 5-room dwelling.
 Owner—E. L. Stenserson, 4079 Harding Place, Oakland.
 Architect—None. \$2500

ALTERATIONS

(3627) 4175 MONTGOMERY ST., Oakland. Alterations.
 Owner—A. Marks, 4175 Montgomery St., Oakland.
 Architect—None.
 Contractor—C. W. Johnson, 650 20th St., Oakland. \$1000

DWELLING

(3628) W SIXTY-FIRST AVE. 240 S Eastlawn, Oakland. 1-story 4-rm. dwelling.
 Owner—W. W. Heltman, 1751 68th Ave. Oakland.
 Architect—None. \$1800

DWELLING

(3629) E COR. E-36TH ST. & Bruce St., Oakland. 1-story 4-room dwlg.
 Owner—John Vaughan, 561 21st St., Oakland.
 Architect—None. \$2000

(3630) N TOMPKINS 300 W VALE, Oakland. 1-story 7-room 2-family dwelling.
 Owner—A. Zirkel, 17 Merlet St., S. F.
 Architect—None.
 Contractor—F. F. Sand, 2721 School St., Oakland. \$6000

DWELLING

(3631) COM. AT A POINT ON NW Hne of Atwell Ave. dis. 380 NE from Lynde St. thence NE 50 NW 100 SW 50 SE 100 to pt. of beg. General construction 1-story 4-room rustic dwelling and garage.
 Owner—Anna B. and Albert B. Guhl, 4007 San Juan, Oakland.
 Designer—Jos. Flittner, Oakland.
 Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
 Filed July 9, 1924. Dated July 8, 1924.
 Frame up \$725
 1st coat plaster 725
 Completed 725
 Usual 35 days 725
 TOTAL COST, \$2900

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amount
3609	Marquis	Owner	3000
3610	Berkeley	Heath	1400
3611	Ambuster	Owner	3100
3612	Marquis	Owner	3000
3613	Marquis	Owner	3000
3614	Grow	Owner	4500
3615	Fox	Owner	2900
3616	Hoy	Bartlett	3871
3617	Burr	Owner	4000
3618	Brooks	Butterfield	4000
3619	James	Blanchard	1200
3620	Monez	Applewhite	4000
3621	Grehl	Flittner	2600
3622	Walker	Owner	11000
3623	Lazzari	Evans	5900
3624	Sunset	Owner	6000
3625	Lett	Vannier	1500
3626	Steinerson	Owner	2500
3627	Marks	Johnson	1800
3628	Heltman	Owner	2000
3629	Vaughan	Sand	6000
3630	Zirkel	Flittner	2800
3631	Guhl	Johnson	3824
3632	Nor	Livingston	3824
3633	Adams	Beadell	3900
3634	Miller	Johnson	10000
3635	Marston	Schuler	36000
3636	Barthels	Schuler	2500
3637	Haskala	Sand	1400
3638	Schradr	Easterly	4010
3639	Arnold	Swift	11000
3640	Spencer	Jensen	6800
3641	Frieberg	Furling	2900
3642	Roman	Patterson	4000
3643	Zilka	Patterson	4000
3644	Stone	Yeomans	3000
3645	Goodman	Owner	4900
3646	Baird	Foreman	3500
3647	Abele	Owner	3000
3648	Shock	Owner	8000
3649	McIntier	Owner	3200
3650	Matteson	Owner	3000
3651	Greenwood	Letter	1450
3652	Danielson	Johnson	1000
3653	Brown	Hamilton	1750
3654	Bedrow	Rich	2000
3655	Schwartz	White	4000
3656	Bransted	Heath	7200
3657	Frieberg	Jensen	1375
3658	Foundstone	Kat	12125
3659	Hoy	Bartlett	3871
3660	Goodman	Yeomans	2500
3661	Enz	Metz	1400
3662	Williams	Owner	6000
3663	Darm	Fish	5683
3664	Melcher	Greene	3743
3665	Buck	Williford	5800
3666	Stabnow	Owner	2500
3667	Brady	Anderson	9800
3668	Wilson	Owner	8000
3669	Benfer	Owner	3500
3670	Percy	Dildine	5500
3671	Benjigirdes	Owner	3500
3672	Jost	Johnson	2000
3673	Crown	Owner	2500
3674	Taylor	Owner	8000
3675	Glaser	Glaser	3700
3676	Everett	Owner	5100
3677	Randall	Henas	3000
3678	Johnson	Johnson	2000
3679	Cowell	Henas	3000
3680	Stone	Owner	4500
3681	Riehl	Forsythe	3250
3682	Disher	Owner	1800

DWELLING
 (3609) 1584 ADA STREET, Berkeley.
 Dwelling.
 Owner—P. E. Marquis, 2045 Shattuck, Berkeley.
 Architect—None. \$3000

CREAMERY

(3610) 2116 ALLSTON WAY, Berkeley.
 Owner—Berkeley Farm Creamery, 2116 Allston Way, Berkeley.
 Architect—A. T. Maulrette, S. F.
 Contractor—Heath & Wendit, 1150, The Alameda, Berkeley. \$14,000

DWELLING

(3611) 2447 EDWARDS ST., Berkeley.
 Dwelling.
 Owner—A. Ambuster, 2437 Edwards St., Berkeley.
 Architect—None. \$3100

DWELLING

(3612) 1344 MC GEE, Berkeley.
 Dwelling.
 Owner—P. E. Marquis, 2045 Shattuck, Berkeley.
 Architect—None. \$3000

DWELLING

(3613) 1363 MIRMONT AVE., Berkeley.
 Dwelling.
 Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
 Architect—None. \$3000

DWELLING

(3614) 27 ROCK LANE, Berkeley.
 Dwelling.
 Owner—J. W. Graw, 2006 Dwight Way, Berkeley.
 Architect—None.
 Contractor—J. W. Graw, 2006 Dwight Way, Berkeley. \$4500

DWELLING

(3615) 1524 SAN LORENZO, Berkeley.
 Dwelling.
 Owner—Fox Bros., 1926 University Ave., Berkeley.
 Architect—None. \$2900

STORES

(3616) 1986-90 SHATTUCK AVENUE, Berkeley.
 Owner—S. E. Hoy and S. E. Chong, 2086 University Ave., Berkeley.
 Architect—Geo. Rushford, 354 Pine St., San Francisco.
 Contractor—J. M. Barlett, 357 12th, Oakland. \$3871

DWELLING

(3617) 1756 TACOMA AVE., Berkeley.
 Dwelling.
 Owner—R. O. Burr, 1850 Solano Ave., Berkeley.
 Architect—None. \$4000

ALTERATIONS

(3618) 649 THE ALAMEDA, Berkeley.
 Alterations.
 Owner—C. W. Brooks, Alameda and Indian Road, Berkeley.
 Architect—None.
 Contractor—F. P. Butterfield, 2488 Shattuck Ave., Berkeley. \$4000

GARAGE

(3619) 1504 ADELIN ST., Oakland.
 1-story tile garage.
 Owner—Wm. James, 1504 Adeline St., Oakland.

Bond, sureties, none. Forfeit, \$1.00 per day. Limit, 70 working days after July 10, 1924. Plans and specifications filed.

RESIDENCE

(3632) LOT 201, CROCKER HIGHLANDS, Oakland. General construction 1-story residence and garage. Owner—Chris. H. Nor and Henrietta Nor, 592 Excelsior Ave., Oakland. Plans by owner.

Contractor—G. Johnson, 4652 Dolores Ave., Oakland.
Filed July 10, 1924. Dated July 5, 1924.
Roof frame up \$2105
2 coats plaster outside and inside 2105
Completed 2105
Usual 35 days 2105
TOTAL COST, \$8420

Bond, sureties, none. Forfeit, \$1.00 per day. Limit, 90 days from July 5, 1924. Plans and specifications filed.

DWELLING

(3633) 1/2 COR. EUNICE AND OXFORD STS. General construction 5-room dwelling.

Owner—Charles C. Adams, Berkeley. Architect—W. H. Livingston, 2412 Poplar, Berkeley.
Contractor—Wm. Livingston & Son, 2918 Ellis St., Berkeley.
Filed July 9, 1924. Dated July 3, 1924.
Frame up \$956
Brown coated 956
Completed 956
Usual 35 days 956
TOTAL COST, \$3824

Bond, sureties, forfeit, none. Limit, 100 days after recording contract. Plans and specifications filed.

DWELLING

(3634) LOTS 13 AND 14, BLK. 14, Map of McGee Tract. General construction 1-story 5-room frame dwlg. and garage.

Owner—R. C. and Mary Miller, Grant and Channing Way, Berkeley. Plans by owner.

Contractor—Beadell & Lane, 909 Spruce St., Berkeley.
Filed July 10, 1924. Dated June 12, 1924.
Roof on \$975
Plastered 975
Accepted 975
Usual 35 days 975
TOTAL COST, \$3900

Bond, sureties, forfeit, none. Limit, 90 days from June 16, 1924. Plans and specifications filed.

DWELLING

(3635) NO. 1331 ARCH ST., Berkeley. Dwelling.

Owner—W. H. Marston, 1500 Arch St., Berkeley.

Designer & Contractor—H. E. Johnson, San Leandro. \$10,000

STORE & APTS.

(3636) SE COR DWIGHT WAY & SAN PABLO AVE., Berkeley. Store and apartments.

Owner—G. A. Barthels, 2518 San Pablo Ave., Berkeley.

Architect—A. J. Hurley, 1025 Florida Ave., Richmond.

Contractor—Schuler & McDonald, 806 12th St., Oakland. \$38,000

DWELLING

(3637) NO. 1708 TENTH ST., Berkeley. Dwelling.

Owner—E. Haskala, 1118 Delaware St., Berkeley.

Architect—None.

Contractor—A. Ruus, 1029 Hearst Ave., Berkeley. \$2500

ADDITION

(3638) 3029 BLOSSOM ST., Oakland. 1-story addition.

Owner—F. Schrader 3029 Blossom St., Oakland.

Architect—None.

Contractor—Wm. F. Sand, 2721 School St., Oakland. \$1400

SHOP

(3639) SE FOURTEENTH ST. 60 E 85th Ave., Oakland. 1-story 2-room shop.

Owner—Martin Arnold, 934 24th St., Oakland.

Architect—None.

Contractor—John A. Easterly, 2137 Tiffin, Oakland. \$4010

APARTMENTS

(3640) N FORTY-FIRST ST. 300 W Telegraph, Oakland. 2-story 12-rm. apartments. Cost, \$11,000

Owner—V. E. Spencer, 600 41st St., Oakland.

Architect—None.

Contractor—J. W. Swift, 6073 Claremont Ave., Oakland. \$11,000

DWELLING

(3641) W MANOR ST. 50 N Flora St., Oakland. 1 1/2-story 6-rm dwelling.

Owner—Mrs. E. Frieberg 2805 Grove St., Berkeley.

Architect—Geo. O'Brien, Bacon Bldg., Oakland.

Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. \$6800

ALTERATIONS

(3642) COR. PIEDMONT & RIDGEWAY AVE., Oakland. Alterations.

Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.

Architect—None.

Contractor—Thos. F. L. Furlong, 961 Kingston Ave., Oakland. \$2900

DWELLING

(3643) W SIXTY-FIFTH AVE. 360 N Arthur, Oakland. 1-story 5-room dwelling.

Owner—Arna B. Zilka. Architect—None.

Contractor—J. F. Patterson, 2001 68th Ave., Oakland. \$4000

DWELLING

(3644) W SIXTY-FIFTH AVE. 520 N Arthur, Oakland. 1-story 5-room dwelling.

Owner—Ray J. Stone, Oakland. Architect—None.

Contractor—J. F. Peterson, 2001 68th Ave., Oakland. \$4000

DWELLING

(3645) W SIXTY-FIFTH AVE. 150 N Flora, Oakland. 1-story 5-room dwelling.

Owner—M. Goodman. Architect—None.

Contractor—J. F. Peterson, 2001 68th Ave., Oakland. \$3000

DWELLING

(3646) 968 SUNNYHILL ROAD, Oakland. 1-story 5-room dwelling.

Owner—L. M. Baird, 1031 Bay View Ave., Oakland.

Architect—None. \$4900

DWELLING

(3647) NO. 5036 BOND ST., Oakland. One-story 5-room dwelling.

Owner—Gottlieb Abele, 1409 50th Ave., Oakland.

Architect—None.

Contractor—H. S. Foreman, 4311 Sheffield Ave., Oakland. \$3650

DWELLING

(3648) N DELAWARE 300 E Laurel, Oakland. One-story 5-room dwlg.

Owner—J. B. Shock, 5836 Walnut Ave., Oakland.

Architect—None. \$3000

DWELLING

(3649) E FOURTEENTH AVE 100 S E 31st St., Oakland. One-story 8-room duplex dwelling.

Owner—H. W. McIntier Co., 1523 Franklin St., Oakland.

Architect—None. \$8000

DWELLING

(3650) NO. 4006 LAGUNA AVE., Oakland. One-story 5-room dwelling.

Owner—E. J. Matteson, 3629 Laguna Ave., Oakland.

Architect—None. \$3200

GARAGE

(3651) E MONTE CRESTA 100 S Linda St., Oakland. Concrete garage.

Owner—Mr. Greenwood. Architect—None.

Contractor—E. T. Leiter & Sons, 3601 West St., Oakland. 1450

DWELLING

(3652) NO. 1306 SEVENTY-EIGHTH AVE., Oakland. One-story 4-room dwelling.

Owner—R. H. Danielson, Oakland. Architect—None.

Contractor—H. Elmer Johnson, San Leandro. \$2750

ALTERATIONS

(3653) NO. 372 SIXTIETH ST., Oakland. Alterations.

Owner—F. Brown, Premises.

Architect—None.

Contractor—M. Hamilton, 603 Colusa Ave., Berkeley. \$1000

STORE

(3654) NO. 4057 TELEGRAPH AVE., Oakland. One-story 1-room store.

Owner—Asa Bedrow, Premises. Architect—None.

Contractor—Jas. L. Rich, 743 Hillbert Circle, Oakland. \$2000

DWELLING

NO. 914 INDIAN ROCK AVE., Berkeley. Dwelling.

Owner—Reid Fulkman, 791 University Ave., Berkeley.

Architect—Hutchison & Mills, Oakland

Contractor—A. F. Anderson, 2800 Delaware St., Berkeley. \$8250

NOTE:—Recorded contract reported July 8, 1924, No. 3546.

HOUSES

(3655) FIFTY-NINTH ST., Oakland. General contract for 2 houses and garages.

Owner—Mrs. Ellen C. Schwartz, 1147 Marin Ave., Albany.

Architect—J. F. White.

Contractor—J. F. White, 6680 Brann St. Oakland.

Filed July 11, 1924. Dated June 23, 1924.

Frame up \$1000

Brown coated 1000

Final work being done 1000

Usual 35 days 1000

TOTAL COST, \$4000

Bond, Forfeit, none; Limit, Sept. 1, 1924

Plans and specifications filed.

DWELLING

(3656) LOT 6 BLK 1 MAP LIVE OAK PARK, Berkeley. General contract for 6-room and basement dwelling and garage.

Owner—Catherine A. Bramstedt, 2433 San Pablo Ave., Berkeley.

Architect—Wm. J. Wilkinson, 220 Howard Ave., Piedmont.

Contractor—Heath and Wendt, 1150 The Alameda, Berkeley.

Filed July 12, 1924. Dated June 10, 1924.

Beginning work \$450.00

Frame completed 1687.50

Plastered 1687.50

Completed and accepted 1687.50

Usual 35 days 1687.50

TOTAL COST, \$7200

Bond, \$—; Sureties, Emeryville Hdwe. Co., Independent Lumber Co.; Forfeit, none; Limit, 90 working days; Plans and specifications, none.

RESIDENCE

(3657) LOT 10 MAP OF MARSHALL TRACT, Oakland. General contract for 1 1/2-story frame residence.

Owner—Emma W. and Ethel Frieberger, 2805 Grove, Berkeley.

Architect—George O'Brien, Bacon Bldg., Oakland.

Contractor—Jensen & Pedersen, 2443 Adeline, Berkeley.

Filed July 11, 1924. Dated July 2, 1924.

Frame up \$1843

Brown coated 1843

Completed and accepted 1843

Usual 35 days 1843

TOTAL COST, \$7375

Bond, \$—; Sureties, H. H. Kroman and Anna S. Kroman, Magnus Holstad; Forfeit, \$5 per day; Limit, Nov. 26; Plans and specifications, none.

BUILDING

(3659) W SIDE OF SHATTUCK AVE., 80 N of University Ave., Berkeley. General contract for 1-story (2 store) brick building.

Owner—S. B. Hoy and S. B. Chong, 2085 University Ave., Berkeley.

Architect—George Rushforth, 354 Pine St., San Francisco.

Contractor—John M. Bartlett, 351 12th St., Oakland.

Filed July 11, 1924. Dated July 8, 1924.

75% of completed work as work progresses.

First payment Aug. 1, 1924. bal. of 75% when completed.
Final 25% 35 days after acceptance.
TOTAL COST, \$3871
Bond, \$-; Sureties, Globe Indemnity Co.; Forfeit, \$10 per day; Limit, 50 days from July 8, 1924; Plans and specifications filed.

RESIDENCE
(3660) BEG. AT A POINT ON E SIDE of 65th Ave. 151 N. of Flora. St. thence E 100 N 30 W 100 S 30 to point of beg. General construction of 5-room and garage residence.
Owner—Moritz Goodman, 682 14th St., Oakland.

Architect—Wm. J. Wilkinson, 460 12th St., Rm. 301, Oakland.
Contractor—Yeomans & Beveridge 837 4th Ave., Oakland.
Filed July 11, 1924. Dated June 24, 1924
At once \$100
Form up 600
When plastered 600
Completed and accepted 600
Usual 35 days 600
TOTAL COST, \$2500
Bond, Forfeit, none; Limit, 60 days; Plans and specifications filed.

ALTERATIONS
(3661) 2526 BANCROFT WAY, Berkeley. Alterations.
Owner—JoelENZ.
Architect—None.
Contractor—Paul Metz, 850 44th St., Oakland. \$1400

APARTMENTS
(3662) 1544 BERKELEY WAY, Berkeley. Apartments.
Owner—L. M. Williamson, Walnut Creek.
Architect—Eastbay Planner.
Contractor—L. M. Williamson, Walnut Creek. \$6000

DWELLING
(3663) 3006 CENTRAL AVE., Alameda. 1-story 6-room dwelling & garage
Owner—J. G. Darms, 1430 Morton St., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$5683

REMODEL
(3664) 2031 CLINTON AVE., Alameda. Remodeling house.
Owner—F. K. Melcher, 2031 Clinton Ave., Alameda.
Architect—None.
Contractor—S. Greene, 510 28th St., Oakland. \$3748

DWELLINGS
(3665) 1004 & 1005 COLLEGE AVE., Alameda. 2 1-story 4-room dwlg.
Owner—Callie Buck, 1218 College Ave., Alameda.
Architect—None.
Contractor—Howard Williford, 3237 Bayo Vista Ave., Alameda. \$2900 each

DWELLING
(3666) 1032 SANTA CLARA AVE., Alameda. 1-story 4-room dwelling.
Owner—John Stabnow, 1030 Santa Clara Ave., Alameda. \$2500
Architect—None.

DWELLING
(3667) 1003 UNION ST., Alameda. 2-story 8-room dwelling.
Owner—J. M. Brady, 2012 Pacific Ave., Alameda.
Architect—None.
Contractor—H. C. Andresen, 1229 Pearl St., Alameda. \$9800

(3668) W EIGHTIETH AVE. 113 N E 14th St., Oakland. 2-story 12-room (2) flats.
Owner—C. H. Wilson, 7923 E-14th St., Oakland.
Architect—None. \$8000

DWELLING
(3669) E EIGHTY-NINTH AVE. 110 S Olive St., Oakland. 1-story 5-room dwelling.
Owner—Myron Benfer, 1805 Alice St., Oakland.
Architect—None. \$3500

ALT & ADDITION
(3670) 4362 EVERETT, Oakland. Alt. and addition.
Owner—Mrs. M. A. Percy, 461 Belleville Ave., Oakland.
Architect—None.
Contractor—Dildine & Knight, 378 63rd St., Oakland. \$5500

DWELLING
(3671) 3007 FIFTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. L. Benjegirdes, 2129 E 34th St., Oakland.
Architect—None. \$3500

ALTERATIONS
(3672) 2905 FILBERT ST., Oakland. Alterations.
Owner—M. Jost, 2905 Filbert St., Oakland.
Architect—None.
Contractor—Ellis Johnson, 3827 Linwood Ave., Oakland. \$3000

FACTORY
(3673) W FORTY-SIXTH AVE. 120 E E-10th St., Oakland. 1-story factory
Owner—Crown Bitumens Corp., 315 Montgomery St., San Francisco.
Architect—None. \$2500

DWELLING
W PRAIRIE AVENUE 150 N FOOT-hill Boulevard, Oakland. 1-story 5-room dwelling.
Owner—C. W. Boden, 3rd Floor Syndicate Bldg., Oakland.
Architect—None. \$3000

DWELLING
(3674) E LAKESHORE BLVD. 195 N Athol, Oakland. 1-story 4-room dwelling.
Owner—H. T. Taylor, 975 Vermont St., Oakland.
Architect—None. \$3000

DWELLING
(3675) 5750 MORSE DRIVE. 1-story 5-room dwelling.
Owner—I. M. Glaser, 6208 Fortune Way Oakland.
Architect—None.
Contractor—W. N. Glaser, 5919 Foothill Blvd., Oakland. \$3700

DWELLING
(3676) 6087 OCEAN VIEW AVE., Oakland. 1-story 5-room dwelling.
Owner—L. S. Everett, 2615 Ashby Ave., Berkeley.
Architect—None. \$5100

DWELLING
(3677) W RICHIE ST. 140 S Foothill Blvd., Oakland. 1-story 5-rm dwlg.
Owner—Randall & Steward.
Architect—None.
Contractor—J. A. Henas, 6922 Arthur St., Oakland. \$3000

DWELLING
(3678) SE COR. SEVENTY-EIGHTH Ave. and Beck St., Oakland. 1-story 4-room dwelling.
Owner—John Johnson.
Architect—None.
Contractor—Chris. Johnson, 3059 Owan Ave., Oakland. \$2000

DWELLING
(3679) SW COR. SIXTY-FIRST AND Valleyo St., Oakland. 1-story 6-rm. dwelling.

Owner—A. J. Cowello, 1227 61st St., Oakland.
Architect—None.
Contractor—J. A. Henas, 6922 Arthur St., Oakland. \$3900

ALTER & ADDITION
(3680) 2956 TELEGRAPH AVE., Oakland. Alterations and additions.
Owner—J. T. Stone, 2956 Telegraph Ave., Oakland.
Architect—None. \$4500

GARAGE
(3681) ONE TENTH & 150 E 14th Ave., Oakland. 1-story brick garage.
Owner—Theresa H. Riehl, 2640 41st Ave., Oakland.
Architect—None.
Contractor—Chas. Forsyth, 3208 West St., Oakland. \$3250

DWELLING
(3682) SE THIRTY-THIRD ST. 110 E Stewart, Oakland. 1-story 3-room dwelling.
Owner—W. Disher, 3230 Stewart St., Oakland.
Architect—None. \$1800

DWELLING
(3683) N TRESTLE GLEN RD. 700 E Lakeshore Ave., Oakland. 2-story 6-room dwelling.
Owner—H. Leichter, 702 Trestle Glen Rd., Oakland.
Architect—None. \$6000

APARTMENTS
(3684) E WAYNE AVE. 56 N Hanover Oakland. 3-story 18-room apartments.
Owner—H. Horwitz.
Architect—A. W. Smith.
Contractor—J. W. Merritt, 7934 Ney Ave., Oakland. \$22,500

MOVE BLDGS.
(3685) MOVE FROM LOT S E COR. Clinton Ave. and Willow St. to Lot on N side of Clinton Ave., bet. Willow St. and Walnut S. E. Alameda. Moving hospital bldg., flat bldg. & cottage bldg.
Owner—Alameda Sanatorium on South Shore, 2054 Clinton, Alameda.
Architect—Edward T. Foulkes, Crocker Bldg., S. E. and Central Bank Bldg., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Filed July 14, 1924. Dated May 16, 1924
Contractor to pay for material and labor from money advanced on monthly statement and to receive \$128 commission.

TOTAL COST, not to exceed \$2200
Bond, Forfeit, none; Limit, 40 working days; Plans, none; Specifications filed.

BUSINESS BLDG.
(3686) E WEBSTER ST. 656 N 14th St. Lot 50x150, Oakland. All work for 2-story brick frame and concrete business building.
Owner—Business Women's Holding Co., Oakland.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY (THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clayton St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Architect—Miller & Warnecke, 414 13th St., Oakland.
Contractor—Harr & Son, 357 12th St., Oakland.
Filed July 14, 1924. Dated July 9, 1924
Brick walls up 20%
Roof frame complete 20%
Inside plaster completed 20%
Building completed 20%
Usual 35 days 20%
TOTAL COST, \$41,385
Bond, none; Sureties, Globe Indemnity Co.; Forfeit, \$5 per day; Limit, 120 days
Plans and specifications, none.

ALTERATIONS
(3687) NO. 2536 BANCROFT WAY, Berkeley. Alterations.
Owner—H. W. Fussillo, Premises.
Architect—None.
Contractor—E. Ferman, 2930 Shattuck Ave., Berkeley. \$1000

DWELLING
(3688) NO. 2340 BONAR, Berkeley. Dwelling.
Owner—Annie Gutzen, 2110 1/2 Ashby Ave., Berkeley.
Architect—None.
Contractor—H. J. Flolow, 2110 1/2 Ashby Ave., Berkeley. \$1300

DWELLING
(3689) NO. 1243 GROVE ST., Berkeley. Dwelling.
Owner—Catherine Bramstedt.
Architect—W. J. Wilkinson, 120 Howard St., Piedmont.
Contractor—Heath & Wendt, American Bank Bldg., Oakland. \$5500

DWELLING
(3690) NO. 2516 HAWTHORNE TER., Berkeley. Dwelling.
Owner—E. M. Hale, 2543 Buena Vista Ave., Berkeley.
Architect—None.
Contractor—G. W. Hale, 2453 Buena Vista Ave., Berkeley. \$3800

DWELLING
(3691) NO. 1329 SHATTUCK AVE., Berkeley. Dwelling.
Owner—M. P. Lindsay, 2115 Prince St., Berkeley.
Architect—E. Field, 607 American Bank Bldg., Oakland.
Contractor—M. Gillespie, 2906 Regent St., Berkeley. \$14,000

DWELLING
(3692) W FORTY-FIRST AVE. 25 SE 1/4th, Oakland. 1-story 3-room dwelling.
Owner—Clara S. Bohn, 1631 41st Ave., Oakland.
Architect—None.
Contractor—J. H. Boller, 1925 Grove St., Oakland. \$1600

STORE
(3693) NO. 3845 AND 3849 HOPKINS ST., Oakland. One-story 4-room frame store.
Owner—A. A. Richards, Oakland.
Architect—None.
Contractor—Andrew Meyer, 3139 Ellis St., Berkeley. \$3000

DWELLING
(3694) NW COR. FRUITVALE AVE. and Bond St., Oakland. 1-story 6-room dwelling.
Owner—C. B. Robinson, 3516 Rhoda Ave., Oakland.
Architect—None. \$4000

DWELLING
(3695) W GREEN ACRE RD. 30 N Masterson, Oakland. 1-story 3-rm. dwelling.
Owner—Ernest Vanderwall, 3526 Midvale Ave., Oakland.
Architect—None.
Contractor—LaVoice & Balles, 3351 Abbeey St., Oakland. \$1000

DWELLING
(3696) S E-TWENTY-SIXTH ST. 70 .. 21st Ave., Oakland. 1-story 4-room dwelling.
Owner—Mrs. A. Olofson, 2527 21st Ave., Oakland.
Architect—None.
Contractor—C. J. Aweson, 2610 E 23rd St., Oakland. \$3500

DWELLING
(3697) NE COR. FIFTY-EIGHTH AND Macdonald, Oakland. 1-story 5-room dwelling.

Owner—Geo. Radke, 5725 Shattuck Ave., Oakland.
Architect—None.
Contractor—A. Hebel, 4061 Whittie Ave., Oakland. \$3500

BUILDING
(3698) POR PLOT LETTERED "K" Map "The Tompkins Terrace," Oakland. All work for 1-story frame building.
Owner—Sixth Church of Christ Scientist, Oakland.
Architect—William E. Milwain, Pacific Bldg., Oakland.
Contractor—F. W. Maurice, 1362 E-25th Oakland.
Filed July 15, 1924. Dated July 14, 1924
Rough frame up \$375.00
1st coat plaster \$37.50
Completed and accepted \$37.50
Usual 35 days \$37.50
TOTAL COST, \$500.00

Bond, yes; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 75 days from July 14, 1924; Plans and specifications filed.

APARTMENTS
(3697) 2208 GROVE ST., Berkeley. Apartments.
Owner—Catherine Williams, San Leandro.
Designer—Wilson D. Ellis, 2236 Grove St., Berkeley.
Contractor—Wilson D. Ellis 2236 Grove St., Berkeley. \$15,000

DWELLING
(3698) 2244 MCGEE AVE., Berkeley. Dwelling.
Owner—Otto Johnson, 2435 Spaulding Ave., Berkeley.
Architect—Dodge A. Reily.
Contractor—Otto Johnson, 2435 Spaulding Ave., Berkeley. \$2900

APARTMENTS
(3699) 1638-40-42-44 OXFORD ST., Berkeley. Apartments.
Owner—J. W. Cardwell.
Designer—J. H. Walbold, 1709 Sonoma Ave., Berkeley.
Contractor—J. H. Walbold, 1709 Sonoma Ave., Berkeley. \$9000

DWELLING
(3700) 1363 SAN RAMON ST., Berkeley. Dwelling.
Owner—D. Campbell, 2421 Oregon St., Berkeley.
Architect—None. \$4500

DWELLING
(3701) 937 SANTA BARBARA RD., Berkeley. Dwelling.
Owner—C. W. Beach, 2223 Chapel St., Berkeley.
Architect—A. R. Wilmot, 1713 Allston Way, Berkeley.
Contractor—C. W. Beach, 2223 Chapel St., Berkeley. \$4200

DWELLINGS (7)
(3702) NE COR MONTANA & BOSTON, N Montana St 37 - 74 - 111 - 148 - 185 E Boston, NW cor. Montana St. and Wilson, Oakland. Seven 1-story 5-room dwellings.
Owner—J. F. Stoll, 2334 Telegraph Ave., Oakland.
Architect—None.
Contractor—Willis F. Lynn, 208 Commercial Bldg., Oakland. \$5800

DWELLING
(3703) LOT 70 JOAQUIN MILLER RD., Oakland. 1-story 3-room dwlg.
Owner—Wm. S. & Carrie Deacon, 4216 Shafter Ave., Oakland.
Architect—None.
Contractor—Jacob House & Son, 1640 Alston Way, Berkeley. \$1800

DWELLING
(3704) W PARK BLVD 500 N EL Centro Ave., Oakland. 1-story 5-room dwelling.
Owner—H. W. E. Kemp, 1703 24th Ave., Oakland.
Architect—None.
Contractor—Jos. Coward, 5429 Shafter Ave., Oakland. \$4000

DWELLING
(3705) E RICHMOND BLVD OPP. Randwick, Oakland. 1 1/2-story 5-room dwelling.
Owner—Frederick H. Reimers, Tribuna Tower, Oakland.
Architect—None. \$4750

CABINET SHOP
(3706) E SAN PABLO 70 N 24TH ST., Oakland. 1-story brick cabinet shop.
Owner—F. G. Jones, 1217 Webster St., Oakland.
Architect—None. \$5500

DWELLINGS (2)
(3707) W BEST AVE 140 & 180 N Trask, Oakland. Two 1-story 5-room dwellings.
Owner—A. J. Flagg, 3046 Seminary Ave., Oakland.
Architect—None. \$3500 each

DWELLING
(3708) E 55TH AVE 40 S ROBERTS ST., Oakland. 1-story 5-room dwlg.
Owner—Andrew Stenbro, 4340 Division St., Oakland.
Architect—None. \$3000

GARAGE
(3709) E MONTE CRESTA 100 S LINDA, Oakland. 1-story concrete gar.
Owner—Mrs. Greenwood, Oakland.
Architect—None.
Contractor—E. T. Leiter & Sons, 3601 West St., Oakland. \$1450

OKLAND BUILDING TOTALS FOR JUNE, 1924

Summary of applications for building permits for the month of June, 1924.

	No. Permits	Cost
1-story dwellings	262	\$793,223
1-sto. 2-fam. dwellings ..	7	42,850
1-sto. 3-fam dwellings ..	1	3,500
1 1/2-story dwellings....	5	23,400
2-story dwellings....	14	95,750
2-sto. dwlgs & stores ..	2	13,200
2-story flats	7	44,100
2-story apartments.....	12	169,500
2-sto. apts. & stores....	2	33,000
3-story apartments ..	2	82,700
1-story stores	4	11,400
1-story office	6	1,700
1-story schools	6	9,000
1-story factory	1	2,000
1-story stable	1	4,000
2-sto club & gym.....	1	36,000
1-story brick stores..	2	15,000
1-sto. brick garage..	2	40,950
1-sto. brick shop.....	1	3,700
1-sto. br. & tile garage	3	7,175
1-sto br. & tile addn..	1	6,400
2-story brick tile & concrete club & stores ..	1	40,000
1-sto. tile garage....	5	21,325
1-sto. tile store	1	1,350
1-sto. tile battery sta. .	1	2,500
1-sto. tile addition....	1	500
1-sto. conc. stores....	1	15,000
1-sto. conc. laundry..	1	12,000
1-sto. conc. garage....	6	52,140
2-sto. conc. warehouse	1	25,000
10-story concrete office & store bldg.....	1	600,000
1-sto. garages & sheds	232	49,023
Electric signs	28	9,044
Roof signs	2	1,025
Billboards	39	1,191
Additions	107	93,369
Alter. & repairs	160	148,293

TOTAL 936 \$2,527,008

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded July 11, 1924.—POR. LOT 3, BLK. 9, Map of the Pacific Homestead, Oakland. R. E. McMann to A. J. McPhee July 10, 1924
July 11, 1924.—COM. AT A PT. ON N line of 17th dist. 156 E. of San Pablo Ave. thence E 75 N 108 W 75 and S 103 to beg. R. E. McMann, lessee as agent for R. B. Ayers, owner, to A. J. McPhee July 11, 1924
July 11, 1924.—POR. OF BLK. 105, Higley's Map of Clinton, Wm. Rettig to O. F. Lyons, July 10, 1924
July 11, 1924.—LOT 16, BLK. C, Oakland Highlands. A. H. Jasper to Harry Meyer July 3, 1924
July 10, 1924.—NE COR. SANTA Clara Ave. and Mount St., Oakland. Pauline O. E. and A. C. Scheerer to E. Maasberg July 1, 1924

July 10, 1924—LOT 11 and NW 12½ Lot 10, Map Sunset Tract, Oakland. W H Warren to whom it may concern..... July 1, 1924

July 10, 1924—LOT 6 and SW 12½ Lot 7, Map Sunset Tract, Oakland. W H Warren to whom it may concern..... July 1, 1924

July 10, 1924—COM. MAP P.E. on N Second St., 125 W Franklin th W 25 N 100 E 25 S 100 to pt beg, Oakland. G B Ghiglione to Thos Webb and J W Whalin..... July 1, 1924

July 10, 1924—LOT 322 E 222 Grove St., Oakland. A A Richards to A Meyers..... July 9, 1924

July 10, 1924—2138 SIXTY-FIFTH Ave., Oakland. W A Croft to whom it may concern..... July 10, 1924

July 10, 1924—SE CROXTON AND Piedmont Aves., Oakland. Pierre Chanut to Fred Hamblenton..... July 1, 1924

July 10, 1924—LOT 6 BLK 6, Thousand Oaks Tract, Berkeley. L E Roberson to whom it may concern..... July 9, 1924

July 9, 1924—LOT 14 Resub Hillsdale Terrace, Oakland Tp. Thos Creed to L H Williams..... July 8, 1924

July 14, 1924—FOR LOTS 104 & 105 map of the Property of the Capital Homestead Assn., Oakland. John P. Muller by H. Goranson to whom it may concern..... July 14, 1924

July 14, 1924—1148 E FIFTEENTH ST Oakland, J. W. Armstrong to E. Hughes..... July 12, 1924

July 14, 1924—NE COR. SIXTY-HUGHES and Shattuck Ave., Oakland E. L. Ingram to whom it may concern..... July 14, 1924

July 14, 1924—FOR LOTS 4, 5, FOURTEENTH ST. and 40th Ave., Oakland. May Fuchs to Murch-Williams Construction Co..... July 14, 1924

July 12, 1924—LOT 13 Map Geo W Austin's Sub'd of Ptn of Lakeview Terrace, Oakland. A A Richards to whom it may concern..... July 11, 1924

July 12, 1924—LOT 91 Map Academy Homestead, Oakland. M E Roberts to Murch-Williams Constr Co..... July 12, 1924

July 12, 1924—S CRITTENDEN 83 E 54th Ave., Oakland. Andrew P. Buhaman to whom it may concern..... July 5, 1924

July 12, 1924—E PARK BLVD 310 N Hollywood, Oakland. Flora McCashin to Axel F Marshall Co..... July 12, 1924

July 12, 1924—PTN BLK "I" Revised Map Prospect Hill Tract, Brecklyn Twp. S Garfinkle to whom it may concern..... July 12, 1924

July 12, 1924—LOT 13 Broadway 45 N 12th St. th N 45 E 100 S 45 W 100 to pt beg, Oakland. Oakland Bank by P J Walker Co, Agent to W P Fuller & Co, July 9, Bonded Floors Co, July 9; J A Turgeon..... July 9, 1924

July 15, 1924—FOR LOT A MAP OF College Court, Oakland. Willard W. King and Birdie Fay King to E. C. Hillen..... July 1, 1924

July 15, 1924—LOT 3 BLK C HOPKINS Terrace Map No. 3, Berkeley. Jack Bjorklund to whom it may concern..... July 15, 1924

July 15, 1924—LOT 112 JOAQUIN Miller Acres, Oakland. J. V. Matteson to whom it may concern..... July 15, 1924

July 15, 1924—FOR LOT 1 BLK B Map of the De Wolf Tract, Fruitvale, Alameda Co. Otto H. Petersen to whom it may concern..... July 1, 1924

July 15, 1924—SO SIDE THIRTY-EIGHTH ST. 75 W of Grove St., Oakland. G. Merlino to John Armelino..... June 20, 1924

July 15, 1924—LOT 7 BLK 20 MAP of Havenscourt, Oakland. R. L. & D. T. Owen to whom it may concern..... July 15, 1924

July 15, 1924—1600 ARCH ST., Berkeley. H. W. Sinnock by Ronald S. Robinson, agent, to H. H. Porter..... July 15, 1924

July 14, 1924—1508 GRANT ST., Berkeley. Leigh Kelling to A. W. Potter..... July 14, 1924

July 14, 1924—FOR LOT 2 BLK 43 Beverly Terrace, Oakland. G. W. Wilkinson to whom it may concern..... July 14, 1924

July 14, 1924—LOT 31 BLK 43 Beverly Terrace, Oakland. G. W. Wilkinson to whom it may concern..... July 14, 1924

July 15, 1924—NW LINE OF EVERETT ST. NE 166 S of NE Line of Central Ave thence NE 35 NW 12½

SW 35 SE 121-7. J. M. Wright to whom it may concern..... July 14, 1924

July 16, 1924—LOT 1 BLK 8 MAP Northbrae, Berkeley. Raymond T. Farmer to Talor & Jackson..... July 15, 1924

July 16, 1924—POR OF LOT 41 KEY Route Acres. Justus Norris to whom it may concern..... July 15, 1924

July 16, 1924—FOR LOTS 4 AND 5 Blk 5 Map entitled "Corrected map of Daley's Scenic 'Bartlett' Tract". Grace Lee to J. F. Altermatt..... July 14, 1924

July 16, 1924—LOT 7 BLK E MAP East Piedmont Heights, Oakland. Edward Shearer to whom it may concern..... July 16, 1924

July 16, 1924—LOT 2 BLK 3 MAP San Pablo Road, Berkeley. Ed. N. Carlson to H. A. Lundblad, July 9, 1924

July 16, 1924—ELEG. ON LINE OF 15th St. 100 W Clay St thence W 49-11½ N 103-9 E 49-11½ S 103-9 to beg. Arthur E. Corder by P. Inc. Walker Co, art.; to Scott & Co. 2625..... July 14, 1924

July 16, 1924—LOT 12 BLK K TOLER Heights Addition, Oakland. Richard A. Smith to whom it may concern..... July 16, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
July 12, 1924—PTN LOTS 16 AND 17 Blk 25, Map of Warner Tract, Brooklyn Twp. Geo C Young (the Young Hardware Co) to A. J. Michaelson and C. L. Hewitt.....	\$54.05
July 11, 1924—S SIDE OF HUFF Ave. 150 W of Callan Ave., San Leandro. Ambrose Brothers to E. W. Borden, J. C. Knust (Borden & Knust).....	\$105.
July 11, 1924—FOR LOTS 16 AND 17 Blk 25, Map of Warner Tract, Oakland. H. J. Knappe, J. R. Rice (Reliable Plumbing Co) by Alvin J. Michaelson & C. L. Hewitt.....	\$122.50
July 11, 1924—LOT 17 BLK 6, Map of Lakemont, Oakland. I. M. Toalson doing business under the name of Alameda Hardware Floor Co. vs. A. Guazzo and M. L. Zappettini.....	\$687.
July 15, 1924—FOR LOT 11, BLK. B. Map Terminal Tract, Piedmont. James Anderson vs. G. P. Wynkoop.....	\$783.20
July 15, 1924—2622, 2624 HILGARD Ave., Berkeley. J. H. Bernard vs. Mrs. Clara Powell and San Francisco Building, Inc.....	\$100.00
July 15, 1924—1906 94TH AVE., Oakland. Francis Cracknell vs. A. J. Mickelson and C. L. Hewitt.....	\$65.00

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
July 15, 1924—POR PLOT 51 Kellersberger's Map of the Ranchos of Vicente and Domingo Peralta, Alameda County. N. Prinz to Roy Thompson. John Conant.....	\$107.10
July 16, 1924—FOR LOT 1 BLK P Map 4th Ave. Terrace, Oakland. Contractors & Builders Supply Co. to C. K. Nichols. Len L. Nichols.....	\$540.80
July 11, 1924—3869 RHODA AVE., Oakland. Oakland Building Material Co. to W. W. Clawson.....	\$293.
July 11, 1924—3869 RHODA AVE., Oakland. R. J. Collins (Dimond Electric Co.) to W. W. Clawson.....	\$70.
July 15, 1924—NO. 2435 NINTH AVE., Oakland. Arthur P. Moller, \$336.40; Frank D. Moller, \$193.84 to Clarence K. Nichols.....	
July 15, 1924—NO. 2429 NINTH AVE., Oakland. Frank D. Moller to Clarence K. Nichols.....	\$197.32
July 15, 1924—830 E-FOURTEENTH St., Oakland. Roberts Mfg Co. \$74.50; Frank D. Moller, \$155.14; Arthur D. Ascheton, \$358.80 to C. K. Nichols.....	
July 14, 1924—1347 FRANCISCO ST., Berkeley. Rhodes-Jamieson & Co. to T. F. Higgins, Emma H. Higgins.....	
July 16, 1924—W FRANKLIN 35 S Broadway 3 25xW 120. Reinhart Lumber & Planing Mill Co to M E Green and Est of Zadig.....	

BUILDING CONTRACTS

SANTA CLARA COUNTY

BUNGALOW
SAN JOSE, NE Corner of 4th and Julian Sts. All work for Bungalow. Owner—Hazel Brown, 213 S 10th, San Jose.
Architect—None.
Contractor—Giles Adrian.
Filed July 14, 1924. Dated July 12, 1924.
Frame up.....\$1200
Brown coated.....1200
Completed and accepted.....1200
31 days after.....1200

Pond, none; Forfeit, none; Limit, 90 days from July 12, 1924; Plans and specifications filed.

ALTERATIONS, \$1250; Post nr. Market
San Jose; owner, M. Finley; contractor, J. B. Lamb, Bldrs. Exchange.
DYEING SHEDS, \$9000; Keyes & Third
San Jose; owner, J. B. Peterson Kartchoke, Keyes & Third, San Jose; contractor, R. O. Summers, 17 N First, San Jose.
SMALL STORE, \$1800; SW Cor. 10th & 13th Sts., San Jose.
Alterations to school, \$20,000; West Sta. Clara, San Jose; owner, Archbishop Hanna, San Francisco.
COTTAGE, 2 room, \$4500; 31st & St. John, San Jose; owner, Real Est. Sub. Div. Co., 1490 E St. John.
RESIDENCE, 1½-story, \$6570; San Antonio & 17th, San Jose; owner, E. N. Curtis, San Antonio & 17th, San Jose; architect, Binder & Curtis, 35 W San Carlos, San Jose; contractor, Morrison Bros., Bldrs. Exchange.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded

July 8, 1924—LOT 10 BLK "D" Southgate, San Jose. Gordon Armstrong and James H. Walker to whom it may concern..... July 8, 1924

July 8, 1924—LOTS 8-10-12-14-16-18-20 and 22 BLK 3 and Lots 7-9-11-13-15 and 17 BLK 4 Burrells Resubd., San Jose. W L Brazelton to whom it may concern..... July 7, 1925

July 8, 1924—PTN LOT 4 BLK 13, University Grounds, San Jose. C H Ward to whom it may concern..... July 1, 1924

July 9, 1924—LOTS 5 AND 6 BLK 2, Lincoln Residence Park, San Jose. F N Pfeiffer to whom it may concern..... July 7, 1924

July 9, 1924—NE PLEASANT AND Dwyne Sts., San Jose. Cesare Matta to Charles Ricca..... July 8, 1924

July 9, 1924—218 MONTEREY ST. bet. 6th and Old Gilroy Sts., Gilroy. George A Chappell to William Radtke..... July 8, 1924

July 9, 1924—LOTS 45 AND 46 BLK 14, Boyce & Westall's Subdivision, San Jose. James Farmin to whom it may concern..... July 8, 1924

July 9, 1924—LOT 5 BLK 6 Seale Tract 7, South Palo Alto. James E Diehl to whom it may concern..... July 1, 1924

July 9, 1924—LOT 27 BLK 2, Mrs. Helen L. Beal Ptn Blk 2, Clayton & Beal Subd., San Jose. E. H. Minton to whom it may concern..... July 9, 1924

July 10, 1924—NW 90 Lot 6 BLK 14, Hanchett Residence Park, San Jose. Charles S Rhea to whom it may concern..... July 10, 1924

July 15, 1924—PTN LOT 1 BLK 4 Range 11 S, San Jose. James Finley and Ethel Colista Maxwell to W O Furtwangler..... July 8, 1924

July 14, 1924—N Lot 10 on William 40x70 ft to beg. port Lot 8 Blk 4 R 10 S J. Oren P. Holaday, A. May Holaday to whom it may concern..... July 14, 1924

July 14, 1924—LOT 10 BLK 1 NW 15 Pt 2, 10th Block 20 Seale Addn No. 2, Palo Alto. Wells P. Goodenough to whom it may concern..... July 10, 1924

July 15, 1924—LOT 165, COTTAGE GROVE Tract, John Camacho to whom it may concern..... July 12, 1924

July 15, 1924—LOT 18 ADAMS AND Keller Sub'd. William L. Greer and Marjorie L. Greer to whom it may concern..... July 14, 1924

July 12, 1924—PTN LOTS 1, 2 AND 3 Blk 2 Mrs. Helen L. Beal vs E D Minton..... July 11, 1924
July 12, 1924—LOT 5 BLK 13, S Ramon 6 W Lick Homestead, San Jose. C Carlson to whom it may concern..... July 11, 1924
July 12, 1924—LOT 4 BLK 13 R 6 W Lick Homestead, San Jose. C Carlson to whom it may concern..... July 11, 1924
July 12, 1924—LOT 19 BLK 3, Rose Lawn St. John D Black Sr and Lucy A Black to whom it may concern..... July 10, 1924
July 11, 1924—SE 2460 FT. OF 25 and NW 13 10 ft. of lot 24 Blk 19 Parkers Addn to East San Jose. R E Ford to whom it may concern..... July 11, 1924
July 11, 1924—LOT 20 HANCHETT Court. B. J. Smith to whom it may concern..... June 11, 1924
July 11, 1924—LOT 21 BLK 15 ROSE Lawn K-13. James H. Overbay and Mamie A. Overbay to whom it may concern..... July 10, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
July 11, 1921—18.126 ACRES PART 34.185 acre tract of Mrs. Lucier in Palo Rancho. Sunset Lumber Co. vs Est. of John Moreno, decd, and wife..... \$196.15
July 7, 1924—ON SANTA CLARA & Los Gatos Road SW 25.023 chs NW 14.818 chs NE 12.425 chs SE 5.275 chs NE 12.608 chs to road. Alegrini, E Girolami and C Girolami vs Amanda E Dougherty..... \$49.40
July 15, 1924—LOT 12 SUB BLOCK 39 Reedley. Adm. Borchers Bros vs Sadie E. Weaver..... \$372.45
July 15, 1924—LOT 12 BLOCK 39. S. H. Chase Lumber Co. vs Sadie E. Weaver..... \$470.99

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
July 9, 1924—LOTS 5 AND 6, Lake House Tract, San Jose. Elwood Hiatt, \$6362.58; P E Buck, \$256; W M Hiatt, \$260; Southern Lumber Co. \$2016.42; James Hiatt, \$243; Charles Buettner, \$180; Harry Hiatt, \$180; P J Miranda, \$295 to A B Pickett.....
July 11, 1924—18.40 ACRES PART 44.839 acre tract id to Winchester situate on Santa Clara & Los Gatos Rd. A. E. Holmes, W. L. Holmes to A. P. Marston, Maud Marston, C. C. Miller, John H. Brown..... \$205.33

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING and garage, \$5100; No. 144 Thesta St., Fresno; owner, Lena and Dave Young. Premises; contractor, G. P. Nixon.
DWELLING and garage, \$5000; No. 577 McKinley Ave., Fresno; owner, W. T. Harris.
DWELLING, \$4800; No. 1455 Roosevelt Ave., Fresno; owner, C. J. Lee, 337 San Pablo Ave., Fresno; contractor, W. H. Richmond.
ALTERATIONS, \$4500; No. 535 H St., Fresno; owner, California Packing Corp., 231 Fresno St., Fresno; contractor, F. J. Stone, Mason Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
July 8, 1924—LOT 2 BLK 3, Highland Park, Fresno. W. H. Richmond to whom it may concern. July 7, 1924
July 9, 1924—REEDLEY. Reedley Joint Elementary School to whom it may concern..... July 7, 1924
July 15, 1924—LOT 12, Eus Hill North and South Extension, Fresno. Carsten Sonniksen to whom it may concern..... July 10, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
July 8, 1924—W 135 FT. OF N 50 ft. Lot 68, Montpelier Tract, Fresno. Bingham-Wenks Planing Mill vs E Horner..... \$171
July 8, 1924—Same. M. Kellner & Son Lumber Co. vs Same..... \$539
July 8, 1924—Same. Maisler Bros Lumber Co vs Jacob Stuckert..... \$46
July 8, 1924—E 1/4 Lot 3 S 1/4 of NW 1/4 of Lot 3 Blk D, Walters Co. Routt Lumber Co vs T F Saunders..... \$89
July 8, 1924—LOT 17 BLK 2, Woodlawn, Fresno. Routt Lumber Co vs Tom Contorakis..... \$71
July 8, 1924—LOTS 6 AND 7 BLK 1, Palm Heights, Fresno. Sunset Lumber Co vs Jack W and Edith M Bandy and Valley Bldg & Inv Co..... \$703
July 8, 1924—LOTS 4 AND 5 BLK 1, Palm Heights, Fresno. Same vs Same..... \$706
July 8, 1924—PTN LOTS 20, 21, 22 Long Tract, Fresno. Same vs Valley Bldg & Inv Co..... \$528
July 9, 1924—LOTS 6 AND 7 BLK 1, Palm Heights, Fresno. Tom Prichard Planing Mill Co vs Jack W Bandy and Valley Bldg & Inv Co..... \$768
July 9, 1924—LOTS 8 AND 9 BLK 1, Palm Heights, Fresno. Same vs Same..... \$707
July 9, 1924—SE 10 FT. LOT 14, all Lot 22 W-100 ft. Lot 21 and S 15 ft. Lot 20, Long Tract, Fresno. E L Golden vs Valley Bldg & Inv Co..... \$179
July 9, 1924—LOT 10 FT. LOT 14, all Lots 15 and 16 Blk 28, Fresno. J R Church vs Sam Dionisio and Fred Mutti..... \$84
July 10, 1924—NE 50 FT. OF SW 110 ft. of Villa Lot 1, Frey Addn, Selma. Fisher Glassford Hardware Co vs Robt W English..... \$40
July 10, 1924—LOTS 6 TO 9 BLK 1, Palm Heights, Fresno. C G Cowieson vs J Bandy and Tom Prichard (2 censes)..... \$280 and \$60
July 12, 1924—LOTS 3 AND 4 BLK 8, K. B. Heights, Fresno. J D Halstead Lumber Co vs K. B. Hts Co. and Al Snell..... \$156

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

BANK BLDG.
PTN LOTS 10, 12 AND 16 BLK 4, E of Center St., Stockton. All granite work and the Mantl limestone work for Class A bank and office building.
Owner—Commercial & Savings Bank of Stockton a corp., Stockton.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor — McGilvray - Raymond Granite Co., 634 Townsend St., San Francisco.
Filed July 12, '24. Dated July 8, '24.
TOTAL COST, \$.....
Bond, limit, forfeit, plans and specifications, none.
FURNISH ALL SHEET METAL WORK and furnish and erect hollow metal doors, also furnish and erect all Campbell metal windows, etc., on above.
Contractor — Forreder Cornice Works, 269 Potrero Ave., San Francisco.
Filed July 12, '24. Dated July 8, '24.
Complete and install all metal window frames on or before Sept. 1, 1924.....
Remainder of work to be completed on or before Jan. 1, 1925.
TOTAL COST, \$22,000
Bond, limit, forfeit, plans and specifications, none.
ALL ORNAMENTAL IRON WORK, including stairs, etc., on above.
Contractor—H. Jaller, W. Pfister & E. Wolff (as Peerless Ornamental Iron & Bronze Co.), 1528 Folsom St., San Francisco.
Filed July 12, '24. Dated July 8, '24.
TOTAL COST, \$2946
Bond, none. Limit, Jan 1, 1925. Forfeit, plans and specifications, none.

BUILDING

LOT 13 and 12 1/2 Lot 12 Blk B, Stockton. All work for building.
Owner—Thomas E. Connolly, 214 East Flora St., Stockton.
Architect—None.
Contractor—M. A. Orcutt, 616 N-Grant St., Stockton.
Filed July 1, '24. Dated July 3, '24.
TOTAL COST, \$14,895
Bond, none. Limit, 120 working days. Forfeit, plans and specifications, none.
HORSE barns, \$11,000; No. 1302 E-Charter W. Stockton; owner, Geo Joaquin County. Stockton; contractor, H. H. Henning, 1751 Berkeley Ave., Stockton.
DWELLING and garage, \$5000; No. 721 W-Elm St., Stockton; owner, N. O. Voorheis.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
July 9, 1924—HIGHLAND AV., Tracy Lorin M Isabell to Wm Braasch..... June 30, 1924
July 9, 1924—HIGHLAND AV., Tracy Lorin M Isabell to Wm Braasch..... June 30, 1924
July 9, 1924—NE AMERICAN AND Lindsay, Stockton. Trinity Lutheran Church of Stockton by Fred J Conzelmann and Rev. Geo C Jacobsen, as owners to Stockton Plumbing Supply Co, June 18, 1924; Child Elec & Mfg Co, June 18, 1924; Carl Nelson..... June 18, 1924
July 12, 1924—LOT 16 BLK 9 Plat of Lake Park, being subdivision of Ptn of City of Stockton. Ralph E Thompson to Lloyd B Murphy and Chas Heffernan..... July 7, 1924
July 12, 1924—LOT 12 BLK 9, plat of Lake Park being sdvsn of Ptn of City of Stockton. Alfred J Cannon to Lloyd B Murphy and Chas Heffernan..... May 7, 1924
July 12, 1924—LOT 15 BLK 9, plat of Lake Park being sdvsn of Ptn of City of Stockton. Jack O'Connor to Lloyd B Murphy and Chas Heffernan..... July 7, 1924
July 12, 1924—LOT 13 BLK 9, plat of Lake Park being sdvsn of Ptn of City of Stockton. George J Nullis to Lloyd B Murphy and Chas Heffernan..... July 7, 1924
July 14, 1924—LOT 9 BLK 2, Map West Stockton. A M Tunnell to A M Tunnell..... July 11, 1924
July 14, 1924—LOT 9 BLK 2, Map West Stockton. A M Tunnell to A M Tunnell..... July 1, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
July 8, 1924—S 51 FT. 10 IN. of each of Lots 10 and 12 Blk 101, South of Mormon Channel, Stockton. Tom Scally vs Joe Souza..... \$191.39
July 11, 1924—S 51 ft. 10 in. of each of Lots 10 and 12 Blk 101, South of Mormon Channel, Stockton. San Joaquin Brick Co vs Joe Souza. \$51.03

BUILDING CONTRACTS

SACRAMENTO COUNTY

BUILDING
W & K TRACT 24. All work for building.
Owner—Carl E. Wapple.
Architect—None.
Contractor—Chas. Peterson, El Monte near Douglas, North Sacramento.
Filed July 9, 1924. Dated June 9, 1924.
Payments not given.
TOTAL COST, \$4800
Bond, Forfeit, Limit, Plans and specifications, none.
BUILDING
S 80 FT LOT 1936 W & K TRACT 24. All work for building.
Owner—Mrs. Geo. O. Barnes, 2601 K St. Sacramento.
Architect—None.
Contractor—Paul R. Opydyke, 1009 7th Ave., Sacramento.
Filed July 9, 1924. Dated July 8, 1924.
Payments not given.
TOTAL COST, \$13,495
Bond, Forfeit, Limit, Plans and specifications, none.

ROOMING HOUSE

NO. 319 K ST. Being E 1/2 of W 1/2 Lot 6, J. K. 3rd and 4th Sts., Sacramento. All work for rooming house and store.

Owner—Spiro D. Giacomelos, 916 29th St., Sacramento.
Architect—None.
Contractor—Harry Goldman.
Filed July 17, '24. Dated July 17, '24.

Bond, limit, forfeit, plans and specifications, none.

FLOORING

LOCATION NOT GIVEN. All work for 1 1/4-in. asphalt flooring in R. R. Sacramento steamer sheds.

Owner—Southern Pacific Co., Sacramento.
Architect—None.
Contractor—Clark & Henry Constr. Co., Ochsenr Bldg., Sacramento.
Filed July 17, '24. Dated July 17, '24.

Bond, limit, forfeit, none. Plans and specifications, none.

BUILDING

LOT 5, J. K. 11th and 12th Sts., Sacramento. Building.
Owner—Allison and Maud B. Ware.
Architect—None.
Contractor—D. McDonald, 1118 G St., Sacramento.

TOTAL COST, 55c per cu. yd.
Bond, limit, forfeit, plans and specifications, none.

STORE

H ST. BOULEVARD ABOUT 5 1/4 MILES E of the Ely limits of the city of Sacramento. All work for frame store building.

Owner—J. Q. Smith.
Architect—None.
Contractor—H. A. Hendren, 3125 Donner Way, Sacramento.
Filed July 17, 1924. Dated July 14, 1924.

Payments not given.
TOTAL COST, \$2394
Bond, Forfeit, Limit, Plans and specifications, none.

STORE, 1-story, \$9000; 2667-99 J. Sacramento; owner, H. Nardinelli, 820 U, Sacramento; contractor, N. Martinelli, 1230 E, Sacramento.

DWELLING, 1-story 5-room and garage, \$3500; 3170 N, Sacramento; owner, H. C. Baker, 4340 Mariposa Way, Sacramento.

DWELLING, 1-story 5-room and garage, \$2950; 2208 24th, Sacramento; owner, V. Smith, care Holdner Const. Co.; contractor, Geo. Coleman, Box 292 Riverside Rd., Sacramento.

REMODEL BLDG., \$7500; owner, C. H. Schwan, 2727 K, Sacramento.

DWELLING, 1-story 5-room and garage, \$3500; 2026 11th, Sacramento; owner, Tony Silva, 2304 6th, Sacramento; contractor, J. A. Lucas, 1604 V, Sacramento.

FRAME BANKS and 2-room office, \$12,500; owner, Pratt Rock & Gravel Co., 1430 A, Sacramento.

DWELLING, 1-story 4-room, \$3400; 1484 33rd, Sacramento; owner, J. W. Newhart, 4448 H, Sacramento.

DWELLINGS, 2-1-story 5-room and garage each, \$3600 each; 3115 S 332 40th, Sacramento; owner, J. W. Newhart.

DWELLING, 4-room and garage, \$2900; 4050 11th Ave., Sacramento; owner, R. Tyler, 4056 11th Ave., Sacramento.

DWELLING, 4-room and garage, \$3200; 3157 D, Sacramento; owner, G. A. Reveal, 2020 J, Sacramento; contractor, H. R. Willis, 3009 U, Sacramento.

DWELLING, 5-room with basement, \$4000; 2524 Donner Way, Sacramento; owner, J. B. Maloney, 1718 T, Sacramento; contractor, F. Maloney, 3172 T, Sacramento.

DWELLING, 5-room and garage, \$4500; 2320 C, Sacramento; owner, G. Sullivan, 1213 6th, Sacramento; contractor, Kinney & McAdams, Fair Oaks.

DWELLING, 1-story 5-room and garage, \$5000; 2942 Highland Park, Sacramento; owner, A. E. Hulin; contractor, J. P. Howell, 1837 47th, Sacramento.

DWELLING, 1-story 5-room and garage, \$2800; 847 39th, Sacramento; owner, M. C. Valline, 2422 18th, Sacramento.

DWELLING, 2-story 6-room and garage, \$5750; 733 33rd St., Sacramento; owner, Frederick Bott, 512 N, Sacramento; contractor, W. B. Laque, 2319 D, Sacramento.

DWELLING, 5-rm & garage \$4500; 2133 3rd Ave., Sacto.; owner, R. Hagerty, 711 F, Sacramento; contractor, W. E. Truesdale, 2116 H, Sacramento.

HOUSE, 2-story and garage, \$7760; 931 36th, Sacramento; owner, Geo. & Kathryn Williams, 711 N, Sacramento; contractor, H. H. Baleman, 633 Santa Ynez Way, Sacramento.

PUBLIC GARAGE, \$3450; 1512 K, Sacramento; owner, Wm. A. Sitton, 1130 44th, Sacramento; contractor, Jas. T. Randall, 1055 41st, Sacramento.

DWELLING, 1-story 5-room and garage, cost, \$4100; owner, Vaughan & Christie, 150 35th, Sacramento; TANK, 5000 gal., \$7500; Front & Y, Sacramento; owner, Associated Oil Co., 720 I, Sacramento.

DWELLING, 1-story 5-room and garage, \$3900; 809 51st, Sacramento; owner, L. Lagomarsino, 2205 L, Sacramento; contractor, Thos. B. Hunt 2926 S Sacramento.

DWELLINGS, 2, 1-story 4-room and garage each, \$2900 each; 1377 & 1387 87th, Sacramento; owner, Guy S. Patterson, 857 33rd, Sacto.; contractor, J. W. Hanner, 823 J, Sacramento.

DWELLING, 1-story 5-room and garage, \$3800; 1413 35th, Sacramento; owner, John Askew, 1112 1/2 Q, Sacramento; contractor, J. P. Howell, 1137 47th, Sacramento.

FLATS, 2-story 4-room each and garage, \$12,000; 2613 P St., Sacramento; owner, John Stassi, 1626 S St., Sacramento; contractor, M. A. Fratis, 1728 S St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded June 28, 1924—LOT 84 CASA LOMA Terr. Eileen Desmond to whom it may concern..... June 14, 1924
July 3, 1924—LOT 310 BLK 27 COL. Hgts. J. H. Hadler & Bertie to whom it may concern..... July 9, 1924
July 9, 1924—W 45 FT LOTS 7 & 8 Klotz Tet 1. Roy V. Harding to whom it may concern..... July 1, 1924
July 9, 1924—LOT 7 KLOTZ Tet 1. Roy V. Harding to whom it may concern..... July 7, 1924
July 11, 1924—LOT 9 Crandall Tract, Sacramento; owner, L. Davies to whom it may concern..... July 10, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
July 1, 1924—LOT 1, William Tract, Sacramento. Sunset Lumber Co vs Julia B Oats..... \$465.55
July 3, 1924—LOT 66 and N 10 Lot 67 Heilbron Oaks, Sacramento. W J Clifford and James A Cowshall (as Clifford & Cowshall) vs Margaret E Lewis, Fred Hostetter and Coleman & Holmes..... \$29.50
July 7, 1924—E 40 LOT 2, J. K. 14th and 15th Sts., Sacramento. Sunset Lumber Co vs Edward W and N L

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Berquest and W A and Ella N Rhodes..... \$2641.86
July 1, 1924—LOT 4 BLK 1 Woodlake. Sunset Lumber Co vs Geo E Moore..... \$141.95
July 7, 1924—LOT 5856 Hillcrest Park, Sacramento. Sunset Lumber Co vs H Mertens..... \$75.75
July 7, 1924—LOT 38, Urban Court, Sacramento. Tilden Lumber & Mill Co., \$130.80; Sunset Lumber Co., \$141.41; vs G L and Rose E Rich.....
July 10, 1924—LOT 3204 Elmhurst. George Jacobs (as Oregon Door & Window Co) vs M S and Marie Waters..... \$57.60

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW

ONE ACRE LAND RUIN & ARGUELLO Sta., Redwood City. All work for bungalow and garage.

Owner—Harshall H. Elmer, Redwood City.

Arch. & Contractor—E. A. Olund, San Mateo.

Filed July 3, 1924. Dated July 1, 1924.
Frame up..... \$1250
Brown coated..... 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
Note..... 965
TOTAL COST, \$5965

Bond, \$2983; Sureties, Aetna Casualty Co. of Hartford, Conn.; Forfeit, none; Limit, 100 working days; Plans and specifications filed.

DWELLING

E 1/2 Lot 159 Sub No. 2 San Mateo Park. All work for dwelling.

Owner—Edw. H. Olemutz, 19-B, San Mateo.

Architect—None.
Contractor—Moody J. Henry 723 Broadway, Burlingame.

Filed July 3, 1924. Dated July 1, 1924.
1st each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6433
Bond, Forfeit, none. Limit, 75 days
Plans and specifications, none.

ADDITION

MENLO PARK SCHOOL HOUSE, MENLO Park. Addition to school (1-story frame and plaster)

Owner—Menlo Park Grammar School District, Menlo Park.

Architect—None.
Contractor—Wenden Bros., Menlo Park

Filed July 12, 1924. Dated July 8, 1924

Framed..... \$1366.25
Plastered..... 1366.25
Completed and accepted..... 1366.25
Usual 35 days..... 1366.25
TOTAL COST, \$5465

Bond, \$2732.50; Sureties, Grace E. Porter and Daniel Driscoll; Forfeit, none; Limit, 50 working days; Plans and specifications filed.

RESIDENCE

ATHERTON, Cal. All work for frame residence and garage.

Owner—Inez R. Perry, 307 27th Ave., San Francisco.

Architect—Henry H. Guttererson, 526 Powell St., San Francisco.

Contractor—W. W. Fox, 1101 Woorsley Ave., Palo Alto.

Filed July 12, 1924. Dated July 8, 1924.

Frame up..... \$1972
Brown coated..... 1972
Completed and accepted..... 1972
Usual 35 days..... 1972
TOTAL COST, \$7888

Bond, Sureties, none; Forfeit, \$3; Limit 90 working days; Plans and specifications filed.

BUNGALOW and garage, \$7000; 55 ft of 308 West Poplar, San Mateo. Owner, J. H. Hahn, 711 Occidental Ave., Burlingame; contractor, J. H. Hahn.

RESIDENCE, \$7000; Lot 294 B West Poplar near Midway, San Mateo. Owner, O. L. Cavanaugh, 256 State St., San Mateo; contractor, C. L. Cavanaugh.

BUNGALOW and garage, \$5000; Lot 26 Bk M 11th Ave., Hayward; owner, M. J. Kelley, San Mateo; contractor, Frank Ferrea, 712 5th, San Mateo.

BUNGALOW, \$1800; Lot 3 Bk 6 5th Ave., San Mateo; owner, Mrs. L. E. Cloud; contractor, Harry Kime, 55 N "C" San Mateo.

BUNGALOW, \$8000; Lot 18 Blk 26 C Burlingame; owner, C. G. Adams, 115 Arundel, Burlingame; contractor, C. G. Adams.

PLANNING SHOP, \$3000; Rear of lot E Middlefield 1st, Burlingame; owner, H. Lauder, 1205 Burlingame Blgme.

SHOP, \$4000; Rear of lot E Middlefield Rd., Burlingame; owner, J. Lawrence, 629 Crescent, San Mateo.

RESIDENCE, \$4000; Lot 2 Blk 10 Hale drive, Burlingame; owner, G. T. Bacon.

BUNGALOW, \$4000; Lot 13 Blk 55 Bernad Ave., Burlingame; owner, G. Osgood, Burlingame; contractor, Allen & Morahan.

ALTER RESIDENCE, \$2500; SW Corner of Calhoun and Broadway, Burlingame; owner, R. G. Shomo; contractor, S. A. Born, Glazenwood, San Mateo.

BUNGALOW, \$4000; Lot 6 Blk 21 Highway 5, Burlingame; owner, Chas. E. Perez, 747 19th Ave., S. F.; contractor, Clritchton & Warren.

BUNGALOW, \$4000; Lot 11 Blk A B St Hayward Park, San Mateo; owner, E. Svan; contractor, J. H. Pittsman.

BUNGALOW and garage, \$6000; West 1/2 lot 159 Bellevue Ave., San Mateo; owner, A. D. Codington, 237 Griffith, San Mateo; contractor, M. J. Henry, 723 Crossway, Burlingame.

ALTERATIONS, \$1500; 320 The Crescent, San Mateo; owner, Lydia Jansen, 320 The Crescent, San Mateo; contractor, H. Meyer, San Mateo.

BUNGALOW, \$3000; Cor 4th and G St., San Mateo; owner, C. J. Heentz; architect, M. Dorenson, Burlingame; contractor, M. Dorenson, Burlingame.

BUNGALOW, 1-story, and garage, \$10,000; Palm & 10th Ave. Lot 31 Blk M Hayward Park, San Mateo; owners, E. E. Corcoran, 130 11th St., San Mateo; contractor, F. Ferreira, 712 5th, San Mateo.

RESIDENCE, \$13,550; Palm Ave. and 9th Ave., San Mateo; owner, L. D. Jandon; architect, S. A. Born Bld. Co., Glazenwood, San Mateo; contractor, S. A. Born Bld. Co., Glazenwood, San Mateo.

RESIDENCE, 7-room, \$10,000; 9th Ave. and Palm and Highway, San Mateo; owner, F. W. Lowe; architect, Mitchell & Jackson & Co., 170 2nd, San Mateo; contractor, Mitchell & Jackson & Co., 170 2nd, San Mateo.

BUNGALOW, \$2900; H St. Lot 18 Blk 52, San Mateo; owner, Henry F. Robbers, 82 Louder St., S. F.; contractor, A. R. Doughart, 180 Jessie St., S. F.

RESIDENCE, \$6000; East 1/2 Lot 159 Belvedere Ave., San Mateo; owner, Dr. Ohlemutz, 19-B San Mateo; contractor, Moody, J. Henry, 723 Crossway, Burlingame.

DWELLING, \$6550; Port 28 & 29 Glazenwood, San Mateo; owner, H. O. Jenkins; architect, S. A. Born Bld. Co., Glazenwood, San Mateo; contractor, S. A. Born Bld. Co., Glazenwood, San Mateo.

BUNGALOW and garage, \$5250; Lot 23 Blk 4 Capuchino, Burlingame; owner, J. H. Pitschman and Carl Stew; contractor, J. H. Pitschman and Carl Stew.

BUNGALOW, duplex, and garage, \$9000; Lot 27 Blk 16 Capuchino, Burlingame; owner, Mrs. S. A. Watson; contractor, Wm. Watson & Son, 11 E. Carol, Burlingame.

BUNGALOW and garage, \$6800; Lot 11 Blk 11 Summer Ave., Burlingame; owner, Mrs. Anna Foster; contractor, Thos. Gesso, 1200 Vancouver, Burlingame.

BUILDING, class C, \$8598; Cor Hatch Alley and Blgme. & E., Burlingame; owner, J. E. Hatch, 145 Highland, Burlingame; contractor, L. Dioguardi, 319 Highland, San Mateo.

ALTERATIONS, \$4000; 1406 Bellevue Ave., Burlingame; owner, Mrs. A. Wallace, 1406 Bellevue Ave., Burlingame; contractor, F. J. Brodrick, 1524 Cypress, Burlingame.

BUNGALOW, 1 1/2-story and garage, \$2000; Lot 8 & 9 Blk 10 Poppy Drive, Burlingame; owner, P. J. Williams, 1116 Palm, Burlingame; contractor, Williams & Snell.

BUNGALOW and garage, \$3250; Lot 15 Blk 6 Morrell Ave., Burlingame; owner, E. A. Olsen; contractor, I. D. Peterson, 731 Laurel, Burlingame.

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
PORTOLA WOODS NEAR WOODSIDE.
All work for residence and garage.
Owner—J. B. Callier, Woodside, Cal.
Architect—Hilgus M. Clark, 600 Embarcadero Bldg., Palo Alto.
Contractor—Wells E. Goodenough, 310 University, Palo Alto.
Filed July 12, 1924; Dated July 8, 1924
Commission \$428.
All claims payable by 10th of each month.

TOTAL COST, not to exceed \$9767
Bond, Forfeit, none; Limit, 75 working days; Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded July 1, 1924—LOT 14 BLOCK 54 E. Accented
July 1, 1924—LOT 14 BLOCK 54 E. Accented
July 1, 1924—LOT 25 BLK 30 SAN Bruno No. 3 R. A. Whitte to E. C. Grano..... June 28, 1924
July 1, 1924—LOT 9 BLK 12 BURLINGAME Grove. Sterling Anderson to Thos. N. Gerso..... June 2, 1924
July 1, 1924—LOT 10 BLK 12 BURLINGAME Grove. Sterling Anderson to whom it may concern..... June 2, 1924
July 1, 1924—PART BLK 36 EASTON Add Redwood. Rose G. Balcomb to Palo Alto Construction Co..... June 23, 1924
July 1, 1924—VISITACION. Pacific Fruit Express Co. to Daniel R. Wagner..... June 30, 1924
July 1, 1924—LOT 4 BLK 44 EASTON No. 3, Burlingame. Charlotte M. Coyle to E. A. Olund..... July 2, 1924
July 8, 1924—N 1/2 Lot 11 BLK 4 New High School Acres Redwood. Ruy to Leonard and Holt..... July 1, 1924
July 7, 1924—LOT 17 BLK 6 VILLA Park. Wicklund to Bert Norberg & John Wicklund to whom it may concern..... July 7, 1924
July 7, 1924—LOT 24 BLK 8 SAN Bruno Park, San Bruno. Louis B. and Josephine M. Rasine to A. L. Lundy..... July 7, 1924
July 8, 1924—LOT 21 & 22 BLK P San Mateo Heights, San Mateo. George Azevedo to whom it may concern..... July 5, 1924
July 8, 1924—LOT 12 BLK 8 WEST Add. San Mateo. Frank A. McMahon to whom it may concern..... June 27, 1924
July 8, 1924—W 37-6 LOT 33 BLK 99 South San Francisco. Giocada & Guido Bertolotto to Corocuccini Bros. to whom it may concern..... June 30, 1924
July 8, 1924—LOT 10 BLK 2 Crocker Estate Tract, Daly City. Nick Karagrozis & Charley Gust to whom it may concern..... July 2, 1924
July 11, 1924—PORT LOTS 8 AND 9 Blk 2 Homestead Realty Co., Daly City. Homestead Realty Co. to whom it may concern..... July 3, 1924
July 11, 1924—PORT LOTS 7 AND 8 Blk 2 Homestead Realty Co. Sub Daly City. Homestead Realty Co. to whom it may concern..... July 3, 1924
July 11, 1924—PORT LOTS 10 & 11 Blk 2 Homestead Realty Co. Sub Daly City. Homestead Realty Co. to whom it may concern..... July 3, 1924
July 11, 1924—PORT 1 PORT OF LOT 2 B L 13 & Port of 14 B 21 San Carlos. A. J. Hanscom to W. P. Greene..... July 8, 1924
July 14, 1924—LOT 28 BLK 1 & 2 BLK 46 Easton Add. Redwood. H. J. Williamson to whom it may concern..... July 14, 1924
July 14, 1924—LOT 28 BLK 4 BURLINGAME Easton Add. Pearl C. and Edward W. Draper to whom it may concern..... July 14, 1924
July 15, 1924—PORT LOTS 8 & 9 Blk 12 West. E. J. Gordon to whom it may concern..... July 5, 1924
July 14, 1924—LOT 23 POINT OF LOT 4 Villa Lots Bowie Estate Co. Geo. Shihston to Cecily & Wiseman..... July 12, 1924
July 14, 1924—LOT D B A SAN MATEO Heights. Phillip Jager to H. T. Holster..... July 10, 1924

July 14, 1924—LOT A BLK 2 BURLINGAME Terrace. Frank and Hazel Thrall to Frank E. Murtie..... July 10, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded..... Amount
June 28, 1924—LOT 54 BLK 5 BELLE Air San Bruno. San Bruno Lumber Co. vs J. M. Kammeeyer..... \$75.89
July 5, 1924—LOT 13 BLK 13 EASTON No. 1. Burlingame. Injv. Sorensen vs E. L. Eokert..... \$710

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded..... Amount
July 8, 1924—LOTS 27 & 28 FINGER Park Tract. David G. Hess & Co. to Mary T. Casaretto..... \$300
July 11, 1924—LOT 2 BLK 3 BURLINGAME Park No. 4. Inland Floor Co. to Robert C. Leonard..... \$300
July 11, 1924—NO ADDRESS. John G. Morrison alias Morison & Blair, to R. C. Leonard..... \$230.35
July 11, 1924—LOT 1 BLK 3 BURLINGAME Park No. 4. Gingsburg Tile Co. to R. C. Leonard..... \$390.58
July 11, 1924—LOT 2 BLOCK 3 SUB No 4 Blgme Park. San Mateo Planning Mill Co. to R. C. Leonard.....

BUILDING CONTRACTS

MILL VALLEY, MARIN COUNTY

PERMITS
Recorded..... Amount
DWELLING, \$4500; Sunnyside Ave. Mill Valley; owner, Benjamin E. Nelson CABIN, \$500; Marion Ave., Mill Valley; owner, W. Devenham.
DWELLING, \$3000; Eola Ave., Mill Valley; owner, Martha Thompson.
DWELLING, \$1500; Sunrise Tract, Mill Valley; owner, Harry C. Warwick.
DWELLING, \$4800; Elm Ave., Mill Valley; owner, Kent & Mint.
GARAGE, \$175; Magee Ave., Mill Valley; owner, Chas. J. Brockhoff.
SLEEPING porch, \$250; Miller Ave., Mill Valley; owner, J. S. Satos.
DWELLING, \$3750; Coronet Ave., Mill Valley; owner, Alice Golden Hoffman and Elizabeth v. Mehr.
PORCH, \$250; Elm Ave., Mill Valley; owner, George M. Hanson.
GARAGE, \$250; Marion Ave., Mill Valley; owner, Dr. C. Renz.
GARAGE, \$250; Throckmorton Ave., Mill Valley; owner, Prof. W. R. Elzinga.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

FLATS (2) two-story frame, \$8500; N Bissell St., bet. 14th and 15th Sts., Richmond; owner, James McCann, 452 14th St., Richmond; contractor, A. H. Farrell, 551 12th St., Richmond.
DWELLING, one-story frame, \$3300; W Montana St., bet. Buena Vista and Richmond Sts., Richmond; owner, J. T. Wilson, 24 Montana Ave., Richmond; contractor, D. Martz, San Pablo, Calif.
DWELLING, one-story, \$3000; W 16th St., bet. Roosevelt and Clinton Sts., Richmond; owner, E. Toth, 643 16th St., Richmond; contractor, L. B. Roberson, 930 Pennsylvania St., Richmond.
DWELLINGS (2) one-story frame, \$3500 each; W Montana Ave., bet. Buena Vista and Richmond Sts., Richmond owner, D. Martz, San Pablo, Calif.

REINFORCED CONCRETE WINDOW SASH AND FRAME PATENTED

One of the recent inventions mentioned among the latest patent reports from Washington is a window sash and frame made of reinforced concrete. Two sliding sash of conventional design, but made of reinforced concrete, slide in metal guide strips fastened on the window frame, which also is made of reinforced concrete. This device was patented by Joseph Clement, of Tournai, Belgium.

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Outside and Inside House Paints
Rubber Cement Floor Paint
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Silkenwhite Enamel

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Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

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Publication Office
418 Mission Street

SAN FRANCISCO, CALIF., JULY 26, 1924

Published Every Saturday
Twenty-fourth Year No. 30

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*Permanence
Economy*

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San Francisco Oakland
San Rafael

*Appearance
Comfort*

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For Sale by All Lumber and Building Material Dealers

KOEHRING

The
Heavy Duty
Mixer



Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—**dominant strength concrete**—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete.
Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandies: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"—Dandie Mixers In Stock With Rubber Tired Wheels.
HARRON, RICKARD & McCONE CO.
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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**FATE ROAD CAMPS ATTRACT WIDE
ATTENTION**

The far off Philippines is the latest government to become interested in the prison road camp work of the California Highway Commission. Hon. Ramon Victorio, director of prisons for the Philippine Islands, is in California and will inspect one and possibly more of the prison road camps and make a thorough study of the California convict pay law system.

California has been using convicts from the state prisons to help build mountain roads since 1915, and in 1923 began to pay the men a small wage for their services. Economies effected in the camps have made it possible for the men to make net earnings not to exceed 75 cents a day without increasing the cost of the work to the state. Wide public interest has been manifested in the California plan and such men as Judge Ben Lindsey of Denver have visited the state to inspect the road work being done by convict labor.

**LOS ANGELES PAVING PROGRAM
BREAKS RECORD**

The greatest paving activity in the history of the engineering department of the city of Los Angeles continued during the last fiscal year, ended June 30, 1924, according to the annual report of City Engineer John A. Griffin, which has just been filed with the city council at the close of the year there were 119 contracts aggregating \$5,974,287 under way, as compared with contracts totaling \$4,017,237 under way at the end of the previous fiscal year.

**MILLIONS FOR ROAD WORK IN
SOUTHERN CALIFORNIA**

Southern California during the first six months of 1924 has contracted for more than \$5,000,000 of road work, one-third of which has been from state funds, and the remaining two-thirds provided by the counties. This money will be applied on the construction and improvement of more than 350 miles of highway, involving 46 different projects.

In addition to this road work contracts were let for 13 bridges totaling nearly 1200 feet in length and involving an expenditure of more than \$124,000.

These figures are compiled by the engineering department of the Automobile Club of Southern California.

The state projects approximate \$1,750,000 and include 11.9 miles of gravel road in Imperial county; 27.5 miles of cement and asphalt concrete and grading in Los Angeles county; 21.2 miles of grading and Portland cement concrete in Orange county; 24.6 miles of grading, cement concrete, widening and sea wall in Ventura county. In Orange county, also, the state is building a 522-foot bridge across the Santa Ana river.

County highway construction shows 40 1/2 miles of asphalt concrete in Kern county; approximately 48 miles of road work in Los Angeles county of practically all classes; 13 miles of graveling, asphalt and cement concrete, and widening in Orange county; nearly six miles of macadam in Riverside county; 132 miles of repairing and macadam, and macadam and oil in San Bernardino county; five miles of cement concrete in San Diego county; 25 miles of macadam in Santa Ynez valley in Santa Barbara county, and three miles of asphalt macadam in Ventura county.

**END OF IRON TRADES STRIKE IN
NEW YORK LOOMS**

That the end of the long drawn out strike of structural iron workers of New York is not far off is the opinion of those who have closely followed the situation there. The members of the Iron League, the organization employing structural iron workers have been fighting ever since the strike started, not only to keep wages in that craft from going up, but also to keep the erection of structural steel on the open shop basis.

More than 1000 men are now working on contracts for members of the League. The bricklayers failed to respond to orders to walk out on jobs which were being manned by non-union iron workers, and with the exception of the hoisting engineers, all the other trades are working on jobs where the steel is being erected by members of the Iron League.

The Supreme Court of New York has been asked by the Iron League to restrain the structural steel workers from interfering with, or intimidating its men, and to decide against the closed shop as unconstitutional. In the event the League is successful in the court, action will likely be brought against the structural iron workers union for damages.

The Norwegian motorship George Washington will arrive in Seattle shortly with a cargo of 2000 tons of Belgium cement.

**RECORD BEATING PRICE FOR
INDIAN TIMBER**

Bidding without competition, the Ewauna Box Company of Klamath Falls, Ore., was found to have offered the government the record beating price of \$6.67 per 1,000 feet for yellow and sugar pine timber when the bid was opened at the Klamath agency. The company bid on approximately 400,000,000 feet of timber included in the Long Prairie unit on the Klamath Indian Reservation.

The Fremont Land Company of Fremont, Minn., was the highest bidder on 310,000,000 feet in the North Marsh unit, offering \$5.53 on yellow and white pine timber.

For Douglas Fir and incense cedar on the Long Prairie unit, the Ewauna company bid \$4 per 1000. For similar timber on the North Marsh unit, the Fremont Company bid \$2.50 per 1,000.

Other bidders on the North Marsh unit were the Lamm Lumber Company of Klamath Falls, \$5.35 for pine; Topsy Lumber Company, \$5.28; W. C. Hopkins, Spokane, Wash., \$5.27; Pelican Bay Lumber Company, Klamath Falls, \$5.17.

The bids will be submitted to Chas. H. Burke, commissioner of Indian affairs at Washington, D. C., for final decision.

**RUSTLESS STEEL IS AIM OF NEW
PROCESS**

Steel men of Pittsburgh, Pa., are watching with interest the tests that are being made on a large scale in some of the large steel mills of a new process for making stainless steel and iron.

Stainless steel has been made, but it has been confined to cutlery and small fittings, due to the high cost of its production. By the new method the cost has been reduced, according to the inventor, Ronald Wild of Sheffield, so that rustless tubes, automobiles and even battle and other ships are possible.

The inventor says the process consists essentially in the reduction of chromite or chrome iron ore in its mined condition by means of a low carbon silicon reducer, associated with the melting of an initial batch of metal by means of electric or other form of external heating to insure a residual low carbon and low silicon final metal containing the desired percentages of chromium.

**RECORD LUMBER CUT FOR SUGAR
PINE MILL**

By cutting an average of 14,000,000 feet a month, the Sugar Pine Lumber Company's Pinedale plant in Fresno county, is producing more lumber than any other pine mill in the state, according to W. F. Baird, assistant general manager.

"This mill cut more lumber than any other mill in the state during May and June," Baird says, "and we are maintaining an average of fourteen million feet a month, with two shifts working constantly. Lumber is moving out of the yards in fair quantities and most of it is going East."

Asked whether there was any indication of the mill closing down because of over production of lumber, Baird said there was no consideration of such action at this time.

ALONG THE LINE

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The betting is ten to one that the quarters of the San Francisco Builders' Exchange will be deserted on Thursday, July 31, and the wise ones are betting one hundred to one that the U. S. Veterans' Hospital inspection trip and barbecue will be a huge success.

It's a safe bet either way for outside of the Builders' Day Outing conversations the talk all runs on Howard S. Williams' job and the old fashioned barbecue to be given by the California Brick Company under the supervision of N. A. Dickey, president of the company.

Special invitations have been forwarded to the exchanges located in the following cities: Sacramento, Oakland, San Jose, Richmond, Stockton, Marysville, Vallejo and Fresno. These exchanges have been invited to send as many members as possible to inspect the hospital project. If members cannot attend as individuals, the exchanges are expected to appoint a committee to represent their respective organizations.

Following the hospital inspection trip the visitors will be escorted by automobile to the plant of the California Brick Company, near Livermore, where the barbecue will be served. Short speeches will be made by the more prominent members of the fraternity. Following this the visitors will be taken through the plant of the California Brick Company and shown the process of manufacturing brick, tile and terra cotta.

Outside of the Builders' Day festival, this affair will prove to be one of the biggest "get together" socials of the season for the construction fraternity. In addition to being a trip of interest from an educational standpoint it will permit members of the various Northern California exchanges to become better acquainted.

Every architect in Northern California has a special invitation, forwarded through these columns, to attend the trip and partake of the luncheon to be served by Mr. Dickey.

Highway contracts in Washington state are cutting the cost of work on state roads, according to word from Seattle. Contractors believe lower prices will prevail during the rest of the present year, but are cautious about predicting figures on next season's work. Structural steel and steel for reinforcement used in bridge work has declined sharply, according to reports. It is estimated that a saving of \$10,000 was made in the Nooksack bridge contract because of falling prices. Reinforcement steel now is down to the 1913 level it is said.

The Interior Department has awarded to the Ewauna Box Company of Klamath Falls, Ore., a contract for cutting 385,000,000 feet of timber on 4500 acres of unallotted land in the Long Prairie unit of the Klamath Indian reservation. Prices to be paid are \$6.87 a thousand feet for yellow and sugar pine, \$4 for Douglas fir and incense cedar and \$1 for other species, the highest ever paid for this class of timber in Oregon. The receipts will go to the Indians.

Robert Proctor, superintendent of buildings in Seattle, has issued a warning to contractors concerning the cement they use. Proctor warns against the use of cements that have not been tested by the American Society for Testing Materials. The four brands sold on the Seattle market that come up to the requirements are "Superior," "Olympic," "Christiana" and "Condor."

Oakland will be host to 200 manufacturers, merchants and bankers of Massachusetts on September 25, when the state caravan arrives in the San Francisco Bay district to investigate opportunities for establishing industries and for investments on the west coast.

Pacific Gasoline Company is constructing a \$150,000 plant on the Taft-Bakersfield highway, about 5 miles north of Taft, to consist of a gas compressing unit and absorption plant.

Chemical Construction Co., Charlotte, N. C., has contract to erect \$400,000 sulphuric and phosphate plant in Honolulu for the Pacific Coast Chemical Company.

Declaring that the Taft-Greenfield Highway, now under construction, is not up to standard, Ralph C. Meyers, secretary of the Kern County Chapter, American Association of Engineers, has addressed a letter to the Kern County Board of Supervisors, at the direction of the association, urging the county governing body to verify the statements. It is alleged in the communication that numerous rock pockets are in evidence; that the road has not been properly rolled, thus making it thinner in some portions than in others, and that edge of the highway can be crumpled by a man's weight. The supervisors deferred action on the charges until July 28th.

Preliminary permits for a hydroelectric power project on the Klamath River, in Humboldt and Siskiyou Counties, have been granted by the Federal Power Commission to the associated interests of A. P. Seybold and the Electro-Metals Company of San Francisco. The permits cover three power dams and construction involving an expenditure of \$15,000,000. It is proposed to develop 125,000 horsepower for use in the manufacture of niter and products of the electrical and metal industries.

East Bay Water Company authorized by State Railroad Commission to proceed with installation of additional water mains in the East Bay district to provide adequate fire protection. The mains will be installed at a cost of approximately \$1,707,000, and will range in size of from 6-inch to 20-inch in diameter.

Twenty-five portable structures at \$1600 are being constructed for the Oakland Board of Education. The structures will be assembled to meet the increase in school population during the coming term.

The Los Angeles city building inspector reports permits issued during the first half of the year covering housing accommodations for 17,431 families.

Giant Powder Company will expend several hundred thousand dollars in the erection of a black powder plant at Giant, Contra Costa County. The plant will be erected on a 200-acre site.



H. D. Chapman, for the past thirteen years city engineer of Richmond, Calif., has been appointed city engineer of Venice, Calif., effective August 1. Mr. Chapman was city engineer of Ocean Park, now known as Venice, in 1906 and 1907 and in 1905 was engineer in charge of construction for the Abbott-Kinney Company, which laid out and built Venice, which was then a part of Ocean Park.

Albert Givan, city engineer of Sacramento and general manager of the Sacramento Public Utility District, has submitted estimates to the city commission covering the construction of the proposed Silver Creek power project. The initial cost of the project is placed at \$4,000,000 which sum does not include the proposed purchase of the local distributing systems.

Allen Wagner, maintenance engineer for the California State Highway Commission and Paul Bailey, assistant chief engineer of the State Department of Engineering, are among those slated to be appointed city engineer of Sacramento, filling the vacancy caused through the appointment of City Engineer Albert Givan as manager for the Sacramento Public Utility District.

The city of Berkeley is in the market for an engineering draftsman. Experience in general drafting, plotting field notes and office computations are essential. Knowledge of pavement and sewer design desirable. Minimum salary to start is \$150 a month. Apply John N. Eddy, City Manager, Berkeley.

Bakersfield Municipal Water District has set Sept. 4 as the date to vote bonds of \$1,500,000 to finance purchase of two privately owned water systems and improve same. Approximately \$600,000, of the sum voted, will finance extensions.

Downer & Mero, road building contractors of Richmond, Calif., have been awarded a contract by the U. S. Bureau of Public Roads to grade and surface the Flagstaff-Angel Forest highway in Arizona. The bids was \$143,836.

Authorization by the Oakland city council to obtain expert engineers to aid federal representatives in a complete investigation and survey of the city's harbor development has been postponed until Aug. 7.

Capt. Henry George U. S. N., former commandant of the Mare Island Navy Yard and a member of the Olympic and Bohemian Clubs of San Francisco died suddenly of heart disease at the Naval Hospital, Brooklyn, July 21.

Thomas J. McClure, assistant city engineer of Tulare, Calif., has been relieved of his position by City Manager W. J. Andrews. The action was taken due to a deficit in city funds.

The appointment of W. P. Whites as commissioner to fill the place of J. A. Burton on the public service commission of Los Angeles has been confirmed by the council.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

RICHMOND BUILDERS APPOINT COMMITTEES

Builders' Exchange of Contra Costa County, with headquarters at Richmond, has appointed the following committees to serve for the ensuing year:

- Finance committee—J. L. Bakke, W. Snelgrove, A. P. Hill.
- Executive and arbitration committee—Entire board of directors: J. M. Sanford, E. H. Higgins, A. P. Hill, E. A. Marshall, James Walker, J. L. Bakke, W. Snelgrove.
- Membership committee—H. J. Caplan, L. V. Perry, H. E. Bettinger.
- Constitution and by-laws committee—J. R. Cravath, F. A. Mero, R. H. Spierach.
- House committee—R. W. Timmons, B. J. Ballantyne, R. G. Armistead.
- Building committee—A. L. Rector, J. L. Collins, G. P. Ingram.
- Street committee—Herbert D. Baker, Frank Aulse, S. B. Roberson.
- Exhibit committee—A. H. Winchcole, F. M. Irving, L. DeGregorio.
- Insurance and bond committee—W. J. Richards, Jr., M. A. Hayes, E. B. Bull, E. J. Burg.

ALAMEDA COUNTY PLUMBERS TO ERECT NEW HOME

Tentative plans for the erection of an association home are announced by officers of the Master Plumbers' Association of Alameda County. Membership of the association has been materially augmented during the last year, according to President L. J. Kruse, and it is proposed to erect a home that will comprise an assembly hall, committee rooms, lecture room and library. Provision also is to be made for the holding of night classes for those who care to avail themselves of the opportunity.

At a recent meeting of the association Kruse was elected president; W. H. Picard, vice-president; J. B. Morse, secretary; A. H. McKnown, treasurer and P. H. Blake, sergeant-at-arms.

Refusal of Seattle, Wash., building contractors to grant an increase of \$1 a day to the metal workers may result in a strike, according to word from that city. The scale has been \$8.50 a day and the men ask \$9.50. Contractors assert they do not think conditions warrant an increase. Many large building projects will be affected by the strike, if called, but contractors expect to be able to continue operations without serious delay.

National Electric Light Association with headquarters in New York City has been invited by the San Francisco Chamber of Commerce to hold its 1925 convention in San Francisco. In a letter received by R. E. Newton Lynch, vice-president of the chamber, Frank T. Clifford, president of the association, declared the organization will meet in either Portland, Ore., or San Francisco. An announcement will be made shortly as to which city receives the honor.

In accordance with its policy of furnishing a guarantee to the public that the work of its members will be properly performed the Master Plumbers' Association of Alameda county is arranging to bond each of its members. This bond will cover the various contracts undertaken, and can be levied upon in the event the plumber is found to be at fault in his work.

American Plan Progress is Reported by Industrial Ass'n.

BY FRANCIS J. BAKER, PRESIDENT, INDUSTRIAL ASSOCIATION OF SAN FRANCISCO

Rounding out the third year of its existence, the Industrial Association of San Francisco presents the following record of constructive achievement:

Settled city-wide building trades strike of 1921 by establishing American Plan in building industry; thereby abolishing all artificial and autocratic union rules and regulations curtailing efficiency and limiting output; including rules and regulations rigidly restricting admission of apprentices to the several building trades.

Provided impartial machinery for establishing wages in building trades, and enforcement of wages thus established.

Maintained free trade schools for plasterers, plumbers, painters, paper-hangers, bricklayers, tailors, molders, tilers and house-smiths; from which have been graduated some 1,000 apprentices and in which approximately 700 are still taking training.

Effectuated American Plan in whole or in part in the following (in addition to the building industry) industries: Lithographic, cigar, shoe, garment, taxicab, metal, warehouse, glass, lumber, hotel and restaurant, and candy.

Effectuated a plan of employment insurance by means of which it has been possible for the first time to offer to building trades workers group insurance at rates of 60 to 80% less than ordinary insurance could be purchased, and under which thousands of building trades workers have secured policies covering death and total disability.

Established a safety service to supplement safety inspection by the state and municipality; to the end that the hazards of industry may be reduced to the smallest possible minimum.

Maintained a free employment bureau which has placed more than 20,000 men and furnished help in all lines with no expense either to employers or employees.

Effectuated a comprehensive improvement program for foundry operations,

so that American Plan foundries are rapidly becoming superior to any others on the Pacific Coast, and up to standard of best foundries in the United States, and are thereby securing work heretofore done elsewhere on the Pacific Coast and in the East.

Settled numerous incipient controversies which might otherwise have led to serious industrial strife. Protected the workers' interests, and co-operated with workers by adjusting their grievances, by preventing any discrimination between union and non-union men; and by absolutely enforcing the eight hour day, good wages and decent working conditions.

Protected the public interest so thoroughly that while building permits have steadily increased and the entire community has prospered greatly and progressed rapidly, strikes have been almost wholly eliminated. Indeed, San Francisco went through the year 1923 without a single job or jurisdictional strike in the entire building industry; and is the only large known city in the Anglo-Saxon world where union and non-union building trades workers, in the same craft, work side by side on the same job.

This, in brief, is the record of constructive accomplishment which the Industrial Association can point to as it concludes the third year of its community endeavor. That it has rendered an invaluable service both to San Francisco and the whole country is attested by the fact that its membership is constantly increasing and that it is being called on more and more for counsel and guidance by industrial leaders of other large communities. For instance: within the past year it has been asked by representatives of three foreign governments to furnish details of its method of organization and operation; and its training school program has been adopted by at least a dozen large cities throughout the country.

WHO OWNS THE WATER?

One of the most expensive and bitterly contested series of water lawsuits in Utah finally grew out of a case involving a stream of water that failed; even distant hydroelectric companies, the Salt Lake City corporation, the State of Utah, and the United States Government taking a so-called friendly hand because of the dangerous precedent that might be established in a decision. The controversy, not yet settled, revolves to a large extent around precipitation records of the Weather Bureau of the United States Department of Agriculture. A mining company developed a goodly stream of water in its underground workings, and simultaneously a mountain stream near by used for irrigation, failed appreciably. The miners sought to retain ownership to the water and to establish the fact that dry weather had caused the irrigation stream to dwindle. Was the tunnel flow developed at the expense of the natural stream discharge or are these phenomena masked by a fluctuating precipitation?

PACIFIC N. W. LUMBER TRADE

Lumber production in Western Washington and Oregon for the first six months of this year was 3.06 per cent less than for the same period in 1923, according to reports issued by the West Coast Lumbermen's Association, which said that sales have been 9.97 per cent less than in 1923, and shipments 1.16 per cent lower than the same period last year.

One hundred and fifty-six lumber mills in Washington reported an increased lumber cut of more than 14% per cent in 1923 over the preceding year, according to figures compiled by the Census Bureau, in collaboration with the Forest Service, received by the Seattle Chamber of Commerce.

The average national increase in lumber cut in 1923 was nearly 14 per cent greater than 1922, said reports from 733 mills.

Forty-five mills in California reported an increase of nearly 22 per cent; ten in Idaho, a gain of 33% per cent; seventy-six in Oregon, 29% per cent, and Louisiana and Missouri the only States to report a decrease.

PUBLICATIONS

"Estimating Building Costs and Appraising Buildings," by Frank E. Barnes, was written to aid the contractor or the estimator in determining the amount of labor required for the various building operations, to furnish him with prices of labor and materials that will enable him to check his estimates, and to equip him with full data on present day costs of replacing various types of existing buildings built between 1890 and 1923 that will serve both as the basis of appraisals and as checks and guides in estimating similar buildings. The book is published by the McGraw-Hill Book Company, Inc., 370 Seventh Ave., New York City.

Columbia Metal Box Company, 226 E. 144th street, New York City, has published a new and attractive 20-page catalog on Columbia Steel Medicine Cabinets. The catalog illustrates and describes the Columbia cabinets and includes instruction on their installation.

The text book for bricklayer apprentices, prepared by the Common Brick Manufacturers Association, is now in the hands of the printer. The book is being published by McGraw Hill Co. of New York and will be ready for distribution in about two months.

EXTRA GAS TAX FOR HIGHWAYS IS CONTEMPLATED

Practically unanimous sentiment in favor of jumping the California state gasoline tax to 3 cents a gallon to finance future road work has been found by Governor Richardson's special committee investigating the state highway system.

In every county visited, the committee found opposition to additional bond issues for road purposes. The committee will recommend against the bond issue system of financing highway work, Geo. Radcliff, a member of the committee declares.

The plan under consideration contemplates that the entire proceeds of the additional cent gasoline tax shall go to the state for new construction purposes, the other two cents being split between the state and counties at present for maintenance purposes.

The additional cent and possibly doubling of the flat \$3 license fee is expected to raise \$10,000,000 annually for construction purposes.

ASPHALT MAKES WATERTIGHT JOB ON CONCRETE PIPE JOINTS

Engineers who have been experimenting with various materials for use in making pipe joints in concrete and terra cotta sewer pipes have found that asphalt makes an ideal pipe joint where dry, shifting ground, wet trench conditions, unstable or quicksand conditions exist.

At one time Portland cement was used almost exclusively for making joints in sewer pipes. Recent investigations have shown that while this material makes a watertight joint under normal conditions, the concrete cracks causing openings at the joints when the sewer pipes are subjected to the least settlement.

On the other hand, an asphalt pipe joint is flexible and will remain tight in spite of a several inch settlement in sewer pipes with the result that infiltration of ground water into sewers during wet seasons is prevented. Watertight joints also prevent fine roots of trees from penetrating and forcing their way into sewer pipes.

Winter Month Building is Urged By Secretary of Commerce

Lengthening the building season in the United States to include the winter months, is advocated by Secretary of Commerce Herbert Hoover, as a means of mitigating seasonal ups and downs in the construction industry, of stabilizing employment in the building trades and lowering costs of production and building.

Secretary Hoover's statement based on, and supplemental to, the report and recommendations of the Committee on Seasonal Operation in the Construction Industries, appointed by him as an outgrowth of the President's Conference on Unemployment, called in 1921, urges elimination of wastes caused by seasonal idleness through development of information as to probable future demands for labor and materials and the development of the habit of scheduling construction and repair work with reference to the demand. He reiterates the Committee's finding that custom rather than bad weather is responsible for building trades workers in most American cities working less than three-quarters of the year.

Calling construction the balance wheel of American industry, and placing the value of yearly construction in the United States at more than five billion dollars and the number of workers engaged in construction and manufacturing industries allied to building as mounting into the millions, Secretary Hoover declares activity in construction bears a close relation to general industrial conditions, and that irregularity in the ebb and flow in demand for construction seasonally to a large degree affects economic stability.

In his foreword to the report, Secretary Hoover said:

"The need to eliminate the wastes of seasonal idleness has been brought forcibly to the attention of the construction and the public by reason of high labor costs and the failure of the building trades to attract young men to their ranks." Prescribing a remedy he declares: "Lengthening the building season will mean greater production from the men now engaged in the building trades and will also go far to attract capable apprentices."

Secretary Hoover outlined the danger of seasonal instability in building, stating that: "If building falls off, there is bound to be a slackening in many other lines of industry, resulting in unemployment, decreased purchasing power of employees, and further depression."

He cited the need of organized community effort by representatives of the construction industries, the professions concerned and the public to find the facts as to local handicaps, peaks and depressions of employment and kinds of construction needed for eliminating the wasteful custom. He urged public works as especially well adapted for scheduling with reference to seasonal as well as cyclical conditions, contending that efforts to encourage long-range planning of public works deserve support of the public, legislators and public officials.

Explaining that remedy does not lie in any form of government regulation, the functions of the Committee are defined as having been to determine facts and "to point a remedy that is consonant with our national conception of individual and community initiative."

"The service rendered to our whole

economic life by the elimination of these gigantic wastes and the conscious planning to overcome these irregularities, the improved conditions of labor, which is possible not only in actual construction but in the material manufacturing industries, the lowered costs of production and of building which could result therefrom, are great warranty for such co-operation," Secretary Hoover concluded.

The report sets forth that many seasonal ups and downs are preventable, that the past winter showed greater activity than ever before in what had been normally a dull season and this winter activity exerted a stimulating effect on building-material producers and transportation companies and their employees. The report related that construction companies are aware to possibilities of winter activity and deserve the support and co-operation of the building public. It is explained the ups and downs place the heaviest burden on the employees and the public.

Bad weather effects on building have been greatly reduced, according to the report, which further holds that "with due precautions and proper equipment nearly all construction work can be carried on in winter and at no great difference in cost."

"As the methods of handling winter work develop, and as manufacturers, supply dealers and labor take more interest in encouraging winter work, the cost can be appreciably reduced," the Committee found.

The report explains that bankers may aid in cutting down the waste in construction costs by applying a wider knowledge, now available, of data regarding characteristic trends in the construction industries.

"Forethought in planning ahead and use of information as to the seasonal trends will reduce interest on investments and will release investment funds for other productive uses," it is explained in this relation. "Trustees and others charged with large financial responsibilities have an opportunity and a responsibility for cutting down the present wastes."

Regarding public utilities, it is advised that the single best way to attack, as a demoralizing influence on seasonal currents of construction,

"Evidence is lacking," according to the report that "public utilities in general authorize the erection of buildings at other times than the usual building season," and "they might well set up 'expansion reserves' as a practical and profitable means for constructing additions during low seasonal and cyclical periods."

The Committee in its report states that out of 200 engineers in all parts of the country who replied to the Committee's questions "Are public improvements rushed right along in the peaks of the annual building season?" one hundred ninety-two answered in the affirmative and the comment was frankly added that public works are undertaken without regard to private needs.

"The committee is of the opinion that the need for public works is easily foreseen and that public officials responsible be given every aid so that they can let public works contracts when the work can be performed economically and with least interference with private construction.

THE TRUTH HURTS

Mr. Smith was a hard-hearted old Contractor. One day one of his associates started twitting him about a deal that he had been concerned in.

"They're telling all kinds of lies

about you, Smith," said the informant. "What are you going to do about it?" "Do?" he replied coolly, "I'm going to do nothing. I don't care how many lies they tell about me; it's the truth I'm frightened of."—Pittsburgh Chronicle-Telegraph.

TRADE NOTES

Listing his liabilities at \$172,547.84, with assets of \$127,225. Alfred T. Burch, head of the Union Metal Products Company and a heavy stockholder in the Westgate Metal Products Company, both of Oakland, has petitioned the United States District Court to be adjudged a voluntary bankrupt. Of the assets, Burch lists \$93,000 in promissory notes and securities; \$13,200 due on open accounts and \$21,000 of property in revision and trust. Among the principal creditors named in the petition are: Dr. Raymond St. Clair, Medical Bldg., Oakland, \$45,500; E. W. Ehlen, Orange, Cal., \$93,000; Kofan Inc., San Francisco, \$50,000; Antone Webber, Oakland, \$25,000; Robert Hayes Smith, First National Bank Bldg., San Francisco, \$20,000, and the Westgate Metal Products Company, an endorsee on promissory notes, \$80,000.

The Douglas Fir Exploitation and Export Company has been exonerated by the Federal Trade Commission at Washington of charges of attempting to monopolize the lumber export business of the Pacific Coast. The commission, in announcing its decision, according to Associated Press dispatches, dismissed the case without prejudice because the charges filed against the company could not be substantiated. The Douglas Fir Exploitation and Export Company represents 100 sawmills in Oregon and Washington, handling their products for export trade exclusively. The company does business under the Webb-Palmer law and none of its products enter the domestic trade.

The Enwood Sand and Rock Company, formerly the Enwood Sand Company of Roseville, is rushing work on a modern plant equipped with the latest type of machinery to turn out crushed rock and gravel in all grades. The plant is located on the outskirts of Eastern Roseville near Dry Creek. At present fifty men are employed on construction under the supervision of Harry W. Flint, who will be superintendent of the plant when it is completed. It will have an initial capacity of about 600 tons a day.

South San Francisco plant of American Marble & Mosaic Company has started preparing sixteen black and gold marble columns for the new State Capital Extension buildings at Sacramento. Other contracts on which the company is working includes: Bank of Italy, Oakland; Central Commercial & Savings Bank, Vallejo; Bank of Sausalito; First National Bank, Everett, Wash.; U. S. National Bank, Portland, Ore., and Pacific Southwest Savings Bank, Pasadena.

Suit to recover \$25,000 from the Pacific Tank & Pipe Company, of San Francisco, has been filed in Superior Court by Emil Blossfield, an inventor. Blossfield alleges that the concern on June 22, 1922, entered into an agreement with him by which it was to pay a royalty on a plaster wall board produced by a patent process which he had invented and that no royalties have been paid although he claims thousands of the boards have been manufactured and sold.

California Wire Co., \$3,000,000 corporation, operating a plant at Orange, Calif., contemplates the erection of a \$1,000,000 plant in Northern California for the manufacture of insulated electric wire and cable. Sites in Pittsburg, Contra Costa County, are being considered.

Demand For U. S. Electrical Equipment

Exportation of \$70,000,000 worth of electrical machinery and apparatus in the fiscal year 1924 against \$25,000,000 in 1914 and \$10,000,000 in 1904 illustrates the rapid increase in world use of our electrical apparatus of every day requirements of man the world over. American electric fans are buzzing in the tropics the world around; American cooking and heating devices are minimizing the duties of the home from the equator to the arctic; American lamps are lighting the cities and villages and homes in the most distant countries and colonies of the world, and our motor driven household devices are lightening the cares of the housewife from the accident to the orient and from the far north to the most distant south.

Just a few illustrations, says the Trade Record of The National City Bank of New York, will show the extent to which the world is giving recognition to the ingenuity of the American inventor and the integrity of the American manufacturer whose machinery is accepted on the opposite side of the globe with a full confidence of its qualities. Take the electric fan for example, which has just made its "highest record" in cooling the fevered brows of the assembled politicians of the United States; we sold nearly a million dollars worth of them to other lands for like purposes in the fiscal year just ended, sending them not only to every corner of the tropics but to all sections of the inhabited world, including Finland and Yukon to the north and the southern tip of Africa at the south. The housewives of all parts of the globe are demanding American motor-driven household de-

vices to the tune of nearly a million dollars a year, and they went in the latest year for which details are available to practically all the countries of the world, to our next door neighbor at the north, Canada, to practically all our Latin American neighbors at the south, and to India, Ceylon, China, Japan, Hongkong, Kwangtung, Australia, New Zealand, Egypt and South Africa. Electrical cooking and heating apparatus are also in demand in the households the world over, and the latest record indicates that a million dollars worth were exported in the year just ended, going to 70 different countries extending the world over. The 5½ million electric lamps exported light cities and villages and homes in not only all the grand divisions but in the smallest and most distant islands of the Pacific and Indian Oceans.

Of course the demand for radio and wireless apparatus comes in increasing intensity and from every country of the globe, and the \$4,000,000 worth sent out of the country in the fiscal year 1924 went to 60 countries including the Azores, Iceland, Honduras, Java, India, Straits Settlements, China, Hongkong, the Philippine Islands and Siam. The doctors of the world around are showing their appreciation of American therapeutic apparatus and x-ray machines and took a million dollars worth in the year just ended.

The number of countries, colonies, protectorates and mandated territories to which our electrical devices were sent in 1922, the latest year for which official details are available, was 109, distributed over the entire inhabited world.

Average Wage in Steel Industry

The Wall Street Journal recently published the following figures showing the average wages of the U. S. Steel Corporation employees during the past 13 years:

Year	No. of employees	Payroll	Average wages
1923	260,786	\$469,502,634	\$1800
1922	214,931	322,678,130	1500
1921	191,700	332,887,505	1739
1920	267,345	581,556,925	2173
1919	252,396	479,548,040	1905
1918	268,710	452,663,524	1685
1917	267,058	347,370,400	1280
1916	252,663	263,385,502	1042
1915	191,126	176,800,864	925
1914	179,353	162,379,907	905
1913	228,906	207,206,176	905
1912	221,025	189,351,602	857
1911	196,888	161,419,031	820

SACRAMENTO CITY PLANNING BOARD RESIGNS

Five members of the Sacramento City Planning Commission have tendered their resignations to the city council asking that they be made effective immediately. The commissioners declared their labors were in vain, in as much, as the city council rejected eighteen of twenty-four recommendations submitted during the five months of its career.

The city council, according to reports, instead of accepting the resignations, will, at its next meeting, authorize the preparation of an ordinance repealing the present ordinance which creates the planning commission. The ordinance will be recommended, it is said, by C. H. S. Bidwell, councilman, who asserts that "a planning commission is useless."

QUESTIONNAIRE RETURN DEMAND-ED BY HIGHWAY DEPARTMENT

Efforts of the highway division of the Rocky Mountain branch of the Associated General Contractors recently resulted in having a questionnaire adopted by the highway department of Colorado as part of proposals for work. This questionnaire requires the contractor to state his financial condition, experience and equipment available for the job. When this questionnaire was first inaugurated some of the contractors could not see the feasibility of filling it out as requested by the highway department. One contractor refused to fill out the questionnaire as requested, but used sarcastic answers to the questions asked, and for so doing the highway department disqualified him and awarded the contract to the next lowest bidder. On another occasion a contractor put in his bid without making any reference to the questionnaire and this bid was thrown out.

Reserve the date, Thursday, July 31, Hospital Inspection Trip and Barbecue, Livermore.

Building News Section

APARTMENTS

Contract Awarded.
APT. HOUSE Cost, \$84,652
OAKLAND, Alameda Co., Cal., 12th and
Brush Sts.
Three-story and basement brick and
frame apt. house (brick walls) 33
2-room apartments.
Owner—H. H. North.
Architect—Mrs. Julia Morgan, Mer-
chants Exchange Bldg., S. F.
Contractor—R. W. Littlefield, 357 12th
St., Oakland.

Contracts Awarded.
APT. HOUSES Cost, \$—
SAN FRANCISCO, N Broadway 121-6 E
Laguna, 10-story class A apts.
Owner—Nineteen Sixty Broadway, San
Francisco.
Architect—Quandt & Bos, Humboldt
Bldg., San Francisco.
Grading awarded to H. V. Tucker, 1370
California St., at \$1006.
**Concrete foundation, concrete work &
carpenter work to Jacobs & Irvine**
180 Jessie St., S. F., at \$60,788.
Steel reinforcement to Edw. L. Soule Co
Rialto Bldg., S. F., at \$6031.

Plans Being Figured.
APT. HOUSE Cost, \$75,000
OAKLAND, Alameda Co., Cal., 12th and
Brush Sts.
Three-story and basement brick and
frame apt. house (brick walls) 33
2-room apartments.
Owner—H. H. North.
Architect—Mrs. Julia Morgan, Mer-
chants Exchange Bldg., S. F.
Bids are being taken for a general
contract.

Contract Awarded.
APT. HOUSES Cost, \$30,000
SAN FRANCISCO, E Leavenworth 100
N Filbert.
Three-story and basement frame (12)
apartments.
Owner—Dr. J. W. Robertson, 1133
Greenwich St., Terrace, S. F.
Contractor—J. Del Favero & Co., 180
Jessie St., San Francisco.

HUNTINGTON PARK, L. A. Co., Cal.
—Whipple & McDonald, 251 S Pacific
Blvd., Huntington Park, have the con-
tract for a 3-story class C store, office
and apt. bldg. to be erected on S Pacif-
ic Blvd., Huntington Park, for Carl
Whipple, Farrell & Miller, 700 Western
Whipple, Farrell & Miller, archts. There will
be 2 stores, 6 offices and 8 apts. Di-
mensions 48x140 ft., brick walls, steel,
stone front, comp. rfg., struct., cement,
steel sash, metal skylights, cement,
hardwood and pine fls., gas steam htg.,
tile baths and drainbds., wall beds, re-
frigerators, fire escapes, pine and ma-
hogany trim; \$50,000.

LOS ANGELES, Cal.—Ziegler & Dal-
ton, Rm. 1127 New Garland Bldg., was
low bidder at \$52,600 for a 2-story and
part basement store and apartment
bldg. to be erected on s.w. cor. St. An-
drews Pl. and 6th St. McNeal Swasey,
405 Hibernian Bldg., architect.

SAN FRANCISCO—See "Miscellan-
eous Buildings," this issue.

BONDS

Roseville, Placer Co., Cal.—Election
will be held Aug. 23 in Roseville Gram-
mar School District to vote bonds of
\$40,000 to finance erection of new fire-
proof school in Vernon Street.

SACRAMENTO, Cal.—Election will
be held Aug. 6 in Washington School
District to vote bonds of \$25,000 to im-
prove school improvements. Trustees
of district are: Geo. F. McDonald, Harry
L. Murphy and J. T. McGregor.

SACRAMENTO, Cal.—Election will
be held Aug. 14, in Beaver Union Ele-
mentary School District to vote direct
tax of \$6000 to finance school improve-
ments. Trustees of dist are: E. L. Shel-
ley, J. Schitter, Warren W. Smith and
W. J. Kesner.

HANFORD, Kings Co., Cal.—Election
will be held Aug. 6 in Hanford Gram-
mar School District to vote direct tax
of \$26,000 to finance additions to school
in Donaguer tract. Bond election held
for this work was defeated at recent
elections. L. M. Powell and E. R. Nash,
trustees of district.

SACRAMENTO, Cal.—Until Aug. 4,
bids will be received by county supervisors
for purchase of \$350,000 bond issue of
Sacramento Junior College School Dis-
trict, proceeds of sale to finance con-
struction of a group of union college
buildings. S. Dean of Dean & Dean,
City Library Bldg., Sacramento, is the
architect.

BAKERSFIELD, Kern Co., Cal.—
Election will be held Aug. 11 in Union
Avenue School District to vote bonds
of \$11,000 to finance school improve-
ments. Trustees of dist. are: E. F.
Allen and Everett Kimble.

REDWOOD CITY, San Mateo Co., Cal.
—County supervisors set \$20,000 bond
issue of Hillsborough Grammar School
District for premium of \$675; proceeds
of sale to finance school improvements.
Lewis P. Hobart is the architect.

SACRAMENTO, Cal.—County super-
visors set \$15,000 Pacific School Dis-
trict bond issue for premium of \$351,
proceeds of sale to finance school im-
provements.

HAYWARD, Alameda Co., Cal.—
Election held to vote bonds of \$200,000
to finance high school improvements
failed to carry. Preliminary plans for
the improvements contemplated were
prepared by Architect Henry C. Smith,
Humboldt Bank Bldg., San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator,
Garage and Warehouse Doors.
**Fold-up Doors, Tri-co doors, Cobald-
doors, Wal-el doors.**—St. Louis
Fire Door Co.

STORE FRONTS

The newest and most diversified
store front—Security Metal
Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-
slipping flooring.—Irving Iron
Works Co.

LIGNI SALVOR

Best Wood Preserver.
Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

CHURCHES

LOS ANGELES, Cal.—Arch. H. G.
Corwin, 129 W Washington St., has
prepared plans for a frame and plas-
ter church to be built at n.w. corner
51st St. and McKinley Ave. for South
Park Baptist church, John C. Schreck,
chairman bldg. committee, 432 E 48th
St., who will take bids for the bldg.
Dimensions 120x125 ft. Shingle and
comp. rt., art. glass windows, gas ra-
diators, aut. water heater, O. P. fls.,
tiled toilets and sink, metal toilet par-
titions, hose racks. Es. cost \$40,000.

GLENDALE, L. A. Co., Cal.—Milwau-
kee Bldg. Co., Wright-Callender Bldg.,
has completed preliminary plans for
a church to be erected on Orange St.
near Burchett Ave., Glendale, for the
First Church of Christ, Scientist. It
will have a seating capacity with audi-
torium and balcony of 1200 people.
Sunday school rooms and assembly
hall in basement. Masonry const., slate
rfg., haw. and cement fls., gas htg.
sys., pine and hardw. trim; \$175,000.

SEATTLE, Wash.—Scherer and Carl-
son, 111 Pine St., low bidders at approx
\$125,000 to erect brick and stone, 95
by 175 ft. edifice for Church of the
Blessed Sacrament at E-52nd St. and
9th Ave. Northeast. Beezer Bros., archi-
tects, Seaboard Bldg., Seattle.

LOS ANGELES, Cal.—F. W. Mack,
421 Rodeo Rd., Beverly Hills, has pre-
pared plans for a new church to be
erected at n.w. cor. of 39th St. and
Grand Ave. for Reorganized Church of
Latter Day Saints. One-story and part
2-story 84x110 ft., frame and plas. con-
struction, comp. rfg., pine trim, gas
htg., \$40,000.

FACTORIES AND WAREHOUSES

Contract Awarded.
Bldgs. Cost, (1) \$25,000; (2) \$32,66
BERKELEY, 3rd and Camella Sts.
(1) cooper shop, (2) carton warehouse
(2 stories high, of concrete flat
slab construction).
Owner—California Ink Co., 3rd and
Camella Sts., Berkeley.
Architect—V. H. Poss, 381 Bush St.,
San Francisco.
Contractor—K. E. Parker, 519 Califor-
nia St., San Francisco.
Sub figures will be taken in about
ten days.

Grading Contract Awarded—Sub Fi-
gures Being Taken.
PRINTING PLANT Cost, \$50,000
SAN FRANCISCO, S Harrison 200 W
Third.

One-story and basement brick and co-
crete printing plant.
Owner—Union Lithograph Co., 733 Ha-
rison St., San Francisco.
Designer—L. S. Rosener, Insurance E-
Bldg., San Francisco.
Contractor—Barrett & Hild, 918 Har-
ison St., San Francisco.
Grading awarded to Carlin Grading Co.,
180 Jessie St., San Francisco.

Sub Figures Being Taken.
WAREHOUSE Cost, \$50,000
SAN FRANCISCO, E Harrison 108
19th.

Three-story brick warehouse.
Owner—Geo. Wagner, 181 South Pa-
cific Bldg., San Francisco.
Architect—Meyer & Johnson, 742 M-
ket.

Lumber to McCallum Lumber Co.,
Bryant St., S. F.
Plumbing to Jas. Pinkerton, 327 Ho-
ward St., San Francisco.
Electric work to H. S. Tittle, 85 Colu-
bia, San Francisco.

Plans Being Prepared.

FLYING. Cost, \$40,000
SAN FRANCISCO, N Mission bet. 12th and 13th Sts. 2-story class 1; reinf. concrete with scale building for plumbing supplies.
Architect—Danzel-Muller Co., 556 Mission St., San Francisco.
Contractor—Wills & Co. Lowe, Monadnock Bldg., San Francisco.

Contractor To Take Sub-Figures Shortly.

SAN FRANCISCO. Cost, \$400,000
SAN FRANCISCO, N Lombard between Montgomery and Winthrop.
Even-story reinforced concrete ice mfg. and cold storage plant (1,000,000 cu. ft.)
Contractor—Batterly and Lombard Sts., San Francisco.
Engineer—A. Torriggino, Mills Bldg., San Francisco.
Contractor—Harold Larsen, 747 Monadnock Bldg., San Francisco.
Construction will be started in about 10 days.

Structural Steel Bids Being Taken — Bids Open July 29, 1924, 10 A. M.

ALTERATIONS. Approx. \$1,250,000
ROCKETT, Contra Costa Co., Cal.
Rect. 1-story reinforced concrete and steel building 250x450 ft. to be known as sections 2 and 3 of warehouse No. 1.
Owner—California & Hawaiian Sugar & Refining Co.
Contractor—A. A. Brown, 215 Market St., San Francisco.

Contract Awarded for Foundations, Excavations, Wall & Spur Tracks.

BUILDINGS. Cost, \$500,000
MERYVILLE, Alameda Co., Cal.
1x1-story reinforced concrete bldgs. storage yards, warehouse, machine and electrical shops, foundry, laboratory buildings, metal shop and spur tracks.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Contractor—Eng. Dept. of Owner.
C. H. & A. W. Gorrill, Bacon Bldg., Oakland, have been awarded at approx. \$50,000 for construction of foundations, excavations, walls and spur tracks. Their bids will be taken later.

Plans to be Prepared.

BAKING PLANT. Cost, \$750,000
SAN FRANCISCO. South of Market St. large fireproof baking plant.
Owner—California Baking Co., R. J. Workman, Gen. Mgr. and Pres., Fillmore and Eddy Sts., S. F.
Architect—Not decided.

LOS ANGELES, Cal.—Architects Morgan, Walls & Clements, 1124 Van Nuys bldg., have completed plans and are taking bids for erecting the second unit of the newspaper publishing building on Georgia St. near Pico St. for the Vining Herald Co. Four-story and art basement, 200x141 ft. Class A, reinforced concrete construction, plate glass, composition roofing, steel sash, elevators.

SALINAS, Monterey Co., Cal.—Jackle and Co., Front and El Sausal sts., plans early construction of a 3-story 50x200 ft. grain and produce warehouse on the site of the present plant. The present plant will be remodelled for a lettuce packing department.

LOS ANGELES, Cal.—Architects Morgan, Walls & Clements, 1124 Van Nuys bldg., are preparing plans for a two-story Class C shop building to be erected at the northeast corner of Los Angeles and Colorado Sts., Pasadena, for E. L. Dickinson, Dickinsons, 100x175 ft., brick walls, stucco and cast stone exterior, plate glass, marble, copper sash, composition roofing, metal skylights, cement and wood floors.

HONOLULU, T. H.—Chemical Construction Co. of Charlotte, N. C., awarded contract by Pacific Coast Chemical Co. at approx. \$40,000 to erect sulphuric and phosphate plant in Honolulu.

LOS ANGELES, Cal.—Luther T. Mayo 531 Black Bldg., has the contract to erect a shop, office and loft bldg., at Figueroa, 21st and 22nd Sts., for Montgomery and Richardson, Inc.; it will have 30 stores on first floor and offices and lots on second. Reinf. concrete, 2-story 220x150 ft., precast brick facing, comp. rfg., art stone entrance and trim, cem. fls., plate glass, tile toilets and rest rooms, copper store fronts, pine trim, gas rads., water htr.; \$200,000. Plans are being prepared by Architects Russell & Alpaugh, 1106 Story Building.

GIANT, Contra Costa Co., Cal.—Giant Powder Co., First National Bank Bldg., San Francisco, has started construction of a new black powder plant comprising structures covering approx. 200 acres. Construction is under the supervision of H. M. Tonkin, company engineer of Wilmington, Delaware. Several hundred thousand dollars will be expended in the work.

Taft, Kern Co., Cal.—Pacific Gasoline Co., located on the Bakersfield-Taft highway about 5-mi. north of Taft has started construction of a \$150,000 gas compressing and absorption plant.

VISALIA, Tulare Co., Cal.—California Co-Operative Canneries has started excavation for a warehouse addition, 80x130 ft., adjoining the main plant building at the foot of Bridge St. on East Tulare Ave. Will be reinforced concrete construction; est. cost, \$12,000.

PITTSBURG, Contra Costa Co., Cal.—Officials of the California Wire Co., a \$3,000,000 corporation, operating a plant at 204 North Cypress Avenue, Orange, Cal., contemplates the erection of a \$1,000,000 plant in Northern California for the manufacture of insulated electric wire and cable. Sites in Pittsburg, Contra Costa County, are now being inspected by Louis Koth, president of the concern; Fred A. Grote, secretary-treasurer and Fred H. Alden, sales manager.

FLATS

Contract Awarded. Cost, \$17,850
BUILDING.
SAN FRANCISCO, S Filbert 175 E Polk.
Two-story and basement frame building—flats.
Owner—Elsie M. O'Donnell.
Architect—C. M. Haddik, Monadnock Bldg., San Francisco.
Contractor—E. J. Wade, 2448-B Fulton St., San Francisco.

Contract Awarded. Cost, \$14,000
FLATS.
SAN FRANCISCO, 15th Ave. & Fulton.
Two-story and basement frame and stucco (2) flats, 5-rooms each with basement garages.
Owner—Capt. Chas. Borg, 225 Lake St., San Francisco.
Architect—Walter Falch, Hearst Bldg., San Francisco.
Contractor—G. M. Hantzsch, 455 32nd Ave., San Francisco.

To Be Done By Day's Work.
FLAT BLDGS. Cost, \$28,000
SAN FRANCISCO, S Filbert 151 186 211 236 W Van Ness Ave.
Four 2-story and basement frame flat bldgs. (4 flats in each bldg.)
Owner—Ben Liebman, 407 11th Ave., San Francisco.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco.

Contract Awarded. Cost, \$10,000
FLAT BLDG.
SAN FRANCISCO E Bartlett 130 N 26th
Two-story and basement frame flat building (2 flats).
Owner—Otto & Johanna Martens, 3225 22nd St., San Francisco.
Contractor—H. S. Meinberger, 653 15th Ave., San Francisco.

Contract Awarded. Cost, \$10,000
FLATS.
SAN FRANCISCO, S Fulton 156-3 W Clayton.
Two-story and basement frame (2) flats.
Owner—G. Boschetto.
Architect—None.
Contractor—J. H. Stephenson, 2626 26th Ave., San Francisco.

GARAGES

Contract Awarded. Cost, \$14,000
GARAGE.
OAKLAND, NE Cor. 19th and Grove sts.
One-story brick garage.
Owner—S. M. Chalmers, 101 Hamilton Place, Oakland.
Contractor—James & Borland, 528 Oakland Bank Bldg. Oakland.

Plans Complete. Cost, \$25,000
GARAGE & STABLE.
OAKLAND, E Clay St. bet. 4th and 5th Streets.
One-story 2-room brick garage and stable.
Owner—Santa Fe Express & Drayage Co., 672 9th St., Oakland.

Contract Awarded. Cost, \$40,000
GARAGE.
SAN FRANCISCO, N Lombard between Montgomery and Winthrop.
Two-story brick private garage.
Owner—Merchants Ice & Cold Storage Co., Battery and Lombard Sts., San Francisco.
Engineer—A. Torriggino, Mills Bldg., San Francisco.
Contractor—Harold Larsen 747 Monadnock Bldg., San Francisco.
Sub contracts will be awarded in a few days.

SANTA CLARA, Santa Clara Co., Cal.—See "Stores and Offices," this issue. Garage and (2) stores.

LOS ANGELES, Cal.—Arch. Noerenberg & Joranson, 401 L. A. Ry Bldg., are completing plans for a class A garage to be erected on Hope St., bet. 7th and 8th Sts., for Pacific Motor Service, Inc., of which Roy R. Meads, head of the Pacific Rubb. Corp., is president. The bldg. will have accommodations for 600 cars; dimensions 172x80 ft., 8-story and basement, reinf. conc. construction, terra cotta and cast stone ext., steel sash, plate glass, ramps; \$400,000.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO.—Until July 30, 11 a. m., bids will be rec'd by U. S. Engineer Office, 35 2nd St., under Order No. 5443-603 to fur. 8-pcs. improved plow steel wire rope, each 7½-in. dia. by 1000 ft. in length for swinging irons on suction dredge.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.

(Members Builders' Exchange)

1053 MARKET ST.

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Phone Mission 2607
Res. Phone Mission 5223

Fire Protection Products Co
FIRE DOOR EXPERTS

Kalamain, Copper and Bronze
Doors and Trim

Ornamental Entrances
Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET
near Harrison St.
SAN FRANCISCO, CALIF.

SAN FRANCISCO—Until July 29, 11 A. M. bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5441-603 to fur. and del. Rio Vista, Solano county:

100 lbs. high pressure sheet packing, 1/16-in.
1 box hydraulic packing 9/16-in. square.

1 coil hydraulic packing 1 1/4-in. sq.
10 lbs. hydraulic packing 5/8-in. sq.
16 medium rubber pump valves, cold water, 3/4-in. by 1/2-in. by 1/2-in.
2 sets metallic piston rod packing; dia. rod 1 1/16-in.; dia. of box 3/4-in.; depth of box 3 in.; similar in design to Garlock No. 190 spec.
50 ft. air hose 5 ply, 1/2-in. no couplings.
6 hose couplings, 1/2-in.; similar in design to "Bowes".

WASHINGTON, D. C.—The following bids were received on July 21st by the Supervising Architects Office for changes at the side entrance of the Post Office building in Oakland, Calif. Bids taken under advisement.

Barrett & Hilp, 913 Harrison St. San Francisco	.....\$2748
Schuler & McDonald, Oakland	.....2750
Garber & Clark, 1215 Broadway, Oakland	.....3000
P. W. Maurice, Oakland	.....3400
Alfred H. Vogt, S. F.	.....3873

SAN FRANCISCO—Until July 30, 11 A. M. bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5444-603 to fur. and del. Rio Vista, Solano County; 6 pcs. 12-in. dia. 32 pcs. 2 1/4-in. by 1 1/2-in. dia. by 1 ft., finished sizes, No. 2 clear or better O. P., with 1/6-in. caulking seam each edge; 20 pcs. 2 1/4-in. by 1 1/2-in. by 36 ft. finished sizes, No. 2 clear or better O. P., with 1/6-in. caulking seam each edge; 30 pcs. 3 1/4-in. by 4 1/2-in. by 24 ft. finished sizes, No. 2 clear or better O. P., with 1/6-in. caulking seam each edge.

SAN FRANCISCO—Until July 29, 11 A. M. bids will be rec. by U. S. Engineer Office, 25 2nd St., under Order No. 5443, for hire of teams, scrapers, each with drivers to be used in building earth levees and miscellaneous work near Tolands Landing, Calif. Further information obtainable from above office.

WASHINGTON, D. C.—The following is a list of the three lowest bids received in Washington on July 23rd, at 11 A. M. for the excavating and construction of a three-story class "A" steel frame and reinforced concrete storehouse for the Marine Corps. It is to be erected on a lot in San Francisco on Spear and Harrison streets.

Excavating

Farrar and Cahlin, 185 Stevenson St., S. F.	.....\$33,940
Grandfield Co., 1015 Broadway, S. F.	.....37,740
R. Rosenberg	.....38,270

General Construction

Barrett and Hilp, 913 Harrison St., S. F.	.....\$381,479
Clinton Const. Co., S. F.	.....395,380
K. E. Parker Co., S. F.	.....395,900

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies & Accounts, Navy Department, to fur. and del. materials to Navy Yards and Stations, as follows (Date for opening bids as noted at close of each paragraph):

Sched. 2423, various yards, calipers, chisels, chucks, dividers, ship scrapers, lathe tools, etc., July 29.
Sched. 2427, for Puget Sound, 49,320 lbs. steel angles, galvanized, July 29.
Sched. 2429, San Diego and Mare Island, 4500 sq. ft. floor tiling, Aug. 5.
Sched. 2430, Puget Sound, South Brooklyn or Hampton Roads, 5000 lbs. rust preventive compound, Aug. 5.
Sched. 2431, Mare Island, South Brooklyn or Hampton Roads, 5000 sq. ft. compressed insulating sheet cork, August 5.
Sched. 2432, Mare Island and Hampton Roads, 10,000 ft. iron bark, Aug. 5.
Sched. 2436, various yards, leather, rubber and asbestos gloves, Aug. 5.
Sched. 2438, Mare Island, 16 hydraulic turbine cleaners, July 29.
Sched. 2444, Puget Sound, panel relay transfer, August 5.

WHIPPLE BARRACKS, Ariz.—See "Streets and Sewers," this issue. Bids wanted for grading, resurfacing, etc.

TIBURON, Marin Co., Cal.—Bids are being rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C. (date not set), under Specification No. 5002, to renew fender system at Tiburon, Cal. Project includes removal of present fender system, including fenders (fender piles, wales, and dolphins, and installation of a new fender system at the naval coal depot.

Bids also being received by Bureau (date not set), to const. steel coal trestle at Tiburon under Spec. No. 4989, work consisting of removing existing wood bents and stringers and erection of new steel bents and stringers, new wood decking, and minor accessories at the naval coal depot. Drawings may be obtained on application to the bureau or to the commandant, navy yard, Mare Island, Calif. Deposit of a check or postal money order for \$10, payable to the chief of the bureau of yards and docks, is required as security for the drawings. See the drawings and specifications.

HALLS AND SOCIETY

Plans Being Figured—Bids Close Aug. 18, 1924, 11 A. M.
BUILDING Cost, \$55,000
RICHMOND, Contra Costa Co., Cal. 12th St. bet. Macdonald Ave. & Bissell Street.

Two-story and basement brick memorial building.

Owner—American Legion of Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Bids are being taken for a general contract and heating. Plans may be obtained from the clerk and architect's office.

Working Drawings Being Prepared.
LOGGERS ETC. Cost, \$750,000
SACRAMENTO, Sacramento Co., Cal. 11th and J Sts.

Ten-story Class A Lodge and store building.

Owner—Elks Club.
Architect—Hemming & Starks, Ochsner Bldg., Sacramento.

EVERETT, Wash.—Everett Building Co., Everett, Wash., at \$85,987 submits low bid to Elks Lodge No. 479 to erect three-story, 60 by 100 ft., reinforced concrete lodge and club building. Bancroft & Miller, Everett, (\$91,800, next low bidders. Taken under advisement. Stephen, Stephen & Brust, architects, Seattle.

Steel Contract Award—Sub-bids Being Taken.

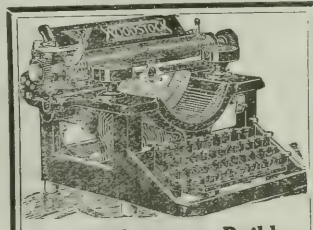
CLUB AND STORE Cost, \$—
OAKLAND, Alameda Co., Cal. Clay St. bet. 12th and 13th Sts.
Six or eight-story class A club and store building.

Owner—Athens Athletic Club.
Architect—Wm. Knowles, Central Bk. Bldg., Oakland.

Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco & 1916 Broadway, Oakland.

Steel awarded to Judson Mfg. Co., 619 Folsom St., San Francisco.

As reported before, the grading is now being done by Arris-Knapp Co.



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Plans Ready For Figures August 1st. STORE, ETC. Cost, \$90,000

SAN RAFAEL.
Two-story steel and brick store and office and lodge building (22 offices, 5 stores, lodge rooms & public auditorium).

Owner—San Rafael Masonic Hall Association.

Architects—S. Heiman, 57 Post St., San Francisco.

Completing Plans. LODGE & OFFICE Cost, \$1,000,000
OAKLAND, SE 20th St. and Broadway. Eight and 14-story class A lodge and office building.

Owner—City Hall Assn.

Arch. & Mgr. of Const.—Wm. Knowles, Central Bank Bldg., Oakland, and Hearst Bldg., San Francisco.

Construction will start in about 90 days.

LODI, San Joaquin Co., Cal.—Masonic Temple Ass'n., has purchased two lots in West Pine St., and plans early construction of new Masonic temple. Site has 100 ft. frontage.

WALNUT CREEK, Contra Costa Co., Cal.—Bids were received as follows:

July 21st, 1924, Oakland, Cal. Plans for the construction of a one-story frame and brick veneer American Legion memorial building to be erected in Walnut Creek, Cal., were prepared by Architect James T. Narbett, 910 Macdonald Avenue, Richmond. The contract was awarded to P. M. Sanford, Richmond Builders Exchange, Richmond, on Propositions "C" deduct \$200, "D" deduct \$100, and "G" deduct \$1200, making contract price \$16,620.

P. M. Sanford, Richmond,\$19,92

F. W. Maurice, Oakland,19,87

(with deductions, \$16,620)

Dinnie Constr. Co. 20,98

Murch & Williams Construc- tion Co., Oakland, 22,15

Hansen, Robertson & Zumwalt, Oakland, 24,00

Schuler & McDonald, Oakland, 24,44

(49553) 1st report Feb. 2; 3rd Jun 26, 1924.

DANVILLE, Contra Costa Co., Cal.—Bids were opened on July 21st by J. E. Wells, clerk of Contra Costa County, for the construction of a one-story frame and stucco American Legion Memorial building from plans prepared by Architect James T. Narbett, 910 Macdonald, Richmond, on account of being approximately \$1000 over the amount available. Complete list of bids follows:

L. V. Perry\$19,92

Bergsen and Swenson 19,61

F. W. Maurice, Oakland, 20,81

H. S. Mendenhall 21,41

Murch & Williams Constr. Co., Oakland 22,61

Schuler & McDonald, Oakland, 25,01

LOS ANGELES, Cal.—Lange & Berstrom, 801 Washington Bldg., have been awarded the contract for all work on pile for erecting the new Jonathan Club bldg. to be built at n.w. cor. 6th and Figueroa Sts. Schultz & Weaver, Pac. Mutual Bldg., archts. The main club bldg. will be 12 stories, at basement, 1043 sq. ft. steel frame construction, brick filler walls, terra cotta and press, brick facing, plate glass marble & tile work, 5 elevators, steel hgt. There will be a 5-story and basement garage bldg. at the rear of the club bldg. on the 6th St. side; reinforced concrete construction, 66x176 ft., with a wing 58x84 ft. The total cost will be approximately \$2,200,000.

FRESNO, Fresno Co., Cal.—Fresno Aerie, Fraternal Order of Eagles, is shortly commission an architect to prepare plans for the proposed lodge building to be erected at Fresno and streets. Site is 150 by 120 ft. Carl Yu is secretary of the lodge.

BALLARD, Wash.—Arch. F. J. Peter Seaboard Bldg., Seattle, is taking bid to erect three-story and basement reinforced concrete and terra cotta lodge theatre and store building to be erected in Ballard at Ballard Aerie, Fraternal Order of Eagles, No. 172. Will be 2 by 100 ft., est. cost, \$400,000. Bids will be opened about Aug. 15.

LOS ANGELES, Cal.—Arch. H. G. Cowlin, 123 W. Washington St., has prepared plans and is taking sub-bids for a 2-story brick Masonic Temple bldg. to be built at n.e. cor. 41st Pl. and Figueroa St. for Palestine Lodge, F. & A. M., No. 351. There will be 6 storerooms on first floor and lodge rooms above. Dimensions 62x127 ft. Tapestry brick and art stone front, comp. fig., cement and hardy fls, gas radiators, copper and plate glass store fronts, tile work, steel beams, water heater. Est. cost, \$60,000.

HITRANK, Los Angeles Co., Cal.—H. J. Treiman, Angelus Hotel, president of the Sunset Canyon Country Club, states that Herbert C. Howard, architect and E. E. Barton, engineer, of the Angelus Hotel, will prepare plans for the completion of the Sunset Canyon Country Club, at the head of Olive Ave., Burbank. The building will probably be of concrete, masonry and brick construction, tile roofing. Dimensions about 140x150 ft. There will be a large ballroom, two dining rooms, large living room, showers, locker rooms, bowling alleys, living quarters for the staff, etc. Cost, \$200,000.

HOSPITALS

Sub-Figures Being Taken.
HOSPITAL Cost, \$350,000
ALAMEDA, Alameda Co., Cal. SW Clinton Ave. and Willow St.
Four-story reinforced concrete hospital.
Owner—Alameda Sanitarium (Miss Kate Creeden, Dr. W. B. Stephens, A. W. Hall).
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco, and Central Bank Bldg., Oakland.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.

RIVERSIDE, Riverside Co., Cal.—Until 10 A. M. Aug. 4, bids will be received by Board of Supervisors of Riverside county for erecting a detention building comprising on county hospital site at Arlington. Plans and specifications on file with clerk of board. Cert. check, 5%. D. G. Clayton, Clerk.

HOTELS

Permit Applied For—Segregated Contracts to be Awarded Next Week.
HOTEL Cost, \$500,000
OAKLAND, Alameda Co., Cal. Corner Fifteenth and Harrison Sts.
Six-story steel and brick Class A hotel and store building, approx. 200 rooms.
Owner—Coit Hotel Co., Inc. (Roger and Chas. B. Coit et al).
Architect—Leonard H. Ford, 306 14th St., Oakland.

MONROVIA, Los Angeles Co., Cal.—Community Hotel, Robt. T. Radford, director, 206 American National Bank Bldg., will receive bids until July 28 for 100-room hotel, tile roof, and hotel building to be built at the north-west corner of Magnolia and White Oak streets. In addition to 36 hotel rooms there will be 8 apartments and several store rooms. Dimensions, 157x192. Plaster exterior. Plans by R. E. Stacy-Judd, 6253 Banner Ave., Los Angeles.

SEATTLE, Wash.—M. P. Zimmer, 1517 14th Avenue, northeast, has plans prepared for a five-story masonry 100 by 60 ft., hotel to be erected at No. 914 Pike street; est. cost, \$85,000. Contract will be let shortly.

LOS ANGELES, Cal.—F. Sward, 3869 W. 6th St., has prepared plans for a class C store and hotel bldg. to be erected at 1019-23 W. 8th St. for Morris Rosenblum, 1465 N. Spring St. Dimensions, 155x52 ft., stores in the first story, 12 rooms above, brick walls, structural steel, press, brick facing, plate glass, marble and tile work, comp fig., elevator, steam hgt., tiled baths; \$150,000.

LONG BEACH, Los Angeles Co., Cal.—L. L. and Dr. I. G. Baker, owners of the Commander Apartments, Long Beach, in association with Chas. L. Hoffman, have announced their intention to erect a \$3,000,000, 12-story tourist and commercial hotel building on W. Seaside Blvd. at Neptune Place. Long Beach. The hotel will be named the Casa del Castillan and will contain 400 sleeping rooms, 25 special suites, 40 apartments, 8400 sq. ft. ballroom, gymnasium, salt water plunge, chapel.

LOS ANGELES, Cal.—Arch. Harry Ryan, 619 Grant Bldg., has completed sketches for a 14-story class A hotel bldg. to be erected at n.w. cor. Hollywood Blvd. and Vine St. for Merrick & Ruddick, Inc.; it will contain 596 rms., 100 per cent baths, lobby, 10 stores, mezzanine fl., lounges, restrms, etc. Reinf. conc. constr., about 160x300 ft., press, brick facing, comp. fig., steam hgt., sys., basement, plate glass, 4 elec. elevators; \$1,000,000.

EVERETT, Wash.—Alexander and McNeil, Mt. Vernon, Wash., at approx. \$325,000 awarded contract by Monte Cristo Hotel Co., to erect a five-story and basement 100 by 120 ft. fireproof hotel and store building. Henry Bittman, architect and engineer, Securities Bldg., Seattle.

POWER PLANTS

SANTA ANA, Cal.—Local realtors discussing \$75,000 bond issue to const. electrical power plant for city street lighting purposes. The plan involves installation of equipment at city water works plant. John Sturgess, electrical engineer of Los Angeles, addressed a recent meeting of the board and stated that the city could produce its own electricity cheaper than it could purchase it from the Edison Co.

MODESTO, Stanislaus Co., Cal.—Election will be held Aug. 12 in Jennings School District to vote direct tax of \$1300 to finance extension of electric lines to school for light, heat and power purposes. Trustees of dist. are F. Louis Wenks, T. L. Olson and John I. Silveira.

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SACRAMENTO, Cal.—Albert Givan, city engineer and manager of the Sacramento Utility District, has submitted estimates of cost to city commissioners for construction of proposed Silver Creek Power Project. The initial cost of the project will be \$4,000,000 which sum does not include proposed purchase of local distributing systems. For the period commencing July 1, 1924 and ending July 1, 1925, Mr. Givan requests a budget of \$64,550 to carry on survey work.

LOS ANGELES, Cal.—General Electric Co. awarded cont. by public service comm. at \$2780 for varnished cloth insulated cable under spec. P-332.

CALIFORNIA—Preliminary permits for a hydro-electric power project on the Klamath river in Humboldt and Siskiyou counties have been granted by the Federal Power Commission to the associated interests of A. F. Seybold and the Electro-Metals Co., Hobart Bldg., San Francisco. The permits cover three power dams and construction involving \$15,000,000 expenditure. It is planned to develop 125,000 horsepower for transmission to Eureka and Trinidad for use in the manufacture of niter and products of the electrical and metal industries.

MODESTO, Stanislaus Co., Cal.—Election will be held Aug. 9 in Laird School District to vote direct tax of \$1400 to finance extension of power line and equip. for heat, light and power for school building. Mary E. Roberts, Ethel L. Brush and P. E. Granger are trustees of district.

SANTA BARBARA, Cal.—Election will be held shortly to vote on \$75,000 bond issue to const. hydro-electric plant for city power and municipal lighting.

PUBLIC BUILDINGS

Contract Awarded.
FIREHOUSE ETC. Cost, \$27,926
LEMOORE, Kings Co., Cal.
Two-story brick firehouse and city hall 50 by 65.
Owner—City of Lemoore.
Architect—Swartz and Ryland, Rowell Bldg., Fresno.
Contractor—A. C. Neal, Lemoore, Cal.
Complete list of bids follows: D. F. Cahill, Lemoore, \$28,700; Brindley and Bebeau, Fresno, \$28,772; Graham and Son, Dinuba, \$28,653; E. H. Mellenkamp, Fresno, \$28,790; McGinty Construction Company, Fresno, \$29,114; W. J. Ochs, Fresno, \$29,203; F. W. Brown, Hanford, \$30,086; Carl Nelson, Hanford, \$29,802; Jolly and Jolly, Fresno, \$30,778; Kerr and Williams, Fresno, \$30,378.

Plans Ordered Prepared.
BATHHOUSE ETC. Cost, \$85,000
RICHMOND, Contra Costa Co., Cal.
Point Richmond.
Semi fireproof bathhouse and swimming pool (type of construction not decided).
Owner—City of Richmond.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

The heating system plans will be prepared by the City Engineer. Structure without heating system will cost approximately \$55,000.

Bids To Be Called For Immediately.
AUDITORIUM ETC. Cost, \$125,000
HANFORD, Kings Co., Cal.
Steel brick and concrete auditorium.
Owner—City of Hanford.
Architect—Coates & Traver, Rowell Bldg., Fresno.

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Preliminary Plans Prepared.
CITY HALL
DUNSMUIR. Siskiyou Co., Cal. \$40,000
 City Hall Building. Reinforced concrete construction with cement exterior, tile and composition roof, cement and wood floors.
 Owner—City of Dunsmuir.
 Architect—Woollett & Lamb, Mull Bldg., Sacramento.

Erection of structure depends upon carrying of \$40,000 bond issue. The fire department will be housed in the structure.

Bids Opened.
ALTERATIONS Cost, \$10,000
PIEDMONT. Alameda Co., Cal. Magnolia and Highland Avenues.
 Alter frame club house into community house.
 Owner—City of Piedmont.
 Architect—Meyer & Johnson, Bankers' Investment Bldg., S. F.
 Fred Westlund and Murch & Williams of Oakland submitted the only bids and they were for the same amount, \$18,900. Bids were taken under advisement as they are \$4000 above the amount available.

BERKELEY. Alameda Co., Cal.—City council authorizes City Manager John N. Eddy to have plans prepared for two 1-story frame and stucco firehouses to cost \$8000 each, one to be erected in Arch St. near Spruce and another on the site of the Hillside school. The structure on Arch & Spruce will be designed by Architect Jas. W. Planchek, 2014 Shattuck Ave., Berkeley, and Architect W. H. Ratcliff Jr., Mercantile Bank Bldg., Berkeley, will prepare plans for the other.

SALINAS. Monterey Co., Cal.—Until Aug. 8, 2 p. m., bids will be rec. by T. P. Joy, county clerk, to fur. and install burglar alarm system to protect Diebold fireproof safe, inside dimensions 33-46-in. wide, 66-in. high and approx. 33-in. deep, housing manganese steel coin safe, located in the office of the county treasurer. Plans on file in office of clerk. Cert. check 10% payable to county required.

SALINAS. Monterey Co., Cal.—Until Aug. 8, 2 p. m., bids will be rec. by T. P. Joy, county clerk, to install heating system in county courthouse. Cert. chk. 10% payable to county req. Plans obtainable from clerk.

BEVERLY HILLS. L. A. Co., Cal.—Fred R. Johnson, 1712 Micheltorena St. Los Angeles, was low bidder and was awarded the contract at \$31,147 for the general contract for erecting the new Beverly Hills city hall. Other low bids and contract awards were: Scott Heating & Ventilating Co., heating, \$3800; M. C. Madison, wiring, \$661; Harry Wasserman, painting, \$1710. All plumbing bids were rejected, new bids are being received. W. Asa Hudson, room 8, Woods-Beckman Bldg., Beverly Hills archt. Two-story and basement, brick constr., found. 40x140 ft., reinforced concrete 1st floor, face brick ext., vault, fire engine quarters, council chamber, jail, city eng's and building depts., city clerk's office, steam heating.

EUREKA. Humboldt Co., Calif.—County supervisors plan to install burglar alarm system in county courthouse. Fred M. Kay is county clerk.

SALINAS. Monterey Co., Cal.—Until Aug. 8, 2 p. m., bids will be rec. by T. P. Joy, county clerk, for alterations in county courthouse. Cert. check 10% payable to county req. Plans on file in office of clerk.

RESIDENCES

Completing Plans.
RESIDENCE Cost, \$14,000
BERKELEY. Alameda Co., Cal., Tunnel Road.

Two-story and basement frame and stucco residence.
 Owner—Dr. Hubert Heitman, 52 Up-lands, Berkeley.
 Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.
 Plans will be ready for figures in about a week.

Plans Being Figured.
RESIDENCE Cost, \$9000
SAN FRANCISCO. Buena Vista Ave.
 Two-story and basement frame and stucco residence (6 rooms and garage).

Owner—Edward Glennon.
 Architect—Walter Falch, Hearst Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$8000
OAKLAND. Lakeshore Highlands.
 Two-story and basement frame and stucco residence 6 rooms & garage
 Owner—Howard Vardeman.
 Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.

Plans will be ready for figures in about two weeks.

Contract Awarded.
RESIDENCE Cost, \$21,400
MORAGA. Contra Costa Co., Cal.
 One-story frame and stucco residence.
 Owner—Miss Albertine H. Higgins and Miss Gertrude E. Mallette.
 Architect—Jorgensen & Weihe, S. F.
 Contractor—F. E. Allen, 2718 Regent St., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$12,500
SACRAMENTO. 1061 45th St.
 Two-story 8-room residence and garage.
 Owner—Geo. W. Barnes, 2601 K St., Sacramento.
 Contractor—R. P. Opdyke, 1009 7th, Sacramento.

Plans Being Figured—Bids Close Aug. 1, 1924.
RESIDENCE Cost, \$14,000
SAN JOSE. Santa Clara Co., Cal., Nagle Terrace.
 Two-story and basement frame and stucco residence and garage (8-room, shingle roof).
 Owner—W. H. Sontheimer.
 Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
 Bids are being taken for a general contract.

Plans Being Figured.
RESIDENCE Cost, \$10,000
BERKELEY. Alameda Co., Cal. Thousand Oaks.

Two-story 7-room frame residence.
 Owner—W. E. Mansfield.
 Architect—Edward Glass, Underwood Bldg., San Francisco.

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DWELLINGS Cost, \$15,000
BERKELEY. Alameda Co., Cal. No. 1623-27-31-35-39 Tenth St.
 Five dwellings.
 Owner—Alameda Investment Co., 703 Syndicate Bldg., Oakland.
 Architect—Owner.

Contract Awarded.
RESIDENCES Cost, \$16,000
SAN FRANCISCO. N Lombard St. 165 W Taylor St.

Two one-story and basement frame residences.
 Owner—A. Guastavino and E. Bolla, 874 Lombard St., San Francisco.
 Architect—None.
 Contractor—J. Del Favero & Co., 180 Jessie St., San Francisco.

Segregated Figures Being Taken.
RESIDENCE Cost, \$18,000
PIEDMONT. Lincoln Ave.
 Two-story frame and stucco residence with tile roof and basement garage (9 rooms).
 Owner—J. W. Mathews.
 Architect—S. B. & Noble Newsom, Nevada Bank Bldg., S. F.

Contract Awarded.
RESIDENCE Cost, \$24,000
SAN FRANCISCO. N Sea Cliff Ave. SW of Lot 76 Map Sub 1, Sea Cliff.
 Frame residence.
 Owner—Pacific Motor Supply Co. (A. Freed) 1440 Market St., S. F.
 Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
 Contractor—Schultz Construction Co., 46 Kearny St., San Francisco.

Contract Awarded.
RESIDENCES Cost, \$75,000
NORTH BERKELEY. Alameda Co., Cal.
 Two two-story 10-room frame and plaster residences of English architecture.
 Owner—J. C. Sperry, 2425 Hearst Ave., Berkeley.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
 Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, \$30,000
CARLETON. Contra Costa Co., Cal.
 Two-story 10-room concrete block residence.
 Owner—Paul Flanders.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
 Contractor—Thermo-tile Constr. Co., 390 Stockton Ave., San Jose.

Contract Awarded.
RESIDENCE. Approx. \$25,000
PALO ALTO. Santa Clara Co., Cal. University Ave. and Marlowe St.
 Two-story frame and plaster residence.
 Owner—M. A. Buchan, 257 Bryon Ave., Palo Alto.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
 Contractor—Frank Fox, 1101 Waverly St., Palo Alto.

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Contract Awarded.
RESIDENCE Cost, \$15,000
BERKELEY, Alameda Co., Cal. No. 211 Victoria St.
Two-story frame residence.
Owner and Designer—F. L. Lewis, 5931 Telegraph Ave., Oakland.
Contractor—E. W. Thanner, 86 El Camino Real, Berkeley.

Plans Being Prepared.
RESIDENCE Cost, \$15,000
HILLSBOROUGH HTS., San Mateo Co., Cal.
Hillsborough Heights.
Two-story frame and stucco residence.
Owner—Dr. Allen Hunter, San Mateo.
Architect—H. H. Guttersen, 526 Powell St., San Francisco.
Plans will be ready for figures in two weeks.

Plans Being Figured.
RESIDENCE Cost, \$14,000
BERKELEY, Alameda Co., Cal. Euclid Ave., near Buena Vista Ave.
Two-story frame and stucco residence and tile roof.
Owner—Mrs. Rebecca Lockwood.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.
Bids are being taken for a general contract.

Plans Being Prepared.
RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame residence, garage, fountains, landscaping etc.
Owner—A. P. Parker.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.

Plans Being Figured.
RESIDENCE Cost, \$—
SAN FRANCISCO, Baker St., bet. Lombard and Chestnut.
Two-story and basement frame residence.
Owner—Withheld.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.

Contract Awarded.
DWELLING
OAKLAND, S Eucalyptus Rd. E Claremont Ave.
Two-story 9-room tile dwelling.
Owner—Mrs. W. A. Beasley, Utopia Apts., Berkeley.
Architect—Contractor—Williams and Westall, 601 American Bank Bldg., Oakland.

MONTECITO, Los Angeles Co., Cal.—Snook & Kenyon, Bothin Bldg., Santa Barbara, has the contract to erect a 18-room residence near the Coast Highway, Montecito, for Mrs. Agnes P. Wilder. Carleton M. Winslow, 921 Van Nuys Bldg., is the architect. Frame and plaster construction, 2-story and basement, the roofing, hardwood floors, 5 tiled baths, gas unit heating system, automatic water heater, pine and hardwood trim, art stone mantel, 3-car garage. Cost, \$45,000.

HAWTHORNE, Los Angeles Co., Cal.—E. Thorason, 3112 Ballona Ave., and John L. Hurst of Los Angeles, announce that financial arrangements have been contracted for the building of 374 five and six-room dwellings on the 80-acre tract at the northeast corner of Ballona and Prairie Aves. They also announce a two-story brick store and office building for the Ballona-Hawthorne corner.

PASADENA, L. A. Co., Cal.—Peter Hall, 930 S Raymond Ave., Pasadena, has the contract to erect a \$36,000, 2-story 12-room frame dwelling at 1421 Lombardy Rd., Pasadena, for Mrs. Arthur Kelsey. Johnson, Kaufman & Coate, Union Bank Bldg., L. A., archts. Found. 62x96 ft. shakes rf., hardwood fls., tile baths and drained, unit htg.

LOS ANGELES, Cal.—Arch. Arthur R. Hutchason, 324 Van Nuys Bldg., is preparing plans for a 11-rm. residence to be erected on Bonvue Ave., Los Feliz Hts., for a local client. Hollow tile walls, 2-story and basement, plaster exterior, tile rfg., hardwood fls., 4 tiled baths unit hfg. sys., water htr., hardwood trim, cast stone mantel, incinerator, water softener, elec. refrigerating sys.; \$30,000.

SCHOOLS

Plans Being Figured—Bids Close Aug. 9, 1924, 2 p. m.

SCHOOL Cost, \$—
WOODLAND, Yolo Co., Cal.
Rebuilding of brick and concrete grammar school.
Owner—Woodland Grammar School District, Mrs. Katherine Felt, clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Cert. check 5% payable to President of Bd. of Trustees of Dist. req. Plans obtainable from architect. See call for bids under official proposal section in this issue.

Contract Awarded.
SCHOOL Cost, \$21,134
GUERNEVILLE, Cal.
One-story frame school building.
Owner—Guerneville Grammar School District.
Architect—Miller and Warnecke, Perry Bldg., Oakland.
Contractor—Whittier & Heitz, Healdsburg.

Contract Awarded.
SCHOOL Cost, \$15,950
UKIAH, Mendocino Co., Cal.
One-story reinforced concrete school building, stucco exterior, maple floors.
Owner—Ukiah High School District.
Architect—Tuttle & Tuttle, 357 12th St., Oakland.
Contractors—Allen & Conrad, 357 12th St., Oakland.
This was the only bid received on July 11th.

Plans Ready For Figures.
ADDITION Cost, \$—
MARYSVILLE, Yuba Co., Cal.
Two-story and basement brick wing addition to school.
Owner—Marysville Grammar School District.
Architect—Miss Julia Morgan, Merchants Ex. Bldg., San Francisco.
Bids will be advertised for immediately by the Board.

ALAMEDA, Alameda Co., Cal.—Until Aug. 5, 10 A. M., bids will be rec. by J. DuFour, Sec'y., Board of Education, Oak and Santa Clara Ave., to furnish, delivered, 1 o. b. various schools, for manual training departments. Cert. check 10% req. with bid. Lists of materials desired obtainable from secretary on request.

CARUTHERS, Fresno Co., Cal.—Until Aug. 5, 7:30 p. m., bids will be rec. by H. C. Kofoid, clk., Caruthers Grammar School District, for (1) carpentry, (2) plastering, (3) heating for auditorium building. E. W. Peterson, architect, First National Bank Bldg., Fresno. Cert. check 10% payable to clerk req. with bid. Plans obtainable from office of architect. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Archts. Hudson & Munsel, Douglas Bldg., have completed plans for a new school bldg. to be erected on McKinley Ave. betw. 78th and 79th Sts. for the board of education. It will contain 20 rooms; 3-story, 147x84 ft., brick and concrete construction, comp. rfg., pine trim, maple flrs., \$110,000. The board will advertise for bids shortly.

POMONA, L. A. Co., Cal.—William H. Weeks, San Francisco, and Robert H. Orr, 1305 Corporation Bldg., L. A., have completed plans for a junior high school bldg. to be erected at Pomona for the Pomona Board of Education. Brick walls, 2-story, 45x90 ft., tile rfg., press. brick facing, cement and hardwood; there will be an auditorium on first floor and kindergarten and locker rms. on second. Bids rec. were rejected as too high; new bids will not be advertised for at present.

GRASS VALLEY, Nevada Co., Cal.—Bids will be rec. until July 31, 1924, 8 P. M., by O. H. Fuller, Clerk of the Grass Valley School District, for painting Columbia School building and manual training shop and the Bell Hill School building.

LOS ANGELES, Cal.—The architectural department of the board of education has completed plans for a 12-room school building to be erected on Towne Ave., between 8th and 9th Sts. Two-story, 86x155 ft., brick walls, composition and tile roofing, pine trim. Cost, \$84,000. The Board of Education will advertise for bids shortly.

PORTLAND, Ore.—Until Aug. 6, 5 P. M., bids will be rec. by Directors of Fernwood School District to erect 3rd and 4th units of school building; 3rd unit will be 31x120 ft., two-story and basement with 6 classrooms and home economics laboratory; 4th unit, one-story, 56x70 ft., with auditorium seating 500. Construction will be of reinforced concrete; est. cost, \$100,000. Plans obtainable from E. E. Lawrence, architect, 1015 Chamber of Commerce Bldg., Portland.

WHITTIER, Los Angeles Co., Cal.—E. M. Wheatland, 118 W. Philadelphia St., was low bidder and has been awarded contract at \$39,465, all work combined, for reconstructing science hall and administration building for Whittier Union High School.

COLUSA, Colusa Co., Cal.—Until Aug. 1, 1 P. M., bids will be rec. by Colusa School District to erect one-story frame and stucco school. Cert. check 10% req. with bid. Plans obtainable from F. E. Burfum, clerk of district, 446 Market St., Colusa.

SAN FRANCISCO—Severin Electric Co., 828 Mission St. at 13,300 awarded contract by Board of Public Works to furnish and install electric fixtures in High School of Commerce Annex to be erected in Fell St., bet. Van Ness Ave. and Franklin St.

SANTA MONICA, L. A. Co., Cal.—Until 8 p. m., Aug. 11, bids will be rec. by Board of Ed. of Santa Monica City School Dist. at office of Board, 1333 6th St., for building proposed new Franklin school on Montana Ave., between 23rd and 25th Sts. Cash or cert. check or bidder's bond for 5%. Deposit of \$25 for plans, to be refunded. Separate bids will be taken on the following: 1. General; 2. heating and plumbing; 3. plastering; 4. electrical work. T. H. Schoenwetter, secy. Francis D. Rutherford, archt., Mills-Fraser Bldg., Santa Monica. Bldg. will contain 2-story and basement, brick const. and will contain 8 classrooms. Pressed brick ext., tile rf., steam heating.

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CROWE GLASS CO.

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Equipped To Handle
Any Size Job.

DIRECT FACTORY BUYERS

SACRAMENTO, Cal.—Until Aug. 5, 5 p. m., bids will be rec. by Chas. E. Hughes, secy. Board of Education, to fur. and del. f. o. b. cafeteria dining and kitchen equipment for schools. Cert. check 10% payable to Board of Educ. req. Further information obtainable from secy.

MANTECA, San Joaquin Co., Cal.—Until Aug. 2, bids will be rec. by Trustees of Manteca Grammar School District to erect one-story tile or brick school, 28 by 30 ft. Plans obtainable from E. E. Douglass, Clerk, Masonic Bldg., Manteca.

SAN MATEO, San Mateo Co., Cal.—Until Aug. 4, 2:30 P. M., bids will be rec. by J. J. Casey, Clerk, San Mateo School District, to erect two-room frame school in Date Ave., Beresford. Cert. check 10% payable to dist. req. Plans obtainable from Wm. F. Turnhill, % Peninsula Water Co., Third Ave., San Mateo. Plans were prepared by Architect Sylvain Schnaittacher, 233 Post St., San Francisco.

LODI, San Joaquin Co., Cal.—Bids will be received until July 29, 1924, R. P. M., by J. M. Gardner, Clerk of Lodi Elementary School District, for the painting of the Emerson School with two coats outside and two coats of cal-mine on ceilings of classrooms, one coat on walls and one coat on ceiling of hall.

SACRAMENTO, Cal.—Until August 5, 5 P. M. bids will be rec. by Chas. E. Hughes, sect'y, Board of Education for 1,050 cu. yds. more or less, cu. yds. decomposed granite in carload lots; alt. bids desired to spread and roll on school yard areas as desired by Bd. of Educ. Cert. check 10% payable to Bd. of Educ. req. Further information obtainable from sect'y.

HANFORD, Kings Co., Cal. — Until Aug. 11, 8 p.m., bids will be rec. by Geo. H. Rogers, acting clerk, Hanford Joint Union High School District to (1) furnish tools and machinery for shop building; (2) fur. 25 mechanical tables, 30 classroom desks and five teachers' desks and chairs, more or less. See call for bids under official proposal section in this issue.

VENTURA, Ventura Co., Cal.—Arch. Mott M. Marston, 507 Douglas Bldg., has been commissioned to prepare plans for a new school bldg. to be erected at Ventura for the San Buenaventura school district; \$60,000 bond issue voted.

SAN FRANCISCO—Until Aug. 13, 3 p. m., bids will be rec. by Board of Public Works to furnish and install elevator system in additions to High School of Commerce in Fell St. between Van Ness and Franklin St.; estl cost \$4000. Bond of \$1000 will be required of successful bidder. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

**PRATT'S
CONCRETE
MIX**

*By Clarence
Sand Pratt*

A circular portrait of a man with short, light-colored hair, wearing a dark suit jacket and a white shirt with a dark tie. He is looking directly at the camera with a slight smile.

The sub-contractors and material men on the U. S. Veterans' Hospital at Livermore will inspect the work and attend a luncheon at the California Brick Company's plant on Thursday, July 31st. Howard S. Williams of San Francisco is a local contractor on this job has extended a general invitation to the building industry to inspect the buildings going up 4 1/2 miles from Livermore.

Joe Odgers, advertising manager of the Daily Pacific Builder, and Clarence F. Pratt, president of the Pratt Building Material Company, are a committee on arrangements and have decided that each one is to take his own car, fill it with friends and spend the forenoon (two hours from San Francisco or Oakland) at the veterans' hospital.

Clarence, better known as Sandy Pratt will be toastmaster and speeches will be made by several men prominent in the building world.

[illegible]

Stucco; Joseph Musto-Keenan Co.
From the interest being shown it looks like the Builders' Exchanges of San Francisco, Oakland and Northern California will close on the day of the outing. As this is one of the largest jobs of this kind now going on in California, much comment has been made. The daily press, including the Daily Pacific Builder, predict a large crowd will attend.—Daily Pacific Builder, June 25, 1924.

ON JULY 31st, 1924.

WE EAT with N. A. Dickey.

OF THE California Brick Co.

AT HIS Livermore plant.

AFTER ALL the above fellows.

SHOW EVERYBODY the 22 buildings.

AT THE U. S. Veterans' Hospital.

NEAR LIVERMORE.

• • •
ALL THE above "Subs."

* * *

INCLUDING SANDY Pratt, President.

OF THE Pratt Building Material Co.

PRODUCERS OF crushed rock.

• • •
AND WASHED gravel and sand.

• • •
ARE A committee of one.

TO INVITE the architects.

BOYS OF S. F. Architectural Club.

• • •
AND THEIR competitors.

• • •
TO THE Williams-Dickey party.

• • •
ON THURSDAY, July 31st.

THESE SAME "subs."

• • •
WILL ACT as waiters also.

• • •
"I THANK you."

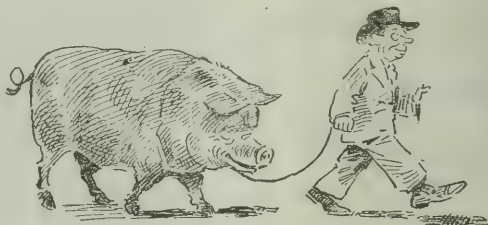


Photo of N. A. Dickey of California Brick Co. gathering all the live stock in Alameda County for the mammoth barbecue at Livermore on July 31. Sandy Pratt, President of the Pratt Building-Material Co., producer of crushed rock, washed gravel, clean sharp sand and rock screenings, will be toastmaster and head waiter. Dickey is chief cook and bottle washer.

POMONA, Los Angeles Co., Cal.—Olcester & Kerr, 1647 N. Highland Ave., Los Angeles, were low bidders on general contract at \$28,660 to erect a junior high school bldg. at the Kaufman public high school site, Pomona, for the Pomona Board of Education; the first floor will have an auditorium to seat 600 people and there will be locker and kindergarten rooms on second floor. William H. Weeks, 369 Pine St., San Francisco, and Robert H. Orr, 1305 Corporation Bldg., Los Angeles, assoc., archts. Brick walls, 2-story, 45 x 90 ft. (the rfg. press brick facing, cement and maple floors, there will also be a new gas furnace htg. sys. for entire group of bldgs. The bids were: General Contract—Olcester & Kerr, \$28,660; J. F. Koller, \$33,983; Grant McCaln, \$41,502; C. J. Smith, \$41,843; R. E. Millan, \$43,088; Hodge & McMackin, \$44,341; Cobby & Owsley, \$44,550; Melville, McKnight & Stiffell, \$49,876. Heating and Ventilating—Industrial Engr. and Equip. Co., American Bk. Bldg., Los Angeles, \$10,468; Tiltz Bldg. and Vtg. Co., \$13,069; Thomas Haverly Co., \$12,250.

Olcester & Kerr, 1647 N. Highland Ave., L. A., were also low bidders on general contract at \$22,700 to erect a mechanical arts bldg. Brick and concrete, 1-story, cement and hardwood floors, metal skylights, gas htg. sys., comp. rfg., wood roof trusses. The bids were: General contract—Olcester and Kerr, \$22,700; Hodge & McMackin, \$23,736; H. C. Millan, \$25,498; Wilton Bros., \$25,750; Cobby & Owsley, \$25,950; H. W. Schlueter, \$25,833; C. J. Smith, \$26,183; D. J. Lyman, \$26,997; Campbell Constr. Co., \$27,580; Melville, McKnight & Stiffell, \$29,203; Harvey M. Hanawalt, \$30,794. Bids taken under advisement.

SACRAMENTO, Cal.—Until Aug. 2, 1 p. m., bids will be rec. by E. E. McConnell, clerk Sierra School District, to erect additions to present structure. Wollett and Lamb, architects, Mull Bldg., Sacramento. Cert. check 10% payable to clerk req. Plans obtainable from architects on deposit of \$15, returnable.

MONROVIA, L. A. Co., Cal.—Until 8 p. m., Aug. 5, bids will be rec. by Board of School Trustees of Monrovia City School Dist. at the office of the board, Ivy and Palm Aves., Monrovia, for building the proposed new elementary school bldg. on N. Mayflower Ave., Monrovia, in accordance with plans and spec. by Archts. Allison & Allison, 1405 Hibernian Bldg. Bids will be rec. for different parts of the work as follows: General contract, sheet metal, composition roofing, tile roofing, plastering, blackboards, painting, hardware, plumbing, gas fitting and sewerage, electric and telephone work and heating and ventilating. Cert. or cashier's check or bidder's bond for 5% deposit of \$15, to be refunded. Mrs. Geo. O. Monroe, Secy.

SUTTER CREEK, Amador Co., Cal.—The Campbell Construction Co., Nicolaus Bldg., Sacramento, were awarded contract by Board of Trustees of the Sutter Creek Union High School District on July 13th, for the construction of a one-story concrete auditorium and manual arts building. Contract price \$15,351. W. H. Weeks, 369 Pine St., San Francisco, is the architect. Following is a complete list of the bids: Campbell Constr. Co., Sacto., \$15,351; Herndon & Finnigan, Sacto., \$15,663; H. A. Handren, Sacramento, \$15,972; Davidson & Nicolson, Sacramento, \$19,840.

LOS ANGELES, Cal.—Archts. Hudson & Munsell, Douglas Bldg., have been commissioned to prepare plans for a new 12-unit bldg. to be erected at the 95th St. school site; \$84,000. The appropriation for the senior high school bldg. to be erected at Belvedere Gardens has been increased from \$400,000 to \$500,000; Geo. M. Lindsey, archt. Archt. John J. Frauenfelder, 1116 Story Bldg., has been commissioned to prepare plans for a 12-unit bldg. to be erected at the Graham school site; \$84,000.

MERCED, Merced Co., Cal.—Until July 30, 5 p. m., bids will be rec. by H. K. Landrum, clk. Merced Union High School District, to furnish and install window shades and special equipment in Livingston Branch High School. W. H. Weeks, 369 Pine St., San Francisco. Specifications obtainable from architect or at office of clerk.

FILLMORE, Ventura Co., Cal.—Until 1 p. m., Aug. 2nd, bids will be received by Board of Trustees of Fillmore Union-High School for furnishing a piano and stage curtains and scenery, and erecting reinf. concr. stairways or repairing stairways in old bldg. Instructions for bidding may be secured from the principal at his office. Cert. check, 5%. P. L. Fairbanks, pres.; D. Feisenthal, clk.

SANTA MONICA, L. A. Co., Cal.—Until 8 p. m., Aug. 4, bids will be rec. by Board of Ed. of Santa Monica High School Dist., at 1333 8th St., Santa Monica, for furnishing and installing program clocks and inter-communicating telephones in Santa Monica High School bldgs. Cert. or cashier's check or bidder's bond for 5%. Plans on file with Archts. Allison & Allison, 1405 Hibernian Bldg. Deposit of \$10, to be refunded. Theo. H. Schoenewetter, secy.

BELL, L. A. Co., Cal.—Until 7 p. m., Aug. 11, bids will be rec. by Board of Trustees of Bell School Dist. at Bell School No. 1, Bell, Cal., for building proposed new addition and alterations to Bell School No. 1 in accordance with plans and spec. by Archts. Witmer and Watson, 415 Bank of Italy Bldg. Cert. or cashier's check or bidder's bond for 5%. Deposit of \$1 required, to be refunded. W. L. Kyle, clerk. Brick walls, tile rf., plas. ext., maple fls., blackboards, gas furnace, ventilating system

SAN FRANCISCO—The Regents of the University of California has purchased property on Jones, Francisco and Columbus avenue and plan the erection of a modern art school building.

WOODLAND, Yolo Co., Cal.—Following is complete list of bids received for work at Woodland High School, low bids as per following:

Built-in Fixtures	
Brass & Kuhn, 144 Bryant St., San Francisco.....	\$12,593
Fink & Schindler, S. F.....	12,700
Cobby & Owsley, S. F.....	12,745
P. F. Bender, Sacramento.....	13,500
Mullen Mfg. Co., S. F.....	13,670
Wm. Bateman, S. F.....	15,670
Home Mfg. Co., S. F.....	16,000
C. F. Weber Co., S. F.....	17,739

Laboratory Equipment	
Fink & Schindler, 226 13th St., San Francisco.....	\$ 5,669
Brass & Kuhn.....	8,457
Mullen Mfg. Co.....	9,850
Wm. Bateman.....	9,857
C. F. Weber Co.....	11,506
Cobby & Owsley.....	11,971
Home Mfg. Co.....	12,159

Metal Lockers	
C. F. Weber Co., 601 Mission St., San Francisco.....	\$249
Fink & Schindler.....	455
Home Manufacturing Co.....	960

Gas Ranges	
C. F. Weber Co., 601 Mission St., San Francisco.....	\$509
Home Manufacturing Co.....	510
Brass & Kuhn.....	525
Mullen Mfg. Co.....	645

Program Clocks	
Standard Elec. Time Co., 461 Market St., San Francisco.....	\$1,185
Pacific Electric Time Co.....	1,194
All bids taken under advisement. W. H. Weeks, architect, 369 Pine St., San Francisco.	

BANKS, STORES & OFFICES

Contractor Taking Sub Figures.
OFFICE BLDG., Approx. \$20,000.
ALAMEDA, Alameda Co., Cal.
Frame and stucco office building.
Owner—Associated Oil Co.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.

Segregated Figures to be Taken Next Week.
STORE, ETC. Cost, \$150,000.
SAN FRANCISCO, 9 Market St.
Six-story and basement steel frame and brick store and office building.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—Rousseau & Rousseau, 1171 Market St., San Francisco.
The building on the site and formerly occupied by the Imperial Cafe is now being torn down.

Plans Being Figured.
STORE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal., Broadway and Hobart Sts.
Complete partly completed 1-story reinforced concrete store building.
Owner—E. W. White of The White Lunch.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Plans To Be Prepared.
STORE BLDG. Cost, \$100,000.
SACRAMENTO, 718 720 K St.
Four or 5-story steel and concrete store bldg. 40x160.
Owner—F. W. Woolworth Co. of N. Y., Rialto Bldg., San Francisco.
Architect—Architectural Department of owner.

Contract Awarded.
STORE BLDG. Cost, \$13,000 each.
SAN FRANCISCO, N Geary 50 & 100 W 20th Ave.
Two 1-story concrete store buildings.
Owner—Alfred E. Fritsch, Mills Bldg., San Francisco.
Contractor—Louis Johnson, 729 Occidental Ave., San Mateo.

SANTA CLARA, Santa Clara Co., Cal.—Barnett and Phelps, 7 N 1st St., San Jose, real estate operators, request city trustees for permit to erect garage and (2) stores adjoining plant of Pacific Manufacturing Company. Will be concrete tile construction, with frontage of 76-ft. in Alameda St. and 100 ft. deep.



All-Key
Plaster Lath

(Patented)

100% Mechanical Key.

Plaster
Wall Board

(Patent applied for)

The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Figures to be Taken Shortly.

OFFICE BLDG. Cost, \$5000
UKIAH, Mendocino Co., Cal. School St.
One-story reinforced concrete and
brick office, 20 ft. front (tapestry
brick exterior).
Owner—Western Title Insurance Co.,
Ukiah.
Architect—Tuttle & Tuttle, 337 12th St.,
Oakland.

Sketches Being Prepared.

BUILDING Cost, \$—
REDWOOD CITY, San Mateo Co., Cal.
Fronting on Main, Heller and Ma-
ple Streets.
One-story fireproof or frame auto
sales, machine shop, stores, and
offices (site 110x26x35).
Owner—Dessin Bros., Main and Don-
nelly Sts., Burlingame, Cal.
Architect—Not selected.

Contract Awarded. Cost, \$14,500
STORE BLDG.
BURLINGAME, San Mateo Co., Cal.
Broadway and Paloma Sts.
One-story reinforced concrete store
building.
Owner—John Tunnichiffe, 1521 Cypress
Ave., Burlingame.
Architect—Chas. F. Grothoff, 2274 15th
St., San Francisco.
Contractor—C. H. Bessett Bldg. Co.,
Kelly St., Burlingame.

REDDING, Shasta Co., Cal.—J. P.
Brennan, Redding, at \$19,690.68 award-
ed contract by State Highway Commis-
sion to erect office building for Head-
quarters Division 11, Shasta county.
Architect's estimate \$24,687.

FRESNO, Fresno Co., Cal.—The fol-
lowing sub contracts have been award-
ed by Architect and Manager of Con-
struction R. L. Felchlin, Patterson Bldg
Fresno, in connection with construc-
tion of a 15-story class A office build-
ing for the Pacific Southwest Trust
and Savings Bank. It is being erected
on the corner of Mariposa and J Sts.,
in Fresno, at a cost of approximately
\$1,000,000.

Linoleum awarded to Bonded Floors Co.
370 2nd St., S. F. for \$2147.

Marble work awarded to Jos. Musto
Sons—Keenan Co., 535 North Point
San Francisco at \$18,000.

Ornamental iron work awarded to Cal.
Artistic Metal & Wire Co., 349 7th
St., San Francisco at \$22,852.

Tile work awarded to Fresno Marble &
Tile Co., 1357 J St., Fresno, at \$1232
Plastering awarded to Fred Willis at
\$43,255.

STOCKTON, San Joaquin Co., Cal.—
Negotiations are under way to finance
construction of a twelve or fifteen
story fireproof structure in the vicini-
ty of Weber avenue and Sutter st.,
to be occupied exclusively by the dental
and medical professions and will
probably be known as the Medico-
Dental Building. Dr. Howard H. Bur-
gess, dentist, Yosemite Bldg., Stock-
ton, admits that such a plan is under-
way. Mayo, Cowell and Bissell, archi-
tects, 21 S San Joaquin St., Stockton,
who are reported to discuss the propos-
al but admitted the negotiations are
in progress.

LOS ANGELES, Cal.—Arch. T. Be-
verly Kelm, 709 Haas Bldg., is complet-
ing plans for a class C store and office
bldg. to be erected on W 7th St. near
Parkview for Theodore Kosloff; it will
have 2 stores on first fl., with office
suites above. Br. plate glass, art stone
and plaster facing, cement and hard-
w. fls., metal skylights, gas rads., elec.
elevators, toilets.

SAN FRANCISCO—Forderer Cornice
Works, 269 Potrero Ave., have been
awarded the contract by Architect Geo.
W. Kellam and Wm. G. Merchant,
Sharon Bldg., to install Campbell metal
window frames and sash, hollow
metal doors and trim sheet metal and
roofing in connection with the office
building on the northeast corner of
Post and Mason Sts., contract price
\$19,604. The Medico Dental Building
Corp. is the owner.

Sub Contracts Awarded.
POSTOFFICE BLDG. Approx. \$500,000
SAN FRANCISCO, NE Gore Corner Em-
barcadero, Washington and Mer-
chant Streets.

Postoffice building.
Owner—Jacob Kulp, Chicago, Ill.
Architect—A. Aischuler, 130 Montgom-
ery St., San Francisco.

Contractor—MacDonald and Kahn, 130
Montgomery St., S. F.
Metal sash awarded to Truscon Steel
Co., 109 Mission St., S. F.

Lumber to San Francisco Lumber Co.,
foot of Mason St., San Francisco.

Glass & glazing to W. P. Fuller & Co.,
Beale and Mission Sts., S. F.

Electric wiring to Edw. J. Lynch Elec-
tric Co., 1725 Steiner St., S. F.

Heating to Scott Co., 243 Minna St.,
San Francisco.

Elevators (2 freight and 1 passenger)
to Spencer Elevator Co.

Mechanical chutes and conveyer to
Dow Co., Louisville, Ky.

Other contracts will be awarded
shortly.

LONG BEACH, Los Angeles Co., Cal.
—Architect W. Horace Austin, 521
Pacific S. W. Bldg., Long Beach, has
prepared plans for a three-story brick
store and office building to be erected
at the north alley corner on east side
of Pine Ave., between First St. and
Broadway, Long Beach, by Contractor
W. E. Babb, room 2, Drake Bldg., Long
Beach, for himself. Wrecking has
started.

Contractors,
Builders,
Engineers,
You Can Now
Protect Your
Checks
right on the job
if you have a

"Security
CHECK
PROTECTOR
FOUNTAIN
PEN"

The Steel Cutting
Wheel on the end
perforates and forces
a red acid proof ink
into the fibre of the
paper, protecting the
amount, payee's name
date, number of
check, and all kinds
of negotiable papers.

NEW FROM
END TO END

Most perfect writing
instrument made.

PRICES

\$3.50 to \$7.00

COUNTY AND GENERAL AGENTS
WANTED

SECURITY SALES CO.

253 MONTGOMERY STREET
San Francisco, Calif.

THEATRES

Plans To Be Prepared.

ALTERATIONS Cost, \$—
STOCKTON, San Joaquin Co., Cal.
Alterations for theatre.
Owner—West Coast Theatres, Inc.
(State Theatre) Knickerbocker
Bldg., Los Angeles and 134 Leaven-
worth St., San Francisco.
Architect not given.

Plans To Be Prepared.

ALTERATIONS Cost, \$100,000
STOCKTON, San Joaquin Co., Cal.
Install heating and ventilating system
and remodel interior.
Owner—West Coast Theatres, Inc.
(California Theatre) Knickerbocker
Bldg., Los Angeles and 134
Leavenworth St., San Francisco.
Architect not given.

Only the heating and ventilating
work will be undertaken at this time.
The work will cost \$25,000. N. O. Tur-
ner is manager of the California Thea-
tre at Stockton.

Plans Being Prepared.

REMODEL Cost, \$—
BERKELEY, Alameda Co., Cal., Uni-
versal and Shattuck Aves.
Remodel ventilating etc. in theatre.
Owner—West Coast Theatres Inc. of
No. Cal., 134 Leavenworth St., San
Francisco.

Architect—Owners.
Further information may be obtained
from Mr. Hanks at 134 Leavenworth
St., San Francisco.

LOS ANGELES, Cal.—Lange & Berg-
strom, 801 Washington Bldg., have
been awarded the general contract for
erecting a theatre, store and office
bldg. at n.e. cor. of Washington St. and
Vermont Ave. for West Coast Theatres
Inc. Other contracts were awarded as
follows: Sprinkling system to Thos.
Haverty Co., plumbing to J. Hokom Co.
and heating to H. S. McClelland. Total
cost, \$452,000. Albert C. Martin, 223
Higgins Bldg., archt. The bldg. will be
250x190 ft.; the front portion will be
2-story class C construction, and will
contain stores and offices; the theater
auditorium will be class A reinf. con-
crete construction and will seat 2000
people.

BALLARD, Wash.—See "Halls and
Society Buildings," this issue. Bids
wanted.

LONG BEACH, Los Angeles Co., Cal.
—Alfred Butterfield, 1034 Temple Ave.,
Long Beach, has the contract to erect
the \$30,000, two-story brick store,
theatre and office building at 621-687
Redondo Blvd., Long Beach, for A. T.
Shaw, Siebert, Hedden & Wynkoop,
architects and engineers, Brock Bldg.,
and Kress Bldg., Long Beach. Compos-
ition roof, cement floor, face brick ex-
terior.

WHARVES & DOCKS

Plans Complete.

PIER Cost \$500,000
SAN FRANCISCO, Waterfront Pier No
50.

Concrete and timber pier.
Owner—State Board Harbor Commis-
sioners.

Engineer—Frank G. White, Ferry Bldg.,
San Francisco.

Plans have been complete for some
time. When bids will be called is un-
determined as the money is not avail-
able at present.

LOS ANGELES, Cal.—Until 2:30 p. m.
Aug. 1, bids will be rec. by harbor
comm., 312 Byrne Bldg., to const. whar-
f extension westerly side of M. P. No.
1, under spec. 637, which may be ob-
tained from the harbor engr., berth 91,
San Pedro. This wharf will be 2400 ft.
long, 22 ft. wide, and will involve re-
placing certain piling and replacing
constructing new piling for extensior
with concrete decking. Est. cost, \$199,
000.

the NEW APARTMENTS



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San Francisco, Kincannon & Peregó, owners—

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SCHLAGE Button Locks are finding widespread favor among apartment house builders and architects. And it is easy to see why. The shrewd apartment house owner knows he can make a big impression on his tenants with these remarkable locks—their quick, snappy action, their simple dignity, their wonderful convenience. They are a show feature, a talking point. They are one of those convincing improvements that make a tenant feel he is lucky to get such an apartment. Thus they make it easier to rent at a profitable figure and to a preferred class of tenants, adding value to the building, profit to the owner, and satisfaction to the tenant.

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BUTTON-LOCK

PITTSBURG, Contra Costa Co., Cal.—Bids were to have been opened on July 23, 1924 8 p. m. by Jas. Fitzgerald, clerk of the city of Pittsburg, for the construction of a wharf. It was decided to return the bids unopened and set a new date for opening later. The work to be done is as follows: Const. bulkhead consisting of 2 rows of piles, 8-ft. apart, 10-ft. centers, including sheet piling and inside bracing, platform 3 by 12 planking, supported by said piles bulkhead approx. 680 lin. ft. long. Also const. wharf consisting of 2 rows of piles 10-ft. apart, 10 ft. center, covered by 2x12 decking on 3x12 joists; wharf approx. 120 ft. in length. Check 10% req. with each bid. Plans on file in office of clerk.

SAN DIEGO, Cal.—The proposed \$250,000 bond issue to be voted on next month will provide for an apron wharf extending from the foot of Seventh St. to the foot of Arctic St. The work will include a conc. bulkhead and dirt fill. A channel, 300 ft. wide and 22 ft. deep, will provide access to the wharf. Joseph Brennan, harbor master.

MISCELLANEOUS BUILDING CONSTRUCTION

Bids Taken Under Advisement.
UNDERTAKING PARLORS, Cost, \$—
SAN FRANCISCO. Market and Duboce Avenue.

Two-story frame and stucco undertak-
 ing parlors and apartments.
 Owner—Gantner & Malsen, 777 Val-
 encia St., San Francisco.
 Architect—Walter Paich, Hearst Bldg.,
 San Francisco.

A. D. Collman, Larkspur.....	\$25,300
Finn Anderson, S. F.....	38,975
Mayer Bros., S. F.....	39,129
W. Papenhagen, S. F.....	47,780
W. S. Zupas, S. F.....	47,000

Planned.
HOME Cost, \$—
OAKLAND, Harrison Blvd, bet. Grand
Ave. and 24th St.
 Boarding home for girls.
 Owner—Young Womens Christian As-
 sociation.
 Architect not selected.

YOSEMITE NAT'L PARK, Cal.—Laura Spellman Rockefeller Memorial Foundation of New York has gifted \$75,000 to the Yosemite National Park to finance erection, equipment and maintenance of a museum in the valley. In addition to the museum the structure will contain large assembly hall.

SAN FRANCISCO—Architect E. E. Young, 2002 California St., will shortly take figures for hardwood flooring and electrical fixtures for the three-story class A dance hall and store building now under construction on the southwest corner of Market and Ninth streets. Trowbridge and Perkins are the owners.

DIXON, Solano Co., Cal.—Election will be called shortly to vote bonds to finance construction of municipal swimming pool.

BURBANK, L. A. Co., Cal.—R. H. Whinery, 512 Grosse Bldg., has the general contract including all work at about \$142,000 for a cemetery gateway, to be erected on San Fernando Road, about 2 miles w. of Burbank, for Osborn Fitzpatrick Finance Corp., owner's agent. It will have 4 rooms including office, work shop and toilets and rest room. Reinf. conc. constr., 50 by 50 ft., 72 ft. high, steel frame outer dome, metal lath and plaster inner dome, terrazzo floor, septic tank, tile rig dome, Colorado vule marble exter., art. stone trim, bronze doors and bronze window grilles, caen stone inter. in rooms, art. stone and tile pools, conc. and art. stone balustrades. Kenneth McDonald, 1305 Brack-Shops Bldg., L. A., archt.

HOLLYWOOD, L. A. Co., Cal.—Arch. John M. Cooper, 321 Marsh-Strong Bldg has completed sketches for an ice skating arena, to be erected in Hollywood, for the Los Angeles Ice Skating Assn., 111 S. Hopkins, mstr. The bldg. will probably be of brick constr., and the first floor will have an area 80x180 ft. with locker rooms, dressing rooms and there will be a balcony which will seat including first fl. space 3500 people. Several locations are under consideration.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 813 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8423—Shanghai, China. Firm desires to buy SANDAL WOOD and requests quotations at once.

8425—Japan. Large firm is in the market for 2,000 feet a month of TWO-INCH ENAMELED PIPE, to be used in manufacturing soy.

8436—San Francisco, Cal.—Manufacturers of OXY-ACETYLENE EQUIPMENT desires to extend their market in Europe and will consider giving their agency to a local exporter now established in that market.

8437—Hayward, Cal. Gentleman, speaking Portuguese, leaving for Brazil on July 28, will accept a representation for a San Francisco house on a commission basis, which may desire to extend its markets in Brazil, or may desire first-hand information on market conditions. Interview desired.

8438—San Francisco, Cal.—American, experienced in Far East, returning to China in the near future, desires manufacturers agencies or representations. Any reasonable proposition considered.

8439—San Francisco, Cal.—Gentleman with many years experience in Mexico, representing American firms, desires an opening in San Francisco. Best references.

8440—San Francisco, Cal. Business man leaving shortly for the Orient where he is well acquainted, will ex-

ecute business matters, and represent San Francisco manufacturers or business houses there.

8441—Burlington, Cal. Man, traveling to Orient, open to represent local manufacturers on commission basis. Articles suitable for sale in China and Philippine Islands particularly desired. Four years' previous experience in the Orient and large personal acquaintance in China and Philippines.

D-1323—Cushman, Ore. Individual desires to communicate with firm handling green alder lumber.

LEADS FOR BUSINESS

July 24, 1924
AUCTIONEERS—L. W. Cohn, 108 Pine.
DENTISTS—Dr. J. J. McCarthy, 5907 Geary.

DRAYAGE—Flyer Transfer & Storage Co., 753 Leavenworth.
ENGINEERS—Riet, Engineering Co. (Pittsburgh, Pa.), (Foundations), speckeels Bldg.

HOSPITAL FURNITURE—F. E. Good-ban, 150 Webster to St. Cordova.
JEWELERS—D. Landow, 544 Geary to 55 Ellis.

LINOTYPING—W. M. Hinton, 95 9th to 122 9th.
LUNCHEON & CONFECTIONERY—Mr. Jack Louis, O'Farrell near Powell in about 10 days.

MFRS. AGENTS—J. H. Mulrein, 681 Market to 1345 Howard.
NOVELTIES—Frederick-Weingarten Co., 156 Bush to 7 1st.

PLUMBING SUPPLIES—John Douglas Co., Cincinnati, Ohio, 456 Ellis to 1345 Howard.
PRINTING—McNeil Bros., 928 Fillmore to 741 Mission.

RADIO—Independent Wireless Tel. Co. and Cutting & Washington Radio Corp. (N. Y.), 167 Steuart to 110 Market.

RESTAURANTS—Dave's Lunch, 162 5th
STUDIO—Miss Dorothy Coulter (dance) 435 Powell.

WALL PAPER—Golden City Wall Paper & Paint Co., 2468 San Bruno Ave.

STATIONERS—Miss Fagen, 1920 Hayes.
STOVES AND RANGES—James Graham & Co., 521 Mission to 5th and Bryant about Sept. 1st.

ATTORNEYS—Morris S. Silver, Balfour Bldg.

AUTOMOTIVE—Ninth St. Auto Service Shop, 385 9th.

CIGARS—A. Palmesane, 3397 Mission.
DRUGS—Phoenix Drug Co., 301 3rd.

Engineers—Schultz-Morris Electric Engineering Co., 310 4th.

JEWELERS—I. Steinberg (Walifa Sales Co.), Kamm Bldg.

LADIES APPAREL—Mr. Cohan, 130 Kearny to 154 Sutter.

PLUMBING—C. F. Watson, 1909 to 1854 Divisadero.

RADIO—Mission Radio Co., 3347 Mission.

Peerless Radio Co, branch 712 Market
RESTAURANTS—Peoples Restaurant, 2198 Folsom.

Vile House Lunch Room, 297 9th.

SIGNS—K. Riley, 1910 Mission.

TYPEWRITERS—Typewriter Exchange, 453 Montgomery.



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Official Proposals

NOTICE TO CONTRACTORS

(Woodland Grammar School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Woodland Grammar School District, in the Board of Trade Rooms at the Yolo County Court House, at 2 P. M. on the 9th day of August, 1924, for the rebuilding of the Grammar School Building in the City of Woodland, according to plans and specifications prepared for the same by W. H. Weeks, architect.

Plans and specifications may be seen at the office of Architect W. H. Weeks, 369 Pine St., San Francisco, California, or at the office of Wraith & Farish, Woodland.

All bids should be presented on bid form furnished by the architect. Each bid must be accompanied by a certified check on some responsible California Bank in a sum not less than five per cent (5%) of the amount of bid made payable to President of Board of Trustees of the Woodland Grammar School District, for the purpose stated in specifications.

Each bid must be delivered in sealed envelope, and addressed to Mrs. Katherine E. Falt, Clerk of the Grammar School Board of Trustees, and endorsed:

"Proposal for work of Rebuilding Grammar School Building."

The Board reserves the right to reject any and all bids.

(Signed) J. L. HARLAN,
President of the Board of Trustees of the Woodland Grammar School District, Woodland, California.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on Aug. 18, 1924, at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows: Lassen County, a 35-foot concrete bridge across Robbers Creek, a 90-foot combination wood and concrete trestle across Baxter Creek and a 12-foot combination wood and concrete trestle across Long Valley Creek (11-Las-29-A, C & E).

Orange County, between Corona Del Mar and Laguna Beach (VII-C-12), about five and two-tenths (5.2) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and El Paso.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,

California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated July 21, 1924.

NOTICE TO CONTRACTORS

(Caruthers Grammar School District)

Pursuant to an order of the Board of Trustees of the Caruthers Grammar School District, notice is hereby given that said Board will receive sealed proposals for the following segregated branches of work required for the completion of the Auditorium of the Grammar School Building in accordance with the plans and specifications prepared by E. W. Peterson, architect, First National Bank Building, Fresno, California.

Bidders may bid on any one segregation or a general bid including all of the work.

1. Carpentry.
2. Plastering.
3. Heating.

All bids must be accompanied by a certified check in the amount of ten per cent of the amount of the bid made payable to H. C. Kofoid, Clerk of the Board.

Bids to be delivered to H. C. Kofoid, Clerk of the Board, up to and not later than 7:30 P. M. on Tuesday, August 5, 1924, at which time bids will be opened at the Grammar School Building, at Caruthers, California.

Plans and Specifications may be obtained at the office of the Architect.

The Trustees reserve the right to reject any and all bids.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

603 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

NOTICE TO BIDDERS

(Hanford Joint Union High School District)

At a regular meeting of the Board of Trustees of the Hanford Joint Union High School District, held Monday evening, July 14, 1924, at its regular place of meeting, a motion was made and carried that the Board purchase for the said High School District the following:

1. Tools and machinery for the new shop as per specifications on file with the Clerk of said Board.

2. Twenty-five mechanical drawing tables, thirty class-room desks and five teacher's desks and chairs, more or less, as per specifications on file with the Clerk of said Board.

Notice is hereby given that the Trustees of said High School District will receive sealed bids to furnish items (1) and (2) as above, on or before Monday evening, August 11, 1924, the same to be mailed to the Clerk of the Board of Trustees, in care of J. L. Neighbor, or delivered in person at the meeting of the Trustees, August 11, 1924, not later than 8 o'clock p. m.

All bids must be accompanied by a certified check or bidder's bond for ten per cent of the amount of the bid.

Where particular brands or makes of materials or articles are specified they are mentioned as standards, and the bidder has the option of bidding on any other brand or make of the same kind of materials or articles.

The Trustees reserve the right to reject any or all bids.

GEORGE H. ROGERS,
Acting Clerk of the Board of Trustees, Hanford Joint Union High School District.

BIDS WANTED FOR STEEL TANK

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed, "Proposals for steel tank, Pearl Harbor, Hawaii, Specification No. 4,932" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., August 13, 1924, and then there publicly opened for 750,000-gallon elevated steel water tank on steel tower at the Naval Operating Base, Pearl Harbor, T. H. Specification No. 4,932 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the commandant, Navy Yard, Mare Island, California. Deposit of a check or postal money order for \$500 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the specifications.

L. E. CROCKY,
Chief of Bureau.

May 24, 1924.

NOTICE TO BIDDERS

(Mail Chute—Honolulu, T. H.)

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 27, 1924.

SEALED PROPOSALS will be received at the Office of the Custodian of Post Office, Honolulu, Hawaii, until 9 A. M., and at the office of the Superintendent of Construction, Room 403 Post Office, San Francisco, Calif., until 12 M., and at this office until 3 P. M., Sept. 2, 1924, and then opened, for mail chute in the United States Post Office, Custom House and Court House, at Honolulu, T. H. Drawings and specifications may be obtained from the Custodian of Post Office, Honolulu, Hawaii, or from the Superintendent of Construction, Room 403 Post Office Building, San Francisco, Calif., or from this office in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

Engineering News Section

BRIDGES

NEVADA COUNTY, Cal.—Proctor & Cleghorn, Rosenberg Bldg., Santa Rosa, at \$50,425 awarded cont. by State Highway Commission to const. bridge over Truckee river and S. P. R. R. tracks about 1 mile north of Polaris; 398 ft. long, 21 ft. wide, consisting of 160 ft. rein. conc. arch span, four 30 ft., and 38 ft. and one 59 ft. rein. conc. girder spans; involving 1150 cu. yds. class A; 280 cu. yds. class B and 40 cu. yds. class E Port. cem. conc. in bridge; 1800 hundredweight rein. steel in bridge; 450 cu. yds. excavation for bridge structure and 2500 cu. yds. roadway embankment. Engineer's estimate, \$61,315.

BAKERSFIELD, Kern Co., Cal.—W. W. Kelly of the Engineering Dept. of the Santa Fe Railroad announces plans for the proposed subway under the tracks of the Santa Fe r.r. at Union have been forwarded to W. D. Clarke, city eng., of Bakersfield, who submitted same to the city council for approval. The plans are yet to be approved by the State Railroad Commission.

OREGON—Until July 29, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, to const:

Deschutes county, bridge over Deschutes river at Lower Bridge involv. 90 cu. yds. excavation; 55 cu. yds. conc.; 400 lbs. metal reinforcement; 68,000 lbm. structural steel; 28 MPFEM lumber. Josephine county, bridge over Illinois River near Kerby on Redwood Highway involv. 135 cu. yds. excavation; 155 cu. yds. conc.; 18,000 lbs. metal reinforcement; 19,000 lbs. structural steel; 230 lin. ft. timber trestle.

Spec. obtainable from Roy A. Klein, state highway engineer at Salem, on deposit of \$5 for each set.

SANTA ROSA, Sonoma Co., Cal.—D. E. Albers, 473 Ellis St., Santa Rosa, at \$1625 awarded cont. by supervisors to const. rein. conc. bridge over Rockford creek. Other bids were: Gates and Howe, \$1645; J. Cogo, \$1722; R. P. Smith, \$1745; M. G. Hansen, \$2385.

REDDING, Shasta Co., Cal.—Until Aug. 6, 2 p. m., bids will be rec. by Errol A. Yank, county clerk, to const. 3 rein. girder bridges, (1) over Churn creek on Anderson-Churn bottom road; (2) over Eagle Creek; and (3) over Fryer creek on Redding-Harrison Gulch road. Cert. check 10% payable to county reg. Plans on file in office of county clerk.

SAN RAFAEL, Marin Co., Cal.—County Surveyor J. C. Oglesby preparing spec. for bridges across Nicasio and Stemple creeks, the first near the junction of Lucas Valley and the Nicasio road and the latter at Ambrosini's ranch.

STOCKTON, San Joaquin Co., Cal.—State Highway Commission is preparing plans for \$200,000 lift bridge at Mossdale in San Joaquin county. Construction will be undertaken in 1925.

RIVERSIDE, Cal.—Until 11 A. M., Aug. 11, bids will be rec. by supervisors to const. rein. conc. arch bridge across San Jacinto river, known as San Jacinto bridge. Plans on file at office of county surveyor, A. C. Fulmer. Cert. check 5%. D. G. Clayton, clerk.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. for bridge on Trimble road over Coyote Creek, Sup. Dist. No. 3 and another over San Tomas Creek in Supervisor District No. 5.

AUBURN, Placer Co., Cal.—Until Aug. 5, 11 A. M., bids will be rec. by Arthur S. Fleming, county clerk, to const. rein. conc. arch bridge over Bear River on Grass Valley-Colfax road, constructed to be financed by Nevada and Placer Counties. Will be 105 ft. in length. Jerome A. Barieau, Carnegie Library Bldg., Auburn, engineer.

ABERDEEN, Wash.—Until July 30, 5 p. m., bids will be rec. by Nellie Thrift, city clerk, to const. highway bridge over Wishkah river on Wishkah St.; est. cost, \$200,000. Will be Strauss single-leaf heel trunnion with span 145 ft. long, featuring 27-ft. roadway on either side. Involves 331 tons steel; 35 tons machinery; 923 cu. yds. conc. in bridge. Lift span will be operated by two 35-h.p. motors with 40-h.p. gas engine to be used as auxiliary. Plans obtainable from City Eng. E. G. Hunt, at Aberdeen or from M. M. Caldwell, consulting engineer, Central Bldg Seattle.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by E. M. Kay, County Clerk, to re-erect Miranda bridge. A. J. Logan, county surveyor.

SAN DIEGO, Cal.—Bids to construct bridge across San Diego river at Old Town will be advertised in about two weeks, according to City Mgr. F. H. Rhodes. Est. cost, \$70,000.

LASSEN COUNTY, Calif.—Until Aug. 18, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. 35-ft. conc. bridge across Robbers Creek, a 90-ft. comb. wood and conc. trestle Baxter Creek and a 150-ft. comb. wood & conc. trestle across Long Valley Creek in Lassen county. R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 10 a. m., July 28, new bids will be rec. by Ed. Pub. Wks. to const. bridge across Santa Ynez Creek on Malibu Rd., near Marquette Ave. This will be a one-span conc. girder bridge, 30 ft. long, with a 30-ft. and a 150-ft. comb. wood & conc. trestle on each side; est. cost, \$15,000. Previous bids were rejected.

SACRAMENTO, Cal.—County Engineer Chas. W. Detering, Jr., instructed to prepare spec. for conc. bridge over Arcade creek, near Diggs ranch.

SAN JOSE, Santa Clara Co., Cal.—County supervisors rescind contract awarded to DeCola and Weldon to construct rein. conc. bridge on Brokaw road over Guadalupe creek and award contract to Rocca and Caletti, San Rafael, on a bid of \$13,435. DeCola and Weldon claimed error in bid.

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E. D. BULLARD

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San Francisco, Calif.

Douglas 6320

DREDGING, HARBOR WORKS AND EXCAVATIONS

ASTORIA, Ore.—Bids will be asked shortly by city council for street improvement and reclamation project including imp. of Taylor Ave. and West Blvd St., from ft. of Uniontown hill to connection with present end of Taylor Ave. Will involv. const. of bulkhead, 4000 ft. long requiring removal of 950,000 cu. yds. of material. The work will be undertaken in three contracts, bulkhead & rip-rap, est. cost \$115,000; making fill, \$124,000. Total \$239,000. It is expected will be opened about August 4.

SANTA BARBARA, Cal.—Plans for \$775,000 harbor improvement project have been approved by the city council and an election date will be set within the next few days. The plans were prepared by City Mgr. Hunn and City Eng. George D. Morrison. Leeds & Barnard, Los Angeles, consulting engineers.

MIAMI, Ariz.—Inspiration Consolidated Copper Co., Thos. H. O'Brien, gen. mgr., Inspiration, taking bids for excavation, 120,000 cu. yds. of material, mostly rock, for new leaching plant.

IRRIGATION PROJECTS

MESA, Ariz.—Auxiliary Eastern Irrigation Dist. has ratified sale of \$2,000,000 bond issue to Jasper-Stacy Co., of San Francisco. The bond issue will construct works necessary for putting the lands of dist. under cultivation.

TURLOCK, Stanislaus Co., Cal.—Delegates of ranchers fronting land on Lateral 5½ petition directors of Turlock Irrigation District to cement line that lateral. Taken under advisement.

PHOENIX, Ariz.—An irrigation dist., comprising 4,000 acres of land directly west of the Agua Fria river is being formed under direction of T. M. Burroughs, 31 N First Ave., Phoenix. The property proposed for cultivation runs north to join the Marinette dist. on the west. Wells are to be installed in various locations throughout the district.

CALIFORNIA—Following is a partial list of applications for permits to appropriate water, filed with the State Department of Public Works, Division of Water Rights, during the month of June: (Edw. Hyatt, Jr., Acting Chief of Division of Water Rights):

Application No. 4010 (Placer and Nevada Counties) Bear River Water and Power Company, Auburn, Calif., for 250 cu. ft. per sec. and 100,000 ac. ft. per annum from Bear River for generation of electricity, 42,994 theoretical horsepower to be developed.

App. No. 4011 (Placer and Nevada Counties) Bear River Water and Power Co., Auburn, Cal., for 250 cu. ft. per sec. and 100,000 ac. ft. per annum from Bear River for irrigation of 200,000 acres of Placer Irrigation District.

App 4012 (Mendocino Co.) Joseph W. Gross, Sacramento, Cal., for 62.5 cu. ft. per sec. from East Fork Russian River for irrigation of 5000 acres.

App. 4014 (Los Angeles Co.) Rubio Canon Land and Water Association and Las Flores Water Company, Altadena, Calif., for 30 cu. ft. per sec. and 10,000 ac. ft. per annum from San Gabriel River for domestic use on 3200 acres comprising unincorporated territory called Altadena. Water to be impounded in Los Angeles Flood Control District San Gabriel Reservoir.

App. 4015 (Siskiyou County) Roxbury Gold Mines, Inc., Scott Bar, Cal., for 125

cu. ft. per sec. from Canyon Creek and Kelsey Creek for hydraulic mining. Est. cost \$100.

App. 4036 (Imperial Co.) Frank H. Long, Pasadena, Calif., for .05 cu. ft. per sec. from Gaulter spring for mining and domestic purposes. Est. cost \$1000.

App. 4037 (Imperial Co.) R. Burton Jones, Vallejo, Cal., for 1.73 cu. ft. per sec. from Little Iowa Creek for domestic purposes and irrigation of 139 acres. Est. cost \$1000.

App. 4038 (Alpine County) Richard Helms, et al., Woodford, Cal., for 22.5 cu. ft. per annum from Forestdale Creek, Upper Faith Creek and two unnamed gulches, for irrigation of 929.6 acres. Est. cost \$1000.

App. 4039 (Santa Barbara Co.) A. Lehman, San Francisco, Cal., for % cu. ft. per sec. from Santa Ynez River for irrigation of 50 acres. Est. cost \$1000.

App. 4040 (Ventura Co.) Servates C. Hill, Gorman, Cal., for 2.5 M. ft. from unnamed spring for domestic purposes and irrigation of 2 acres. Est. cost \$1000.

App. 4041 (Los Angeles Co.) C. F. Cock and E. E. Woodley, Los Angeles, Cal., for 6000 cu. ft. per annum from San Gabriel River, for agricultural and domestic purposes in San Gabriel Basin. Est. cost \$25,000,000.

App. 4042 (Los Angeles Co.) Wm. L. Hedges, Valverme, Cal., for 50 M. ft. from Boulder Creek for irrigation of 400 acres. Est. cost \$8000.

App. 4043 (Los Angeles Co.) City of Arcadia, Arcadia, Cal., for 3 cu. ft. per sec. and 8000 ac. ft. per annum from Big Santa Anita Creek for municipal purposes for Arcadia. Est. cost \$800,000.

App. 4044 (Los Angeles Co.) W. F. Sandcock and W. C. Wickenden, Colton, Cal., for .045 cu. ft. per sec. from Triunfo Creek, for domestic use. Est. cost \$5000.

App. 4045 (Los Angeles Co.) Joseph Gross, Saugus, Cal., for 1 cu. ft. per sec. from underground source for domestic purposes and irrigation of 40 acres. Est. cost \$1000.

App. 4046 (Sonoma Co.) C. E. Jones, Santa Rosa, Cal., for 1 cu. ft. per sec. from Santa Rosa Creek, for irrigation of 65 acres. Est. cost \$1200.

App. 4047 (Santa Barbara Co.) Ortega Mutual Water Company, Santa Barbara, Cal., for 3 cu. ft. per sec. and 200 ac. ft. per annum from Oil Canyon surface and subsurface for domestic purposes and irrigation of 240 acres of Pueblo Lands, Santa Barbara, Cal.

App. 4048 (Los Angeles Co.) City of Monrovia, Monrovia, Cal., for 1000 ac. ft. per annum from Sawpit or Monrovia Canyon for municipal purposes for City of Monrovia. Est. cost \$225,000.

App. 4049 (Los Angeles Co.) City of Monrovia, Monrovia, Cal., for 6000 ac. ft. per annum from San Gabriel River for municipal purposes in City of Monrovia. Est. cost \$25,000,000.

App. 4050 (San Bernardino Co.) Chas. L. Wright, Los Angeles, Cal., for 4 cu. ft. per sec. from Mojave River for irrigation of 320 acres. Est. cost \$8000.

App. 4051 (Riverside Co.) City of Los Angeles Board of Public Service Commissioners, for 1500 cu. ft. per sec. from Colorado River for municipal purposes.

App. 4052 (Eldorado Co.) Eldorado Power Co., San Francisco, Cal., for 250 cu. ft. per sec. and 7500 ac. ft. per annum from Silver Fork, for generation of electricity and for irrigation. City to be developed. Est. cost \$3,659,000.

App. 4053 (Los Angeles Co.) City of Sierra Madre, Sierra Madre, Cal., for 4 cu. ft. per sec. and 2000 ac. ft. per annum from Santa Anita Creek for municipal purposes. Est. cost \$585,000.

App. 4054 (Los Angeles Co.) City of Sierra Madre, Sierra Madre, Cal., for 4 cu. ft. per sec. and 2000 ac. ft. per annum from San Gabriel River, for municipal purposes. Est. cost \$25,000,000.

App. 4055 (Los Angeles Co.) H. Sandberg, Sandberg, Cal., for .075 cu. ft. per sec. from springs for domestic purposes at hotel and garage in said section. Est. cost \$3000.

PERMITS

Following is a partial list of permits granted by the Division of Water Rights during the month of June:

Permit No. 174 (Lake Co.) Issued to W. F. Detert, San Francisco, 6.25 cu. ft. per sec. and 1100 ac. ft. per annum from Bucksnot Creek for irrigation of 500 acres in Guenoc Rancho. Est. cost \$100,000.

Permit 1748 (Imperial Co.) L. Garlock, San Diego, Cal., 0.002 cu. ft. per sec.

from Boulder Spring for domestic and irrigation of 1 acre. Est. cost \$2000.

Permit 1749 (Stanislaus Co.) Oakdale Irrigation District, Oakdale, Cal., 20 cu. ft. per sec. from Stanislaus River for irrigation of 2700 acres in Oakdale Irrigation District. Est. cost \$5000.

Permit 1751 (San Diego Co.) Harry Wm. Maddux, Escondido, Cal., 200 ac. ft. per annum from Jane Canyon for domestic use and irrigation of 63,22 acres. Est. cost \$200,000.

Permit 1752 (San Joaquin Co.) Santa Carbone Irrigation District, Tracy, Cal., 178.69 cu. ft. per sec. from San Joaquin River for irrigation of 14,375 acres. Est. cost \$705,000.

Permit 1753 (San Joaquin Co.) Herman F. Strecker, Stockton, Cal., for 7.48 cu. ft. per sec. from San Joaquin River for irrigation of 598.62 acres. Est. cost \$5000.

Permit 1754 (San Bernardino Co.) B. G. Holmes, Pine Knot, Cal., for 0.05 cu. ft. per sec. from Boulder Creek and Cienega for domestic use. Est. cost \$3500.

Permit 1755 (San Joaquin Co.) Fred Witt, Stockton, 1 cu. ft. per sec. from San Joaquin River for irrigation of 100 acres in Butano Creek. Est. cost \$500.

Permit 1756 (San Bernardino Co.) Oliver Cutts, San Diego, 0.25 cu. ft. per sec. from spring for mining purposes. Est. cost \$1000.

Permit 1757 (San Mateo Co.) Peninsula Farms Company, Pescadero, Cal., for 1000 ac. ft. per annum from Little Gato Creek for irrigation of 2400 acres specified under permit 1757. Est. cost \$15,000 for diversions.

Permit 1758 (San Mateo Co.) Peninsula Farms Co., Pescadero 2000 ac. ft. per annum from Gato Creek for irrigation of 2400 acres specified under permit 1757. Est. cost \$15,000 for diversions.

Permit 1759 (San Mateo Co.) Peninsula Farms Co., for 1000 ac. ft. per annum from Little Gato Creek for irrigation of 2400 acres specified under permit 1757. Est. cost \$1000.

Permit 1760 (Mono Co.) Elsie Magmer Mines Co., Reno, Nevada, 0.5 cu. ft. per sec. from Sally Dogan Creek for mining and domestic purposes. Est. cost \$5000.

HANFORD, Kings Co., Cal.—Group of property owners in Kings county petition the county supervisors for organization of irrigation dist. to be known as Lucerne Irrigation Dist. The proposed dist. would consist of a system of irrigation works on the Kings river, including reservoirs, pumping plants, canals, etc.

FRESNO, Fresno Co., Cal.—Pine Flat Water Storage and Power Project has been approved by State Engr. W. F. McClure and state irrigation board. There were no objections to proposed plan and prel. survey ordered. The engineering work is to be handled by a board of engrs., with George L. Swendsen as chairman. Swendsen states that project comprises 12 irrigation districts in Tulare, Fresno and Kings counties, and involves the construction of a storage reservoir at Pine Flat, near Piedra. The objects are to stabilize the flow of the Kings river, to make it serve more efficiently, and to hold overflood waters which are not now appropriated on Kings river. The reservoir site has been surveyed and it has been officially determined that a dam 230 ft. high, capable of storing 600,000 acre feet is necessary. Districts already linked with the project total 850,000 acres with 150,000 acres not yet organized. Sessions were adjourned until Oct. 15, when further details will be given consideration. W. P. Boone, the other member of the irrigation board, is chairman of the executive committee of the Pine Flat project.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—City council orders const. of lighting systems in: Alvarado St., bet. 6th and Hoover Sts., 102 pressed steel posts, etc.

First St., bet. Soto St. and Boyle Ave., 65 pressed steel posts, etc.

Cahuenga Ave., bet. Highland Ave. and Hollywood Blvd., 84 pressed steel posts.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 4, bids will be rec. by Bd. Pub. Wks. to const. orn. lighting system complete in the following streets:

First St., bet. Soto St. and Boyle Ave., 65 pressed steel posts.

Cahuenga Ave., bet. Highland Ave. and Hollywood Blvd., 84 pressed steel posts.

Atwater Ave., bet. Silver Lake Blvd. and Verdugo Blvd., 61 conc. posts.

Glenmore Ave., bet. Hollywood Blvd. and Middlebury St., 136 pressed steel posts.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, will provide \$22,500 in budget to finance installation of underground conduit and connections between poles for Lake Merritt lighting system. Standards are estimated to cost bet. \$85 and \$100 each; will be 3 1/2 ft. high with single "bowl like" globe. About 206 standards will be installed.

NAPA, Napa Co., Cal.—City Council, H. H. Thompson, clerk, declare intent. to install 153 Arcadian c. i. street lighting standards with globes, wiring, etc., in portions of Brown, Main, Soscol, 3rd, 2nd, 1st, Clay and Pearl Sts., 1911 Act. Protests Aug. 4, H. A. Harold, city eng. (Est. cost, \$31,000).

CULVER CITY, Cal.—Harry H. Culver leads movement to have orn. light system installed on Main St., bet. Washington Blvd. and the Pac. Elec. tracks.

LOS ANGELES, Cal.—Council orders const. of orn. lighting system complete in Broad Ave., bet. Anaheim and E 8th, involving 65 conc. posts; 1911 act.

LONG BEACH, Cal.—City council plans to const. orn. lighting system on Broadway, bet. Ocean Park and Alamitos Ave.

CORONADO, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, awarded const. by city trustees at \$4598 to const. ornamental lighting system in Orange Ave.

MACHINERY & EQUIPMENT

HANFORD, Kings Co., Cal. — Until Aug. 11, 8 p. m., bids will be rec. by Geo. H. Rogers, acting clerk, Hanford Joint Union High School District, to fur. one gasoline motor bus chassis and body for same, or one gasoline motor bus complete with carrying capacity of 36 pupils. Further information obtainable from clerk.

SALINAS, Monterey Co., Cal.—Until Aug. 14, 7.30 P. M., bids will be rec. by Frank S. Clark, Clerk, Salinas High School District, to fur. 2 model 15 1/2-ton White chassis, complete with electric lights, starter, etc., or for two other chassis of equal size and weight, price to be f. o. b. Salinas. Separate bids same date, to fur. 2 model "A" Eagle Safety School Buses, each with capacity of 25 students or for busses of equal capacity, price to be f. o. b. Salinas.

HANFORD, Kings Co., Cal. — Until Aug. 11, 8 p. m., bids will be rec. by Hanford Union High School District, for fur. tools and machinery for shop departments. Further information obtainable from clerk of dist.

FREEMONT, Sacramento Co., Cal. — Until Aug. 6, 8 p. m., bids will be rec. by A. G. Franklin, clerk, Freemont School District to fur. school bus with seating capacity of 20 pupils, ranging from one ton to one and one half ton chassis. Further information obtainable from clerk.

MERCED, Merced Co., Cal. — Until July 30, 8 p. m., bids will be rec. by H. K. Landram, clerk, Merced Union High School District, to fur. and del. one Ford school bus, for use of Livingston branch of union high school. Further information obtainable from clerk.

SEATTLE, Wash.—Until Aug. 15, 10 a. m., bids will be rec. by secy. Bd. of Public Works, to fur. not less than 75 and not more than 125 street railway cars. Cert. check 5% req. with bid. Spec. obtainable from C. B. Bagley, secy.

OAKLAND, Cal.—Until July 24, 11:30 a. m., bids will be rec. by E. K. Sturgis, city clerk, to fur. 60 h. p. caterpillar tractor. Bond of \$1500 req. of successful bidder. Blanks for bidings obtainable from city clerk. W. W. Harmon, city engineer.

RAILROADS

HAYWARD, Alameda Co., Cal.—Key System Transit Co., Oakland, will double track line in East 14th St. bet. Ashland and Hayward streets.

PHOENIX, Ariz.—William Sproule, pres. of the So. Pac. Ry., announces const. will start on new Phoenix main line road as soon as Interstate Commerce Commission grants application of the company made in the name of the Arizona Eastern Ry. The line will be built from Picacho to Chandler, 50 mi., and from Hasayampa to Dome, 15 mi., with a branch from Gila river to Florence, 7 mi. in length. The new line will run along the San Carlos Irrigation project serving the Casa Grande valley. Two years after the start the So. Pac. will possess a double track line from El Paso to Yuma, via Phoenix, 565 miles.

SEATTLE, Wash.—Until Aug. 15, 10 a. m., bids will be rec. by Secy. Board of Public Works, to fur. not less than 75 and not more than 125 street railway cars. Cert. check 5% req. with bid. Spec. obtainable from C. B. Bagley, secretary.

FIRE ALARM SYSTEMS

SALINAS, Monterey Co., Cal.—See "Public Buildings," this issue. Bids wanted for lurgial alarm system.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to fur. combination fire and police box stands were: Commercial Iron Wks., item 4, 500 base castings, \$4537; Lecheton Iron & Steel Wks., Inc., \$19.20 per cent for (2) 550 head castings; (3) 550 pieces steel tubing; (4) 550 base castings.

BUREKA, Humboldt Co., Cal.—County supervisors plan to install burglar alarm system in county courthouse. Fred M. Kay is county clerk.

SAN BERNARDINO, Cal.—See "Fire Equipment," this issue. Committee to investigate for bond issue.

FIRE EQUIPMENT

OAKLAND, Cal.—Until July 31, 4 P. M., bids will be rec. by Kay B. Nash, Sec'y., Playground Commission, to fur. hose for Recreation Department. Cert. check 10% req. with bid. Bond of \$200 req. of successful bidder. Further information obtainable from secretary.

MONROVIA, Cal.—Until Aug. 4, bids will be rec. by city trustees for purchase of fire truck, including special equipment, for general city use. Spec. on file at office of city clerk, Lewis P. Black.

SAN BERNARDINO, Cal.—Lawrence T. Platt appointed chairman of special Cham. of Com. committee which will make survey of present fire protection facilities. It is proposed to hold \$100,000 bond election to provide branch stations, modern apparatus and additional alarm boxes.

RESERVOIRS AND DAMS

CALIFORNIA—See "Power Plants," this issue.

PHOENIX, Ariz.—A meeting of share holders of Salt River Valley Water Users' Assn. will be held July 26, to approve financing of const. of Horse Mesa Dam. Const. of this dam has been assured by ratification of power contract bet. the association and the Inspiration Copper Co. and its subsidiary companies, which provides for the pur-

chase of a minimum of \$565,000 worth of power annually by the mining company. The dam will have a capacity of 300,000 acre ft. and will develop 40,000 h. p. The est. cost of the Horse Mesa project is \$4,000,000. This project is located on the Salt River at Horse Mesa, between the Roosevelt and Mormon Flat dams. C. C. Cragin is supt. of the Water Users' Assn. and F. A. Reid is president.

MONTECITO, Cal.—Until 10 a. m., Aug. 1, bids will be rec. by Montecito County Water District to excav. and const. reinf. conc. reservoir known as the Bohin Reservoir, involv. the following approx. quantities: 1102 cu. yds. rock excav.; 3305 cu. yds. earth excav.; 50 tons reinf. steel; 4900 sq. ft. (one ton) wire mesh; 60 cu. yds. crushed rock; 300 bbls. sand; 1050 bbls. cement; 210 tons hauling; 700 cu. yds. of placing; 20,680 ft. board measure form lumber; 11,366 ft. board measure roof lumber. Also cement, overflow pipe, tile drain, wire screen, nails, bolts, roofing paper, approx. 25 tons hauling. Spec. obtainable from office of the dist. or office of Leeds & Barnard, consulting engrs., 704 central Bldg., Los Angeles Deposit 35.

SAN DIEGO, Cal.—J. W. Williams, city consulting engr., prepares estimates of cost for dam at El Capitán site, which he states is only suitable point for a dam on San Diego river. His proposal is for a dam 122 ft. high of solid concrete constant angle arch type to hold 10,600,000 gals., costing \$1,320,000, of such construction that it could be easily raised to 200 ft. at a total cost of \$3,990,000, with an ultimate capacity of 40 bill. gals. A pipe mate capacity of 40 bill. gals. A pipe mate of 35-in. steel pipe, costing \$1,100,000 would connect with the city distributing system.

PIPE LINES, WELLS, ETC.

MONROVIA, Cal.—Crane Co., 819 E 3rd St., Los Angeles, awarded cont. by city trustees at \$57.45 per acre (less 2% disc.) for 3500 ft. 4-in. std. dipped screw pipe. Other bids were: Pac. Pipe and Supply Co., \$58.90, less 2%; N. O. Nelson Mfg. Co., \$60; Associated Supply Co., \$59.65; Haldeman, \$61.70; Mark-Lally Co., \$63.25; not dipped; \$66.25 less 2% dipped; alternates, \$54 and \$57, dipped \$59.75. H. S. Gierlich, Am. Natl. Bank, Monrovia, city engineer.

Lacy Mfg. Co., Washington Bldg., Los Angeles, awarded cont. at \$3380.55 for pipe and fittings for Mayflower Ave. Work involves 4000 ft. 8-in. riv. steel pipe; one 8-in. R. S. 90 deg. ell; one 8x8 R. S. 4x4 std. scwy cross; one 14x 8x8 R. S. tee; one 8x8 R. S. tee; one 8x8 R. S. tee; 18 8x8 R. S. 4 S tee; one 8-in. R. S. tee, 3 ends flanged; eight 8-in. R. S. stub flanged female end; eight 8-in. R. S. stub flanged male end; delivery 10 days. Other bids were: Baker Iron Works, \$3762.01; Western Pipe & Steel Co., \$4010.05. H. S. Gierlich, Am. Natl. Bank Bldg., Monrovia, city engr.

LOS ANGELES, Cal.—Crane Co., 819 E 3rd St., was awarded cont. by public service comm. at \$17.00 per ft. for 30,000 ft. 2-in. wrought steel pipe under spec. W-267. Bids noted issue July 11. Low bid at \$11.95 for second-hand pipe.

LOS ANGELES, Cal.—Busch Pipe and Supply Co., 1005 Mateo St., submitted low bid to public service comm. for fur. 85,000 ft. ¾-in. galv. wrought steel pipe at \$6.44 per C ft. and 1000 3-in. pipe at \$41.22 per C ft. Other bids were: Associated Pipe & Supply Co., \$6.60 and \$41.76; Grinnell Co., \$6.94 and \$44.59; Republic Supply Co., \$6.50 and \$41.81; N. O. Nelson Mfg. Co., \$6.43 and \$43.31; Cal. Hdwr. Co., \$6.64 and \$42.80; Crane Co., \$6.61 and \$42.45; Mark-Lally Co., \$6.70 and \$42.55.

LOS ANGELES, Cal.—American Steel Pipe & Tank Co., 113 West 9th St., submitted low bid to public service comm. at \$2185 to fur. under spec. 724-C 150 joints No. 8 gauge double stove pipe well casing (75 in. and 75 outside joints); Union Tank and Pipe Co. bid \$2379.

HAWTHORNE, Cal.—Pipe contracts amounting to \$44,915.57 for waterworks system were awarded by the city trustees as follows:

Natural Gas Iron Pipe Co.—10,300 ft. 6-in. pipe at \$2.23c ft.
Grinnell Co.—1350 12-in. cast iron pipe at \$2.88 ft.; 800 ft. 10-in. pipe at \$2.17 ft.; 4700 ft. 8-in. pipe at \$1.43 ft.; 22,000 ft. 4-in. pipe at 72c ft.; gate valves, 1028.70; 2350 ft. 6-in. pipe at \$1.04 ft.

Pacific Pipe & Supply Co.—7000 ft. ¾-in. std. screw pipe at 6.45c ft.; 3000 2-in. std. black pipe at 17.77c ft.; 15,000 ft. 2-in. std. black pipe at 17.77c ft.; miscellaneous box covers, 108.

Olmsted & Gillelen, 1113 Hollingsworth bldg., Los Angeles, consulting engineers.

SAN FRANCISCO—Until Aug. 20, 3 p. m., bids will be received by Board of Public Works to construct submarine pipe lines at Dumbarton Strait and Newark Slough in Bay Crossing Division of the Hetch Hetchy Aqueduct, under Contract No. 105, bond of 20% of contract price to be required of the successful bidder. The project will involve:

7500 cu. yds. excavation between shore lines in Newark Slough.
65,000 cu. yds. excavation between shore lines in Dumbarton Strait.
100 cu. yds. excavation on land.
3000 cu. yds. broken rock and sand filling.

3000 lin. ft. furnish untreated piles.
2000 lin. ft. furnish creosoted piles.

Driving 50 piles by means of floating equipment.

Driving 20 piles where floating equipment cannot be used.

Cutting off 60 piles below elevation four feet below zero.

2 M ft. B.M. lumber placed above 41 ft. below zero.

10 M ft. B.M. lumber placed below 4-ft. above zero.

1400 lbs. bolts, nuts, drift bolts and washers.

Laying 408 lin. ft. Newark Slough submarine pipe line.

Laying 2777 lin. ft. Dumbarton Strait submarine pipe line.

Make wyes and end connection at Dumbarton Strait.

Install 50,000 lbs. metal work furnished by city.

1500 cu. yds. coating metal work furnished by city.

Plans and specifications for this work are obtainable from the Bureau of Engineering, Department of Public Works, City Hall.

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SEATTLE, Wash.—Board of Public Works adopts ordinance authorizing replacement of wooden pipe line No. 2 with steel pipe, 48-in. in dia., in 28th St. ave., bet. Rust Pl. and Prospect St. Est. cost \$210,000.

SEWAGE DISPOSAL PLANTS

TULARE, Tulare Co., Cal. — City votes bonds of \$130,000 to finance construction of sewage system.

PORTERVILLE, Tulare Co., Cal.—Curry Engineering Co., Alhambra, commissioned by city council to prepare spec. for sewer improvements as recommended by State Dept. of Health, including const. of circular tanks, sand dredges and other sewage handling equipment.

PASADENA, Cal.—City of Pasadena board of directors apply to state board of health to increase capacity of tricity sewage disposal works, which now serves Pasadena, Alhambra and South Pasadena. A 50% capacity increase is asked.

WHITTIER, Cal.—Until 7:30 p. m., Aug. 4, bids will be rec. by city trustees to complete sewage disposal works. Spec. obtainable from Black & Veatch, consulting engrs., 200 Van Bldg on deposit of \$25. Cert. check \$5000.

MISCELLANEOUS CONSTRUCTION

SAN FERNANDO, Cal.—Clarke Rock & Gravel Co., 3325 San Fernando Rd., has permit to build gravel storage plant on McBroom Ave., near Wheatland. Mutter Bros., 618 Melville St., San Gabriel, are the builders.

SAN MATEO, San Mateo Co., Cal.—The San Mateo-Burlingame Exchange Club has had report prepared covering the proposed construction of a concrete lined tunnel, 4000 ft. in length, for automobile and railroad traffic, through San Morena Mountain to provide accommodations to develop the coastline of San Mateo county. The project is estimated to cost \$1,051,200. The report was prepared by John L. DeBenedetti, Gilbert D. Ferrell, A. L. Offend, and Edwin Warner, engineer. A copy of the report has been forwarded to the San Mateo county supervisors and various civic organizations. It is proposed to float a county bond issue to finance construction.

WATER WORKS

BAKERSFIELD, Kern Co., Cal.—Sept 4 is date set in Bakersfield Water District to vote bonds of \$1,500,000 to purchase plants of East Bakersfield Water Co. and Electric Water Co., leaving approximately \$600,000 for improvements on both systems. O. A. Stone, engineer, compiled data necessary to extend systems.

COVINA, Cal.—Bids rejected by city trustees for one multi-stage deep well turbine centrifugal pump, 440-volt motor plant at school grounds. Spec. obtainable from Principal at school. A. W. Graves, chairman of School Board.

YUBA CITY, Sutter Co., Cal.—Until Aug. 2, 10 a. m., bids will be rec. by Sutter Union High School District to fur. and install complete pumping plant at school grounds. Spec. obtainable from Principal at school. A. W. Graves, chairman of School Board.

SANTA MONICA, Cal.—Elrod Engineering Co., Mills-Fraser Bldg., Santa Monica, completing plans for pump house, sump, and pumping machinery for sewerage system at Charnock Rd. Pumping Plant, Santa Monica; pump house will probably be brick const. The sump will be reinforced concrete and machinery will include deep well and booster pumps, all electrically operated.

LOS ANGELES, Cal.—Contracts for pumping units awarded by public service comm. were:

Pacific Pump Wks., two pumps at \$1454 each.
Frank J. Kimball Co., two pumps at \$2409 each.
Byron Jackson Pump Mfg. Co., 2 pumps at \$1590 each.

The above contracts gave the commission an option for 4 months to purchase 2 additional pumps at the above prices.

COVINA, Cal.—Until 8 p. m., Aug. 4, bids will be rec. by city trustees for fur. centrifugal booster pump of sufficient capacity to lift 540 gal. of water per min. through pumping through about 8000 ft. of pipe-line, and having a lift of about 115 ft.; also one centrifugal booster pump of sufficient capacity to pump 600 gals. of water per minute at 50 lb. pressure through sprinker system; also a motor fitted to take the energy from the So. Cal. Edison Co.'s system, of sufficient capacity to operate both of above pumps. Spec. to be furnished with bids. Cert. check 10% John C. Hutchinson, city clerk.

HOME GARDENS, Cal.—Property owner of Southgate, Tweedy Park, Wawona Park, Magnolia Park, comprising about 40,000 acres, co-operating to establish water dist. and const. waterworks system. It is probable that a bond election will be called.

ALHAMBRA, Cal.—Fairbanks-Morse & Co., Los Angeles, awarded contr. by city comm. at \$4805 for three new booster pumps at the Garfield and Marango reservoirs.

YUMA, Ariz.—Until 2 p. m., Aug. 4, bids will be rec. by supervisors for removal and reconstr. Ft. Yuma pumping plant and the Ft. Yuma garage. Spec. on file at office of C. G. Mousseau, clerk.

BOLINAS, Marin Co., Cal.—Citizens of Bolinas contemplate construction of water system, taking waters from Rio Honda Creek north of Bolinas. Est. cost \$30,000.

VALLEJO, Solano Co., Cal.—A. Kempke, consulting engineer, Hobart Bldg., San Francisco has been appointed chief engineer for the Gordon Valley water project for the city of Vallejo, succeeding C. E. Grunsky, resigned.

SANTA ANA, Cal.—Until 11 a. m., Aug. 5 bids will be rec. by Orange County Waterworks Dist. No. 2 for one 1000-bbl. iron storage tank, erected and properly covered, ready to connect, at the wells of the Orange County waterworks Dist. No. 2 at Buena Park, Orange county. L. Wayne McCollum, Wicksham Bldg., Fullerton, engr. Cert. check or bond \$5. J. M. Backs, clerk.

OAKLAND, Cal.—East Bay Water Co. 512 16th St., Oakland, will expend \$1,707,000 in installation of water mains ranging from 6-in. to 20-in. dia. in the East Bay District to provide adequate fire protection. Permission to proceed with the work has been granted by the State Railroad Commission. Mains are to be laid as follows: Oakland, 190,735 ft. at a cost of \$690,000; Alameda, 37,700 ft. \$119,000; Richmond, 84,350 ft. \$303,000; Emeryville, 4620 ft. \$13,000; Piedmont, 15,165 ft. \$39,000; San Leandro, 19,340 \$52,000; Berkeley, 148,835 ft. \$471,000.

MARYSVILLE, Yuba Co., Cal.—Byron Jackson Co., at \$1400 submits low bid to council to fur. and install pump at Ellis Lake. Other bids, taken under advisement, were: B. D. Peltor, Sons Co., \$1486; Geo. Roberts Co., \$1920.

TAFT, Kern Co., Cal.—Until 7:30 p. m., Aug. 5 bids will be rec. by Conley School Dist. to fur. and install 2070 lin. ft. of fire main and fire hydrants. Cert. or cash check or bidder's bond for 10%. J. C. Ramsey, clerk.

LOS ANGELES, Cal.—Thomas Haverly Co., 8th and Maple Sts., submitted low bid to supervisors to const. piping etc., and hydrants for additional fire protection at County Farm, at the following prices: A, \$12,875; B, \$13,290, using cast iron fire hydrants.

FULLERTON, Orange Co., Cal.—Arch. Carleton M. Winslow, 921 Van Nuys Bldg., is preparing plans for an swimming tank, to be erected at the Fullerton high school site, for the Fullerton Union High School District. The tank will be 100x40 ft. and will be from 9 1/2 ft. to 3 1/2 ft. deep; reinf. conc. const., white portland cement finish, filtration sys., water htr., pumping plant, etc.

BERKELEY, Alameda Co., Cal.—City council plans purchase of 198 fire hydrants. E. M. Hann, city clerk.

PLAYGROUNDS AND PARKS

MADERA, Madera Co., Cal.—Until Aug. 1, 2:30 p. m., bids will be rec. by H. C. Austin, clerk Madera School District, to fur. 3 sets stationary circular travel rings, No. A-301, complete with 4-in. by 16-ft. galv. pipe, Patterson Williams goods, for installation in playgrounds at school. Further information obtainable from clerk.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Edwards Ave., bet. 1st and Orchard sts., involv. grade and pave with 1 1/2-in. Warrentite-Bit surface on 3-in. bituminous conc. base; hyd. conc. conc. curb, gutter, walks, storm water inlets; 8-in. vit. pipe, drains. 1911 Act & Bond Act 1915. Protests Aug. 4. Wm. Popp, city engr.

POMONA, Cal.—Until 12 m., Aug. 5, bids will be rec. by city council for sewer pipe to conform with the requirements of the city of Los Angeles Spec. 123, as follows: 2674 ft. 20-in., 3800 ft. 21-in., 4126 ft. 22-in., 15,548 ft. 24-in. vit. or cem. conc. pipe. Cert. chk. or bond 10% T. R. Trotter, city clerk. F. C. Froehde, city engr.

HAWTHORNE, Cal.—Until 8 p. m., Aug. 11, bids will be rec. by city trustees to imp. Delaware Ave., involv. grading complete (approx. 2555 lin. ft.), 3352 lin. ft. curb; 16,887 sq. ft. 4-in. walk; 9094 sq. ft. 5-in. gutter; 94,139 sq. ft. 1 1/2-in. Willite surface on 2 1/2-in. asph. conc. base; ghting; 2-in. cem. complete (27 single light standards).

BUREBANK, Cal.—City trustees adopt resolution to pave Burbank's section of Victory highway, abut 1 1/2 mi., with 6-in. concrete pavement, 24 ft. wide, including laying of water mains. Res. also adopted to imp. portions of Alameda Ave., Reese Pl., Sparks St., Beachwood Dr., Grifth Park Pl., Mariposa St. and Parkside Ave.

REDWOOD CITY, San Mateo Co., Cal.—Until Aug. 4, 10 A. M., bids will be rec. by Eliz. M. Kneese, county clerk, to imp. San Bruno Rd., bet. Mission Rd. in Daly City and Market St. in Colma, involv. 154,500 sq. ft. water-bound macadam pavement; 5800 lin. ft. r. w. curb; 23,250 sq. ft. rock gutters; 2 catch basins; 32 lin. ft. 12-in. conc. curb; 18-in. vit. pipe; 1 culvert inlet; 30 lin. ft. 12-in. conc. pipe culvert. Plans obtainable from Geo. Kneese, county surveyor.

OAKLAND, Cal.—Until July 31, 11 A. M., bids will be rec. by Eugene K. Sturges, city clerk, to imp. 2nd St., bet. Alice and Oak Sts., involv. 40,050 sq. ft. grading; 1720 lin. ft. conc. curb; 1800 sq. ft. conc. gutter; 38,250 sq. ft. 6-in. Port. cem. conc. base with 2-in. Warrentite-bit. wearing surface. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

MONTEREY, Monterey Co., Cal.—City Council, A. J. Mason, City Clerk, declares inten. (No. 1927) to imp. Futur St., bet. Alvarado and Pacific Sts., involv. grading; pave with 3 1/2-in. asph. conc. base and 1 1/2-in. asph. conc. surface; conc. curbs, gutters and walks; 6-in. vit. pipe sewer with 22-in. vit. drainage; inspection hole underground conduit system 1 1/2-in. dia. 1911 Act and Bond Act 1915. Protests Aug. 5. H. D. Severance, city engineer.

OAKLAND, Cal.—Until July 31, 11:30 A. M., bids will be rec. by Eugene K. Sturges, city clerk, to const. sewer, manholes and lamphole and wire branches in portion of Orchard St. 1911 Act. Cert. check 10% payable to city reg. W. W. Harmon, city engineer.

FORT BRAGG, Mendocino Co., Cal.—Until July 31, 8 P. M., bids will be rec. by J. O. Connor, city clerk, to imp. various streets, involv. 188,204 sq. ft. surface grading; 195,356 sq. ft. 3 1/2-in. and 23,000 sq. ft. 2-in. asph. conc. pavement; 150 tons asph. conc. for leveling; base under 2-in. pavement; 1754 lin. ft. conc. curb; 428 lin. ft. 10-in. and 102 lin. ft. 12-in. segmental culvert; 144 lin. ft. corr. iron culvert; 240 cu. ft. conc. in headwalls and aprons; culvert manholes. 1911 Act and Bond Act 1915. C. C. Kennedy, consulting eng., Call Bldg., San Francisco.

OAKLAND, Cal.—Until July 31, 11:30 A. M., bids will be rec. by Eugene K. Sturges, city clerk, to imp. portions of Keyes Ave., bet. 55th and Birdsall Aves. and portion of 55th Ave. adjacent to Keyes Ave., involv. grade paving, const. curbs, gutters and walks, culverts, storm water drains. 1911 Act. Cert. check 10% payable to city reg. W. W. Harmon, city engineer.

INGLEWOOD, Cal.—Until 8 p. m., July 28, bids will be rec. by city trustees to imp. Hawthorne St., Edgewood St., Warren Lane and Ivy Ave., involv. 240,739 sq. ft. grading (12,494 cu. yds.); 17,020 sq. ft. curb; 218 lin. ft. walk; culverts; 99,550 sq. ft. 6-in. conc.; 12,870 sq. ft. 5-in. macad.; 18,810 sq. ft. class A oiling; 70 water services; 1911 act and 1915 bond act. A. W. Cory, city eng.

HERMOSA, Cal.—Until 7:30 P. M., July 29, bids will be rec. by city trustees to imp. Prospect Ave., bet. Pacific Ave. and city limits. 1911 Act. Invol. 30,000 sq. yds. 6-in. concrete pavement; 6890 lin. ft. class "A" conc. curb; 10,733 ft. class "B" conc. curb; 29,030 cu. yds. cut. Victor H. Staheli, city engr.

LOS ANGELES, Cal.—Until 2 P. M., July 28, bids will be rec. by supervisors to imp. Hawthorne Ave., bet. cities of Inglewood and Hawthorne. 1.53 mi. under R. D. L. No. 268, involv. 8790 cu. yds. excav., 21,565 sq. yds. shaping, 21,565 sq. yds. conc. pavement, 7991 lin. ft. shaping shoulders. Est. coner. price, \$61,423.95. A. V. haul, 2 mi. from Inglewood. A. T. & S. F. Ry.

REDONDO BEACH, Cal.—Until 8 p. m., Aug. 4, bids will be rec. by city trustees to imp. Apal. Ln., bet. cities of Juanita Sta., involv. 1500 lin. ft. grade; 2932 lin. ft. curb; 15,013 sq. ft. 4-in. walk; 8915 sq. ft. 5-in. gutter; 94,803 sq. ft. 1 1/2-in. Willite pavement on 2 1/2-in. asph. conc. base; 20 in. of bedward headers; storm drain complete; 510 ft. 18-in. vit. pipe.

COCONICO COUNTY, Ariz.—Downer & Mero, Richmond, Cal., awarded contr. by U. S. bureau of public roads at \$143,835 to grade and surface Flagstaff Angel forest highway in Coconino county, Arizona.

GLENDALE, Cal.—C. L. Hill 320 Vine St., Glendale, submitted low bid to council at \$11,629 for imp. Tyler St., Green St., Palmer Ave., Park Ave., Sycamore Canyon Rd. and Max St., involv. 56,000 sq. ft. grading; 42,200 sq. ft. 5-in. oil macad. paving; 6300 sq. ft. walk; 1915 ft. curb; 1090 ft. 6-in. water pipe; 65 ft. 4-in. water pipe (laying only). The bids were: C. Hill, \$11,111.62; F. R. Mosher, \$12,231.50; Cornwell & Henderson, \$12,362.50; A. R. McGrath, \$12,373; Fleming Constr. Co., \$12,676.50; G. T. McLain, \$12,722.93.

HOLLISTER, San Benito Co., Cal.—Granite Const. Co., Watsonville, at \$34,433.60 awarded contr. by supervisors to clean, grade, rock and repave county roads, approx. 7 to 8-mi. Bids were: Granite Const. Co. (1) 130,500 sq. ft. clean roadways, \$0.1 sq. ft.; (2) 10,800 lin. ft. grading, \$18 in. ft.; (3) 2160 tons base rock \$3.40 per ton; (4) 2026 tons crushed rock \$4.10 ton; (5) 1509 tons screenings \$6 ton; (6) 144 tons Asphaltum "B" grade, \$45 ton. A. J. Grler, 450 Chetwood St., Oakland, \$36.912; (1) \$6; (2) \$3.07; (4) \$4; (4) \$4.50; (5) \$6; (6) \$40.

ALAMEDA, Alameda Co., Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded contr. by council to imp. Bay Island Ave., bet. Park St. and Park Ave., involv. grading; const. curbs, gutters and gutter bridges; sidewalks and corr. iron culverts and pave with 6-in. oilled macadam.

SANTA MONICA, Cal.—City council is acquiring title to property fronting on Main St. necessary for opening that thoroughfare. Street will be widened to 50 ft. Local property owners raised \$128,555 for purchase of Pac. Elec. land, 30 ft. wide, from Hollister Ave. to Hill St. and 40 ft. wide from Hill St. to the city limits.

ORANGE COUNTY, Cal.—Until Aug. 18, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 5.2 mi. in Orange county, bet. Corona Del Mar and Laguna Beach. R. M. Morton, state highway engineer. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Election will be held in October or November in Metropolitan Sewage Disposal District of Los Angeles county to vote \$2,000 bond issue to provide ocean outfall system for the communities represented by the district, according to an announcement by County Sanitary and Drainage Engr. Albert K. Wynn, 102 Hall of Records. This district embraces County Sanitary districts 1, 2, 3 and 5, and includes the following cities: Inglewood, Hawthorne, Torrance, Hunt, Pk., Southgate, Lynwood, Compton, Watts, Long Beach, Signal Hill and Montebello. The board of directors of the district is composed of the Chairman of the county board of supervisors, R. F. McClellan, and the president, officer, or mayor, of each city named. At a meeting held July 16, the plans as formulated by County Surveyor J. E. Rockhold, and County Eng. Warren, were officially approved by the city enrgs. of each of the above cities. The proposed outfall will involve a screening plant of a type not yet announced. The formal report of the engineers will be presented to the board of directors within a few weeks, after which the date for the election will be set.

VENICE, Cal.—Until 8 p. m., July 29, bids will be rec. by city trustees to imp. 35th Ave., 35th Pl., 36th Ave., 36th Pl., 37th Ave., etc. Ave., involv. grading, paving and const. san. sewer, with sump, pumps and pump house, bring manhole to grade. 1915 bond act. T. H. Hanna, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—Until Aug. 11, bids will be rec. by Eliz. Kneese, county clerk, to imp. Mission rd. from west city limits of South San Francisco to junction of Grand Ave. extension at San Francisco city limits. Plans obtainable from Geo. A. Kneese, county surveyor.

SEATTLE, Wash.—Bd. Pub. Wks. preparing spec. to replace Michigan Ave. trunk sewer; est. cost \$350,000. Project will involve 1200 ft. 84-in. 150 lb. pipe, 4000 ft. 54-in. and 2000 ft. 42-in. pipe in addition to three miles of laterals.

COMPTON, Cal.—City council adopts ordinance approving a \$40,000 bond election for study and work for existing treatment; a \$70,000 issue for main or trunk line sewers connecting laterals with disposal works.

WHIPPLE BARRACKS, Ariz.—Until Aug. 12, 11 a. m., bids will be rec. by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., to grade and re-surface road, study and repair existing curbs and gutters at Hospital No. 50, Whipple Barracks, Ariz. Plans obtainable from Medical Officer in charge at Whipple Barracks, on deposit of \$10.

LARKSPUR, Marin Co., Cal.—Until Aug. 6, 8 P. M., bids will be rec. by Belle Brown, town clerk, to imp. portion of William Ave. involv. 198 cu. yds. excav.; 19,600 sq. ft. conc. macadam surface; 1543 lin. ft. conc. curb and gutter; 40 lin. ft. 12-in. corr. pipe culvert. 1911 Act and Bond Act 1915. Plans obtainable from J. C. Oglesby, engineer, 404 Courthouse, San Rafael.

TULARE, Tulare Co., Cal.—City vote bonds of \$30,000 to finance construction of sanitary and storm sewer extensions.

ASTORIA, Ore.—See "Dredging, Harbor Works and Excavations," this issue

LA HABRA, Cal.—Until 2 p. m., Aug. 12, bids will be rec. by secretary of La Habra Sanitation Dist. of Orange county, L. J. Wester, to const. outfall sewer, beginning at Ocean and Magnolia Aves., La Habra, and extending to Commonwealth and Magnolia Aves., Fullerton, involv. 16,959 ft. 12-in., 5023 ft. 15-in., 3010 ft. 18-in. sewer pipe laid; 36 ft. yds. 16-in. and 643 ft. 16-in. class A cast iron pipe laid; 47 manholes; 12 cu. yds. class B conc. Cert. chk. \$2500, payable to the order of the president, L. Lindauer. Plans by Elrod Engineering Co., consulting enrgs., Mills Fraser Bldg., Santa Monica, from whom plans and spec. may be obtained upon deposit of \$10.

OROVILLE, Butte Co., Cal.—County supervisors, C. F. Belding, clerk, will ask bids at once to pave uncompleted section of Neal grade; resurface section of Paradise-Stirling City road and imp. main county road through Paradise township. Harry H. Hume, county road engineer.

LARKSPUR, Marin Co., Cal.—Until Aug. 6, 8 P. M., bids will be rec. by Belle Brown, town clerk, to imp. portions of Madrid Ave., bet. cities of Larkspur and Sausalito, involv. 1626 cu. yds. excav.; 39,457 sq. ft. 5-in. conc. pavement; 185 lin. ft. 8-in., 65 lin. ft. 15-in., 50 lin. ft. 18-in. corr. pipe culvert; 30 lin. ft. 18-in. vit. pipe culvert; 19 cu. yds. conc. (retaining walls). 1911 Act and Bond Act 1915. Spec. obtainable from J. C. Oglesby, engineer, 404 Courthouse, San Rafael.

LOS ANGELES, Cal.—Until 2 p. m., July 28, bids will be rec. by supervisors to imp. Hawthorne Ave., bet. cities of Inglewood and Hawthorne, 1.53 mi. under R. D. L. No. 268, involv. 8790 cu. yds. excav., 21,565 sq. yds. shaping, 21,565 sq. yds. conc. pavement, 7991 lin. ft. shaping shoulders. Est. coner. price \$61,423.95. A. V. haul, 2 mi. from Inglewood. A. T. & S. F. Ry.

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NEVADA STATE—Simpson Bros., Farmers and Merchants Bank Bldg., Sacramento, at approx. \$81,500 submits low bid to State Highway Commission to const. Unit No. 1, 5.10 miles, 0.52 miles east of Nevada-California state line and 2 miles east of Verdi, 76,000 cu. yds. excavation unclassified; 264,643 yd. sta. overhaul; 210 cu. yds. class 15-in. 498 lin. ft. 13-in., 418 lin. ft. 24-in., 136 lin. ft. 30-in. and 40 lin. ft. 26-in. corr. metal pipe; 64 lin. ft. 24-in. corr. metal siphon; 75 monuments; 13 sign posts; 150 cu. yds. hand placed fill; one track ft. relay industry tracks

Simpson Bros. low bidders at approx. \$19,690 to const. Unit No. 2, 0.52 miles: Nevada-California state line and 0.52 miles east, work between line and 0.52 miles east (Sta. 30 plus 00) to be included in contract if right of way is secured prior to completion of work under unit No. 1, Station 30 plus 00 to Station 31.35. Unit prices to be as per proposal blank Unit No. 2; 12,650 cu. yds. excavation unclassified; 256 cu. yds. class A and 5 cu. yds. class 1 concrete; 92 lin. ft. 15-in. and 30 lin. ft. 20-in. corr. metal pipe; 1576 lin. ft. stand. wooden guard rail; 10 monuments. Gravel and sand for concrete in stock piles will be furnished by the State.

INGLEWOOD, Cal.—Martin E. Jones Baldwin Park, awarded contract by city trustees at \$22,425 to imp. passage Ave., bet. Severance St. and Arlio Vista St., involv. 173,301 sq. ft. grading (613 cu. yds.); 4901 ft. curb; 24,532 sq. ft. walk; 388 sq. ft. gutter; 95,652 sq. ft. 4-in. macad.; 169 sq. ft. class B oiling.

WATSONVILLE, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, awarded const. by Board of Supervisors to imp. portions of Walker St., involv. re-macadamizing, 3½ sq. ft.; asph. pave, 4½ sq. ft.; crushed rock \$3.25 ton.

HUMBOLDT COUNTY, Cal.—J. F. Knapp, Tullock, at \$24,463.50 awarded const. by State Highway Commission to pave with Port. cem. conc. 6.5-mi. in Humboldt County, bet. Eureka and Arcata, involv. 5600 cu. yds. embankment; 4200 cu. yds. sand (filling for subgrade); 34,080 lin. ft. subgrade (preparing and shaping); 15,340 cu. yds. class A Port. cem. conc. (pavement); 3329 hundredweights bar rein. steel in place (pavement). Engineer's estimate \$263,905.

NEW MEXICO—Dooley Constr. Co., Santa Fe, N. M., awarded const. by S. bureau of public roads at \$33,621 to const. the Cimarron-Taos highway in the Carson national forest, Taos county, New Mexico, 3.57 mi., 12 ft. wide of semi-grade surfacing.

SAN JOAQUIN COUNTY, Cal.—Valley Paving and Const. Co., Visalia, at \$169,678.90 awarded const. by State Highway Commission to pave with asph. conc. mate \$208,097.50.

REDWOOD CITY, San Mateo Co., Cal.—Until Aug. 4, 10 A. M. bids will be rec. by Elitz Kneese County Clerk for grade road from Black Mountain Water Co., west to skyline Blvd., involv. 24,000 cu. yds. unclassified excavation. Plans obtainable from Geo. A. Kneese, county surveyor.

LOS ANGELES, Cal.—Res. of inten. adopted by supervisors to imp. under County Imp. Act: 1. Beck Ave., bet. Corena and Otis Ave., involv. 211 cu. yds. excav.; 1689 ft. curb; 8445 sq. ft. walk. Est. contr. price \$3166.75.

2. Otis Ave., bet. Baker and Florence Aves., 53 mi., under County Imp. No. 91, involv. 950 cu. yds. remov. d. g. base; 11,372 sq. yds. replacing d. g. base; 4027 cu. yds. excav.; 2757 ft. curb; 11,247 sq. ft. gutter; 10,125 sq. yds. conc. paving. Est. contr. price, \$33,612.30.

Chicago Ave. (north side) and Leigh Ave. (north side) from Brannick Ave. to Mountain View Ave., and portions of other streets, involv. 1760 cu. yds. excav.; 7193 ft. curb; 27,840 sq. ft. walk; 15,342 sq. ft. gutter. Est. contract price \$16,044. County Imp. No. 61.

ALAMEDA, Alameda Co., Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded const. by council to imp. portions of Filmore St., involv. 17,700 sq. ft. grading; 550 lin. ft. conc. curb; 10,225 sq. ft. oil macadam pavement; 1175 sq. ft. conc. gutter; 120 lin. ft. 7x24-in. and 24 lin. ft. 6x18-in. corr. culvert; 200 sq. ft. conc. gutter (bridges).

LOS BANOS, Merced Co., Cal.—Until Aug. 6, 2 P. M. bids will be rec. by V. E. Bryant, City Clerk, to move approx. 2500 yds. earth and pave 700 ft. in H St. to connect with Los Banos-Volta highway; pavement to be 25 ft. wide, 5 in. thick with 7 in. edges. Cert. check 10% req. with bid. Plans on file in office of clerk.

SALINAS, Monterey Co., Cal.—Until Aug. 4, 2 P. M. bids will be rec. by T. J. Joy, County Clerk, to imp. portion of Salinas-Watsonville Rd. in Rd. Dist. No. 1. Plans obtainable from County Surveyor Howard F. Cozzens.

GLENDALE, Cal.—C. L. Hill 320 Vine St., Glendale, submitted low bid to council at \$1,629 to imp. Tyler St., Green St., Palmer Ave., Park Ave., Sycamore Canyon Rd. and Max St., involv. 55,000 sq. ft. grading; 42,200 sq. ft. 5-in. oil macad. paving; 6300 sq. ft. walk; 1915 ft. curb; 1090 ft. 6-in. water pipe; 65 ft. 4-in. water pipe.

E. L. Fleming, 124 W. Dryden, Glendale, low at \$34,395 to imp. Sierra Ave., Glenoaks Blvd., Hill Dr., Merrill Ave. and Sycamore Canyon Rd., involv. 237,000 sq. ft. grading; 132,300 sq. ft. 5-in. oil macad.; 81,500 sq. ft. walk; 23,360 sq. ft. gutter; 1710 ft. class B curb; 2745 ft. class B curb; 178 ft. 6-in. class B water pipe.

GLENDALE, Cal.—W. F. Hamrham, Call Bldg., San Francisco, submitted low bid to council at \$267,732 to imp. Central Ave., San Fernando Rd., Eulalia St., Laurel St., Los Feliz Rd., etc., involv. 537,200 sq. ft. grading; 529,025 sq. ft. 3-in. conc. base with 1½-in. Warrinite-bitul wearing surface; 13,320 ft. curb; 8175 sq. ft. walk; 4 culverts complete; 7073 ft. 10-in. sewer pipe; 243 hse. connections; 16 junction chambers; 3 flush-tanker, elec. work; involv. 2 transformers, one vault, 132 ornam. lighting posts; water pipe as follows: 20 ft. 2-in., 165 ft. 4-in., 553 ft. 6-in., 2587 ft. 8-in., 3343 ft. 12-in., 1617 ft. 16-in.

LOS ANGELES, Cal.—Approx. quantities for the improvement of Pasadena Ave., bet. 3rd St., and Whittier Blvd. under County Imp. No. 143, 9.96 mi., are 732 cu. yds. excav.; 290,520 sq. ft. curb; 32,375 ft. curb; 23,882 ft. curb; 132,847 sq. ft. gutter; reinf. conc. culvert; corr. iron culvert with catch basin No. 8; corr. iron culvert with catch basin No. 9; 3573 sq. yds. grading roadway and surfacing with oil and screenings. Est. contr. price, \$127,280.95. Average haul 6 mi. from Bandini Sta. on A. T. & S. F. Ry.

SOUTHGATE, Cal.—Hall-Johnson Co., 1611 E. 6th St., Los Angeles, awarded const. by city trustees at \$47,633.26 to pave west ¼ of Santa Ana St., involv. 110 ft. curb, 65c ft.; 10,757 sq. ft. 5-in. gutter, 28c ft.; 1695 ft. 8-in. gutter, 40c ft.; 166,965 sq. ft. grading, 3.8c ft.; 166,965 sq. ft. 1½-in. Willite on ¾-in. base, 22.5c ft.; 100 sq. ft. walk at 20c ft.

Hall-Johnson Co. was awarded at \$46,732 to imp. Santa Ana St., bet. Elizabeth and San Gabriel Aves., involv. 168,435 sq. ft. grading, 3.8c ft.; 12,591 sq. ft. 5-in. corr. gutter, 28c ft.; 1313 sq. ft. 8-in. gutter, 40c ft.; 116,615 sq. ft. 1½-in. Willite on ¾-in. bitum. base, 23.25c ft.; 51,840 sq. ft. 1½-in. Willite on 2-in. base, 19.25c ft.; 100 sq. ft. walk, 20c ft.; 25 ft. curb, 65c ft.

SAN FRANCISCO—Board of Public Works will commence preparation of spec. at once to imp. California street, Kearny to Powell, \$24,250; Pine street from Montgomery to Kearny, \$7500; Sixth street from Brannan to Townsend, \$18,200; Folsom street from Fifth street west, \$15,000; Main street from Mission to Howard, \$12,000; Fremont street, Howard to Folsom, \$12,000.

SAN JOSE, Santa Clara Co., Cal.—Contract awarded by supervisors to J. A. Costello, Jr., San Francisco to imp. portion of Santa Clara and Los Gatos road and Santa Cruz Ave., in Town of Los Gatos, Supervisor Dist. No. 5, has been rescinded, the contractors having failed to file satisfactory bond.

SACRAMENTO, Cal.—E. T. Hillard, Sacramento, at \$9666 awarded const. by supervisors to pave Florin road, approx. 5525 ft. or \$175 ft. per ft.

F. DeSaussure, Winters, Cal., at \$2310 awarded const. to gravel Golden State Cannery rd. C. W. Wood, Manteca bid \$2200.

E. T. Hillard low bidder at \$9677 (\$175 cu. ft.) to pave Sutter Ave., bet. 14th Ave. and Fruitridge. Other bids: Frederickson & Shannon, \$192 cu. ft.; T. M. Burns, \$216 cu. ft.

VERNONIA, Ore.—Until July 23, 8:30 p. m., bids will be rec. by city council to const. sewers in Dist. 1 and 2, including disposal plant and outfall; est. cost \$70,000. Project involves 20 pcs. sewer pipe, 6 to 12-in. dia.; 4 tons reinforcing steel; 2 alternating siphons; 3000 ft. drain tile. Bids for either conc or vit. pipe. Cash job. Plans obtainable from G. C. Hall, city engr.

SACRAMENTO, Cal.—No bids rec. by county supervisors to grade Grant Line road bet. Fetter's Corners and Grack Back Lane and for grading Sherman Island cross roads. Work ordered done by day labor under supervision of County Engineer Chas. W. Deterding, Jr.

SAN FRANCISCO—Board of Public Works preparing spec. for rein. conc. sewer and appurtenances in Great Highway bet. Ortega and Rivera sts. funds being provided in Budget item No. 42.

SACRAMENTO, Cal.—County Engineer Chas. W. Deterding, Jr., completes spec. to gravel power line road in Reclamation District No. 1000; est. cost \$12,000.

SAN MARINO, Cal.—Until 8 p. m., Aug. 13, bids will be rec. by city trustees to const. 8-in. vit. san. sewer lateral with manholes and Y branches in Orlando Rd. bet. main sewer in Rosalind Rd. and n city limits, and portion of Holladay Rd. H. W. Joyce, city clerk, Pasadena, R. F. D. 3, Box 117, San Marino.

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POMONA, Cal. — The \$25,000 sewer bond issue has been sold to the Citizens National Co. of Los Angeles.

SAN JOSE, Santa Clara Co., Cal. — Until Aug. 4, 11 a. m., bids will be rec'd by Henry A. Edister, county clerk, to imp. Santa Cruz Ave. in town of Los Gatos, Supervisor Dist. No. 5. Plans obtainable from Robt. Chandler, county surveyor.

NEVADA COUNTY, Calif. — Irey and Holden, Lodi, at \$245,162 awarded contract 5.3-mi. in Nevada county bet. Boca and Ft. Winston. Engineer's estimate \$287,744.

NEW MEXICO — Lee Moor Const. Co., El Paso, awarded cont. by U. S. bureau of public roads at \$39,385 to grade and partial surfacing of Frijoles-San Ildefonso forest highway in Santa Fe county, New Mexico, 4.175 mi.

SANTA BARBARA, Cal. — Bureau of Public Roads will have surveys on San Marcos Pass Rd. started within a short time. The estimated cost of this project is \$150,000.

OAKLAND, Cal. — City council, E. K. Sturgis, clerk, declares inten. to imp. portions of 11th St., bet. Bond and Peralta Sts., involv. removal of exist- ing sewers and constructing new sewers. 1911 Act. Protests Aug. 7. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares inten. to imp. Keyes St., bet. Senter rd. and bridge over Coyote river involv. grade; pave with 2 1/2-in. Bituminous concrete, base; hyd. conc. curbs and gutters; cem. conc. walks; hyd. cem. conc. header walls and storm water inlet frames; 4-in. c. i. pipe drains. 1911 Act & Bond Act 1915. Protests July 28. Wm. Popp, city engineer.

SANTA ROSA, Sonoma Co., Cal. — City council petitioned to pave nine blocks of streets including portions of Bosley Ave., 2nd, 7th, King Sts., etc. A 3-in. Willite asphalt conc. pavement is contemplated with a 1-in. macadam base; cem. curbs, gutters and walks. Plans will be prepared at once for the improvements.

SONORA, Tuolumne Co., Cal. — F. L. Carson, 216 Pine St., San Francisco, at \$47,592 awarded cont. by supervisors to pave with asphalt conc. contractor to furnish all equipment and materials. Bids were submitted on four types of pavement—asphaltic concrete, warrantite, willite and asphalt macadam—and under two propositions. The first proposition called for all materials and equipment to be fur. by contractor, under second proposition the county was to furnish a road roller, a scarifier, a grader, and three trucks with drivers. Bids were:

Asphaltic concrete, proposal No. 1—F. L. Carson, \$47,592.84; J. E. Johnson, \$52,869.80. Proposal No. 2—F. L. Carson, \$45,307.22; J. E. Johnson, \$47,610; C. A. Camp, \$45,411.38.

Warrenite, proposal No. 2—Standard Paving Company, \$48,985.15.

Willite, proposal No. 1—F. L. Carson, \$52,493.70. Proposal No. 2—F. L. Carson, \$50,265.31.

Asphaltic macadam, proposal No. 2—F. L. Carson, \$41,437.43.

OROVILLE, Butte Co., Cal. — City trustees, E. J. Mitchell, clerk, declare inten. (No. 225) to imp. portions of Orange Ave., Pine and Lincoln Sts., involv. grade; pave with 1 1/2-in. Warrenite-Bit. surface on 2 1/2-in. asphalt conc. base; r.w. headers; cem. conc. curbs and gutters; corr. iron culverts. 1911 Act and Bond Act 1915. Protests August 4. S. J. Norris, city eng.

LOS ANGELES, Cal. — West & O'Keefe 56 S. Euclid Ave., Pasadena, awarded contr. by supervisors at \$14,935 to imp. Chevy Chase Dr., bet. city limits of Glendale and boundary line of Sierrita Canyon tract, 257 1/2 lin. ft. involv. moro Canyon exca. 5663 sq. yds. shaping; 5663 sq. yds. cem. conc. pavement; 18-in. cem. conc. pipe at sta. 13 plus 00, complete with headwalls; 2551 lin. ft. shaping shoulders.

LOS ANGELES, Cal. — J. L. McClain, 3452 W. Slauson Ave., Submitted low bid to Bd. Pub. Wks. at \$42,363 to imp. Crenshaw Blvd., bet. Washington and Adams Sts., involv. grading at \$2,325.00 (lump sum); 160,196 sq. ft. 6-in. conc. paving 20c ft.; 3689 sq. ft. remodel oil surface 7c ft.; 5745 ft. curb 60c ft.; 713 sq. ft. walk 20c ft.; 922 sq. ft. gutter 30c ft.; san. sewer complete (except hse. connections) \$500 san. sewer complete (except hse. connections); 2251 ft. hse. sewers \$1.50 ft.

GLENDALE, Cal. — City Engr. Ben F. Dupuy has estimated cost to imp. San Fernando Rd. bet. the Los Angeles and Burbank city limits, 5 mi. at \$700,000. Of this sum \$60,000 has been appropriated by the Los Angeles county supervisors. Plans call for a 66-ft. street bet. curbs, with a 10-ft. parkway on each side, and total width of 86 ft. except where the road adjoins the S. P. tracks, where there will be a parkway on but one side, or a width along this right of way of 77 ft. Mr. Dupuy estimates the amount of paving at 1,320,000 sq. ft., which will cost \$35 per sq. ft. including grading, or a total of \$462,000 for paving alone. Other work includes curbs, sewers, water pipe, and ornam. street lights.

FRESNO, Fresno Co., Cal. — Until Aug. 8, 2 p. m., bids will be rec'd by D. M. Earnwell, county clerk, to pave McCall Avenue rd.; asphalt conc. pavement. Plans obtainable from Chris. P. Jensen, county highway engineer, Cory Bldg., Fresno.

LOS ANGELES, Cal. — Until 10 a. m., Aug. 4, bids will be rec'd by Bd. Pub. Wks. to const. storm sewer in Mesa St., bet. O'Farrell and Third Sts., involv. 2157.38 ft. 5.5 ft. conc. storm sewer pipe; 1324.41 ft. 5.5 ft. conc. pipe; 6488 4.5 ft. conc. pipe; 35 ft. 27-in. rein. conc. pipe; 13 ft. 24-in. rein. conc. pipe; 1477 ft. 21-in. cement pipe; 332 ft. 18-in. cem. pipe; 378 ft. 15-in. cem. pipe; 617 ft. 12-in. cem. pipe; 25 catch basins; 12 manholes; 1911 act.

SAN BERNARDINO, Cal. — Until 7:30 p. m., Aug. 4, bids will be rec'd by council to const. under 1911 act sewers in: A St., bet. n city limits and Rancho San Bernardino, involv. 8-in. vit. pipe sewer, flush tanks, manholes, etc. Reece St., bet. Mt. Vernon Ave. and St. Elmo Ave., involv. 8-in. vit. pipe sewer, flush tank, etc.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares inten. to imp. 84th St., bet. San Fernando and Santa Clara Sts., involv. grading and paving with 1 1/2-in. Durite asphalt conc. surface with 3-in. Durite asphalt conc. base; hyd. cem. conc. curbs, gutters and walks. 1911 Act and Bond Act 1915. Protests Aug. 11. Wm. Popp, city engineer.

SAN LUIS OBISPO, Cal. — Bids will be asked at once by county supervisors to pave highway from Ontario Springs to town of Aliva.

SAN BERNARDINO, Cal. — Until 7:30 p. m., Aug. 4, bids will be rec'd by council to imp. Trenton St., bet. F and G Sts., involv. cem. conc. curbs, sidewalks, 4-in. asphalt conc. pavement. 1911 act. J. H. Osborn, city clerk.

REDLANDS, Cal. — Until 2 p. m., Aug. 6 bids will be rec'd by city trustees to imp. Clay St., bet. Colton Ave. and Laguna Ave., involv. 14-in. macadam pavement with asphalt oil wearing surface, stone curbs, gutters, 4-in. vit. sewer laterals; 1911 act. C. C. Hook, city clk.

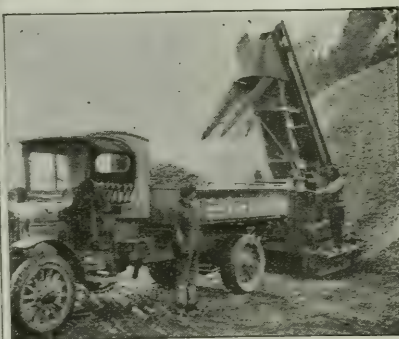
STOCKTON, San Joaquin Co., Cal. — City Eng. W. B. Hogan completing spec to imp. streets in Pacific Manor; est. cost \$62,000.

MARTINEZ, Contra Costa Co., Cal. — E. Bowman, 9017 B St., Elmhurst, at \$1925 awarded cont. by city trustees to const. (vitr.) outfall sewer. Other bids: J. T. Sayles \$1984; Martin Murphy \$1998; Thos. Geary, \$2085.

SANTA CRUZ, Santa Cruz Co., Cal. — Until July 31, 9 a. m., bids will be rec'd by S. A. Evans, city clerk, to imp. approx 4-mi. of Cliff Drive, involv. 317,497 sq. ft. grading; 300 lin. ft. 12-in. 147 lin. ft. 18-in. 110 lin. ft. 24-in. corr. pipe culvert; 954 yds. conc. in head walls; 700 lin. ft. guard rail; 317,497 sq. ft. 5-in. conc. pavement or 317,497 sq. ft. 3 1/2-in. asphalt conc. base with 1 1/2-in. asphalt conc. surface or 1 1/2-in. Warrenite-Bit. surface; 317,497 sq. ft. 4-in. waterbound macadam base with 2 1/2-in. asphalt conc. surface. H. S. Williams, city eng. Plans on file in office of clerk.

EUREKA, Humboldt Co., Cal. — W. S. Selvaage, Eureka, at \$2.75 cu. yd. awarded cont. by supervisors to furnish and spread 1500 yds. crushed rock on Kneeland-Fairlie road.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.
McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

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Sutter 952

SAN FRANCISCO—Following bids rec. by Bid Pub. Wks. City Const. Co., Call Bldg., low at \$21,134.74 to widen Geary St., bet. Mason and Van Ness Ave.; other bids were: Munny Const. Co., \$22,410; C. B. Eaton, \$24,672; J. R. McElroy, \$24,401; Rausch Imp. Co., \$22,629.

Jas. M. Smith, 715 Ocean Ave., low at \$57,335 to const. parapet roadway at Sutter Heights Park. Other bids: Grant and Hart, \$82,098; C. B. Cowden, \$97,731; C. L. Harney, \$78,990; M. J. Treacy, \$70,000 and H. McGill, \$72,995.

Fay Imp. Co., low at \$14,752 to imp. Ulloa bet. 15th and 17th Aves. Other bids: Munny Const. Co., \$15,200; C. B. Eaton, \$15,307; City Const. Co., \$15,613.

Fay Imp. Co., low at \$7701 to imp. Ulloa bet. 17th and 19th Aves. Other bids: Munny Const. Co., \$7873; C. B. Eaton, \$8063; City Const. Co., \$7954.

C. B. Eaton, 715 Ocean Ave., at \$9,677 low to imp. Levant St., bet. Lower Terrace and States Sts.

Jas. M. Smith low at \$6289 to improve Vulcan St. bet. Ord and Levant.

M. J. Lynch, Call Bldg., low at \$1411 to imp. Joyce St., from California St. south.

M. J. Treacy, Call Bldg., low at \$895 to imp. Folsom St., bet. Crescent and Ogden.

M. J. Lynch low at \$1950 to imp. Mission St., bet. Russia and Sickness Avenue.

City Const. Co., Call Bldg., low at \$1516 to imp. crossing of Cortland Ave. and Folsom St.

SAN MATEO, San Mateo Co., Cal.—G. Stanley Whitehead, San Mateo, at \$11,298.10 submits low bid to city council to pave Crystal Springs road and El Camino Real. Project involv. 29,000 sq. ft. hyd. cem. conc. pavement, 7 to 9-in. thick; 900 cu yds. excavation; 2000 sq. ft. conc. walks; 800 lin. ft. curb; 6 catchbasins; 300 lin. ft. 4-in. sewer laterals; 80 lin. ft. 10-in. sewer lin. 12-in. and 80 lin. ft. 15-in. vit. tile pipe storm drain. Other bids were: W. A. Dontanville \$13,730; W. J. Taylor, \$12,694; Fay Improvement Co., \$13,478; Eaton and Smith, \$13,641; W. A. Thompson, \$13,297; C. J. Lingren, \$12,007; G. S. Whitehead, \$11,298; V. Cocconi, \$12,516. Bids taken under advisement. C. F. Price, city engineer.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$3780 awarded cont. by supervisors to pave 1500 ft. of Ryan Slough Rd., pavement to be 18 ft. wide, 2 in. thick.

SANTA BARBARA, Cal.—Until 5 P. M. July 31, bids will be rec. by council to change grade in 1st St., bet. Chapala St. and State St. and const. 6-in. vit. pipe main san. sewer. 1911 act. Geo. D. Morrison, city engineer.

REDONDO BEACH, Cal.—Until 8 p. m., Aug. 4, bids will be rec. by city trustees to imp. Opal, Lucia, Irena and Juanita Sts., involv. 1500 lin. ft. grading, 2932 lin. ft. curb, 15,013 sq. ft. 4-in. walk, 8915 sq. ft. 5-in. gutter, 94,803 sq. ft. 1½-in. Willite pavement on 2½-in. asph. conc. base, 270 lin. ft. redwood headers, storm drain complete, 510 ft. 18-in. vit. pipe.

HAWTHORNE, Cal.—Until 8 p. m., Aug. 11, bids will be rec. by city trustees to imp. Delaware Ave., involv. grading complete (approx. 2555 lin. ft.) 3352 lin. ft. curb, 16,887 sq. ft. 4-in. walk, 9094 sq. ft. 5-in. gutter, 94,139 sq. ft. 1½-in. Willite surface on 2½-in. asph. conc. base, lighting system complete (27 single light standards).

POMONA, Cal.—The \$425,000 (\$400,000 street bonds and \$25,000 sewer bonds) street bond issue has been sold to the Citizens National Co. of Los Angeles, at par, accrued interest and a premium of \$9335.

LOS ANGELES, Cal.—City council orders imp. of:

Westmoreland Ave., bet. 7th and 9th Sts., involv. 1280 cu yds. cut; 1379 sq. ft. asph. paving (5-in. conc., 1-in. paint binder and 2-in. asph. surface); 10,816 sq. ft. 6-in. conc. paving; 33,083 sq. ft. Warrenite paving (3½-in. bitum. base, 1½-in. surface); 199 ft. curb; 388 sq. ft. walk; 1873 sq. ft. gutter; storm drain: 60 ft. hsq. sewers; 1520 sq. ft. asph. remodeling.

Plummer St., bet. Saugus Ave. and 640 ft. west of Haskell Ave., involv. 3625 cu. yds. cut; 64,700 sq. ft. asph. conc. (¾-in. base with 1½-in. topsoil surface).

Glen Airy St. near Gower St., involv. 244 cu. yds. cut; 112 cu. yds. fill; 7022 sq. ft. 6-in. conc. paving; 785 ft. curb; 800 sq. ft. remodel. oil surface; san. sewer.

GLENDALE, Cal.—E. L. Fleming, 324 W. Dryden, Glendale, submitted low bid to city council at \$34,394 for improving Sierra Ave., Glenoaks Blvd., Hill Dr., Merrill Ave. and Sycamore Canyon Rd., involv. 237,000 sq. ft. grading; 132,300 sq. ft. 5-in. oil macad; 31,500 sq. ft. gutter; 1710 ft. class A curb; 3745 ft. class B curb; 178 ft. 6-in. class B water pipe (laying only). The bids were: E. L. Fleming, \$34,394; Cornwell & Henderson, \$37,322.10; A. R. McGrath, \$37,888.30; F. R. Mosher, \$40,128.75; G. T. McLain, \$40,418.60; J. E. Haddock, \$42,508.30; Bates & Borland, \$46,330; Gibbons & Reed, \$50,196.40.

FAIRFIELD, Solano Co., Cal.—R. J. Blanco, Vallejo, at \$14,001.35 awarded cont. by supervisors to const. 1½-mi. of Lone Tree road. Other bids: A. J. Grier, \$18,581; M. F. Sullivan, \$14,887; Heafey-Moore and McNair, \$15,287.

GLENDALE, Cal.—City of Glendale only bidder at \$6500 for laying 3170 ft. 12-in. and 635 ft. 3-in. cast iron water pipe in Adams St.

SAN BERNARDINO, Cal.—The \$275,000 water bond issue has been sold to the California Securities Co. at a premium of \$8637.

GLENDALE, Cal.—Until 10 a. m., July 31, bids will be rec. by council to improve:

Grover Ave., Fourth St. and San Fernando Rd., involv. 50,800 sq. ft. grading; 31,250 sq. ft. macad. paving; 10,020 sq. ft. walk; 2049 ft. curb; 1069 ft. 4-in. cast iron water pipe; 190 ft. headers.

Viola Ave. and Stocker St., involv. 36,025 sq. ft. grading; 36,025 sq. ft. 3-in. oil macad. paving; 80 lin. ft. redwood headers; 1043 ft. 4-in. water pipe; one 6-in. hydrant; 3 4-in. valves; one 4x16 tee; one 4x14 tee; 3 4-in. crosses 2 4-in. plugs; 2 junction chambers; 2 lamp holes; 792 ft. 8-in. vit. sewer pipe; 29 6-in. wyes and hse. connections 1915 imp. bond act. Ben F. Dupuy, city engr. A. J. Van Wier, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 4, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. West Virginia St., from First to Locust St., involv. grading and pave with 1½-in. Warrenite-Bitulith surface on 3-in. Bituminous conc. base; hyd. cem. conc. curbs, gutters, and storm water inlets. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city rec. Wm. Fopp, city engr.

UKIAH, Mendocino Co., Cal.—Until Aug. 12, 11 a. m., bids will be rec. by county supervisors to const. retaining wall in McClude creek on Ukiah-State Hospital road. Plans on file in office of clerk.

UKIAH, Mendocino Co., Cal.—Until Aug. 12, 11 a. m., bids will be rec. by county supervisors to const. Sec. 3 of Putter Valley road. Plans on file in office of clerk.

SACRAMENTO, Cal.—Until Aug. 11, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to imp. Tyler Rd. south from Tyler Island road, approx. 2-mi. in length. Cert. check 10% payable to Chairman Bd. of Suprs. req. plans obtainable from County Eng. Chas. W. Deterding, Jr.

SACRAMENTO, Cal.—Until Aug. 11, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to imp. Tyler Island rd., along Mokelumne river from pumphouse southerly, approx. 2-mi. in length. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans obtainable from County Eng. Chas. Deterding, Jr.

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Street and No.

City State

DWELLING
(3130) N WILD AVE 100 W Rutland.
One-story and basement frame
dwelling.
Owner—And. Boto, 948 Rutland St.,
San Francisco.
Plans by Owner.
Contractor—Co-operative Builders, 1733
Palou Ave., San Francisco. \$3000

DWELLINGS
(3131) N BRUNSWICK 128 and 153 S
Guttenberg. Two one-story and
basement frame dwellings.
Owner—Victor Bjorkman, 4539 Mission
St., San Francisco.
Architect—None. \$3000 each

DWELLINGS
(3132) W THIRTY-EIGHTH AVE 100,
and 125-9 N Cabrillo. Two one-
story and basement frame dwlg.
Owner—V. E. A. Lawthorne, 5331 Geary
St., San Francisco.
Architect—None. \$4000

DWELLINGS
(3133) NE FLORENTINE 134 and 159
E Mission. Two one-story and
basement frame dwellings.
Owner—Geo. W. Witbeck, 3056 22nd St.,
San Francisco.
Architect—None. \$3000 each

DWELLING
(3134) N VALLEJO 158-6 W Larkin.
One-story and basement frame
dwelling.
Owner—A. Ramazzotti, 1419 Vallejo St.,
San Francisco.
Plans by Owner. \$3800

DWELLING
(3135) E SEARS 450 S Suckles. One-
story and basement frame dwlg.
Owner—George Trollmann, 16 De Long
St., San Francisco.
Architect—None. \$3400

ALTERATIONS
(3136) E FORTY-FOURTH AVE 240 S
Geary. Remodel for private garage;
concrete work.
Owner—F. W. Meriman, 447 38th Ave.,
San Francisco.
Architect—None. \$2000

FLATS
E EIGHTH AVE. 150 S Lincoln Way.
1-story and basement frame (2)
flats.
Owner—W. Gilmore, ex contractors.
Designer—W. C. Mahoney, 892 Union
St., S. F.
Contractor—Maher & Rawls, Mills
Bldg., S. F.
NOTE—Recorded contract reported
June 17, 1924, No. 3169.

ALTERATIONS
(3136) 1315 POTRERO AVE. All work
except furnishing and setting ma-
chinery, brick work for heat treat-
ing furnace and flue, electric wir-
ing for alterations to bldg.
Owner—Jewel Steel & Malleable Co.,
1315 Potrero Ave., S. F.
Architect—August G. Headman, New
Call Bldg., S. F.
Contractor—Buschke & Brown, Atlas
Bldg., S. F.
Filed July 17, 1924. Dated July 17, 1924.
Concrete forms and steel in
place, ready for pouring. \$1075
Concrete poured and roof on. 1075
Completed and accepted. 1075
Usual 35 days. TOTAL COST, \$3000
Bond, sureties, none. Forfeit, \$10.00.
Limit, 35 days. Plans and specifica-
tions filed.

FLATS
(3137) SE CHURCH AND CLIPPER.
All work except finish hardware,
window shades, wall paper and
electric fixtures for 3-story frame
flat building.
Owner—Fank Artigas, 115 Clipper St.,
San Francisco.
Architect—None.
Contractor—Oel Johnson & Son, 1614
Church St., S. F.
Filed July 17, 1924. Dated July 15, 1924.
Roof on. \$3936
Interior walls brown coated and
exterior walls scratch coated. 3936
Completed and accepted. 3936
Usual 35 days. TOTAL COST, \$15,744
Bond, \$8000. Sureties, Elmer Carlson
and Guy May, Forfeit, \$100. Limit,
90 days. Plans and specifications filed.

GRADING
(3138) S BROADWAY 121-6 E La-
gruna E 69-9 x N 137-6. All work
for grading for 10-story apt. bldg.
Owner—Nineteen Sixty Broadway, San
Francisco.
Architect—Quandt & Bos, Humboldt
Bldg., S. F.
Contractor—H. V. Tucker Co., 1370
California St., S. F.
Filed July 17, 1924. Dated July 14, 1924.
On acceptance. 75%
Usual 35 days. TOTAL COST, \$1006
Bond, \$503. Sureties, Fidelity & De-
posit Co. of Maryland. Forfeit, none.
Limit, 15 days after notified. Plans and
specifications filed.

(3139) CONCRETE FOUNDATION,
concrete work, and carpenter work
on above.
Contractor—Jacks & Irvine, 170 Jessie
St., S. F.
Filed July 17, 1924. Dated July 14, 1924.
10th of each month. 25%
Usual 35 days. TOTAL COST, \$60,788
Bond, \$30,394. Sureties, Fidelity & De-
posit Co. of Maryland. Forfeit, none.
Limit, May 1, 1925. Plans and specifica-
tions filed.

(3140) STEEL REINFORCEMENT ON
above.
Contractor—Edw. L. Soule Co., Rialto
Bldg., S. F.
Filed July 17, 1924. Dated July 14, 1924.
Payments same as above.
TOTAL COST, \$6031
Bond, \$3016. Sureties, American In-
demnity Co. Forfeit, none. Limit, as
required. Plans and specifications filed

RESIDENCE
(3141) LOT C, MAP S. A. BORN BLDG.
Co., Resub. Lots 4 to 19, sub 1, S. F.
Frame completed. 25%
1st coat plaster on. 2550
Completed and accepted. 2550
Usual 35 days. TOTAL COST, \$13,609
Bond, \$6805. Sureties, Fidelity & Cas-
ualty Co. Forfeit, none. Limit, 90
days. Plans and specifications filed.

GLAZING
(3142) BLK. BOUNDED BY HUM-
boldt, Michigan, Louisiana and 23rd
All work for glazing of steel sash
and skylights for compressor bldg.
Owner—Pacific Gas & Electric Co., 445
Sutter St., S. F.
Architect—None.
Contractor—Crowe Glass Co., 574 Eddy
St., S. F.
Filed July 17, 1924. Dated July 9, 1924.
On completion. 25%
Usual 35 days. TOTAL COST, \$1040
Bond, \$530. Sureties, Globe Indemnity
Co. Forfeit, none. Limit, 10 days.
Plans and specifications filed.

DWELLINGS
(3143) (1) SE CHICAGO WAY AND
South Hill Blvd; (2) S Chicago
Way 202 235 268 E Cordova; (3)
W Taylor 66 & 100 S Chicago Way;
(4) W South Hill Blvd 50 N Bala-
more. Seven 1-story and basement
frame dwellings.
Owner—Crocker Estate Co. 525 Crocker
Bldg., San Francisco.
Architect—None.
(1) \$4300; (2) \$3500 each; (3) \$3800
each; (4) \$3500.

FIRE REPAIR
(3144) NO. 38 BEALE STREET. Re-
pair fire damage to stores and lofts
Owner—J. B. Enright, 1588 Liberty St.
Santa Clara, Cal.
Architect—None.
Contractor—H. D. Nichols, 1381 Stev-
enson St., S. F. \$9400

APARTMENTS
(3145) W PIERCE 55 S Union. 2-story
and basement frame apartments.
Owner—Emil Nelson, care architects.
Architect—Baumann and Jose, 251
Keary St., San Francisco. \$20,000

FLATS
(3146) E FIFTEENTH AVE. 125 N
Fulton. 2-story & basement frame
(2) flats.
Owner—Capt. Chas. Borg, 225 Lake St.,
San Francisco.
Architect—Walter C. Falch, Hearst
Bldg., San Francisco.
Contractor—G. M. Hantzsche, 455 32nd
Ave., S. F. \$8000

APARTMENTS
(3147) SE BUCHANAN & CHESTNUT
Streets. 3-story & basement frame
(12) apartments.
Owner—Mangusson and Peterson, 175
Vaquez Ave., San Francisco.
Architect—John J. Foley, 770 5th Ave.,
San Francisco. \$20,000

DWELLING
(3148) E FORTY-SECOND AVE. 100 N
Cabrillo. 1-story and basement
frame dwelling.
Owner—Burns Construction Co., 2614
McAllister St., S. F.
Architect—None. \$4000

DWELLING
(3149) NW ELEVENTH AVE. AND
Moraga. 1-story & basement frame
dwelling.
Owner—Beverly T. Hughes 1468 Haight
St., San Francisco.
Architect—None. \$3000

DWELLING
(3150) SW CABRILLO AND THIRTY-
third Ave. 1-story and basement
frame dwelling.
Owner—J. E. Dowling, 271 Russ Bldg.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$3000

FLATS
(3151) S FILBERT 161 186 211 236 W
Van Ness Ave. Four 2-story and
basement frame flats (4 flats in
each building).
Owner—Ben Liebman, 407 11th Ave.,
San Francisco.
Architect—R. R. Irvine, 736 Call Bldg.,
San Francisco. \$7000 each

DWELLINGS
(3152) S JUDSON 175 200 W Edna. 2
1-story and basement frame dwell-
ings.
Owner—K. Anderson, 133 Bertita St.,
San Francisco.
Architect—None. \$2000 each

REPAIRS
(3153) NO. 121 BUENA VISTA TER-
race. General repairs and altera-
tions for residence.
Owner—Anita Relos, 121 Buena Vista
Terrace, San Francisco.
Architect—None.
Contractor—Bruce and Ash, 1944 Web-
ster St., S. F. \$1000

GARAGE
(3154) N LOMBARD bet. Montgomery
and Winthrop. 2-story brick pri-
vate garage.
Owner—Merchants Ice and Cold Stor-
age Co., Lombard and Battery St.,
San Francisco.
Engineer—A. Torrigino, 576 Mills Bldg.
San Francisco.
Contractor—Harold Larsen, 747 Monad-
nock Bldg., S. F. \$40,000

REPAIRS
(3155) 119, 121 BEALE ST. Repair
fire damage to store and lofts.
Owner—J. E. Hopkins, 111 Montgomery
St., S. F.
Architect—None.
Contractor—J. E. Scully, Phelan Bldg.,
San Francisco. \$4500

METAL WORK
(3156) NE POST AND MASON. All
work for Campbell metal window
frames and sash, hollow metal
doors and trim sheet metal and
roofing for Medico Dental Bldg.
Owner—Medico Dental Bldg. Corp., 301
First National Bank Bldg., S. F.
Architect—Geo. W. Kelham and Wm.
G. Merchant, Sharon Bldg., S. F.
Contractor—Forderer Cornice Works,
269 Potrero, S. F.
Filed July 18, 1924. Dated May 24, 1924.
Roof only. 75%
Usual 35 days. TOTAL COST, \$19,604
Bond, \$19,604. Sureties, Globe Indem-
nity Co. Forfeit, \$100. Limit, none. Plans
and specifications not filed.

COTTAGE

(3157) W UTAH 248 S 17TH. All work for 1-story and basement cottage. Owner—Wm. H. and Effie A. Mitchell, 466 Utah St., S. F. Architect—None.
Contractor—James Low, 76 Coleridge St., S. F.
Filed July 18, 1924. Dated July 3, 1924.
Ready for roof \$1147
Brown coated 1147
Completed and accepted 1147
Usual 35 days 1147
TOTAL COST, \$4588
Bond, sureties, forfeit, none. Plans and specifications filed.

BUILDING

(3158) E ELLINGTON 80 N Naglee 40 by 130. All work except concrete foundations, painting, lighting fixtures and window shades for 1-story and basement frame building. Owner—Emanuel V. & Albin J. Dakin, 5540 Mission St., San Francisco. Architect—None.
Contractor—John P. Cuneo, 101 Amazon Ave., San Francisco.
Rough frame up \$1125
Brown coated 1125
Completed and accepted 1125
Usual 35 days 1125
TOTAL COST, \$4500
Bond, \$2250; Sureties, Louis Bacigalupi. Forfeit, none; Limit, 75 days; Plans and specifications filed.

COLLEGE

(3159) E TEXAS 550 N 22nd 571 Texas St. All work for 1-sto frame college. Owner—S. M. Kocoe, 583 Texas St., San Francisco. Architect—None.
Contractor—H. J. Kenecally, 2175 Green St., San Francisco.
Filed July 18, 1924. Dated July 17, 1924.
Frame up \$600
Brown coated 600
Completed and accepted 600
Usual 35 days 600
TOTAL COST, \$2400
Bond, Forfeit, none; Limit, Sept. 15, 1924; Plans and specifications, none.

APARTMENTS

(3160) N TWENTY-SECOND AVE 125 and 182-8 S Geary. Two two-story and basement frame apartments (8 apts. in each building). Owner—Klaus Adler, 2210 Balboa St., San Francisco. Plans by Owner. \$18,000 each

(3161) E BARTLETT 130 N 26th. Two-story and basement frame (2) flats. Owner—Otto and Johanna Martens, 3225 22nd St., San Francisco. Architect—None.
Contractor—H. S. Meinberger, 653 15th Ave., San Francisco. \$3000

ALTERATIONS

(3162) NE POST AND KEARNY. Erect marquee and remodel show windows. Owner—Mrs. Freda O. Shumate, 1901 Scott St., San Francisco. Architect—C. E. Gottschalk, Phelan Bldg., San Francisco. \$3500

DWELLING

(3163) S ULLOA 123.848 W Kensington. One-story and basement frame dwelling. Owner—E. F. Delany, 345 Mills Bldg., San Francisco. Architect—None. \$5000

DWELLING

(3164) E TWENTIETH AVE 200 S Taraval. One-story and basement frame dwelling. Owner—E. Wallace, 603 First National Bank Bldg., San Francisco. Architect—None. \$4000

ADDITIONS

(3165) NW FELL AND MASONIC AV. No. 1700 Fell. Bedroom addition and remodel for private garage in residence. Owner—Chas. W. Rebmann. Architect—E. A. Neumarkel, 544 Market St., San Francisco. \$5000

DWELLING

(3166) W HEAD 353.84 S Ashton. One story and basement frame dwelling. Owner—Kronquist & Jacobson, 725 Elizabeth St., San Francisco. Architect—A. J. Kronquist, 725 Elizabeth St., San Francisco. \$4000

FLATS

E VERMONT 100 S 18th. Two-story and basement frame (2) flats. Owner—M. B. Reveyron, 612 Kansas St., San Francisco. Architect—T. A. Sourich, 1733 Palou Ave., San Francisco.
Contractor—Co-operative Bldgs., 1733 Palou Ave., San Francisco. \$6000
NOTE—Recorded contract reported July 16, 1924, No. 3068.

RESIDENCE

(3167) W FORTY-THIRD AVE 270 N Balboa. Grading, concrete work, carpenter work and hardwood floors for one-story and basement residence. Owner—W. D. Stewart, 218 Clara St., San Francisco. Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Otto Johnson.
Filed July 19, '24. Dated July 16, '24.
NOTE—Permit reported July 14, 1924 No. 3041.

1st floor joists set \$1350
Frame up 1350
Completed and accepted 1350
Usual 35 days 1350
TOTAL COST, \$5400
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

CHURCH

(3168) NE NINETEENTH AND CONN. Rectory. Lathing and plastering for interior of frame church bldg. Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco. Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—M. M. Murphy, 440 11th Ave., San Francisco.
Filed July 19, '24. Dated July 19, '24.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$3000
Bond, limit, forfeit, none. Plans and specifications filed.

(3169) LATHING AND PLASTERING for exterior on above. Contractor—M. M. Murphy, 440 11th Ave., San Francisco.
Filed July 19, '24. Dated July 19, '24.
Payments same as above \$3100
TOTAL COST, \$3100
Bond, limit, forfeit, none. Plans and specifications filed.

FACTORY

(3170) W DORE 109 N Bryant. One-story concrete factory. Owner—F. C. Busche. Engineer—J. H. Hjul, 128 Russ St., San Francisco.
Contractor—J. H. Hjul, 128 Russ St., San Francisco. \$10,000

DWELLING

(3171) E NEPTUNE 42 S Thornton. One-story and basement frame dwelling. Owner—Joseph Capurro, — Neptune St., San Francisco. Architect—None.
Contractor—Joseph Novello, 172 Bertita St., San Francisco. \$3750

FRAME FLATS

(3172) E SANCHEZ 235 S Duboce Ave. Two-story and basement frame (2) flats. Owner—Mrs. O. Miller, 45 Sanchez St., San Francisco. Architect—None. \$8000

DWELLING

(3173) E ALVISO 300 N Holloway. One story and basement frame dwelling. Owner—M. Smith. Architect—None.
Contractor—John R. Lindsay, 55 Alviso St., San Francisco. \$7000

DWELLING

(3174) W NINTH AVE 107.34 S Moraga. One-story and basement frame dwelling. Owner—John E. McCarthy, 1479 12th Ave., San Francisco. Architect—None. \$3000

DWELLING

(3175) S RIVERA 80 W 17th Ave. One-story and basement frame dwelling. Owner—E. O. Smith, 247 Montgomery St., San Francisco. Architect—None. \$4000

DWELLING

(3176) W THIRTY-FOURTH AVE 125 S Lincoln Way. One-story and basement frame dwelling. Owner—Geo. F. Rundle, 1250 36th Ave., San Francisco. Plans by Owner. \$3200

FRAME FLATS

(3177) E CENTRAL AVE 125 N Hayes. Two-story and basement frame (4) flats. Owner—Martin Brennan, 863 40th Ave., San Francisco. Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$8000

DWELLING

(3178) E AVILA 232-6 S Capra. One-story and basement frame dwlg. Owner—T. Killerman, 1415 Hyde St., San Francisco. Architect—Lang Realty Co., Steiner & Chestnut Sts., San Francisco. Contractor—H. E. Gray, Steiner and Chestnut Sts., S. F. \$5000

DWELLING

(3179) W TWENTY-EIGHTH AVE 275 S Taraval. One-story and basement frame dwelling. Owner—A. Erickson, 256 Church St., San Francisco. Architect—None. \$5000

DWELLINGS

(3180) W TWENTY-NINTH AVE 225 and 250 S Balboa. Two one-story and basement frame dwellings. Owner—W. J. Fisher, 532 22nd Ave., San Francisco. Architect—None. \$3000 each

MARQUEE

(3181) NE POST AND KEARNY. Erect marquee. Owner—Mrs. Freda O. Shumate, 1901 Scott St., San Francisco. Architect—C. E. Gottschalk, Phelan Bldg., San Francisco. \$3500

INCINERATOR

(3182) S HOOPER 300 E Sixth. Erect incinerator, steel and brick construction. Owner—The Christensen Lumber Co., Premises. Architect—Reese Blow Pipe Mfg. Co., 340 7th St., San Francisco. Contractor—Reese Blow Pipe Mfg. Co., 340 7th St., S. F. \$6000

DWELLING

(3183) E TWENTY-SECOND AVE 33-4 S Taraval. One-story and basement frame dwelling. Owner—A. Bernhardt, 4440 20th St., San Francisco. Architect—None. \$5000

DWELLINGS

(3184) N VIENNA 50 and 75 W France. Two one-story and basement frame dwellings. Owner—J. Miller, 82 Rotteck St., San Francisco. Architect—None. \$3500 each

DWELLING

(3185) E JULES 167 S Ocean Ave. One-story and basement frame dwelling. Owner—Charles and Mary Bana. Architect—None.
Contractor—C. E. Saules, 159 Brighton Ave., San Francisco. \$4000

DWELLING

(3186) W THIRTY-FIFTH AVE 100 N Irving. One-story and basement frame dwelling. Owner—Meadowcroft & McCrea, 1239 11th Ave., San Francisco. Architect—None. \$3000

REPAIRS

(3187) NO. 34 MARKET. Repairs for windows; ratproof basement (stores and offices). Owner—E. Hirschles, Richelieu Hotel, San Francisco. Architect—None.
Contractor—Pearson & Johnson, 2031 Bryant St., San Francisco. \$1000

BUILDING

(3188) N LOMBARD 165 W Taylor W. 30xN 137-6. All work for one-story and basement frame bldg. Owner—B. Bolla, 884 Lombard St., San Francisco. Plans by Contractor.

CONTRACTORS—J. Del Favero & Co., 180 Jessie St., San Francisco.
 Filed July 21, '24. Dated July 21, '24.
 Rough plaster completed, \$1100
 All work completed, \$1100
 Usual 35 days.
TOTAL COST, \$1100
 Bond, limit, 100 days. Forfeit, none. Plans and specifications filed.

BUILDING
 (3190) **LOMBARD 196 W Taylor St., San Francisco.** All work for one-story and basement frame building.
 Owner—Antonio Guadalupe, 881 Lombard St., San Francisco.
 Architect—None.
 Contractor—J. Del Favero & Co., 180 Jessie St., San Francisco.

Filed July 21, '24. Dated July 21, '24.
 Rough plaster completed, \$1100
 All work completed, \$1100
 Usual 35 days.
TOTAL COST, \$1100
 Bond, limit, 100 days. Forfeit, none. Plans and specifications filed.

FLATS
 (3190) **S FILBERT 175 E Polk 4x137-6**
 All work for two-story and basement frame flats.
 Owner—Elsie M. O'Donnell.
 Architect—J. G. Haddock, Menadnock Bldg., San Francisco.
 Contractor—E. J. Wade, 2118-D Fulton St., San Francisco.
 Filed July 21, '24. Dated July 19, '24.
 Rough on, \$412.50
 Brown coated, \$412.50
 Completed and accepted, \$412.50
 Usual 35 days.
TOTAL COST, \$1,637.50
 Bond, \$8825. Sureties, P. Midwest and M. E. Storchman. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING
 (3191) **NE SIXTH AND STEVENSON.** Marble work for building.
 Owner—Western States Life Ins. Co., Premises.
 Architect—Reid Bros., 550 Montgomery St., San Francisco.
 Contractor—American Marble & Mosaic Co., 25 Columbia Square, S. F.
 Filed July 21, '24. Dated July 7, '24.
 Store front work completed, 75% of value of work done.
 Completed and accepted, 75% of contract less 1st payment.
 Usual 35 days.
TOTAL COST, \$1524
 Bond, \$762. Surety, American Marble & Mosaic Co. Limit, July 31, 1924. Forfeit, none. Plans and specifications filed.

(3192) WOOD WORK FOR STORE fronts on above.
 Contractor—Pacific Mfg. Co., 177 Stevenson St., San Francisco.
 Filed July 21, '24. Dated July 7, '24.
 Work delivered at building ready for erection, 75% of value done
 All work completed, 75% of additional
 Usual 35 days.
TOTAL COST, \$2550
 Bond, \$1275. Surety, American Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
 (3193) **NO. 830-840 McALLISTER ST.** Alter stores and dwelling.
 Owner—J. S. Smith, 111 Montgomery St., San Francisco.
 Architect—Al. G. Bugbee, 619 Washington St., San Francisco.
\$3000

REPAIRS
 (3194) **NO. 617 BATTERY.** Repairs to flooring in warehouse; whitewashing, glazing and painting.
 Owner—A. Nordwell, 180 Jessie St., San Francisco.
 Architect—None.
 Contractor—Chas. Coburn, 180 Jessie St., San Francisco.
\$2784

BUILDING
 (3195) **NE QUESADA 200 E Lane.** One-story and basement frame dwlg.
 Owner—Mr. and Mrs. Chas. Warner, 341 26th St., San Francisco.
 Architect—None.
 Contractor—A. J. McKinley, 258 Carl St. and Frank J. Prosek, 245-A Carl St., San Francisco.
\$4000

DWELLING
 (3196) **S TWENTY-SECOND 60 E Vicksburg.** One-story and basement frame dwelling.
 Owner—Lillian Goltzene, 3 Vicksburg St., San Francisco.
 Architect—None.
 Contractor—C. Goltzene, 3 Vicksburg St., San Francisco.
\$2500

ALTERATIONS
 (3197) **NO. 221 TWENTY-SEVENTH Ave.** Remodel and construct 6-room and basement addition to dwelling.
 Owner—Mrs. J. Hedrick, 351 27th Ave., San Francisco.
 Architect—D. E. Hedrick.
 Contractor—D. E. Hedrick, 351 27th Ave., San Francisco.
\$3000

DWELLING
 (3198) **N JUDAH 95 E 15th Ave.** One-story and basement frame dwelling.
 Owner—T. Lazzareschi, 2200 Larkin St., San Francisco.
 Architect—None.
Cost, \$5900

DWELLINGS
 (3199) **W NINTH AVE 25 and 50 N Pacheco.** Two one-story and basement frame dwellings.
 Owner—Geo. J. Steiger, Jr., Contractor.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
\$3000 ea

DWELLING
 (3200) **NW PACHECO & NINTH AVE.** One-story and basement frame dwelling.
 Owner—J. E. Nichols, % Contractor.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
\$4000

DWELLINGS
 (3201) **N PACHECO 107-6 and 132-6 W Ninth Ave.** Two one-story and basement frame dwellings.
 Owner—A. C. Davis, % Contractor.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
\$3000 ea

DWELLINGS
 (3202) **W NINTH AVE 75 N Pacheco; N Pacheco 132-6 W Ninth Ave.** Two one-story and basement frame dwellings.
 Owner—E. E. Tucker, % Contractor.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
\$3000 ea

DWELLING
 (3203) **E JULES 125 S Holloway.** One-story and basement frame dwelling.
 Owner—Hinkel Bros., 1204 Castro St., San Francisco.
 Architect—None.
\$3000

DWELLING
 (3204) **N MISSION 55 E Foote.** Two-story frame store and dwelling.
 Owner—L. J. Chiappari, Foot Ave. near Mission St., San Francisco.
 Architect—W. J. Kronquist, 725 Elizabeth St., San Francisco.
 Contractor—Kronquist & Jacobson, 725 Elizabeth St., S. F.
\$5000

STORES
 (3205) **N GEARY 50 and 100 W 20th Ave.** Two one-story concrete stores.
 Owner—Alfred R. Fritsch, Mills Bldg., San Francisco.
 Architect—None.
 Contractor—Louis Johnson, 729 Occidental Ave., San Mateo.
\$13,000 each

DWELLINGS
 (3206) **W DELANO 25 AND 50 N San Juan.** Two 1-story and basement frame dwellings.
 Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
 Architect—None.
\$3000 each

DWELLING
 (3207) **S GENEVA 105 E Athens.** 1-story and basement frame dwlg.
 Owner—John Dahl, 430 Crescent Ave., San Francisco.
 Architect—None.
\$3800

ADDITION
 (3208) **233 SCOTT ST.** Additional story for apartments.
 Owner—H. P. Coussette, premises.
 Architect—Fabre & Hildebrand, 110 Sutter St., S. F.
\$5000

RESIDENCE
 (3209) **E BAKER 87-6 N Geary.** 2-story and basement frame residence.
 Owner—J. Rossi, 2558 Sutter St., S. F.
 Architect—None.
 Contractor—Devenenzi Bros., 1082 Union St., S. F.
\$4000

(3210) **E BRUSSELS 50 S Felton.** 1-story and basement frame dwlg.
 Owner—Joe Blum, 212 Silliman St., San Francisco.
 Architect—None.
\$3000

DWELLINGS
 (3211) **E CAPISTRANO 203 AND 228 N Santa Rosa.** Two 1-story and basement frame dwellings.
 Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
 Architect—None.
\$3000

CONCRETE BLDG.
 (3212) **RAW PLUM 175 NE NINTH.** 1-story concrete manufacturing plant.
 Owner—Jennie Perry, 1332 Lombard St., San Francisco.
 Architect and contractor—The Helbing Co., 1332 Lombard St., S. F.
\$15,000

(3213) **N GREEN 67-7 1/5 E Franklin.** 2-story and basement frame (2) flats.
 Owner—Mason & Pierce, 1611 Vallejo St., S. F.
 Architect—Ed. Mussen Sharpe, 60 Sansome St., S. F.
\$8000

FOUNDATIONS, ETC.
 (3214) **E COLERIDGE 50 N Courtland.** Concrete foundation; underpinning, cement flooring for dwlg.
 Owner—J. Cronin, 208 Coleridge St., San Francisco.
 Architect—None.
\$1000

SHEET METAL, ETC.
 (3215) **A. P. A. BLDG. ADJ. 101 California St. and 111 California St.** All work for sheet metal work and register flaps for ventilating system for 1st, 2nd and 3rd floors of office bldg. California Packing Corp.
 Owner—California Packing Corp., 101 California St., S. F.
 Engineer—P. L. Bush, 101 California St., San Francisco.

Contractor—Ace Sheet Metal Works, 1500 Guerrero, S. F.
 Filed July 22, 1924. Dated July 18, 1924.
 Work in place \$800
 Additional % work in place 800
 Completed and accepted 905
 36 days after 235
TOTAL COST, \$2440

Bond, \$340. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 50 days. Plans and specifications filed.

RESIDENCE
 (3216) **COM. AT POINT DISTANT NW** 100 from NW Tiffany Ave. and 432 from N 29th. NE 25 NW 105-57 to SE San Jose Ave. SW 25-54 m'or l SE 100-66, portion Tiffany & Dean Tract. All work for 2-story and basement frame residence.
 Owner—Catherine Kelly, 208 Winfield Ave., S. F.
 Architect—None.
 Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F.
 Filed July 22, 1924. Dated July 19, 1924.

Frame up \$1562.50
 Brown coated 1562.50
 Completed 1562.50
 Usual 35 days 1562.50
TOTAL COST, \$6250

Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.

COTTAGES
 (3217) **E THERESA 143-52 S San Jose Ave., S 50 x E 100, Lots 33 and 34, Demartini Tract.** All work for two 1-story and basement cottages.
 Owner—Peter Berta, 321 Eureka St., San Francisco.
 Architect—Geo. H. Wiemeyer, 57 Post St., S. F.
 Contractor—J. C. Boitano, 212 Theresa St., S. F.

Filed July 22, 1924. Dated July 21, 1924.
 Rough frames up \$1820
 Brown coated 1820
 Completed and accepted 1820
 Usual 35 days 1820
TOTAL COST, \$7280
 Bond, \$3640. Sureties, Antonio and John Devenenzi. Forfeit, none. Limit, 90 days. Plans and specifications filed.

FLATS
(3218) S FULTON 156-3 W Clayton.
Two-story and basement frame (2)
flats.
Owner—G. Boschetto.
Architect—None.
Contractor—J. H. Stephenson, 2626 26th
Ave., San Francisco. \$10,000

WAREHOUSE
(3219) E TRISON 108 S 19th. Three
story brick warehouse.
Owner—George Wagner, 181 South
Park, San Francisco.
Architect—Meyer & Johnson, 742 Mar-
ket St., San Francisco. \$50,000

RESIDENCE
(3220) N WASHINGTON 123-9 W
Cherry. Two-story and basement
frame residence.
Owner—E. C. Fleischmann, 941 Mission
St., San Francisco. \$12,500
Architect—None.

GARAGES
(3221) W CHURCH 65 S Twenty-
fourth. One-story frame private
(3) garages.
Owner—F. Hoffman.
Architect—None. \$1200

DWELLING
(3222) W HALE 100 E Merrill. One-
story and basement frame dwelling
Owner—John Stanley, 153 Brussels St.,
San Francisco. \$3000
Plans by Owner.

UNDERPINNING, ETC.
(3223) E COLERIDGE 50 N Courtland.
Concrete foundations; underpinning
for dwelling.
Owner—J. Cronin, 208 Coleridge St.,
San Francisco. \$1000
Architect—None.

ALTERATIONS
(3224) S TWENTY-THIRD 50 E Bart-
lett. Remodel rear of structure for
(3) stores; new fronts; ratproof
flooring, etc.
Owner—Henry Tom Nohrdren, 462 17th
Ave., San Francisco.
Architect—None.
Contractor—Wm. Horstmeier Co., 31
Ord St., San Francisco. \$1500

ALTERATIONS
(3225) E OCTAVIA 137-6 S California.
Remodel for private garage.
Owner—M. A. Hunt, 1332 Lombard St.,
San Francisco.
Architect—The Helbing Co., 1332
Lombard St., S. F. \$1000

DWELLINGS
(3226) N STAPLES 175 and 200 W De-
troit. Two one-story and basement
frame dwellings.
Owner—James A. Arnott, 235 Granville
Way, San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235
Granville Way, S. F. \$3000 each

STOREHOUSE
(3227) E MORRIS AVE 120 S Harri-
son. One-story frame storehouse.
Owner—Schulken Bros., 210 Clara St.,
San Francisco.
Architect—None.
Contractor—Mattock & Feasey, 210
Clara St., San Francisco. \$5000

MARKET
(3228) W THIRD 79 S Oakdale. One-
story brick grocery and meat mar-
ket.
Owner—L. Simmen and J. Boasso, 4426
3rd St., San Francisco.
Architect—None.
Contractor—T. L. Sharman (day work)
\$4800

DWELLINGS
(3229) N BRUCE 425 E Harold; E
Faxon Ave 300 and 225 N La View
N Staples 225 W Detroit. Four one
story and basement frame dwlg.s.
Owner—The McCarthy Co., 316 Bush St.,
San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235
Granville Way, S. F. \$3000 each

OFFICES & STORES
(3230) S MARKET 225 E 7th. 6-story
and basement steel frame offices
and stores.
Owner—Marian Realty Co., 1171 Mar-
ket St., San Francisco.
Architect—Rousseau & Rousseau, Inc.
1171 Market St., S. F. \$150,000

PLASTERING ETC.
(3231) 2676 CALIFORNIA ST. Plaster-
ing, bath room partitions, etc.,
for residence.
Owner—Mrs. M. B. White, premises.
Architect—None.
Contractor—C. T. Weeks, 2805 16th St.,
San Francisco. \$1000

DWELLING
(3232) W BRUSSELS 125 S Wayland.
1-story and basement frame dwlg.
Owner—Mario A. Perini, 879 Green-
wich St., San Francisco. \$3000
Architect—None.

APARTMENTS
(3233) W TWENTY-FIFTH AVE. 300
N California. 2-story and basement
frame (4) apartments.
Owner—Cesare and Frank DeMartini,
619 27th Ave., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th
Ave., San Francisco. \$9000

APARTMENTS
(3234) E LEAVENWORTH 100 N Fil-
bert. 9-story and basement frame
(12) apartments.
Owner—Dr. J. W. Robertson, 1133
Greenwich Terrace, San Francisco
Architect—None.
Contractor—J. Del Favero & Co., 180
Jessie St., San Francisco. \$30,000

FIXTURES ETC.
(3235) GORE CORNER ELLIS AND
Market Sts. Install bank fixtures
and stairway.
Owner—Anglo-California Trust Co.,
Market and Sansome Sts., S. F.
Architect—Meyer & Johnson, 742 Mar-
ket St., San Francisco.
Contractor—Geo. Wagner & Co., 181
South Park. \$10,000

GARAGE
(3236) S EDDY 137-6 W Hyde W 68-9
x S 137-6. All work for 2-story and
basement garage bldg.
Owner—Margaret Bell and E. H. Denke
1317 Hyde St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St.,
San Francisco.
Contractor—E. W. N. Bowes & J. Bell,
1317 Hyde St., San Francisco.
Filed July 23, 1924. Dated July 22, 1924
Main floor joists poured.....\$15,000
Reinforced concrete completed 15,000
Bldg. completed.....15,000
Usual 35 days.....15,000
TOTAL COST, \$60,000
Bond, Forfeit, none; Limit, 70 days;
Plans and specifications filed.

CONCRETE WORK
(3237) S EDDY 137-6 W Hyde 68-9 by
137-6. Concrete and cement
work and trenches for footings of walls
and piers for 2-story and basement
garage building.
Owner—Margaret Bell by Bowes and
Bell, 2507 Pine St., S. F.
Architect—E. H. Denke, 1317 Hyde St.
San Francisco.
Sub-Contractor—Mission Concrete Co.,
180 Jessie St., San Francisco.
Filed July 23, 1924. Dated July 22, 1924
Main floor poured.....\$4999
Rein. conc. work completed.....5000
Completed and accepted.....5000
Usual 35 days.....5000
TOTAL COST, \$19,999
Bond, Forfeit, Limit, none; Plans and
specifications filed.

RESIDENCE
(3238) N SEA CLIFF AVE PRO-
duced distant S 83 deg. 32 min.
W 339.099 from SW Cor Lot 76 map
sub 1 Sea Cliff N 3 deg 23 min W
148.455 S 88 deg W 40.011 S 3 deg
23 min E 151.575 N 83 deg 32 min
W 2.668. All work for frame resi-
dence.

Owner—Pacific Motor Supply Co. Inc.,
1440 Market St., San Francisco.
Architect—Earle E. Bertz, 168 Sutter
St., San Francisco.
Contractor—Schultz Construction SCo.,
46 Kearny St., San Francisco.
Filed July 23, 1924. Dated July 22, 1924
Roof rafters in place.....\$6000
Brown coated.....6000
Completed and accepted.....6000
Usual 35 days.....6000
TOTAL COST, \$24,000
Bond, \$24,000; Sureties, Hartford Acci-
dent and Indemnity Co.; Forfeit,
none; Limit, 120 days; Plans and specifi-
cations filed.

SHEET METAL WORK
(3239) LOTS 6, 7 & 17 BLK. BDED.
by L. L. Ledwith. Commercial, San-
some and Sacramento. Sheet metal
work for substation J.
Owner—Pacific Gas & Electric Co., 445
Sutter St., San Francisco.
Architect—None.

Contractor—Capitol Art Metal Co., Inc.,
1133 Howard St., San Francisco.
Filed July 23, 1924. Dated July 12, 1924
Completed and accepted.....75%
Usual 35 days.....25%
TOTAL COST, \$1545
Bond, \$775; Sureties, New Amsterdam
Casualty Co.; Forfeit, none; Limit, July
26, 1924; Plans and specifications filed.

BUNGALOW
(3240) E TWENTIETH AVE 200 S
Taraval S 33-4 x E 120. All work
for 1-story and basement bunga-
low.

Owner—Emma C. Wallace, 603 First
National Bank Bldg., S. F.
Architect—Albert J. Fabre & Ernest H.
Hildebrand, 11 Sutter St., S. F.
Contractor—Meyer Bros., 1 Montgom-
ery St., San Francisco.
Filed July 23, 1924. Dated July 11, 1924
Frame up & roof sheathed.....\$1350
Brown coated.....1350
Completed and accepted.....1350
Usual 35 days.....1350
TOTAL COST, \$5400
Bond, \$2700; Sureties, Anna Meyer,
Theodore G. Meyer; Forfeit, none; Lim-
it, 95 days; Plans and specifications
filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
July 14, 1924 — N TWENTY-NINTH	July 16, 1924
203 W Church W 25-5 x N 114.	
G. & A. Fazio to Geo. J. Merritt	
Bldg. Co., Inc.	July 17, 1924
July 17, 1924 — SE 15TH AVE. 216 S	
Anza S 48 x E 127-6. Emma West	
Silvers to H. S. Meinberger	July 17, 1924
July 17, 1924 — SW NORTH POINT	
and Laguna S 250 x W 250. Pa-	
cific Gas & Electric Co. to J. E.	
Johnson as J. E. Johnson Co.	July 11, 1924
July 17, 1924 — SE STEVENSON 275	
NW 6th and extending NE along	
SE Stevenson 137-5 x SE 70. Pa-	
cific Gas & Electric Co. to Albert	
J. and Frederick Wilson as Will-	
iam P. Wilson Co.	July 10, 1924
July 17, 1924 — W 28TH AVE. 300 N	
Clement N 25 x 120, 347 and 349	
28th Ave. Henry L. and Blanche	
Porter to Edw. E. Mansau.	July 16, 1924
July 17, 1924 — SE PAGE AND OC-	
tavia E 27-6 x S 60. Clara A. and	
H. A. Berch to McCauley & Weber	July 16, 1924
July 17, 1924 — SE 18th St. 180 E	
E 26-8 x S 114 S Army 160 E Noe	
E 26-8 x S 114. Margaret Grant	
to A. A. Merrifield.	July 17, 1924
July 17, 1924 — W GRANVILLE WAY	
398 N Ulloa N 30 x W 120. Earl	
H. Binder to J. H. Mogh.	July 17, '24
July 17, 1924 — W THIRTY-FOURTH	
Ave 250 S Lincoln Way S 225x120.	
A C Johnson to whom it may con-	
cern.	July 17, 1924
July 17, 1924 — COM. ON JACKSON 60	
E Arguello Blvd E 47-6 N 64-8 1/2	
SW to pt 47-6 from E line lot	
measured on line perpendicular to	
latter. S to beg Phil K and Grace	
P Bekeart to Wm F Wilson Plumb-	
ing Co.	July 11, 1924
July 17, 1924 — LOT 23 BLK 15, Lake-	
view. Meyer Bos to whom it may	
concern.	July 16, 1924
July 17, 1924 — SW BEACH & GRANT	
Ave W 275xS 137-6. Otis Elevator	
Co to California Artistic Metal &	
Wire Co.	July 14, 1924
July 17, 1924 — W EIGHTH AVE 125 S	
Lincoln Way. John Stein to whom	
it may concern.	July 17, 1924
July 17, 1924 — SE TARAVALL AND	
22nd Ave S 32-4 x E 120. Zorka	
Stitt to Halsen & Siobloom.	July 15, 1924
July 17, 1924 — E FORTY-SIXTH AV	
250 N Fulton 25x120. Oliver S and	
Grace Almie to whom it may con-	
cern.	July 17, 1924
July 17, 1924 — N GREEN 76 E Frank-	
lin 25x87-1. George Mason and	
Thurston Pierce to whom it may	
concern.	July 17, 1924

July 22, 1924—LOT 10 BLK 2288-A
Laguna Honda Park. Hawkins
Improvement Co. to whom it may
concern. July 21, 1924

July 23, 1924—COM. 230 N 5° 50' E
S. Jefferson and E. Mason E. Lohs
S. 50°. Pacific Gas & Electric Co. to
George Windeler Co. July 17, 1924

July 23, 1924—W TWENTY-THIRD
Ave 375 N Clement 25x150 No. 235
and 237. July 23, 1924
Agreement to John Little & Son.
July 15, 1924

July 23, 1924—W FORTY-SEVENTH
Ave 240 N Cabrillo N 30xW 120.
Frederick Huelter to Meyer Bros.
July 23, 1924

July 23, 1924—NW TWENTY-SECOND
and Valencia N 50xW 82-6.
The Hibernia Savings & Loan So-
ciety to Monson Bros. July 19, 1924

July 23, 1924—NE POWER & L
N 137° E E 25' 40" S 20' 25" E
E. (tzhugh) to Ames Harris Neville
Co. July 16; The Turner Co. July
15; Scott Co. July 6; Pacific Mfg Co.
July 15; Sibley Grading & Teaming
Co. July 14, 1924

July 23, 1924—SE 37° 30' E
Howard SE 45-10XNE 137-6. Payne's
Bolt Works to A F Mattock and
A H Feasey. July 21, 1924

July 23, 1924—E FORTY-FOURTH
Ave 175 S Geary S 25x E 120. Chas
M Hawthorne to Meyer Bros.
July 17, 1924

July 23, 1924—COM. 230 N 85° 40' E
137 N 4° 20' W from int S Hum-
boldt and E Georgia N 4° 20' W 25
N 85° 40' E 25 S 40' E 20' 25' W 25
40' 40' m. July 25, 1924
Pacific Gas & Electric Co. to W Heidt Cornice
& Works. July 19, 1924

July 17, 1924—E 30TH AVE. 125 S
Taraval N 25 x E 120. Reinhart
Lumber & Planing Mill Co., McCau-
ley & Weber, vs. Alfred E. and
Theresa Nauman. \$1400.00
July 18, 1924—N CHESTNUT 21139 W
Baker W 30xN 100. M. 2652 Chest-
nut. Portman's Planing Mills.
\$684.32; Toomey Co. \$470 vs Clifton
Driscoll.
July 19, 1924—E 75TH ELLIS AND
Stockton N 162-6 E 75 N 30 E 12-6 S
4-8% E 29.2 S 117-9-4 to NE Mar-
ket SW 120-9% to pt Ellis 18-7% E
from pt Intersection to NE Mar-
ket W 120-9% to pt. Richard Lynch
vs Martin Lyden, Mary L Phelan
and Alice Phelan Sullivan.\$13
July 19, 1924—SE PAGE AND OC-
tavia E 27-6 S 60.
Metal Roofing Co. vs A and Clara A
and McCauley & Weber. \$240

July 17, 1924—LOT 23, BLK. 2975
 Claremount Court. Jas. E. Lennon
 Lime and Cement Co. vs. Robert D.
 and Rita L. Tobin, McCauley &
 Weber \$295

July 21, 1924—LOT 23 BLK 2975,
 Claremount Court. Reinhart Lumber
 & Planing Mill Co and W H
 Zillmer to Robt D and Rita L
 Tobin

July 22, 1924—S ELLIS AND NW
Market. Westbank Co as to im-
provements on property.....
July 23, 1924—W MISSION 112-6 N
Twenty-second. O'Brien Kiernan
Invst Co et al as to improvements
on property

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BUILDING CONTRACTS

ALAMEDA COUNTY
\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.	
3710	Alameda	Owner	15000	
3711	Mawer	Nibel	4500	
3712	Peso	Barham	6000	
3713	Lewis	Walker	10000	
3714	Santa Fe	Owner	25000	
3715	Pescio	Keogh	10000	
3716	Blanks	Kopf	3700	
3717	Henwelcke	Owner	5000	
3718	Vallery	Owner	2850	
3719	Freeman	Brennan	2000	
3720	Sherako	Owner	2500	
3721	Deering	Stolte	2550	
3722	Boitano	Owner	2250	
3723	Marshall	Owner	4950	
3724	Anderson	Owner	6000	
3725	Moore	Owner	8000	
3726	Gowanlock	Durgin	4700	
3727	City Piedmont	Edwards	1330	
3728	Zeite	Owner	5000	
3729	Millis	Long	2500	
3730	Lewis	Thaxter	Owner	4000
3731	Clark	Owner	3800	
3732	Muller	Owner	3200	
3733	Frazier	Owner	3300	
3734	Serba	Cisero	3000	
3735	Parsons	Owner	1900	
3736	Rourke	McCarthy	8000	
3737	Smith	Owner	4000	
3738	Peterson	Peterson	2250	
3739	Cronin	Wolfe	2000	
3740	Knolly	Owner	4000	
3741	Timmins	Thompson	16000	
3742	Timmins	Thompson	6000	
3743	Easton	Kulchar	1000	
3744	Hunt	Owner	1000	
3745	Fischer	Richards	3300	
3746	Noble	Owner	3000	
3747	Davis	Barr	3125	
3748	Hass	Cuthbertson	6500	
3749	Pall	Harvey	2200	
3750	Arnhart	Houck	4000	
3751	Frest	Owner	6000	
3752	Meagher	Yerrick	10,000	
3753	Auchinleck	Lundberg	...	
3754	Cort	Cort	50000	
3755	Richardson	Smith	1000	
3756	MacFarlane	McIntire	14000	
3757	MacGregor	Owner	2850	
3758	MacGregor	Owner	2700	
3759	Helrank	Hansen	45000	
3760	Berkeley	Catton	9883	
3761	Graham	Carpenter	3500	
3762	Ervaldius	Owner	3000	
3763	Costa	Owner	2200	
3764	Wright	Owner	2200	
3765	Ricker	Rose	1413	
3766	Tomlinson	Baird	9800	
3767	Parsons	Owner	10000	
3768	Neary	Peters	4250	
3769	Davis	Callif	6000	
3770	Silva	McDonald	5000	
3771	Baker	Owner	3000	
3772	Fonjes	Meyers	4500	
3773	Whalen	Owner	5000	
3774	Francconio	Owner	3500	
3775	Garfield	Owner	1200	
3776	Cunningham	Pedersen	2600	
3777	Worden	Owner	4000	
3778	California	Parker	5763	
3779	Parkinson	Parkinson	2900	
3780	Pavert	Owner	11850	
3781	Pavert	Owner	20700	
3782	Williams	Owner	4000	
3783	Pollard	Hawkins	14000	
3784	Pollard	Owner	2000	
3785	Kuzniorski	Jaronski	3500	
3786	Williams	Brown	14000	
3787	Chalmers	Bates	14000	
3788	Johnson	Johnson	9000	
3789	Page	Owner	6000	
3790	Houck	Owner	6000	
3791	Edgar	Wren	3000	
3792	Williams	Brown	1000	
3793	Lister	Graeber	3500	
3794	Mutchmor	Matteson	3000	
3795	Spencer	Owner	1200	
3796	Crescent	Lyon	4600	
3797	England	Wiand	1920	
3798	Cruss	Estes	5900	
3799	Berkeley	Owner	3000	
3800	Blasingame	Owner	3000	
3801	Waye	Owner	4250	
3802	Hovey	Stone	6000	
3803	Fish	Owner	4500	
3804	O'Connell	Owner	2650	
3805	Andrews	Owner	3175	
3806	Brown	Wagner	6500	
3807	Fenn	Parks	1500	
3808	Combs	Taylor	2250	
3809	Ness	Owner	2000	
3810	Murlin	Patterson	5000	
3811	Sherman	Arnold	2000	
3812	Young	Owner	3500	
3813	Seng	Owner	2000	
3814	City	Faulkes	3000	

3815	Athens	MacDonald	1000000
3816	City	Faulkes	1500
3817	City	Paulkes	13500
3818	Central	Leiter	20000
3819	Beasley	Williams	12000
3820	Sixth	Maurice	3350

(Correction in owner's address).

ALT. & ADDITION
(3670) 4362 EVERETT, Oakland. Alt. and addition.
Owner—Mrs. M. A. Percy, 461 Bellevue Ave., Oakland.
Architect—None.
Contractor—Dildine & Knight, 378 63rd St., Oakland. \$5500

(Correction in owner's address).

DWELLING
(3671) 3007 FIFTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. Benjergers, 2129 E 24th St., Oakland. \$3500
Architect—None.

(Correction in owner's name).

DWELLING
(3677) W RITCHIE ST. 140 S Foothill Blvd., Oakland. 1-story 5-rm dwlg.
Owner—Randall & Stutterd.
Architect—None.
Contractor—J. A. Henas, 6922 Arthur St., Oakland. \$3000

(Correction in contractor's address).

DWELLING
(3678) SE COR. SEVENTY-EIGHTH AVE. and Beck St., Oakland. 1-story 4-room dwelling.
Owner—John Johnson, 75th Ave., Oakland.
Architect—None.
Contractor—Chris. Johnson, 3059 Curran Ave., Oakland. \$2000

DWELLINGS

(3710) 1623-27-31-35-39 TENTH ST., Berkeley. 5 dwellings.
Owner—Alameda Investment Co., 703 Syndicate Bldg., Oakland.
Architect—None. \$3000 each

DWELLING

(3711) 223 STUART ST., Berkeley. Dwelling.
Owner—Mrs. Mawer, 2330 Dwight Way, Berkeley.
Architect—None.
Contractor—Nibel & Manaugh, 1912 Grove St., Berkeley. \$4500

GARAGE

(3712) 2210 SAN PABLO AVE., Berkeley. Garage.
Owner—Mr. Peso, Berkeley.
Architect—F. W. Smith, American Bk. Bldg., Oakland.
Contractor—J. L. Barham, Apgar St., Oakland. \$6000

APARTMENTS

(3713) N FIFTY-FIFTH ST. 65 E Sturck Ave., Oakland. 2-story frame 13-room (4) apts.
Owner—Lewis & Mitchell, 412 15th St., Oakland.
Architect—None.
Contractor—S. C. Walker, 3231 Boston Ave., Oakland. \$10,000

GARAGE & STABLE

(3714) E CLAY ST. Bet. 4th and 5th St., Oakland. 1-story 2-room brick garage and stable.
Owner—Santa Fe Express & Drayage Co., 672 9th St., Oakland. \$25,000
Architect—None.

ALTERATIONS

(3715) 5349 MILES AVE., Oakland. Alterations.
Owner—John Pescio, 5349 Miles Ave., Oakland.
Architect—None.
Contractor—Dan Keogh 5627 Miles Ave Oakland. \$1000

DWELLING

(3716) 824 EVERETT AVE., Oakland. 1-story 4-room dwelling.
Owner—Blanks Everett, 16th & Jefferson, Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. \$3700

DWELLING

(3717) E GROSVENOR PLACE 130 S Sunnyhill Rd., Oakland. 2-story 5-room dwelling.
Owner—N. H. Hewelcke, 1708 Chestnut St., Oakland.
Architect—Nne. \$5000

DWELLING
(3718) 3624 MAPLE AVE., Oakland. 1-story 6-room dwelling.
Owner—H. L. Valleroy, 3636 Maple Ave Oakland.
Architect—None. \$2850

SHOP

(3719) 2518 TELEGRAPH AVE., Oakland. 1-story 1-story shop.
Owner—F. J. Freeman, Grove St., Oakland.
Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley. \$2000

DWELLING

(3720) 1443 SEVENTY-EIGHTH AVE., Oakland. 1-story dwelling.
Owner—C. S. Sherako, 2nd Ave., Oakland.
Architect—None. \$3800

ALTERATIONS ETC.

(3721) 2103 NINTH AVE., Oakland. Alterations and additions.
Owner—Mrs. Frank Deering, 2103 9th Ave., Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. \$2550

DWELLING

(3722) E EIGHTY-SECOND AVE. 125 A St., Oakland. 1-story 4-rm dwlg.
Owner—John Boitano, 1724 82nd Ave., Oakland.
Architect—None. \$2250

DWELLING

(3723) W PRESSLEY WAY 275 S Chabot Rd., Oakland. 2-story 6-room dwelling.
Owner—F. J. Marshall Jr., New Bank of Italy Bldg., Oakland.
Architect—None. \$4950

DWELLING

(3724) N MILLS ST. 120 & 150 E of 62nd Ave., Oakland. 2 1-story 5-room dwellings.
Owner—A. T. Anderson, 2248 62nd Ave. Oakland.
Architect—None. \$3000 each

DWELLINGS

(3725) N E TWENTY-FIRST ST. 115 and 147 W. Mitchell St., Oakland. 1-story 5-room dwelling and 1-story 6-room dwelling.
Owner—E. H. Moore, 319 21st St., Oakland.
Architect—None. \$3500 & \$4500

WAREHOUSE

SW CORNER TWELFTH & CASTRO Sts., Oakland. 1-story brick warehouse.
Owner—Bowman Drug Co., 13th and Broadway, Oakland.
Architect—Leonard H. Thomas, 1973 90th Ave., Oakland.
Contractor—Geo. A. Scott, 685 23rd St., Oakland. \$26,000
NOTE—Recorded contract reported July 11, 1924 No. 3602.

BUNGALOW

(3726) 1560 LINCOLN AVE., Alameda. All work for Two 3-room bungalows and double garage.
Owner—Florence Gowanlock, 1560 Lincoln Ave., Alameda.
Architect—None.

Contractor—F. W. Durgin Jr. & F. W. Durgin, 2174 University Ave., Berkeley.
Filed July 17, 1924. Dated July 17, 1924
Total cost plus 10% commission guaranteed limit of cost of construction not to exceed \$1500.
TOTAL COST, \$—
Bond, \$—; Sureties, Fidelity and Deposit Co. of Maryland; Forfeit, none; Limit, 90 days after July 17, 1924; Plans and specification filed.

HEATING ETC.

(3727) POR LOTS 2 & 3 BLK 3 Revised map of Piedmont Park, Piedmont. Heating and oil burning system, etc. for 1-story and basement structure (city hall and fire house).
Owner—City of Piedmont.
Architect—Frederick H. Meyer and Albin R. Johnson, Bankers investment Bldg. San Francisco.
Contractor—Frank J. Edwards, 742 Market St., San Francisco.
Filed July 16, 1924. Dated June 20, 1924
1st of each month75%
Usual 35 days25%
TOTAL COST, \$1330
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

DWELLING
(3724) 1977 ELDORADO AVE., Berkeley, Dwelling.
Owner—Carl U. Zelle, 2544 Milvia St., Berkeley.
Designer—Carl U. Zelle, 2544 Milvia St., Berkeley.
Contractor—Carl U. Zelle, 2544 Milvia St., Berkeley. \$5000

DWELLING
(3729) 1544 LINCOLN AVE., Berkeley. Dwelling.
Owner—Alma Mills, 1628 California St., Berkeley.
Architect—Roy Long & Co., 2114 Shattuck Ave., Berkeley. \$2500

RESIDENCE
(3730) 2141 VIRGINIA ST., Berkeley. Residence.
Owner—F. W. Lewis, 5931 Telegraph Ave., Oakland.
Architect—None.
Contractor—F. W. Thaxter, 86 El Cammino Real, Berkeley. \$15,000

DWELLING
(3731) 1705 TENTH ST., Berkeley. Dwelling.
Owner—James Clark, 1707 10th St., Berkeley.
Architect—None. \$4000

STORE
(3732) E PIEDMONT 100 N Montell Ave., Oakland. 1-story 1-rm frame store.
Owner—F. A. Muller, 805 Syndicate Bldg., Oakland.
Architect—None. \$3800

DWELLING
(3733) S BRANN 200 W Havenscourt Blvd., Oakland. 1-story 5-room dwelling.
Owner—Jos. V. Frazier, 2324 Peralta Ave., Oakland.
Architect—None. \$3200

DWELLING
(3734) N FORTY-SECOND ST. 90 W Market St., Oakland. 1-story 4-room dwelling.
Owner—C. Sorba, 4723 West St., Oakland.
Architect—None.
Contractor—J. Cisero, 698 43rd St., Oakland. \$3000

(3735) 3634 MAGEE AVE., Oakland. 1-story 2-room dwelling.
Owner—M. L. Parsons, 3634 Magee Ave., Oakland.
Architect—None. \$1000

DWELLING
(3736) S TRESTLE GLEN RD. 100 W Brookwood, Oakland. 2-story 7-rm dwelling.
Owner—J. G. Rouke.
Architect—Albert Farr, 2083 Oakland Ave., Piedmont.
Contractor—John McCarthy, 6115 San Pablo Ave., Oakland. \$8000

DWELLING
(3737) E SIXTY-SEVENTH AVE. 440 N Avenal Ave., Oakland. 1-story 6-room dwelling.
Owner—G. P. Smith, 6682 E-14th St., Oakland.
Architect—None. \$4000

DWELLING
(3738) S RUDSDALE ST. 135 E 75th Ave., Oakland. 1-story 4-room dwelling.
Owner—Mrs. A. M. Peterson 7519 Rudsdale, Oakland.
Architect—None.
Contractor—L. W. Peterson, 7519 Rudsdale, Oakland. \$2250

DWELLING
(3739) 2044 DAMUTH ST., Oakland. 1-story 4-room dwelling.
Owner—Edward F. Cronin, 2044 Damuth St., Oakland.
Architect—None.
Contractor—B. F. Wolfe, Fresno. \$2000

DWELLING
(3740) N BROOKDALE AVE 180 E Monticello Ave., Oakland. 1-story 5-room dwelling.
Owner—C. D. Knolty, 4626 Walnut Ave., Oakland.
Architect—None. \$4000

DWELLINGS
(3741) S MORAGA AVE. 242 282 322 & 362 E Pleasant Valley Ave., Oakland. Four 1-story 6-room dwlg.

Owner—Frank Timmins, 16th and San Pablo Ave., Oakland.
Architect—None.
Contractor—E. L. Thompson, 545 17th St., Oakland. \$4000 each

DWELLING
(3742) S MORAGA AVE. 402 & 442 E Pleasant Valley Ave., Oakland. Two 1-story 5-room dwellings.
Owner—Frank Timmins, 16th and San Pablo Ave., Oakland.
Architect—None.
Contractor—E. L. Thompson, 545 17th St., Oakland. \$3000 each

ALTERATIONS
(3743) NE COR. THIRTEENTH AND Broadway, Oakland. Alterations.
Owner—Easton Bldg., 13th & Broadway, Oakland.
Architect—None.
Contractor—S. Kulchar Co., 10th and Park Way, Oakland. \$1000

DWELLING
(3744) NO. 836 CENTRAL AVE., Alameda. One-story 3-room dwlg.
Owner—G. C. Hunt, 834 Central Ave., Alameda.
Architect—None.
Contractor—G. C. Hunt, 834 Central Ave., Alameda. \$1000

DWELLING
(3745) NO. 1630 BAY ST., Alameda. One-story 5-room dwelling.
Owner—O. Fischer, 1533 Lincoln Ave., Alameda.
Architect—None.
Contractor—L. D. Richards, 1614 Bay St., Alameda. \$3300

DWELLING
(3746) NO. 1029 VERSAILLES AVE., Alameda. One-story 5-room dwlg.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. \$3000

ADDITION
(3747) NO. 901 PARU ST., Alameda. Addition.
Owner—M. Davis, Premises.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. \$125

DWELLING
(3748) PALMERA COURT, Alameda. Two-story 7-room dwelling.
Owner—A. T. Hass, 2124 Eagle Ave., Alameda.
Architect—None.
Contractor—Thos. Cuthbertson, 1716 12th Ave., San Francisco. \$6500

DWELLING
(3749) NO. 1343 KAINS AVE., Berkeley. Dwelling.
Owner—Mrs. W. Fall, Los Angeles.
Architect—None.
Contractor—J. T. Harvey, 2916 Telegraph Ave., Berkeley. \$2200

DWELLING
(3750) NO. 1328 TALBOT AVE., Berkeley. Dwelling.
Owner—B. J. Arnhart, 3161 Y St., Sacramento.
Designer—H. A. Houck, 2611 McGee Ave., Berkeley.
Contractor—H. A. Houck, 2611 McGee Ave., Berkeley. \$4000

DWELLING
(3751) NO. 1612 EUCLID AVE., Berkeley. Dwelling.
Owner—A. L. Prest, 2046 Vine St., Berkeley.
Designer—A. L. Prest, 2046 Vine St., Berkeley. \$6000

DWELLING
(3752) 920 WAWONA AVE., Oakland. 2-story 7-room dwelling.
Owner—Dr. F. L. Meagher, 934 Wawona Ave., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. \$10,000

DWELLING
(3753) E HILLSCROFT 350 S Sunnyhill Rd., Oakland. 1½-story 6-room dwelling.
Owner—Hugh Auchinlock, 5324 Bryant Ave., Oakland.
Architect—None.
Contractor—S. I. Lundberg, 2022 11th Ave., Oakland.

HOTEL
(3754) SW COR. FIFTEENTH AND Harrison St., Oakland. 6-sto brick and steel frame hotel.
Owner—Cort Hotel Co., 306 14th St., Oakland.
Architect—L. H. Ford, 306 14th St., Oakland.
Contractor—Cort Investment Co., 306 14th St., Oakland. \$500,000

ADDITION
(3755) 1112 FIRST AVE, Oakland. Addition.
Owner—V. V. Richardson, 1112 1st Ave., Oakland.
Architect—None.
Contractor—R. A. Smith, 1757 82nd Ave., Oakland. \$1000

DWELLING
(3756) S HAWTHORNE 150 & 190 W Webster St., Oakland. 2 1-story 8-room duplex dwellings.
Owner—R. H. MacFarlane, 1528 Franklin St., Oakland.
Architect—Ralph Z. McCoy.
Contractor—H. W. McIntire Co., 1528 Franklin St., Oakland. \$7000 each

DWELLING
(3757) N FOREST DRIVE 100 N Indian Rd., Oakland. 1-story 4-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$2850

DWELLING
(3758) W FOREST DRIVE 215 N Indian Rd., Oakland. 1-story 4-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$2700

AUTO BLDG.
(3759) W SIDE OF BROADWAY 123 S of Mosswood Park, Oakland. All work for steel and concrete auto sales and service building.
Owner—Hebrank, Hunter and Peacock Co., 3020 Broadway, Oakland.
Architect—Wythe, Blaine & Olson, 1800 Telegraph Ave., Oakland.
Contractor—Hansen, Robertson and Zumwalt, 4145 Broadway, Oakland.
Filed July 19, 1924. Dated July 16, 1924.
3rd & 18th each month 25%
Usual 55 days 25%
TOTAL COST, \$45,000
Bond, \$—; Sureties, Globe Indemnity Co.; Forfeit, \$20 day; Bonus, \$20 day; Limit, 70 days from completion of excavation; Plans and specifications filed

ALTERATIONS
(3760) ALLSTON WAY & GROVE ST., Berkeley. Alterations to school.
Owner—City of Berkeley.
Architect—None.
Contractor—T. R. Catton, Telegraph & Prince St., Berkeley. \$988

DWELLING
(3761) 509 SANTA CLARA AVENUE, Berkeley. Dwelling.
Owner—Harry Graham, 966 44th St., Oakland.
Architect—D. M. Crooks, 1761 Franklin St., Oakland.
Contractor—Bernard Carpenter, 2547 Piedmont Avenue. \$3500

DWELLING
(3762) 1318 ORDWAY AVE., Berkeley. Dwelling.
Owner—Erick Ewaldius, 1318 Ordway Ave., Berkeley.
Architect—None. \$3000

DWELLING
(3763) S WISCONSIN 150 E Magee Ave., Oakland. 1-story 4-room dwelling.
Owner—Manuel Costa, Moraga, Calif.
Architect—None. \$2000

DWELLING
(3764) E CHAMPION ST. 160 S Pleasant St., Oakland. 1-story 4-room dwelling.
Owner—Della M. Wright, 1424 44th Ave., Oakland.
Architect—None. \$2200

FIRE REPAIRS
(3765) 3803 RANDOLPH AVE., Oakland. Fire Repairs.
Owner—Louise Ricker.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. \$1413

APARTMENTS

(3766) N BEAUMONT 10 E Park Blvd.
Oakland, 2-story frame 9-room 2
apartments.
Owner—Percy Tomlinson
Architect—None.
Contractor—Leroy M. Baird, 1031 Bay
View Ave., Oakland. \$3800

FLATS & STORES

(3767) S HOPKINS ST. 193 W 14th
Ave., Oakland, 2-story 8-room flats
and 2 stores.
Owner—H. Parsons, 1422 14th Ave.,
Oakland.
Architect—None. \$10,000

DWELLING
(3768) 4633 BROOKDALE AVE., Oak-
land, 1-story 5-room dwelling.
Owner—Wm. F. Neary, 536 17th St.,
Oakland.
Architect—None.
Contractor—L. A. Peters, 5313 Manilla
Ave., Oakland. \$3250

DWELLING
(3769) W SIDE SIXTY-SIXTH AVE.
60 S Flora, Oakland, 1-story 4-room
dwelling.
Owner—J. A. Davis, 1636 Franklin,
Oakland.
Architect—None.
Contractor—Calif. Bldrs. Co., 1636
Franklin St., Oakland. \$4000

FLATS
(3770) S FRISBIE 85 E Fairmount
Ave., Oakland, 2-story 8-room (2)
flats.
Owner—J. G. Silva, 1629 5th Ave., Oak-
land.
Architect—L. F. Hyde 372 Hanover Ave
Oakland.
Contractor—A. A. McDonald, 611 28th
St., Oakland. \$6000

DWELLING
(3771) S E COR. BROOKDALE AND
Courtland Ave., Oakland, 1-story
4-room dwelling.
Owner—I. F. Baker, 2650 38th Ave.,
Oakland.
Architect—None. \$3000

DWELLING
(3772) N VIRGINIA AVE. 300 E High
St., Oakland, 1-story 5-room dwlg.
Owner—R. Fonjes, 4406 Virginia Ave.,
Oakland.
Architect—None.
Contractor—W. J. Meyers, 3214 High St
Oakland. \$4500

DWELLING
(3773) E VERNON ST. 500 S Perkins
Oakland, 1-story 5-room dwelling.
Owner—J. F. Whalen, 407 Federal Bldg
Oakland.
Architect—None. \$5000

DWELLING
(3774) 10 FORTY-FIFTH ST. Oak-
land, 1-story 5-room dwelling.
Owner—P. Francsconi, 610 45th St.,
Oakland.
Architect—None. \$3500

DWELLING
(3775) S ALLENDALE AVE. 400 W
High St., Oakland, 1-story 4-room
dwelling.
Owner—Garfield Nine, 1917 40th Ave.,
Oakland.
Architect—None. \$1200

ADDITION
(3776) 993 FIFTY-THIRD ST., Oak-
land, alt. and additions.
Owner—A. B. Cunningham, 997 53rd St.
Oakland.
Architect—None.
Contractor—E. Pedersen, 700 25th St.,
Oakland. \$2600

OFFICE BLDG.
(3777) S TIDEWATER 430 E High St.
Oakland, 1-story office bldg.
Owner—H. E. Worden, 2026 E-21st St.,
Oakland.
Architect—None. \$4000

COOPER SHOP ETC.
(3778) THIRD & CAMELIA STREET,
Berkeley. (1) cooper shop, (2)
Carton warehouse.
Owner—California Ink Co., 3rd and
Camelia St., Berkeley.
Architect—V. H. Poss 381 Bush St., San
Francisco.
Contractor—K. E. Parker, 519 Call-
ifornia St., S. F.
(1) \$25,000, (2) \$32,663

DWELLING

(3779) 2783 FULTON ST., Berkeley.
Dwelling.
Owner—R. H. Parkinson, 2344 Derby
St., Berkeley.
Designer—G. W. Parkinson, 2444 Mar-
tinez Ave., Berkeley. \$2300

DWELLINGS

(3780) 1511-15-19 DELAWARE ST.,
Berkeley, 2 dwellings.
Owner—R. J. Pavert, Mercantile Trust
Bldg., Berkeley.
Architect—None. \$3950 each

DWELLINGS

(3781) 1503 1512 1516 1532 1536 1540
Francisco, Berkeley, 6 dwellings.
Owner—R. J. Pavert, Mercantile Trust
Bldg., Berkeley.
Architect—None. \$3450 each

DWELLING

(3782) 766 VINCENTE AVE., Berkeley
Dwelling.
Owner—E. Williams, 806 Jackson St.,
Albany.
Architect—None. \$4000

DWELLING

(3783) 727 CRAGMONT AVE Berkeley
Dwelling.
Owner—Mrs. Hattie Pollard, 1864 Rose
St., Berkeley.
Designer—R. M. Hawkins, 2025 Emer-
son St., Berkeley. \$5000

DWELLING
(3784) 1219 PERALTA AVE., Berke-
ley, Dwelling.
Owner—A. J. Pollard, 77 Plaza Drive,
Berkeley.
Architect—None. \$2000

DWELLING

(3785) 1621 FRANCISCO ST., Berkeley
Dwelling.
Owner—Marlon Kuzniorski, 1909 9th
St., Berkeley.
Architect—W. C. Appluhte 1017 Linden
Ave., Oakland.
Contractor—A. Jaronski, 1017 Linden
St., Oakland. \$3500

APARTMENTS

(3786) E SEMINARY AVE. 240 N
Scenic Way, Oakland, 2-story 16-
room apartments.
Owner—Mrs. M. M. Williams, 2842 Sem-
inary Ave., Oakland.
Architect—None.
Contractor—W. C. Brown, 1624 64th
Ave., Oakland. \$14,000

GARAGE

(3787) NE COR. NINETEENTH AND
Grove Sts., Oakland, 1-story brick
garage.
Owner—S. M. Chalmers, 101 Hamilton
Place, Oakland.
Contractor—Bates & Borland, 528 Oak-
land Bank Bldg., Oakland. \$14,000

DWELLINGS

(3788) N MOSS AVE. 374 & 409 E
Oakland Ave., Oakland, 1-story 6-
room dwelling and 1-story 5-room
dwelling and garage.

Owner—Edw. Johnson, 223 Greenbank
Ave., Piedmont.
Architect—None.
Contractor—L. Johnson & Son, 223
Greenbank Ave. Piedmont. \$4500 ea

DWELLINGS

(3789) S MILLS ST. 141 180 E Semina-
ry Ave., Oakland, 2 1-story 5-rm.
dwellings.
Owner—Mark Page, 2060 56th Ave.,
Oakland.
Architect—None. \$3000 each

DWELLINGS

(3790) 1266 HOLMAN ROAD, Oakland.
2-story 6-room dwellings.
Owner—H. C. Houck, 934 Alma Ave.,
Oakland.
Architect—None. \$6000

DWELLING

(3791) E SUNSET AVE. 205 N Lynde
St., Oakland, 1-story 5-room dwlg.
Owner—M. C. Edgar, 4422 Grove St.,
Oakland.
Architect—None.
Contractor—J. B. Wren, 2546 34th Ave.,
Oakland. \$3000

ALTERATIONS

(3792) 2842 SEMINARY AVE., Oak-
land, Alterations.
Owner—Mrs. M. M. Williams, 2842
Seminary Ave., Oakland.
Architect—None.
Contractor—W. C. Brown, 1624 64th
Ave., Oakland. \$1000

DWELLING

(3793) GORE, THIRTY-EIGHTH AND
Apgar Streets, Oakland, 1-story 4-
room dwelling.
Owner—Chas. G. Lister, 1365 Hearst
Ave., Berkeley.
Architect—None.
Contractor—G. M. Graeber, 2322 McGee
Avenue, Berkeley. \$5000

DWELLING

(3794) N MOUNTAIN BLVD W Sylho-
wood Rd., Oakland, 1-story 7-room
dwelling.
Owner—Dr. A. A. Mutchmor, Dalziel
Bldg., Oakland.
Architect—None.
Contractor—J. V. Matteson, Joaquin
Miller Acres, Oakland. \$3500

ALTER & ADDITIONS

(3795) 4012 BROWN AVENUE, Oak-
land, Alter and addition.
Owner—Roy Spencer, 1364 14th St.,
Oakland.
Architect—None. \$1200

DWELLING

(3796) N OUTLOOK AVE. 100 W 65th
Ave. Oakland, 1-story 5-room dwlg
Owner—Crescent Investment Co., 3125
64th Ave. Place, Oakland.
Architect—None.
Contractor—Chas. D. Lyon, 3425 66th
Ave., Oakland. \$4600

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 $\frac{1}{4}$) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

BUNGALOW

(3797) LOT 7 BLK E MAP OF THE Santa Fe Tract No. 2, Oakland. All work for 1-story bungalow and garage.

Owner—Henry England, County of Alameda.
Architect—McRitchie Smith.
Contractor—R. W. Vian and N. P. Miller (Wland & Miller), County of Alameda.

Filed July 24, 1924. Dated July 21, 1924.
Foundation completed and all material on ground.....25%
Roof on.....25%
Completed and accepted.....25%
Usual 35 days.....25%
TOTAL COST, \$1920

Bond, yes; Sureties, J. J. Peters and M. A. Rapozo; Forfeit, none; Limit, on or before Sept. 15, 1924; Plans and specifications filed.

DWELLING

(3798) NO. 1434 SCENIC AVE., Berkeley. Dwelling.
Owner—N. V. Cruss, Premises.
Architect—J. H. Bernard, Hotel Berkeley, Berkeley.
Contractor—E. B. Estes, Builders' Exchange, Oakland. \$5900

DWELLING

(3799) NO. 405 BOYNTON AVE., Berkeley. Dwelling.
Owner—Berkeley Bldg. Co., 2029 Shattuck Ave., Berkeley.
Designer—Berkeley Bldg. Co., 2029 Shattuck Ave., Berkeley. \$3000

DWELLING

(3800) NO. 1712 EOLA AVE., Berkeley. Dwelling.
Owner—G. R. Blasingame, 1529 Francisco St., Berkeley.
Designer—G. R. Blasingame, 1529 Francisco St., Berkeley. \$3000

DWELLING

(3801) NO. 805 COLUSA AVE., Berkeley. Dwelling.
Owner—F. L. Waye, 916 Contra Costa Ave., Berkeley.
Designer—F. L. Waye, 916 Contra Costa Ave., Berkeley. \$4250

DWELLING

(3802) NO. 1605 ARCH, Berkeley. Dwelling.
Owner—N. Hovey, 2011 Cedar St., Berkeley.
Architect—N. Hovey, 2011 Cedar St., Berkeley.
Contractor—E. P. Stone, 1212 Carrison St., Berkeley. \$6000

DWELLING

(3803) 1404 EXCELSIOR AVE., Oakland. 1-story 5-room dwlg.
Owner—L. C. Fish, 3453 Park Blvd., Oakland.
Architect—None. \$4500

DWELLING

(3804) 588 FORTIETH ST., (rear), Oakland. 2-story 5-room dwlg.
Owner—J. J. O'Connell, 705 31st St., Oakland.
Architect—None. \$2650

DWELLING

(3805) 631 SIXTY-FIFTH ST., Oakland. 1-story 5-room dwelling & garage.
Owner—F. A. Andrews, 4111 Broadway, Oakland.
Architect—None.
Contractor—Andrews & Santana, 4111 Broadway, Oakland. \$3175

DWELLING

(3806) S STONEWALL RD. bet. Tangletwood and Claremont Aves., Oakland. 2-story 8-room dwelling.
Owner—A. A. Brown, 2731 Forest Ave., Berkeley.
Architect—None.
Contractor—Henry J. Wagner Co., 2200 Clinton Ave., Alameda. \$6500

ALTERATIONS

(3807) 451 MOSS AVE., (rear), Oakland. Alterations and additions.
Owner—Geo. Fenn, 451 Moss Ave., Oakland.
Architect—None.
Contractor—H. G. Parks, 1046 Peralta Ave., Berkeley. \$1500

DWELLING

(3808) S FLORIDA ST., 165 W Laurel Ave., Oakland. 1-story 3-room dwelling.

Owner—W. A. Combs, Oakland.

Architect—None.

Contractor—F. S. Taylor, Box 97, Fruitvale. \$2250

ALTERATIONS

(3809) 2748 ORANGE AVE., Oakland. Alterations and addition.
Owner—Paul L. Ness, Ripon, Calif.
Architect—None. \$2000

DWELLING

(3810) 2624 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwlg.
Owner—W. F. Murlin.
Architect—None.
Contractor—J. F. Patterson, 2001 68th Ave., Oakland. \$5000

ALTERATIONS

(3811) 285 JAYNE AVE., Oakland. Alterations and addition.
Owner—G. R. Sherman, 285 Jayne Ave., Oakland.
Architect—None.
Contractor—Arnold & Mabey, 230 5th St., San Francisco. \$2000

DWELLING

(3812) N SIXTY-FIRST ST., 48 W Canning St., Oakland. 1-story 5-room dwelling.
Owner—W. S. Young, 533 63rd St., Oakland.
Architect—None. \$3500

DWELLING

(3813) S HOLLYWOOD BLVD., 45 W 108th Ave., Oakland. 1-story 4-room dwelling.
Owner—A. J. Seng, 2283 107th Ave., Oakland.
Architect—None. \$2000

SCHOOLS

(3814) FLEMING AVE. AND MONTICELL St., Oakland. Two 1-story schools.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. \$1500 each

CON. STEEL BLDG.

(3815) W CLAY ST., bet. 12th and 13th Sts., Oakland. 13-story concrete & steel club and store bldg.
Owner—Athens Athletic Club, Oakland Bank Bldg., Oakland.
Architect—Wm. Knowles, 1214 Webster Bldg., Oakland.
Contractor—MacDonald & Kahn, Tapscott Bldg., Oakland. \$1,000,000

SCHOOL

(3816) BOSTON AVE. AND SCHOOL St., Oakland. 1-story school.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. \$1500

SCHOOLS

(3817) THIRTY-FIFTH AVE. AND Galindo St., Oakland. Nine 1-story schools.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. \$1500 each

ALTERATIONS

(3818) 1414 FRANKLIN ST., Oakland. Alterations.
Owner—Central Savings Bank, 14th & Broadway, Oakland.
Architect—None.
Contractor—E. T. Leiter & Son, 3601 West St., Oakland. \$20,000

DWELLING

(3819) S EUCLYPTUS RD., E Claremont Ave., Oakland. 2-story tile dwelling.
Owner—Mrs. W. A. Beasley, Utopia Apts., Berkeley.
Architect & Contractor—Williams & Wastell, 601 American Bank Bldg., Oakland. \$12,000

FRAME BLDG.

(3820) NW COR. FORTY-FIRST AND Gilbert Sts., Oakland. General construction, 1-story frame bldg.
Owner—Sixth Church of Christ Scientist, Oakland.
Architect—William E. Milwain, Pacific Bldg., Oakland.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland. \$37,500

Filed July 22, 1924. Dated July 21, 1924.
Rough framed.....\$37,500
1st coat of plaster.....\$37,500

Completed.....\$37.50
Usual 35 days.....\$37.50
TOTAL COST, \$3350
Bond, yes. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 75 days from date. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded.....Accepted
July 17, 1924—LOT 4 BLK 3 MAP of Key Route Terrace No. 2, Oakland Twp. Dorothy S. Lenfestey to W. H. Picard.....July 15, 1924
July 17, 1924—NW CORNER E. 27th St. and Fruitvale Ave., Oakland. F. J. Schultz to A. Frederick Anderson.....July 15, 1924
July 17, 1924—FOR LOT NO. 5 MAP Key Route Acres, Oakland. Gust L. Wickstedt to L. Zwaal.....July 15, 1924
July 17, 1924—FOR FOURTH & Clay Sts., Oakland. John Hansen to W. Spivock.....July 17, 1924
July 17, 1924—1506 EUCLID AVE., Berkeley. H. W. Finch to W. Livingston & Son.....July 15, 1924
July 17, 1924—630 SAN MIGUEL AVE Berkeley. Harold de Nornandle to whom it may concern.....July 16, 1924
July 17, 1924—25 FT OF LOT 30 & 18 ft of Lot 31 Blk 12 Map of Solano Avenue Terrace, Berkeley. Designers and Builders Corporation to Designers and Builders Inc.....July 10, 1924
July 17, 1924—9 FT OF LOT 31 25 FT of Lot 32 and 7 ft of Lot 33 Blk 12 Map of Solano Ave Terrace Berkeley. Designers and Builders Corporation to Designers and Builders Inc.....July 10, 1924
July 17, 1924—LOT 22 BLK 2 MAP Dwight Way Terrace, Berkeley. Designers & Builders Corporation to Designers and Builders Inc.....July 10, 1924
July 17, 1924—LOT 23 BLK 2 MAP OF Dwight Way Terrace, Berkeley. Designers & Builders Corporation to Designers and Builders Inc.....July 10, 1924
July 17, 1924—18 FT OF LOT 33 & 25 ft Lot 34 Blk 12 Map of Solano Avenue Terrace, Berkeley. Designers & Builders Corporation to Designers and Builders Inc. July 10, '24
July 16, 1924—LOT 7 W 20 Lot 6 and B 5 Lot 8 Map Terminal Tract, Richard Perrot to whom it may concern.....July 15, 1924
July 18, 1924—FOR LOT 8 BLK 7 Map of the "Property of the College Homesstead Assn" Oakland. Rose E. Buben to Mason-McDuffie Co.....July 8, 1924
July 18, 1924—S SIDE OF E TWENTY-ninth St. 170 ft from 19th Ave., Oakland. D. Berger.....July 17, 1924
July 18, 1924—LOTS 31 & 32 ROSENTHAL Tract, Oakland. Joseph R. Kaelin to William Wolfe.....July 15, 1924
July 18, 1924—NO. 51 CRAIG AVE., Piedmont. May L. Sellander.....July 17, 1924
July 18, 1924—NO 1825 ELM STREET Alameda. Geo. H. Mosbach to whom it may concern.....July 17, 1924
July 18, 1924—1627 THIRTY-FOURTH Ave., Oakland. Hannah McMullen to P. J. Bold.....July 17, 1924
July 17, 1924—E 1st St. thence 130 E from E line of Brush St thence S 100 E 20 to the line of land formerly belonging to McLane thence NE 75.97 to W line of certain parcel of land conveyed to Wm. Clift by deed dated May 6, 1897 and recorded in Liber 602 of Deeds page 469 thence N 50.7° to So 1/4 of 21st St. thence W 11.33 thence W 34.9 to pt. of beginning, being por of the Smith Tract map of the Smith Tract etc. J. B. and J. P. A. Greenwood to G. A. Scott.....July 18, 1924
July 18, 1924—LOT 5 BLK 4 Fourth Avenue Terrace, Oakland. W. W. Langdube to whom it may concern.....July 15, 1924
July 18, 1924—LOT 2 MAP OF LOTS 2 and 3 Blk 1 map of Fruitvale Orchard Terrace, Brook Twp. Alf G. Smith to B. M. Paul.....July 17, 1924
July 18, 1924—NE 8 FT OF LOT 28 SW 40 ft E 1/4 Map of Boulevard Park. A. D. Gordon to whom it may concern.....July 18, 1924

July 18, 1924—LOTS 125 & 126 BLK 64 Havenscourt Tract, Oakland, Margaret Sullivan and E. Robinson to John England, July 17, 1924
 July 19, 1924—2850-54-55, HOPKINS St., Oakland, Roy Conner to whom it may concern, July 18, 1924
 July 19, 1924—POR LOTS 11 & 12 BLK F Map Grand Avenue Heights Oakland, W. Schulze to whom it may concern, July 19, 1924
 July 19, 1924—LOT 16 BLK 5 Claremont Tract, Berkeley, W. H. Kelly by J. Harry Smith Agent, July 24, 1924
 July 18, 1924—E 2 7/8 FT OF LOT 19 and W 16 2/3 ft of LOT 18 BLK A Quigley Tract, Oakland, S. C. Reid to C. A. Shipman, July 16, 1924
 July 18, 1924—W 33 1/2 FT OF LOT 19 BLK A Quigley Tract, Oakland, S. C. Reid to C. A. Shipman, July 16, '24
 July 18, 1924—NW MAPLE AVE (as now exists) dis therson NE 70 from East S cor of 17 48 acre tract described in decree of dist est. of Thos. C. Morgan to Carrie M. Morgan Mar. 8, 1915 in 2337 Deeds page 73 NE 35 NW 1/4, 125.02 ft. 125.37 ft. 2) SW 35 SE 125.37 being portion of the 17 48 acre tract before described. Benena Preston to O. W. Preston, July 18, 1924
 July 21, 1924—LOT 10, THE VIEW Tract, Oakland, S. Victor Davidow to whom it may concern, July 21, 1924
 July 21, 1924—LOT 332 AND SW 1 1/2 ft. of Lot 331, Stonehurst, Brooklyn Township, William James Thorne to N. Thorne, July 21, 1924
 July 21, 1924—SE COR. 16TH AND Filbert Sts., 1934 and 1936 Fremont St., Oakland, Mrs. Anna M. Osborn to Jensen & Pedersen, July 19, 1924
 July 21, 1924—E 60 FT. OF LOT 1, BLK. 6, Map Daley's Scenic Park, Berkeley, A. G. Kazebach, Davidson & Nicolson, July 12, 1924
 July 21, 1924—2674 PARKER AVE., Oakland, Mrs. C. Sisbeth Hoover to whom it may concern, July 18, '24
 July 21, 1924—LOT 15, THE VIEW OF Spring Court, Berkeley, Thomas G. Jacques to Thomas G. Jacques, July 21, 1924
 July 21, 1924—429 SCOTT AVE., Berkeley, Louis E. and Miriam E. Sammis to Elmer Peterson, July 8, 1924
 July 22, '24—3015 FRUITVALE AVE Oakland, J. Drost to whom it may concern, July 22, 1924
 July 22, 1924—POR LOTS 8 & 9 BLK E Map "Redivision of Por Brumaglin Tract etc." Oakland Twp. Annie E. Miller to Herndon J. James Hawkins, July 22, 1924
 July 22, 1924—SW COR. ELEVENTH Ave. and E-22nd St., Oakland, Leslie Price to whom it may concern, July 22, 1924
 July 22, 1924—338 ALICE ST., Oakland, Leandro, Alameda Co. Richard Hill to whom it may concern, July 22, '24
 July 22, 1924—2512 WILBUR ST., Oakland, Est Bay Builders Inc. to M. E. Hopper & Sons, July 21, '24
 July 23, 1924—LOT 11 & POR LOT 12 Map of Havenscourt, Oakland, A. R. Lapham by R. E. Lapham agent to whom it may concern, July 22, '24
 July 23, 1924—LOT 11 BLK 11 MAP Fourth Ave. Heights, Oakland, S. H. Goldstein to John Lehman, July 22, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
 July 19, 1924—LOTS 11 & 12 BLK 20 Map No. 6 of Regent Park, Albany Alameda County, Americo Cabral vs Thousand Oaks Realty Co, Clara Silva \$2000
 July 17, 1924—LOT 3, MAP OF THE Creek Tract, The Meek Estate, Eden Trwp., Alameda County, R. R. Graham and G. C. Van Dyke vs C. G. Sutton, G. F. Sutton, F. W. Borden \$350
 July 15, 1924—PTN LOTS 1 AND 4 Blk "F" Amended Map of Salenger Tract Plot 55 on the Ranchos of Z & D Peralta, Oakland Tp. H. R. Anderson and A. M. Rich vs Albert J. and Mary E. Grubbs (his wife) and T. J. McCord \$80
 July 15, 1924—PTN LOTS 16 AND 17 Blk 25, Map Warner Tract, Brooklyn Tp. Fred L. Hewitt vs A. J. Michaelson and C. L. Hewitt, \$75.00

July 18, 1924—W 55 FT. OF LOTS 14 and 15, Blk. 344, Templeton Tract, Oakland, Geo. M. Merritt Building Co. vs. Herachio R. Ananias and Marguerite Ananias, \$325.00
 July 18, 1924—LOT 106 AND POR Lot 105, Blk. 20, Map of Havenscourt, Oakland, Maxwell Hardware Co. vs. R. V. Madsen, J. C. James and T. C. J. \$33.50
 July 17, 1924—LOT 330 AND NE 1 1/2 ft. of Lot 331, Map of Stone Orchard, Stonehurst, P. E. O'Hair & Co., Oakland Plumbing Co. vs. W. Cluston and P. L. Barbin, \$110.16
 July 18, 1924—LOT 57, BLK. 21, MAP Havenscourt, Oakland, P. E. O'Hair & Co., Oakland Plumbing Supply Co. vs. Mary C. Murchison and L. Barbin, \$91.17
 July 19, 1924—LOT 24 MAP MAPLE Crest, Oakland, W. A. Netherby vs Mrs. Amye Buck, A. H. Monez and Minnie E. Monez, \$60
 July 19, 1924—LOT 35 & POR LOT 36 map of Wildwood Gardens No. 2 Piedmont, Rhodes-Jamieson & Co. vs. G. Walter Drake, \$55
 July 21, 1924—LOT 106 AND POR Lot 105, Map of Havenscourt, Oakland, Superior Tile & Products Co. vs. R. V. Madsen, J. C. James and John T. C. J., \$33.50
 July 19, 1924—LOT 12 BLK. 6, MAP of Lakemont, Oakland, Charles F. Osgood vs. G. C. Estes, \$45.00
 July 21, 1924—W LINE OF 5TH AVE. 75 N. of 5th St., Oakland, California Door Co. vs. Martin Mangalini, \$764.20
 July 21, 1924—LOT 204 BLK. 203, Map of Fremont Tract, Oakland, C. H. Boucher vs. J. Camenson, E. L. Camenson and D. E. Hart, \$127.75
 July 21, 1924—LOT 562, Fourth Ave. Court, Oakland, Sunset Lumber Co. vs. Helen S. Artieda, owner, and Yeoman & Beverly, contractors, \$258.09
 July 22, 1924—E SIDE OF THIRTH Ave. about 120 N. of E-14th St., Oakland, Henry Cobell Lime and Cement Co. vs. J. J. Donnelly, Berntha M. Donnelly, A. F. Page, \$605.85
 July 22, 1924—LOT 7 BLK B MELROSE ACRES, Oakland, Zenith Lumber Co. vs. E. A. Dickey agent vs L. H. Catron, Lawrence Block \$46.35

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
 July 18, 1924—NE COR. PARK BLVD. and E-18th St. S. J. M. Coates to D. P. Kalitsas \$56.00
 July 18, 1924—POR. LOTS 16 AND 17 BLK. 25, Map of Warner Tract, Oakland, Fred L. Hewitt vs. J. Michaelson and C. L. Hewitt, \$75.00
 July 18, 1924—ALL LOT 19 & POR Lot 18, Blk. 10, Map of Havenscourt, Oakland, W. F. Garrett, Garrett Lumber Co. to Frank Hammel, \$529.10
 July 18, 1924—POR LOTS 2 & 4 BLK F Map Salinger Tract, Berkeley, Melrose Lumber & Supply Company, \$754.91; A. Tidwell to E. J. McCord, J. A. Grubb, \$34.10
 July 18, 1924—SW COR. OF RUSSELL and Sacramento Sts., Berkeley, M. Pontyner to Albert J. Grubbs, Mary E. Grubbs, E. J. McCord, \$45
 July 18, 1924—1446 RUSSELL ST., Berkeley, D. Del Vigna to A. J. Grubb, E. J. McCord, \$92
 July 18, 1924—POR LOTS 3 & 4 BLK F Amended Map of Salinger Tract Oakland Twp. H. R. Anderson, A. M. Rich to Robert J. Grubbs, Mary E. Grubbs, E. J. McCord, \$80
 July 21, 1924—LOT 16, BLK. 6, MAP of Lakemont, Oakland, M. Tolson (Alameda Hardwood Floor Co.) to A. Guazzo and M. L. Zappettini \$687.00
 July 19, 1924—LOT 9 MAP RESUBD. Ptn Highland Court, Piedmont, Joseph Boeddeker to Frank J. Glunk and Josephine Glunk, \$2917.80
 July 19, 1924—LOT 33 & NE 10 FT. of 43 BLK Q Map of Laurel Park, Oakland, Sunset Lumber Co. to Arabelle Siemsen, A. Visser, \$404.81
 July 18, 1924—POR LOTS 2 & 4 BLK F Map Salinger Tract, Berkeley, J. C. Owens to A. J. Grubbs, E. J. McCord \$47.25

July 22, 1924—POR LOTS 107 & 108 Map Fruitvale Addition Tract, Oakland, H. J. Knappe, J. R. Pierce and Ben Gaylord (Reliable Plumbing Co.) to G. Opitz \$30

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

DWELLING
 LOT 6 BLK 7, Good Samaritan Tract, San Jose, A. C. Schork for one-story store and dwelling combined, 1350
 OWNER—Helen D. Maria, SE Cor. Palm and Willow Sts., San Jose.
 Architect—None.
 Contractor—C. I. Carlson, 4 Menken Ave., San Jose.
 Filed July 19, '24. Dated July 16, '24.
 Frame work completed, \$1250
 Final coat plaster on, 1250
 Siding, window casings, 1250
 Usual 35 days, 1250
 TOTAL COST, \$5000
 Bond, none. Limit, 90 days after July 21, 1924. Forfeit, none. Plans and specifications filed.

MIDDLEFIELD ROAD, WEBSTER ST., Lincoln and Addison Aves., Being Block 81, Palo Alto. All work for plastering, troweling, two-story concrete elementary school building.
 Owner—The Board of Education Palo Alto City School District, Palo Alto.
 Architect—Allison and Albarran and Birge M. Clark, 609 Embarcadero Road, Palo Alto.
 Contractor—M. W. Overhulse, 246 Vine St., San Jose.
 Filed July 21, '24. Dated July 12, '24.
 As work progresses, 75%
 Usual 35 days, 25%
 TOTAL COST, \$8495
 Bonds, (2) \$4247 each, Surety, American Surety Co. of New York. Limit, forfeit, none. Specifications only filed.

SHEET METAL WORK ON ABOVE.
 Contractor—Sheet Metal Works, 521 Ramona St., Palo Alto.
 Filed July 21, '24. Dated July 12, '24.
 Payments same as above,
 TOTAL COST, \$585
 Bonds (2) \$585 each, Surety, National Surety Co. Limit, forfeit, none. Specifications only filed.

COMPOSITION ROOFING WORK ON above.
 Contractor—W. J. Porter, 1229 Stevens Creek, San Jose.
 Filed July 21, '24. Dated June 18, '24.
 Payments same as above,
 Bonds (2) \$134 each. Surety, National Surety Co. of New York. Limit, forfeit, none. Specifications only filed.

ADDITION
 LOTS 36 AND 37 BLK 5, Palo Alto. All work for two-story and basement reinforced concrete addition to the present store building.
 Owner—James Frazer, SE University Ave. and Emerson St., Palo Alto.
 Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
 Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
 Filed July 22, '24. Dated July 12, '24.
 As work progresses, 25%
 Usual 35 days, \$8493
 Bond, \$30,000. Sureties, Jno. Duffield and W. P. Gray. Limit, 135 days from July 16, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
 LOT 27 SAN JUAN SUBD. NO. 2, Leland Stanford Junior University Lands, Palo Alto. All work for two-story frame residence and garage.
 Owner—Mr. and Mrs. H. C. Moreno, Miranda St., Campus of Stanford University, Palo Alto.
 Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
 Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
 Filed July 22, '24. Dated July 18, '24.
 To be deposited in special bank by owner and paid 10th of each month,
 TOTAL CAST, \$16,323
 Bond, \$8200. Sureties, W. M. Stalker and W. N. P. Menner, 10 days from July 11, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
ELLA VISITA ROAD near Evergreen.
All work for one-story frame residence and garage.
Owner—J. Mancuso, Evergreen, Cal.
Architect—Wolfe & Higgins, 93-96 Avenue 16th St., San Jose.
Contractor—De Cola & Wolden.
Filed July 18, '24. Dated July 16, '24.
Roof on frame up \$212.50
Brown coat plaster on \$212.50
Building completed \$212.50
Usual 35 days \$212.50
TOTAL COST, \$1,800.50
Bond, \$11,800. Sureties, V. De Cola and Wm. F. Serpa. Limit, 90 days from July 18, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
CLINTONIA AVE., bet. Palm Haven and Riverside Drive, Palm Haven Subdivision, San Jose. All work for five-room stucco residence and garage.
Owner—B. Schulz, San Jose.
Architect—None.
Contractor—E. L. Wolfe, 911 Clintonia Ave., San Jose.
Filed July 16, '24. Dated July 16, '24.
Frame on \$350
Brown coat plaster on \$50
When completed \$50
Usual 35 days \$50
TOTAL COST, \$350
Bond, \$1900. Sureties, F. D. Wolfe and R. Loupe. Limit, 90 days from July 16, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
N HANCHETT PARK, San Jose. All work for one-story 5-room dwlg.
Owner—L. B. Knickerbocker, 33 Northridge St., San Jose.
Architect—None.
Contractor—William H. O'Neil, 50 Sierra Ave., San Jose.
Filed July 16, '24. Dated July 15, '24.
Roof on \$975
Brown coat plaster on \$75
When completed \$75
Usual 35 days \$75
TOTAL COST, \$3300
Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

RECORDED **Accepted**
July 16, 1924—W TENTH ST. 147.75 S San Salvador S 47.25x137.50 Ptn Lot 4 Blk 4 Range 10 South San Jose. All Wells Parker Dwyer to whom it may concern. July 16, 1924
July 16, 1924—LOT 16 BLK 9 Seale Addn No. 2, Palo Alto. Geo W Conklin to whom it may concern July 15, 1924
July 16, 1924—COR. FIRST AND Fountain Sts. rng S on First 53 ft. & E on Fountain from First St. 165 ft. San Jose. Max Blum to H A Bridges July 3, 1924
July 16, 1924—LOT 19 BLK 3, Evergreen Park, San Jose. D C Lawson to whom it may concern. July 16, '24
July 17, 1924—NO. 596 LOCUST ST. Subdivision of Lot 4 Blk 46 University Grounds, San Jose. J. Frederick Fetterman to whom it may concern July 17, 1924
July 17, 1924—BEING SE 20 PT OF 27 and NW 17.70 ft. of 28 Blk 19 Parkers Addition to E San Jose. R. E. Ford to whom it may concern July 16, 1924
July 17, 1924—BEING A PORTION of Blk No. 38 and located at 523 Everett Ave, Palo Alto. C. M. Stiles to R. J. Squires July 11, 1924
July 17, 1924—LOT 9 BLOCK C Southgate, Gordon Armistead and James H. Walker to whom it may concern July 18, 1924
July 18, 1924—LOTS 1 TO 5 inclusive and NE 1/4 Lot 11 Blk 11 Palo Alto. Frederick A. and Caroline S. Wickett to whom it may concern July 7, 1924
July 18, 1924—SE FOURTEENTH & William Sts., being Lot 6, McCoy Addition, San Jose. Mats K. Acker to whom it may concern. July 16, 1924
July 18, 1924—LOT 7 Schiele Subd No. 2, E Maps 8 and 9, San Jose. William H. and Lena M. Rogie to whom it may concern. July 17, 1924
July 19, 1924—LOT 34 Chace Park

Avenue Lots (M of Maps 81). San Jose. Anna Alderson to whom it may concern July 11, 1924
July 19, 1924—LOT 7 McCoy Addition, San Jose. Bert K. Acker to whom it may concern. July 12, 1924
July 19, 1924—S THIRD ST. near Santa Clara St. adjoining I. O. O. F. Bldg., San Jose. Tony Costa to Megan & Newell July 16, 1924
July 21, 1924—ON LOS GATOS AND Saratoga Road, Santa Clara County. Mrs. Alice E Howland to William Meyer July 15, 1924
July 21, 1924—LOT 2 BLK 23, Seale Addn No. 2, Palo Alto. Alva C Dunniway to whom it may concern July 19, 1924
July 21, 1924—LOT 13 BLK 45, Palo Alto. M C Ingraham to whom it may concern July 10, 1924
July 21, 1924—PTN LOT 4 BLK 6 University Grounds, San Jose. Ray C Washburn to whom it may concern July 21, 1924
July 21, 1924—LOT 57 Adams & Keller Subvn, San Jose. L C Rossi to whom it may concern. July 21, 1924
July 22, 1924—LOT 4 BLK 401, Santa gate, Palo Alto. Arthur Drolet to whom it may concern. July 22, 1924
July 22, 1924—N 1/2 LOT 26 BLK 16. Lendrum Tract, San Jose. Viola D Brown to whom it may concern. July 22, 1924
July 22, 1924—LOT 23 BLK 6, Seale Addition No. 2, San Jose. John N Wilbur to whom it may concern. July 21, 1924
July 22, 1924—PTN LOT 6 BLK 23, Chapman & Davis Trct (A-12), San Jose. Hazel M Lynds to whom it may concern. July 22, 1924

LIENS FILED

SANTA CLARA COUNTY

RECORDED **Amount**
July 17, 1924—LOT 8 DRISCOLL Sub 3, B Mos 11, Sunset Lumber Co vs. Nunzia Ciraulo \$633.95
July 17, '24—LOT 23 MYRTLE PARK Port Maps 55, 56, Sunset Lumber Co. vs Bert Gamble \$120.25
July 21, 1924—LOT 24, Myrtle Park, San Jose. Borchers Bros vs Bert Gamble and M J Haas \$14.13

RELEASE OF LIENS

SANTA CLARA COUNTY

RECORDED **Amount**
July 21, 1924—LOT 22, Myrtle Park, San Jose. Sunset Lumber Co to Bert Gamble \$760.50

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-story frame, \$3400; E 16th bet. Macdonald & Bissell, Richmond; owner, P. Fassenero, 1600 Macdonald, Richmond; contractor, M. Perino, 217 Fairmont, El Cerrito.
RAISE, one-story frame for plat, \$2000; N Clinton bet. 23rd and 25th, Richmond; owner, Geo. Dabovich, 1829 39th, Richmond.
DWELLING, one-story frame, \$2000; W 30th St. bet. Clinton and Garvin Sts. Richmond; owner, Snowden & Billington, 2569 98th Ave., Oakland.
DWELLING, one-story frame, \$3850; E 17th St. bet. Barrett and Roosevelt Sts. Richmond; owner, H. Storey, 556 17th St., Richmond; owner, D. A. Dodge, Cor. 37th and Esmond Sts., Richmond.

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

STORE
BROADWAY AND PALOMA Being Lot 42 & 33 Blk 15 Burlingame Grove All work for reinforced concrete store building.
Owner—John Tunncliffe, 25 Cypress, Burlingame.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco.
Contractor—C. H. Bessett Bldg. Co., Kelly, Burlingame.
Filed July 16, 1924. Dated July 15, 1924.
Steel installed \$2718.75

Roof sheeted 2718.75
Completed and accepted 2718.75
Usual 35 days 3625.00
TOTAL COST, \$14,500
Bond, \$7250; Sureties, Standard Accident Ins. Co.; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

RESIDENCE
DINGEE PARK, REDWOOD CITY, All work for 6-room frame residence. Owner—M. J. & Abbie M. McBrearty. Architect—None.
Contractor—Harry W. Arnold, 137 Stratford St., Redwood City.
Filed July 15, 1924. Dated July 14, 1924
Frame up \$1350
Plastered 1350
Completed and accepted 1350
Usual 35 days 1350
TOTAL COST, \$5400
Bond, Forfeit, none; Limit, 60 working days; Plans and specifications, none.

COMPLETION NOTICES

SAN MATEO COUNTY

RECORDED **Amount**
July 18, 1924—NE 90 LOT 1 BLK H Wooster Whittier and Montgomery Sub Redwood City. Wm. P. and Mary L. Hogan to whom it may concern July 6, 1924
July 17, 1924—PORT LOT 2, San Mateo Park. Charle Hammer and Hugo Hultberg to whom it may concern July 15, 1924
July 17, 1924—PORT LOT 258 & 259 San Mateo Park No. 3 Sterling Investment Co. to whom it may concern July 12, 1924
July 17, 1924—LOT 16 BLK 37 EASTON No. 2 Burlingame. John P. Daley to whom it may concern. July 17, 1924
July 17, 1924—LOT 8 BLK 6 HIGH School Park So. San Francisco. John O. and Nellie Steele to whom it may concern. July 17, 1924

LIENS FILED

SAN MATEO COUNTY

RECORDED **Amount**
July 20, 1924—LOT 7 BLK 8 BLOSSOM Heath Manor. W. S. Nelson vs. E. H. & Helen Amos \$50.97

RELEASE OF LIENS

SAN MATEO COUNTY

RECORDED **Amount**
July 16, 1924—NO LOCATION GIVEN Ingvard Sorensen to C. L. Eckhart \$710
July 8, 1924—LOT 9 BLK 61 EASTON Add. No. 7 Burlingame. D. C. Palomontain to Walter E. Schutz \$400.58

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$3500; 1140 West Rose, Stockton; owner, J. Eric Johnson.
SHOWER ROOM and remodel Stockton high school, \$7500; E Vine, Stockton; owner, Stockton School Dist., Stockton; contractor, H. E. Vickroy, 1122 N Commerce, Stockton.
REMODEL Stockton High School, \$10,000; E Vine, Stockton; owner, Stockton School District, Stockton; contractor, H. E. Vickroy, 1122 N Commerce, Stockton.
DWELLING, \$5000; No. 211 E-Willow St., Stockton; owner, F. W. Dietrich 523 E-Fremont St., Stockton; architect, none; contractor, J. T. Lewis & Son, 245 S American St., Shtkn.
DWELLING and garage, \$5000; No. 1235 W-Acacia St., Stockton; owner, D. Valo, 224 S-Sutter St., Stockton.
DWELLING, \$2800; No. 8 W-Poplar St., Stockton; owner, M. K. Kelly, 1746 W-Acacia Ave., Stockton.

Hospital Inspection Trip and Barbecue at Livermore, July 31. Reserve the date.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded July 17, 1924—LOTS 47 AND 39 BLK 4, Map of —, Stockton. A V. Faught to A V. Faught. July 14, 1924
 July 19, 1924—LOT 32 PLAT OF THE McKinley Tract, being a subdivision of lot C of county survey No. 3404 in section 10 of Rancho Del Campo de los Franceses. Jose A. Herrera to William Ecker. July 17, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded July 17, 1924—NW 1/4 OF NE 1/4 of Sec. 11, T 2 S, R 7 E, Stockton. John A. Boberg vs J. S. Garcia. \$979.08

BUILDING CONTRACTS

SACRAMENTO COUNTY

DWELLING, 1-story 5-room and garage, \$38,000; 1808 W. Sacramento; owner, Geo. R. Gomez, 2420 18th, Sacramento; contractor, F. E. Terra, 1712 W. Sacramento.
 DWELLING, 1-story 6-room and garage, \$4000; owner, W. F. Cippa, 2560 27th, Sacramento.
 DWELLING, 1-story 6-room and garage, \$4000; 1709 D. Sacramento; owner, K. Capura, 1801 D. Sacramento; contractor, D. Tattl, 2118 O Sacramento.
 FRAME BLDG., \$3000; 5217 V, Sacramento; owner, W. A. Hall, 4327 T, Sacramento.
 DWELLING, 1-story and garage \$5400, 1211 38th, Sacramento; owner, J. Richards, 1330 J, Sacramento; contractor, W. R. Saunders, 2614 I, Sacramento.
 GENERAL REPAIRS, \$7270; 1025 8th, Sacramento; owner, Clunie Estate; contractor, Geo. D. Hudnutt, Calif. Fruit Bldg., Sacramento.
 DWELLING, 2-story and garage, \$25,000; owner, Royal Miller, 1615 M, Sacramento; contractor, Geo. W. Hudnutt.
 DWELLING, 1-story frame, \$2500; owner, E. Bozack, 1420 P, Sacramento.
 DWELLING, 1-story frame, \$3000; 1514 31st, Sacramento; owner, M. Silva, 1725 29th, Sacramento; contractor, M. P. Terra, 2315 9th, Sacramento.
 GENERAL REPAIRS, \$2300; 1424 R, Sacramento; owner, A. Sims, 1800 15th, Sacramento; contractor, O. H. Newman, 1012 24th, Sacramento.
 DWELLING, 1-story frame, and garage \$6000; 1374 44th, Sacramento; owner J. E. Keegan, 2231 K, Sacramento; contractor, H. W. Robertson, 2633 5th Ave., Sacramento.
 DWELLING, 1-story and garage, \$4200 517 38th, Sacramento; owner, R. A. Gunther, 51st and H, Sacramento; contractor, Thos. E. Hunt, 2926 S, Sacramento.
 DWELLING, 1-story 5-room, \$2600; 5232 T, Sacramento; owner, H. L. Porter, 5232 T, Sacramento.
 DWELLING, one-story 4-room and garage, \$3600; owner, Flora H. Moeller, 3310 M St., Sacramento; contractor, M. Furiado, 2423 18th St., Sacramento.
 DWELLING, 1-story 5-room and garage, \$4000; No. 1416 35th St., Sacramento; owner, V. L. Kerndell, 2701 Donner Way, Sacramento; contractor, V. D. Crane, No. Sacto.
 DWELLING, 1-story 6-room and garage, \$3300; No. 3216 I St., Sacramento; owner, Clifford Friburg; contractor, Martin & Sons, 1417 19th St., Sacramento.
 DWELLING, 1-story 6-room and garage, \$6500; No. 2939 29th St., Sacramento; owner, B. Wilson, 1015 1/2 16th St., Sacramento; contractor, G. L. Bekman, 1625 18th St., Sacto.
 DWELLING, 2-story 6-room and garage, \$6500; No. 3053 25th St., Sacramento; owner, Frissa V. Hurd, S. F. Blvd., Sacramento; contractor, E. D. Brier, 2809 S St., Sacto.
 APARTMENTS, 4 2-story 3-room each \$5000; No. 1416 6th St., Sacramento; owner, John Vanina, 1721 I St., Sacramento.

DWELLING, 2-story 8-room and garage, \$12,500; No. 1061 45th St., Sacramento; owner, G. W. Barnes, 2601 K St., Sacramento; contractor, P. R. Opdyke, 1009 7th St., Sacto.
 DWELLING, 1-story 4-room and garage, \$3500; No. 2108 15th St., Sacramento; owner, Tony Babich, 806 U St., Sacramento; contractor, F. M. Corey, 1423 O St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded July 15, 1924—NO. 1540 THIRTY-seventh St., Sacramento. Albert F. Zangerle to whom it may concern July 5, 1924
 July 16, 1924—LOT 84 EAST SACRAMENTO. N. J. Baldocchi and Joseph Antiozzi to whom it may concern July 15, 1924
 July 16, 1924—LOT 144 W & K DOT 30. J. J. Masse to whom it may concern July 11, 1924
 July 17, 1924—LOT 3 and W 10 ft. Lot 4, O. P. 4th and 5th Sts. Sacramento. Buddhist Church of Sacramento to whom it may concern July 7, 1924
 July 21, 1924—LOT 45 EAST TERR. A. S. Hackett to whom it may concern July 1, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded July 17, 1924—LOT 44, Oak Ridge Ac. Sacramento. Sacramento Plumbing Supply Co vs Harvey and Ida M. Levie \$54.40
 July 18, 1924—LOT 10 BLK 4 WOOD-lake, Sunset Lumber Co vs George E. Moada and Edna Mae (ux). \$141.95

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

BANK BLDG. LOTS 26 TO 32 BLK 83, Fresno. Plumbing on 15-story Class A bank and office building.
 Owner—Pacific Southwest Realty Co. Architect—R. L. Felchlin, Patterson Bldg., Fresno.
 Contractor—Barrett-Hicks Co., 1031 Broadway, Fresno.
 Filed July 19, '24. Dated Apr. 15, '24. TOTAL COST, \$6361
 Bond, \$—, Limit, 90 days. Forfeit, plans and specifications, none.

LINOLEUM ON ABOVE.

Contractor—Bonded Floors Co., 370 2nd St., San Francisco.
 Filed July 19, '24. Dated Apr. 30, '24. TOTAL COST, \$2147
 Bond, \$—, Limit, 120 days. Forfeit, plans and specifications, none.

PAINTING ON ABOVE.

Contractor—D. Kelly & Sons, 165 Broadway, San Francisco.
 Filed July 19, '24. Dated June 17, '24. TOTAL COST, \$4663
 Bond, \$—, Limit, 120 days. Forfeit, plans and specifications, none.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville, Nevada City, Reno

SACRAMENTO OFFICE
 ROSS E. PIERCE, Manager
 905 SIXTH STREET

MARBLE WORK ON ABOVE.

Contractor—Jos. Musto Sons—Keenan Co., 535 North Point St., S. F.
 Filed July 19, '24. Dated Apr. 30, '24. TOTAL COST, \$18,000
 Bond, \$—, Limit, 120 days. Forfeit, plans and specifications, none.

ORNAMENTAL IRON WORK ON

above.
 Contractor—California Artistic Metal & Wire Co., 349 7th St., San Francisco
 Filed July 19, '24. Dated Apr. 30, '24. TOTAL COST, \$2,852
 Bond, \$—, Limit, 120 days. Forfeit, plans and specifications, none.

MILL WORK ON ABOVE.

Contractor—Fresno Planning Mill, H and Monterey Sts., Fresno.
 Filed July 19, '24. Dated Apr. 30, '24. TOTAL COST, \$7076
 Bond, \$—, Limit, 120 days. Forfeit, plans and specifications, none.

TILE WORK ON ABOVE.

Contractor—Fresno Marble & Tile Co., 1355 J St., Fresno.
 Filed July 19, '24. Dated Apr. 30, '24. TOTAL COST, \$1232
 Bond, \$—, Limit, 120 days. Forfeit, plans and specifications, none.

PLASTERING ON ABOVE.

Contractor—Fred Willis.
 Filed July 19, '24. Dated May 6, '24. TOTAL COST, \$43,285
 Bond, \$—, Limit, 120 days. Forfeit, plans and specifications, none.

ADDITION

LOCATION NOT GIVEN, Fresno. All work for addition to school bldg.
 Owner—Caruthers Union High School District.
 Architect—E. J. Kump, 544 College St., Fresno.
 Contractor—W. T. Harris.
 Filed, —, Dated, —.
 As work progresses, —, 75%
 Usual 35 days. Balance
 TOTAL COST, \$5449

Bond, \$4096. Surety, Fidelity Deposit Co. of Maryland. Limit, Sept. 5, 1924. Forfeit, plans and specifications, none.

STORE BUILDING, \$2200; 1738 Hazelwood, Fresno; owner, John Pfeiff, 2339 S Cherry, Fresno; contractor, Chris Sommers Jr., 2375 Rose, Fresno.

DWELLING, \$2150; 2268 Lilly St., Fresno; owner, Henry Groth; contractor, Chris Sommers Jr., 2375 Rose, Fresno.

ALTERATIONS to old station, \$3000; 1000 E. Hamilton Ave., Fresno; owner, Shell Co. of Cal., Brink Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded July 15, 1924—LOTS 48, 49 AND 50, Speedway Tract, Fresno. Marie F. Meyer to whom it may concern. July 10, 1924
 July 15, 1924—LOTS 13 AND 14, High Addition Annex No. 5, Fresno. Geo E May to whom it may concern. July 14, 1924
 July 15, 1924—LOTS 11 AND 12, High Addition Annex No. 5, Fresno. Geo E May to whom it may concern. July 14, 1924
 July 15, 1924—LOT 12 AND 13 BLK 17, North Park Extension, Fresno. Carsten Sonniksen to whom it may concern. July 10, 1924
 July 16, 1924—LOTS 3 AND 4 BLK 2, College Park, Fresno. A R Eklund to whom it may concern. July 15, 1924
 July 17, 1924—LOTS 1 TO 4 BLK 3, Oakwood, Antoine Franke to whom it may concern. July 14, 1924
 July 17, 1924—E 1/2 OF W 1/2 LOT 9, Blossom Park, Fresno. Robt J Hastings to whom it may concern. July 15, 1924
 July 17, 1924—LOTS 10 AND 11 BLK 1, Claremont Park, Fresno. J E Saylor to whom it may concern. July 15, 1924
 July 17, 1924—W 1/2 LOT 16 BLK 2, Blakston Villa, Fresno. Everett S Minard to whom it may concern. July 15, 1924

July 17, 1924—LOTS 1 AND 2 BLK 58, K. B. H. Fresno, N and Loma La Notta to W. A. Botto, July 15, 1924
 July 18, 1924—4001 WASHINGTON Ave., Fresno, A. C. Young to G. P. Nixon, July 17, 1924
 July 18, 1924—LOT 15 BLK 10 Lagoon Tract, G. J. Kiegeorge to whom it may concern, July 18, 1924

LIENS FILED

FRESNO COUNTY

Recorded, Amount
 July 17, 1924—NE 50 FT. OF SW 119 ft. of Villa Lot 1, Kroy's Addition, Scima Citizens Lumber Co vs Robt English, \$223
 July 18, 1924—LOTS 1 AND 2 BLK 58, K. B. Hts, Fresno, W. A. Boran vs Laven and Nocola La Notta, \$1670
 July 18, 1924—LOTS 4, 5 BLK 1 PALM Hl, J. B. Wright vs W. Bandy and Valley Bldg. & Inv. Co., \$385
 July 19, 1924—LOTS 21 AND 22 BLK 3, Normal Vista, Fresno, J. D. Hustead Lumber Co vs Chas L. Foster et al, \$532
 July 21, 1924—LOTS 41 AND 42 BLK 24, College Park, Fresno, Rount Lumber Co vs M. V. Doss, \$909

GREAT STEEL-BUT—

From Italy comes the promise of liquid light through radium. A half-pint bottle will last seven years and give off a light rivaling the brilliancy of the sun. But the radium necessary to make the liquid would cost half a billion dollars.

HIGHWAY ENDORSED

The Kern county board of supervisors has endorsed the Matilija Highway project and has passed resolution calling upon the State Highway Commission to favor the early completion of this route to the coast.

It is stated the route will be 50 miles from Tejon canyon to Fillmore. A road from Taft and Maricopa through the San Emedio canyon will intersect the highway, thereby affording one of the most scenic and easiest routes from the San Joaquin Valley to the southern beaches.

A million dollars of U. S. Forestry funds may be available for building the road, according to reports.

DOLLAR WORTH 52 CENTS IN CLOSED SHOP OPERATIONS

The exchange value of the American dollar in "closed shop" building construction is reported to be 52 cents, whereas in buying an automobile and accessories, the consumer receives about \$1.15 in value for each dollar, compared to prewar prices, on account of the "open shop" metal trades.

Plant of Chipman Chemical Company, 3 miles east of Martinez, recently destroyed by fire. Loss is estimated at \$200,000.

MINIMUM SPECIFICATIONS FOR HIGHWAY ENGINEERING POSITIONS

The National Research Council, through its Advisory Board on Highway Research, has recently issued as Bulletin 45, a unique report on "Minimum Specifications for Highway Engineering Positions." The report was prepared by a special committee appointed by the American Association of Engineers. This committee, with Mr. A. B. McDaniel as Chairman, has had the official co-operation of the United States Bureau of Public Roads and of several State Highway Commissions and Municipal Bureaus. The report lists the essential qualifications for the filling of 17 typical highway engineering positions. It also presents a series of 117 actual problems which have arisen in the everyday work involved in carrying out the duties of the various positions. The solutions used are given in some instances and are available for all the problems.

This report will be of particular value to those who teach young engineers, who employ the services of highway engineers or who are in any way charged with the administration of highway engineering organizations. It is intended to be of practical service to those concerned with the proper selection, assignment, promotion, transfer or training of highway engineers.

This book of 105 pages with 32 linecuts and numerous tables may be obtained from the Washington Office of the National Research Council for \$1.00.

ENGINEER WILL SETTLE SCHOOL DISPUTE IN OAKLAND

H. C. Duell, construction engineer, is to be employed by the Oakland Board of Education to aid in settling the squabble over alleged faults in the construction of the Roosevelt and McClymonds school buildings. This was decided at a recent board meeting with Fred Campbell and Georgia Ormsby, directors, casting dissenting votes. In opposing the action, Campbell and Mrs. Ormsby asserted that the board has its own engineer for such work and if outside consultative advice is considered necessary, Wilfred N. Ball, ex-superintendent of construction, should be appointed.

The appointment of Duell is the result of the grand jury investigation, President Hatch stating that the co-operation of the board was asked. Campbell complained that a direct request had not been received from the grand jury in the form of an official communication.

Follow the crowd. U. S. Veterans' Hospital Inspection Trip with Barbecue. Livermore. Thursday, July 31.

P. J. WALKER, CONTRACTOR, NAMED AUTOMOBILE ASSN. DIRECTOR

W. T. Semon of San Francisco, president of the California State Automobile Association and P. J. Walker of Oakland, director and former president of the Association were elected directors of the American Automobile Association at its annual convention in Detroit last week, according to an announcement made in San Francisco. Walker was also named a vice-president of the A. A. A., a position he has held for many years.

Semon is president of the Federal Reserve Bank and a prominent San Francisco capitalist. Walker is a prominent building contractor of San Francisco. Both men have been active for many years in directing the activities of the California State Automobile Association which is now the largest of almost 1,000 automobile clubs affiliated with the American Automobile Association.

GERMANS USE SLAG FROTH TO MAKE BRICK

German industrialists have succeeded in making a good quality of brick from slag froth, which until lately was considered absolute waste. The development especially of heat insulating bricks from this material is considered somewhat of a triumph in German engineering circles.

The froth from the slag, after it has been blown, first is passed between water-cooled rollers, and then is molded to the desired shape. The product that results is in high degree heat insulating, and also is impermeable. It is expected that large scale production will be established as soon as the manufacturing process has been standardized.

SOME ORDER?

Trade was bad with the lumber merchant and so, as he sat brooding in his office one morning, wondering how he was going to pay the rent, he was delighted to welcome a quiet looking young man who entered and inquired:

"Do you sell beech wood?"

"Yes, sir," replied the merchant, with alacrity. "We can supply it in any quantity. In logs or otherwise."

"Oh, I don't want so much as that," replied the young man. "I just want a bit for a violin bridge."—Everybody's.

COSTLY REPAIRS

"This fellow Skinem tried to tell me that he has lived in one house for twelve years and has never paid a cent for repairs," said Emith. "Do you believe that?"

"Indeed I do," replied Jones, sadly. "I'm the man who did his repair work."

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

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Publication Office
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SAN FRANCISCO, CALIF., AUGUST 2, 1924

Published Every Saturday
Twenty-fourth Year No. 31

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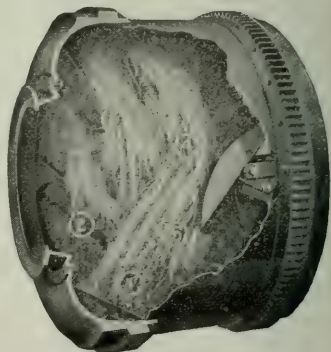
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—**dominant strength concrete**—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., AUGUST 2, 1924

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KLAMATH DAM CONSTRUCTION IS HELD LEGAL

"The Electro-Metals Company of San Francisco has the legal right to proceed with the construction of dams on the Klamath river so far as I know," says Edwin Hyatt, Jr., acting chief of the state division of water rights. Hyatt gave his opinion when shown statements made by Frank M. Newbert and R. B. Duke, president and attorney, respectively, of the state fish and game commission, that the preliminary permit recently granted to the San Francisco company by the federal power commission would not alter the status of the Klamath river controversy because the company did not have any water rights on the river.

"The State Division of Water Rights has issued permits to the Electro-Metals Company to divert water from the Klamath and build dams on the river," Hyatt said, "and I don't see, nor does the attorney for the division, that the suits brought by the game commission to invalidate the permits have yet taken the company's rights away from them."

"The permit of the federal power commission is not a permit to divert water or build dams, but a permit to use the United States lands through which the river flows. It was necessary for the company to obtain this permit, but it already had its water rights so far as the division of water rights is concerned. It is up to the Electro-Metals Company to decide whether it will go ahead with construction work before the people of the state vote next November on the initiative measure to prohibit the building of dams on the Klamath."

AMERICAN INSTITUTE TO FEATURE EXPOSITION OF INVENTIONS

Handlers of building materials, construction engineers and others in the building world whose activities touch in any way on the fertile field of inventions will be interested in learning of the Exposition of Inventions to be held, December 8th to 13th inclusive, in the famous Engineering Societies Building, New York City. The American Institute of the City of New York is handling this display through its Exhibiting Section, with behind it an experience of ninety-six years in fostering and portraying American industrial life.

A feature of the Exposition will be exhibits from the leading American industries showing developments of various machines, utilities and processing methods. In all fields the ingenuity of the inventor and the part he has played in the progress of America will be emphasized.

In this display of American inventions the American Institute will be continuing with a new emphasis almost a century's encouragement of inventors and introduction of their works to the public. Among inventions now used throughout the world that were first displayed to the public at earlier All-American fairs of the Institute are the Morse telegraph, the Hot lightning printing press, the McCormick reaper, the Howe sewing machine, the Bell telephone, the Colt revolver, the Francis metallic life boat, and many others.

The American Institute also established the first permanent exhibit—an idea later adopted in various industries—where "machines, models, specimens and drawings" were displayed to the public. Great annual fairs of the Institute, begun in 1838 and held at such widely known places in their times as Niblo's Garden, Castle Garden, Crystal Palace, Palace Garden, the Academy of Music and Madison Square Garden, in New York City, portrayed year after year the advancements in agriculture, commerce, manufacturers, science and the arts until, with the expansion of the country's business in the last quarter century, the idea developed into the more famous world fairs and national and international industrial expositions under various auspices and managements.

Arrangements for the display of working models or actual devices at the Exposition of Inventions can be arranged through a Committee of the American Institute at 47 West 34 Street, New York City. All proposed displays are subject to approval by the Institute, it being the desire to show only those things of sound worth.

MERCED IRRIGATION CONTRACTS ARE AWARDED

F. Roland on a bid of \$1,447,681 has been awarded a contract by the Merced Irrigation District to relocate approximately seventeen miles of the Yosemite Valley Railroad at the site of the proposed Hixson Dam. The railroad contract involves approximately 925,000 cubic yards of excavation, mostly in rock.

Bent Brothers of Los Angeles, bidding \$2,452,079, the district to furnish the necessary cement, were awarded the contract to construct the Exchequer Dam and power house.

TESTS SHOW WHY ENAMELED IRON WARE WARPS

The Bureau of Standards find that enameled iron ware is much more likely to warp if the iron and enamel have different rates of thermal expansion than if they expand and contract at the same rate. Tests made at the bureau have also shown that warping is less likely to occur if the grease is burned off than if it is taken off with chemicals, and that warping is apt to result from sudden, irregular cooling or from failure to support the ware properly in firing. Thin metal is found to warp more easily than thick, but is more easily straightened.

The enamel used on such ware has for its chief ingredient a form of glass that is finely ground and mixed with other materials to form a paste which is applied to the surface of the metal, dried and fired. The firing causes the glass to melt and adhere to the metal, while the other ingredients are dissolved in it. Warping sometimes occurs when the ware is cooled to room temperature after firing.

POWER IN BASINS OF NEHALEM AND WILSON RIVERS, OREGON

An investigation has recently been made by the U. S. Geological Survey to determine the possibility of developing power in the basins of Nehalem and Wilson rivers, which are within easy transmission distance of Astoria and Portland. The area drained by the headwaters of Wilson river receives a mean annual precipitation of over 130 in., one of the heaviest in the United States. Nehalem river basin, not far north of Wilson river, receives a somewhat lower rainfall. No good reservoir sites were found, but the heavy precipitation sustains well the low-water flow. A manuscript copy of a report by Benjamin E. Jones and Warren Oakey, hydraulic engineers, Department of the Interior, Geological Survey, may be consulted at the office of the Geological Survey in the Interior Department Building at Washington, D. C., or at the district office of the Survey at Portland, 606 Post Office Building.

THE SAFETY OF CONCRETE

An exceptional degree of security from destruction of buildings and loss of life from tornado, earthquake and explosions is provided by the rigidity of concrete. The San Francisco earthquake and fire, the Baltimore fire, the munition shop explosion at Sault Ste. Marie Harbor, the Fergus Falls, Minn., tornado, earthquakes in San Domingo, Guatemala and Japan, and numerous other examples testify to the great resistance of concrete buildings against destruction or serious damage. Life and property are truly conserved by such structures and their occupants have the assurance at all times that they enjoy the highest measure of protection against the destructive forces of nature.—H. Colin Campbell writing in Industry Illustrated.

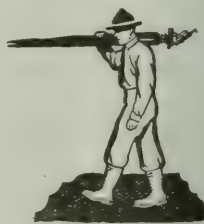
PLANNING COMMISSION NAMED

San Leandro, Calif., has appointed the following to serve as a City Planning Commission: A. E. Pocock, president of the Civic Center; Henry Hale, director of the Chamber of Commerce; C. A. Cushman, business man; L. B. Stagner, bank teller and Howard Bronstein, city trustee.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



Construction work in the building of "Greater California" is under way. Norman H. Sloane, manager of the California Development Association, states that the vision of California's potential greatness is being crystallized through the enormous expenditures of public utility companies, in preparing for the future of California.

"It has been said that California is destined to become a thriving center of human enterprise with a population of thirty million and that we are now entering upon a period of unprecedented prosperity in starting towards this goal," Sloane continues.

"In the history of community building, especially in the United States, progress and prosperity are predicted upon the development of the fundamentals of modern civilization, power and transportation, and this development in turn is dependent upon the vision of officials of public utility organizations.

"When money is spent in furthering the service of a public utility in any community, it is done because of the belief of executive officials in the future of that particular locality.

"Public utility companies of California, after an analysis of past and present conditions and of California's potential wealth and potential growth, show their faith in California's future greatness by placing hundreds of millions of dollars in such channels of expansion as will meet with the needs of a 'Greater California.'

"Following is a vision of these companies depicted in terms of dollars and cents now being expended in construction costs on development programs during 1924:

Pacific Gas and Electric Company.....	\$ 30,592,469.42
Great Western Power Company.....	26,288,000.00
Southern California Edison Company.....	40,000,000.00
Pacific Telephone and Telegraph Company.....	136,500,000.00
Southern Pacific Co., Santa Fe Railroad Co., Western Pacific Co.,	2,615,000.00
San Diego Gas and Electric Company.....	6,000,000.00
San Joaquin Light and Electric Company.....	300,000.00
Midland County Public Service Corporation.....	200,000.00
Fresno City Water Corporation.....	3,000,000.00
Yuba River Power Company.....	13,189,110.00
Los Angeles Gas and Electric Company.....	1,317,272.00
Western States Gas and Electric Company.....	100,000,000.00
Other projects.....	

The grand total for the above is \$362,653,986.00

"The San Joaquin Light and Electric Corporation's expenditures on new work for this year will exceed six million dollars. The cost of additional distribution lines and services to supply new consumers throughout the Valley is estimated at \$1,300,000. More than \$500,000 will be expended for improving present distribution lines and increasing substation capacities to handle the growth of the load. These are but few of the thousands of details that could be enumerated in these public utility projects."

An increase of \$21,000,000 in the assets of 130 of the 145 building and loan associations in California during the fiscal year ending June 30, 1924, is announced by Deputy Commissioner Moses Stern of the Building and Loan Commission. When the reports of the remaining fifteen associations are compiled the deputy commissioner declared that undoubtedly another \$2,000,000 would be added to the assets. Twenty associations that are registered as doing business in San Francisco show total assets amounting to \$10,000,000. The report shows there has not been a failure in this state in the last twelve years. Total assets of all the organizations will approximate \$106,000,000.

The annual report of the Los Angeles city building department for the fiscal year ended June 30, 1924 submitted to the board of public works by Chief Inspector J. J. Backus, shows 60,618 permits with an estimated valuation of \$185,072,734 were issued, a gain of 10.6 per cent in the number of permits and 18.9 per cent in the valuation over the previous fiscal year.

There was a gain of 70.9 per cent in business buildings started during the fiscal year. Fees collected during the fiscal year amounted to \$455,066, an increase of \$64,725.10 over the previous fiscal year. Expenses for the fiscal year were \$361,240.43, making net receipts of the department \$93,825.57.

In a recent discussion of forest fire damage and prevention, S. B. Show, silviculturist with the United States Forest Service in California, stated that fire is the most important cause of denuded forest acres, where logging operations had taken the old timber and no new growth has come up to reclaim the land. Of such fires, most start from the logging operations and a reasonable system of patrol of cut-over land for a few years following logging, the greater portion of California's timberland would, in the opinion of Mr. Show, reproduce in due course of time and carry a second growth of pine in all respects equal to the virgin yield, if not actually greater in volume of timber produced.

"Whether the slash and debris left after logging in western yellow pine should be burned deliberately, to reduce the fire hazard," said Mr. Show, "is a question wholly of time and method. If gathered into piles in an efficient manner, and burned the spring or fall after logging, when fire danger is least, the result will be beneficial. But scattering the slash without burning, or even letting it lie without scattering, is preferable to careless burning, either in piles or broadcast.

"In our California pine region fires in slash are more difficult to control, but not greatly more destructive to the young growth than fires on cut-over areas, where slash has been piled and burned. Unburned slash, indeed, ceases to be a serious hazard in 10 years at the most."

(Continued on Page 7)

Albert O'Brien, a member of the architectural firm of O'Brien Bros., Inc., of San Francisco, died in St. Francis Hospital, San Francisco, July 21, following a lengthy illness. Born in San Francisco, 47 years ago, Mr. O'Brien studied in Paris and later practiced his profession in Cape Town, South Africa, with a brother. Returning to San Francisco he entered business with two other brothers, Walter J. and Charles F. O'Brien. Besides his brothers, he leaves a widow and a sister, Mrs. Louis Jacobs of San Francisco.

The "Economic Use of Riveted Steel Pipe" was the subject of a paper read by J. W. Hall, manager of the Fresno branch of the Western Pipe & Steel Company, at the last meeting of the Fresno Chapter, American Association of Engineers. Hall related in detail the use of the pipe, from the early days of California when it was used for hydraulic mining down to present modern applications. Technical methods of preserving steel pipe, when laid underground, were explained.

Frederick S. Harrison, Sacramento architect, has been given judgment against the Herald School District of Sacramento county, for \$319.40 and costs. Architect Harrison was retained by the Alabama School District, before it was changed to the Herald School District, to plan and supervise construction of a school building. He was not fully paid for his services and filed suit to recover \$340.08, the amount he alleges was due.

A. Kempke, San Francisco consulting engineer, has been appointed chief engineer on the Gordon Valley water project for the city of Vallejo, succeeding C. E. Grunsky of San Francisco, who resigned. Mr. Kempke will be paid \$9,000 for his services, \$2,000 in advance, \$1,000 on completion of specifications and \$500 a month until the remainder is paid.

George W. Borden, Nevada State Highway Engineer, was elected president of the Western Association of Highway Officials at the organization's third annual convention at Yellowstone Park. The association draws its membership from eleven of the western states.

John T. Francis, for the past two years with the Street Department of the city of Oakland, holding the temporary appointment of assistant chief paving inspector since July 1, has resigned. The resignation is effective August 1.

California State Highway Commission announces the completion of specifications for fifty-five new highway bridges to be constructed at a cost exceeding \$2,000,000.

C. W. Kainer, city manager of Pasadena is in Northern California, visiting city managers to discuss and compare items confronting them in their official duties.

ORGANIZATION NEWS

Organisations having a direct connection with the construction industry are invited to submit news for publication in this department.

EXAMINATION FOR DIRECTOR OF HOUSING ANNOUNCED

The California Civil Service Commission, Forum Block, Sacramento, announces an examination will be held shortly in San Francisco and Los Angeles for the position of Director of Housing, operating under the Commission of Immigration and Housing. The position pays a salary of \$250 a month with a possible maximum of \$350.

The duties of the position are, under administrative direction of the Commission of Immigration and Housing, to direct the work of housing inspection; to be responsible for the enforcement of the state housing laws; to outline and direct publicity campaigns for the improvement of housing conditions; to assist in the promotion of the welfare of inhabitants of incorporated towns by bringing about co-operation between state and municipal authorities on housing affairs; to speak in public and to write for publication on matters relating to housing; and to perform related work as required.

Receipt of applications to take the examination closes August 9. Complete particulars will be furnished by the commission on request.

BUILDERS ORGANIZE

Starting with a membership of twenty-five, the Los Gatos Builders' exchange was organized in that city, July 26. G. A. Millar, general contractor, was elected president of the exchange; Roy Davenport, secretary and C. H. Lawson, plumbing contractor, treasurer. John A. Sullivan, painting contractor, was one of the principal organizers of the exchange which will maintain offices in the Foothill Bldg., Los Gatos. The organization will perform all the functions of like associations in the larger cities and will bring about closer co-operation among the various crafts of the industry in that section.

ENGINEERS ELECT OFFICERS

Zalorus Rungee was elected president of San Diego Chapter, American Association of Engineers, at its July meeting, succeeding A. C. Black. Other officers elected were: John F. Covert, vice president; E. F. Randel, secretary; H. Bennett, treasurer; E. H. Culver, delegate to the district convention; Alvin C. Clark and F. S. Callender, members of the board of directors.

WANTED—BAMBOO ERECTORS

An American builder visited an Chinese city and struck up an acquaintance with a native in the same line. The Chinese builder thought the American ought to put up some skyscrapers, which the tourist assented. "Could we get some experts from our country?" was the next inquiry. "Sure."

"And how should we advertise?" "Well," replied the American, "if I were you I'd advertise for structural steel workers who understand bamboo." St. Paul Dispatch.

Following similar action by the West Coast Shingle Association, Salt Lake City lumbermen have adopted a resolution accepting the standard "5 2" shingle recommended by Secretary of Commerce Hoover. The new shingle, it is said, will mean a longer period of use. Where the old shingle would ordinarily last 20 years, the new one will now last some 30 years, shingle men say.

Monte Rio is Selected as Site For Annual Builders' Day Outing

The annual "Builders' Day" outing of the San Francisco Builders' Exchange will be held at Monte Rio, Sonoma County, on August 30, 31 and September 1.

The 1924 outing has received the official sanction of the exchange directors who have authorized the expenditure of a handsome appropriation to assist the committee in meeting all preliminary expenses in connection with the affair.

Monte Rio is located on the Russian river about eighty miles from San Francisco. It is probably the biggest Summer resort town on the river having several modern hotels, a number of tent camps and several cottage grounds.

Efforts will be made by the committee on arrangements to secure every possible accommodation to assure the builders and their friends adequate sleeping quarters.

Monte Rio, as a location for "Build-

ers' Day" festivities is ideal, inasmuch as swimming, boating, playgrounds and craw fishing may be enjoyed. Sandy beaches are in abundance.

Wm. J. Feary of the Western Lime & Cement Company, immediately following the selection of Monte Rio as the location for the outing, was unanimously selected chairman of the Committee on Arrangements. Mr. Feary acted in the same capacity during the 1923 outing. Other members who will serve on the committee include: Steve I. Guerin of the J. S. Guerin Company; Clarence F. Pratt of the Pratt Building Material Company; Emile Hogberg, brick contractor; Chas. O. Monson, lathing contractor; Art B. Smith with Harold Johnson, general contractor; William Bateman, millman; Chris J. Hillard of the C. J. Hillard Company; John W. Bender of the Bender Roofing Company; R. B. Cleghorn of Proctor & Cleghorn, general contractors. Joseph B. Crowe of the Crowe Glass Company will be secretary of the committee.

BAY SHORE HIGHWAY ATTRACTS MANY BIDDERS

Sixteen bidders competed when bids were opened by the California Highway Commission for the grading of 5.2 miles of the Bay Shore Highway from South San Francisco to Broadway Station. Contractors were permitted to bid on several alternative methods.

For the construction of a grade 100 feet wide by the suction dredge method, one bid was received, that of the George Pollock Company of Sacramento. The Pollock bid was \$526,090 against an engineer's estimate of \$293,808.

Four offers were received for the construction of a 100 foot grade by the borrow pit method. The low bidder under this plan was Haas & Doughty of San Francisco whose offer was \$202,161 against an engineer's estimate of \$113,108.

Still another alternative was offered; that of making the fill by hauling material from Belle Air Island. D. A. Foley & Company of Los Angeles offered to construct a 100 foot grade by this method for \$492,960. The engineer's estimate was \$605,908. Seven bids were received in all under this plan.

The same firm was low bidder for the construction of a 60 foot grade by the same plan. The bid was \$298,610, against an engineer's estimate of \$398,908. Eight bids were received for the 60 foot grade.

For the construction of necessary culverts and other similar structures of concrete, the West Coast Construction Company, the low bidder, offered to do the work for \$54,922.34. The engineer's estimate was \$50,525.

To build the same structures using wood instead of concrete, Kaiser Paving Co. of Oakland was the low bidder with an offer of \$39,452, against an engineer's estimate of \$38,173.

The bids will be given careful study by the engineers of the commission before recommendations are made to a meeting of the highway commission which will be held in San Francisco August 4th.

In accordance with an act of the 1923

legislature, funds for the construction of the unit of the Bay Shore highway on which the bids were received are to be furnished the highway commission by the City and County of San Francisco.

PLUMBING CONTRACT ON STOCKTON CITY HALL TIED UP

Stating that the plumbing contract for the new Stockton Memorial Auditorium was illegally awarded to the Stockton Plumbing Supply Company, Mayor Raymond J. Wheeler refuses to sign the contract, upon the advice of City Attorney J. Leroy Johnson.

Johnson alleges that the contract which was awarded to the Stockton Plumbing Supply Company, when John Charlesworth, an employee of the company, was a member of the city council, was done so in violation of the city charter.

Although Charlesworth was absent from the meetings at which the city council accepted the bids of his firm, his presence on the council was sufficient to make the awarding of the contract to his firm invalid, Johnson states.

The law firm of Nutter, Hancock & Rutherford announced that a petition for a writ of mandamus ordering Mayor Wheeler to sign the contract will be filed in San Francisco. Should the court decide that the contract was illegally awarded, no further bid can be made by the company, it was stated.

No delay in the construction of the auditorium is anticipated by these litigations, the mayor said.

Southern California Chapter, Associated General Contractors of America, is on record as opposed to the practice, which is not uncommon, of asking contractors to submit an excessive number of alternate bids. The association declares that many of the alternates frequently asked for entail unnecessary work on all bidders in preparing their estimates and should be properly left to negotiation with the successful bidder.

TRADE NOTES

H. H. Hoxie has sold to Thos. W. Meech his half interest in the business known as Hoxie & Meech with headquarters at 4036 E-Fourteenth street, Oakland. Mr. Meech will continue to operate the business, operating under the name of "Thos. Meech Electric" and assumes all liabilities of the firm of Hoxie & Meech. The firm will continue in the design and manufacture of lighting fixtures and motor, generator and industrial installations.

The Weyerhaeuser Timber Company has purchased 2692 acres of timber land near Kelso, Wash., records filed with the county auditor in that city show. There are 240,000,000 feet of timber involved in the deal, the sale price amounting to \$100,000. The same company recently purchased 3960 acres of timber land on the Toutle river, with 300,000,000 feet of timber standing, involving a consideration of close to \$1,000,000.

San Francisco offices of the U. S. Steel Products Company deny the report that the Pacific Coast Steel Company, a subsidiary company, has signed a long term lease on a 700-acre tract of iron ore deposits in the Irish Hills, near San Luis Obispo. Reports are current in the latter city that the Pacific Coast Steel Company will have construction forces on the site in the immediate future.

California Wire Company of Orange, Calif., a three million dollar corporation, has purchased a five-acre site on the Santa Fe Railroad in Pittsburg, Contra Costa County, and plans early construction of a \$1,000,000 plant for the manufacture of insulated wire and cable.

Shelton Adjustable Double Deck Car Company has opened sales and distributing offices 1019 Monadnock Bldg., San Francisco. The concern manufactures an adjustable deck for freight cars by means of which the carrying capacity of cars will be greatly increased.

M. J. Moore, formerly of Newark, N. J., has opened a sheet metal shop at 2733 Geary street, San Francisco. He will specialize in heating and ventilating, blow pipes, smoke stacks and breechings.

Oriole Lodge mill of the Pratt and Warner Lumber Company with headquarters in Los Angeles has been destroyed by fire. The loss is estimated at \$100,000. The mill was located five miles above Oakgrove, Tulare County.

Dalziel-Molles Company, wholesale plumbing supply dealers, is having plans prepared for a two-story reinforced concrete plant to be erected in the vicinity of Twelfth and Mission Sts., San Francisco.

Frank E. Phillips and G. Harrington Kleindinst have formed a co-partnership and will operate under the firm name of Structural Engineering Company with offices in the Pacific Bldg., San Francisco.

The Redwood City Chamber of Commerce is making plans to celebrate the opening of the Pacific Portland Cement company's plant, now nearing completion in that city. It is expected the plant will be in operation in August.

Owens Brick Company has started construction of a new plant at Calvert and Kester streets, Van Nuys, Calif. The cost of the plant including equipment will be about \$65,000.

Record Concrete Paving Program in Last Six Months

BY J. C. BOYLE

The expanding use of the automobile and its attendant traffic congestion has resulted in establishing a record for concrete street and highway production in the last six months. Over 48,000,000 square yards of concrete pavement was placed under contract between January 1 and July 1, according to the Portland Cement Association. That is equivalent to 4800 miles of 18-foot pavement. The largest previous amount contracted for in a similar period was in 1922, when 54,000,000 square yards were awarded.

The most notable gains were accounted for by city streets, as is natural, since it is in the cities that traffic congestion is greatest. Fourteen million square yards, equivalent to 800 miles of thirty-foot wide pavements, were contracted for up to July 1. This is more than was placed in any entire year up to 1922, and two million square yards more than was awarded in the first half of 1923, the best previous year.

About one-fourth of the concrete street pavement arranged for this year is in 63 cities of 100,000 population or over. New York, Chicago, Baltimore, Milwaukee, Detroit, Los Angeles, Seattle, Atlanta, Indianapolis, Cincinnati, Kansas City and other large centers now are engaged on pretentious paving programs.

On January 1, this year, about 5800 miles of concrete street averaging 30 feet in width were under traffic and contractors carried over from 1923, 400 miles which had been contracted for but not laid. When all the contracts now signed have been completed there will be about 7000 miles of concrete city streets in this country.

There were 25,627 miles of concrete highways averaging 18 feet wide in use at the beginning of the year, and 2500 miles which, when completed, will

make the grand total of concrete highways well above 30,000 miles.

The activity which will prevail in road construction during the remainder of the year can only be estimated, but there has been some falling off in building construction and this, with the release of labor from some other industries and its absorption by highway construction is having a tendency toward lower costs. Public improvement bonds now are bringing better returns and being more readily absorbed by investors, and altogether the prospect is bright for continued activity in road work.

Cement prices have been fairly stable and there is evidence of a tendency to remain so. Since all Portland Cement is made under a standard government specification, competition and demand are the prime factors in fixing prices in any individual locality. Cement mills must dispose of their output steadily in order to operate successfully.

A slackening of demand in any section has a tendency to bring a cut in quotations by those concerns best able or most anxious to supply that territory. Their competitors then must meet such a cut or abandon that territory, since price on a standard-made product is the controlling influence with the buyer. A continuing demand for road work would therefore have a tendency toward keeping prices fairly level in most localities, since the drop in building construction has not been acute.

August usually marks the high mark of production in the cement industry and it is probable that over 14,500,000 barrels will be produced next month with the annual outturn for the year closely approaching, if not exceeding the 137,377,000 barrels made in 1923, which was valued at \$207,000,000.

DATA ON STRUCTURAL MATERIALS

Values of the strength of pure metal and their alloys, and of wood as given in the revised edition of the Bureau of Standards circular on the physical properties of materials. The data includes the strength in tension, compression, and in shear, the resistance to fatigue, and many other properties which an engineer must know in order to design a structure that will safely carry its intended load. The effect of high temperatures on the strengths of different metals is shown by tables and by graphs, and the physical properties such as specific gravity, melting point, and coefficient of expansion are given. The data is given in Circular 101 of the Bureau of Standards, Department of Commerce entitled "Physical Properties of Materials." Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington D. C. The price is 40 cents.

STEEL BARREL OUTPUT

The Commerce Department has announced that, according to reports of the biennial census of manufactures - 1923, the establishments engaged primarily in the manufacture of portable iron barrels, drums and tanks in the year reported such products valued \$22,714,824, together with other class of products valued at \$528,515, making a total of \$23,243,339. The rate of increase in the total value of products, compared with 1921, the last previous census year, was 60 per cent.

Gulifoy Cornice Works, formerly located at 209 Eighth St., have moved to its new quarters at 1234 Howard St., San Francisco. The company specializes in the manufacture of sheet metal cornices, ventilated skylights and entrance marquees and are the sales manufacturers of the Pacific Syphon Ventilators and Pacific Puttyless Skylights.

Standard Lumber Company plans to establish a townsite in Siskiyou County, about sixteen miles southwest of Dorris. The place will probably be known as Standard City and will provide accommodations for about 2500 people.

With orders for granite totaling approximately \$20,000,000 the Raymond Granite Company, operating at Knowles, Madera county, plans to double its working forces and install additional equipment, according to Plant Superintendent J. P. Graham.

M. C. R. Nelson, for the past fourteen years operating in Fresno as a general contractor, has taken up his residence at Petaluma and will engage in the home building business.

The Steam & Plumbing Service Corporation, capitalized at \$20,000, has been incorporated in San Francisco. The directors are: A. G. Zeitschel, A. Trotter and W. Sea.

Plant and buildings of the Swift-Murphy Lumber Company in Portland were destroyed by fire July 23.

PUBLICATIONS

THE OBSERVER

(Continued from Page 4)

The National Research Council, through its Advisory Board on Highway Research, recently issued as Bulletin 4 a unique report on "Minimum specifications for Highway Engineering education." The report was prepared by a special committee appointed by the American Association of Engineers. Its committee, with A. B. McDaniel as chairman, has had the official cooperation of the United States Bureau of Public Roads and of several state highway commissions and municipal agencies. The report lists the essential qualifications for the filling of seven typical highway engineering positions. It also presents a series of 117 actual problems that have arisen in every day work involved in carrying out the duties of the various positions. The solutions used are given in some instances and are available for the problems. This report is intended for use of practical service to those concerned with the proper selection, assignment, promotion, transfer, and training of highway engineers. This book of 165 pages with 32 line cuts and numerous tables may be obtained from the Washington office of the National Research Council, at B and Twenty-first streets, for one dollar.

The Roman Paint Co., Inc., of San Francisco and Oakland has issued a novel 4-page book folder entitled "Fire Loss Problems Solved." The folder points out the value of "Proxi-X" fire resisting paints, which the folder points out, contain special pigments that do not support combustion and effectively resist sparks, etc., eliminating the danger of fire loss. As demonstration the Roman Company has requested a wooden ladder which has been painted with Proxi-X roof paint and subjected to the flames of 6300° heat from an acetylene torch.

The C. F. Pease Company, 889 N. Franklin street, Chicago, is distributing Catalog F 24 on furniture for the drafting room. The catalog fully illustrates and describes a complete line of the most approved styles of drawing boards, filing cabinets, drawing tables, and draftsman's stools. The firm also publishes Catalog G, a book of some 300 pages on items required in surveying and engineering work as well as blue printing machines and drafting room supplies.

Marquette Cement Manufacturing Company, Marquette Bldg., Chicago, has published an attractive brochure commemorating the centennial of portland cement and the twenty-fifth year of Marquette. The publication contains some very fine illustrations.

1923 WALL PAPER PRODUCTION

The Department of Commerce announces that, according to data collected at the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of wall paper reported products valued at \$34,557,000, of which amount \$34,189,089 was contributed by wall paper and \$366,611 by other products. The rate of increase in the total value of products is compared with 1921, the last preceding census year, was 13.2 per cent. Of the 51 establishments reporting for 1923, 14 were located in Pennsylvania, 5 in New York, 12 in Illinois, and the remaining 12 in New Jersey, Massachusetts, Ohio, Delaware, and Indiana.

The introduction of modern machinery and newer methods in building construction has made building possible with very little regard to weather conditions, according to the report of a nation wide survey conducted by the Department of Commerce under Secretary Hoover to determine why building could not be carried on the year round.

The survey by the Committee on Seasonal Operation in the Construction Industries was an outgrowth of the President's Conference on Unemployment, whose purpose is to stimulate employment, to eliminate waste and to reduce costs. "Construction with steel has gained an independence of the weather because of the hoisting engine and air-driven tools," the report says.

"The hoisting engine was adapted for building purposes about 1895. It not only lifts heavy parts to place without the risk attendant upon raising by hand, particularly in cold and wet weather, but also makes it possible to raise heavier pieces than could be raised by hand. It eliminates much of the labor and most of the accidents which occurred when laborers crawled up uncertain ladders with loaded hods, or up slippery planks with heavy wheelbarrows in inclement weather.

"The application of compressed air also has increased the possibilities of all year round building. Compressed air in building was first utilized about 1900 to meet the demand for more economical riveting of the joints in steel structures. The pneumatic hammer greatly decreased the labor and time needed for riveting—no small matter when the steel worker's complete exposure to the elements is considered.

"Rivets formerly were heated in coal burning forges and were thrown and caught by the riveting crews. Many were the fires and accidents due to sparks overturned forges and misdirected rivets. The latest equipment heats rivets by gas or oil flames or by electric currents passed through them. Rivets are heated nearer the place where used and most of the former dangers eliminated."

Individuals concerned with building are urged to do their share in contributing to all year round building operations by scheduling new work and repair work at a time when the pressure of general building is not at its height.

Thirty-five million dollars have been expended by the State and Federal Governments and landowners on the flood control project of the Sacramento river since 1909, according to a report made public by A. M. Barton, chief engineer of the State Reclamation Board. He estimates \$15,000,000 more will be needed to complete the project as planned. The burden of the costs has been borne by the landowners of the Sacramento valley. Barton's report shows, although the original agreement was that the costs would be Federal government and landowners. Since 1909 the expenses of the project that have been met by the landowners totaled \$28,430,000.

Further recognition of the important place the Pacific Coast has won in the world of organized motordom came with the announcement that the American Automobile Association, the nation-wide representative of the organized motorists of America, will shortly establish a western headquarters in San Francisco. This new western headquarters of the A. A. A. will be located at the general offices of the California State Automobile Association on Van Ness avenue in San Francisco. It will provide the national body with a more direct contact with its various affiliated automobile clubs in the West.

E. Sampson of the U. S. Geological Survey is making a geological plat of the San Carlos asbestos district in Gila and Navajo counties, Arizona. Sampson has been over the ground before and is said to have made a report that the mines of the locality contain the largest highgrade deposit of asbestos so far discovered in the United States.

Petitions are being circulated in Marin county seeking to have the county supervisors continue the fifty cent tax for permanent road work and the apportionment of the tax divided equally among the five road districts.

Three locomotives and a roundhouse, the property of the Verdi Lumber Company at Verdi, Nevada, were destroyed by fire on July 24. The origin of the blaze has not been determined.

Los Angeles' building total for July will be in excess of ten million dollars if the ratio for the first 22 days of the month is maintained throughout. Up to and including the 22nd the number of permits issued was 2487; and the estimated valuation was \$7,945,078. For the corresponding period in June, preceding, the number of permits was 2560 and the estimated valuation was \$7,165,214. For 22 days of July, 1923, the number of permits was 2438 and the estimated valuation \$11,352,731. For the current year, up to and including July 22, Los Angeles building total was \$86,773,816, as compared with \$105,241,916 for the corresponding period last year.

Establishing what is believed to be a Pacific Coast record, workmen of the Algoma Lumber Company at Klamath Falls, in one afternoon loaded 40 cars of logs, scaling 429,600 feet, in seven hours and 35 minutes, using a McGiffert loader. All cars were accepted by the Southern Pacific inspector with the exception of one which was fastened with a defective chain. Nine men were in the crew. Work having gone forth than an attempt would be made to establish a record, loggers and loaders from other camps were present during the entire day.

John Perrin, chairman of the Federal Reserve Board, reporting conditions in the Twelfth Federal Reserve District in his June summary of business conditions reports June lumber production in the district was smaller than in the preceding month for the first time since January, 1924, and the value of building permits was 28.5 per cent and 8.9 per cent below the figures reported for a year ago and a month ago, respectively, continuing the downward tendency for the past three months.

Six platinum crucibles, valued at more than \$1000, were stolen from the plant laboratory of the Monolith Portland Cement Company at Monolith, Kern County, July 24.

Vitrified Products Corporation is making extensive additions to its plant in Jefferson street, San Diego. Approximately \$100,000 will be expended to double the capacity of the plant.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, \$28,860
SAN FRANCISCO, N 14th 50 W Belcher
 Two-story and basement frame (12)
 apartments.
 Owner—Jean Escaloses, 5498 Mission St.
 San Francisco.
 Architect—P. Righetti, 12 Geary St.,
 San Francisco.
 Contractor—G. Lindberg, 1 Naylor St.
 San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, \$30,000
OAKLAND, Alameda Co., Cal.
 Two-story frame apartment house (6
 4-rm apts., brick veneer exterior)
 Owner—Withheld.
 Architect—W. E. Huson, Chronicle
 Bldg., San Francisco.

Construction Under Way.
APARTMENTS Cost, \$50,000
BERKELEY, Alameda Co., Cal., Uni-
 versity Ave., bet. Shattuck Ave.
 and Grove St.
 Two-story frame and stucco apartment
 house.
 Owner & Contractor—Leslie R. Wilson,
 2216 Blake St., Berkeley.
 Architect—Hutchinson and Mills, 1214
 Webster St., Oakland.

Contract Awarded.
APT. BLDG. Cost, \$84,018
OAKLAND, NW Cor. Brush & 12th Sts.
 Three-story brick apartment building.
 Owner—Har. H. North and E. M. North
 2414 Prospect St., Berkeley.
 Architect—Julia Morgan, Merchants
 Exchange Bldg., San Francisco.
 Contractor—Roscoe W. Littlefield, 357
 12th St., Oakland.

Plans Being Figured.
APT. HOUSE Cost, \$30,000
SAUSALITO.
 Two-story and basement frame apart-
 ment house (4 apartments).
 Owner—Mrs. J. F. Binnie.
 Architect—Vernon Houghton, 275 Post
 St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, \$60,000
SAN FRANCISCO, SW Cor. Gough and
 Chestnut Streets.
 Three-story and basement frame and
 brick veneer and stucco apartment
 building.
 Owner—Stock and Jose.
 Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$17,000
SAN FRANCISCO, Fourteenth St. near
 Dolores.
 Two-story and basement frame and
 stucco apartments.
 Owner—Withheld.
 Architect—A. J. Horstman, 110 Sutter
 St., San Francisco.
 Plans will be ready for figures in two
 weeks.

Plans Complete.
APT. BLDG. Cost, \$12,000
SAN FRANCISCO, NW 14th & Noe Sts.
 Two-story and basement frame apart-
 ment building, (4 apts.)
 Owner—G. McKidds, care architects.
 Architect—C. O. Clausen, Hearst Bldg.,
 San Francisco.

Sub-Figures Being Taken.
APARTMENTS Cost, \$55,750
SAN FRANCISCO, W Julian Ave. 275
 N Sixteenth Street.
 Three-story and basement frame (21)
 apartments.
 Owner—F. F. Schuster, % Architect.
 Architect—F. S. Holland, 1629 Folsom
 St., San Francisco.
 Contractor—O. C. Holt, 180 Jessie St.,
 San Francisco.

Sub Contract Awarded.
APARTMENTS Cost, \$143,974
SAN FRANCISCO, No. 2006 Washington
 Street.
 Ten-story reinforced concrete apart-
 ment house.
 Owner—Two Thousand Six Washington
 Street, Inc.
 Architect—C. A. Meussdorffer, Hum-
 boldt Bank Bldg., S. F.
 Contractor—Robt. Trost, 26th and
 Howard Sts., San Francisco
 Painting to Neal Co. at \$4290.

Contract Awarded.
APT. BLDG. Cost, \$17,000
OAKLAND, SE 38th St. 120 E Bruce St.
 Two-story 16-room frame apartment
 building and garage.
 Owner—S. G. McDonough, 1426 Frank-
 lin St., Oakland.
 Contractor—Harry C. Knight, 1426
 Franklin St., Oakland.

Plans To Be Prepared.
APT. BLDG. Cost, \$50,000
SAN FRANCISCO, NW Octavia and
 Chestnut.
 Three-story and basement frame and
 stucco apartments.
 Owner—Stock and Jose.
 Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

LOS ANGELES, Cal.—Architect S.
 Charles Lee, 329 Douglas Bldg., has
 completed revised plans for a two-
 story 60-room apartment to be erected
 at 532 S. Hobart Blvd., for I. W. Fisk.
 Bids are now being taken by architect
 for plumbing, heating, sheet metal and
 electric wiring. Dimensions, 60x140 ft.,
 brick walls, composition roofing, gas
 steam heating system, forced ventila-
 tion, tile baths and drainboards, hard-
 wood floors, hardwood trim, wall beds,
 refrigerators, elevators, incinerator.
 Cost, \$75,000.

SAN FRANCISCO—The Neal Co., 447
 Ivy Ave., Submitted the lowest bid to
 Architect C. A. Meussdorffer, Humboldt
 Bank Bldg., at approx. \$4200 for paint-
 ing of the ten-story reinforced con-
 crete apartment building at No. 2006
 Washington St. As reported before,
 bids are being taken for marble work
 and hardwood flooring.

LOS ANGELES, Cal.—Lee Callahan &
 Sons, 518 Carondelet St., have prepared
 plans for a Class C apartment house to
 be erected on Rampart Blvd., between
 3rd and 6th Sts., for L. A. Rose, 1274
 S. Western Ave. Four-story, 60x109 ft.,
 48 apts., 109 rooms, brick walls, pressed
 brick facing, marble and tile work,
 pine trim, tiled baths, wall beds, steam
 heating, elevator. Cost, \$90,000.

LOS ANGELES, Cal.—Architect S.
 Charles Lee, 329 Douglas Bldg., is re-
 vising plans for a two-story, 60-room
 apartment building to be erected at 532
 S. Hobart Blvd., for I. W. Fisk. New
 bids will be taken on plumbing, heat-
 ing, sheet metal and electric wiring.
 Dimensions, 60x140 ft., brick walls,
 composition roofing, gas steam heating
 system, forced ventilation, tile baths
 and drainboards, hardwood floors,
 hardwood trim, wall beds, refrigerators,
 elevator and incinerator. Cost, \$75,000.

LOS ANGELES, Cal.—Archit. Saul H.
 Brown, 528 Union League Bldg., has
 completed revised plans for a 4-story
 class C apt. bldg. to be erected at 12th
 St. and Grandview Ave., for Louis
 Felix. There will be 85 single apts. and
 large lobby. Four stories, brick walls,
 terra cotta trim, struc. steel, comp. rfg.
 gas radi., aut. water htrs., tile baths
 and drainbds., hardw. fls., pine trim
 wallbds., refrigerators, elevators, fire
 escapes; \$150,000.

BONDS

CARMICHAEL, Sacramento Co., Cal.
 —Election will be held Aug. 12 in Car-
 michael School District to vote direct
 tax of \$2000 to finance additions and
 purchase of furniture for present
 school. J. F. Barrett and R. L. Gibbons
 are trustees of district.

MERCED, Merced Co., Cal.—Unti
 Aug. 4, bids will be rec. by county su-
 pervisors for purchase of \$2000 bon.
 issue of Winton School District; pro-
 ceeds of sale to finance school im-
 provements.

ROSEVILLE, Placer Co., Cal.—Elec-
 tion will be held Aug. 14 in Roseville
 Grammar School District to vote bond
 of \$40,000 to finance erection of new
 school in Vernon street.

MODESTO, Stanislaus Co., Cal.—Unti
 Aug. 12, bids will be rec. by county su-
 pervisors for purchase of \$5,000 bon.
 issue of Roberts Ferry Union School
 District; proceeds of sale to finance
 school improvements.

PLACERVILLE, El Dorado Co., Cal.—Elec-
 tion will be held Aug. 16 in Dia-
 mond Springs School District to vote
 bond of \$9500 to finance school im-
 provements. Trustees of district are
 C. A. Meyer, J. W. Landis and Emmi-
 Stanley.

EL CERRITO, Contra Costa Co., Cal.
 —Election will be called shortly to
 vote bonds to finance construction o
 new town hall. The estimated cost o
 the structure has not yet been deter-
 mined.

GRIDLEY, Butte Co., Cal.—Electio
 will be held Aug. 11 in East Gridley
 School District to vote bond of \$1250
 to finance plumbing installation
 painting and alterations to school. W.
 E. Hunzeker, clerk of district.

Material of Merit

DOORS

Firedoors, Freight Elevator,
 Garage and Warehouse Doors.
Fold-up-Doors, T1-co-doors, Cobald-
 doors, Wal-el-doors.—St. Louis
 Fire Door Co.

STORE FRONTS

The newest and most diversified
 store front.—Security Metal
 Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-
 slipping flooring.—Irving Iron

Works Co.

LIGNT SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

BAKERSFIELD. Kern Co., Cal. — Election will be held Aug. 11 in John-estabed School District to vote bonds of \$500 to finance school improve-ments. Trustees of district are: Glenn Kibbey, Mrs. H. J. Jackson and H. G. Nosselt.

BAKERSFIELD. Kern Co., Cal. — Election will be held Aug. 16 in Bak-ersfield School District to vote direct tax of \$23,000 for school improvements. Trustees of district are: Elizabeth Hare, Mrs. J. W. Voorhies, J. L. Frost and M. P. Fickinger.

SANTA MONICA. Cal. — City council of Santa Monica is considering a bond issue for erecting a new city hall. Sketches have been submitted by Ar-chitects Russell & Albright, Story Bldg., Los Angeles, which provides for a 4-story reinforced concrete building with 6 stores on ground floor and city offices above, which will cost about \$600,000.

SANTA ROSA. Sonoma Co., Cal. — Election will be held Aug. 18 in Vine Hill School District to vote bonds of \$14,000 to finance school improve-ments. Trustees of District are: Fred C. Ward, Albert Beckman and E. Kob-ler.

CHURCHES

Sub-Figures Being Taken.
CHURCH Cost, \$75,000
BURLINGAME. San Mateo Co., Cal.
Two-story and basement frame and stucco church.
Owner—First M. E. Church.
Architect—Paul V. Tuttle, 357 12th St., Oakland.
Contractor—Leadley & Wiseman, 207 2nd St., San Mateo.

Planned.
CHURCH Cost, \$30,000
BURLINGAME. San Mateo Co., Cal.
Middlefield Road & Baywater Ave. Church (1st unit, auditorium to cost \$15,000).
Owner—Baptist Church of Burlingame.
Architect—Not Given.

Plans To Be Figured Next Week.
CHURCH Cost, \$35,000
SOUTH SAN FRANCISCO. San Mateo County.
One-story frame and stucco church.
Owner—Methodist Church of South San Francisco.
Architect—Wythe, Blaine & Olson, 1800 Telegraph Ave., Oakland.

NEAR CULVER CITY. Los Angeles, Co., Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., are preparing plans for a syna-gogue and hospital to be erected at Vista Del Mar, near Culver City, for the Jewish Orphanage Home of South-ern California. The synagogue will have a seating capacity of about 250 people and will be one-story, 40x60 ft. and the hospital will contain 6 beds and will be 30x70 ft., 1-story. Brick walls, tile and composition roofing, cement and hardwood floors, gas heat-ing, pine trim. There will also be a one-story garage, 20x40 ft., frame and plaster construction, and a two-story building will be altered into a laundry building.

TAFT. Kern Co., Cal.—Architect Robt. H. Orr, Cooperative Bldg., Los Angeles, commissioned by Baptist Church of Taft to prepare plans for edifice to be erected at Third and Kern streets. Sunday school quarters will provide ac-commodations for 400 pupils. F. W. Crawford, pastor.

FACTORIES AND WAREHOUSES

Contract Awarded.
WAREHOUSE ETC. Cost, \$100,000
SEATTLE. Wash., Terry Ave., bet. Re-publican and Marlin Sts.
Three-story and basement reinf. conc. warehouse and loft bldg.
Owner—Vance Lumber Co.
Architect—V. W. Voorhies, Eitel Bldg., Seattle.
Contractor — Strandberg & Robinson, Arcade Bldg., Seattle.

Bids Rejected.
FACTORY Cost, \$100,000
MODESTO. Stanislaus Co., Cal.
One-story reinforced concrete & brick tin can factory 50x130 ft.
Owner—Borden Condensed Milk Co.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Bids will be taken for a general con-tract.
All bids were rejected on account of being too high.

Plans To Be Prepared.
DEPOT Cost, \$75,000
FRESNO. Fresno Co., Cal., Van Ness and California Aves.
Building material sales depot.
Owner—Mairis Brothers.
Architect—Withheld.
Only preliminary drawings have been prepared. Further mention will be made of this work when plans are further advanced.

Plans Being Figured—Bids Close July 29, 1924.
BUILDINGS Cost, \$100,000
GLAND. Contra Costa Co., Cal., 290 acre tract.
Construction of a group of about 20 frame and corrugated iron build-ings with concrete foundations.
Owner—furnisher (materials).
Owner—Giant Powder Co., First Natl. Bank Bldg., S. F. and Giant Cal. Mr. Stratton in charge at plant.
Architect—Eng. Dept. of owner.

Contract Awarded.
LAUNDRY Cost, \$12,000
SAN FRANCISCO. Bay View & New-hall Sts.
One-story concrete laundry.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Contractor—John J. Leonard, 130 Jes-sie St., San Francisco.

Plans Being Prepared.
STORE & LOFT Cost, \$35,000
SAN FRANCISCO.
Two-story class C store and loft bldg.
Owner—Withheld.
Architect—Mark T. Jorgensen, 110 Sut-ter St., San Francisco.
Plans will be ready for figures in about three weeks.

Bids To Be Taken Shortly For General Contract.
BUILDINGS Cost, \$500,000
EMERYVILLE. Alameda Co., Cal.
Six 1-story reinforced concrete bldgs. storage yards, warehouse, machine and electrical shops, foundry, labo-ratory buildings, metal shop and spur tracks.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.
As previously reported, C. H. and A. W. Gorrill, Bacon Bldg., Oakland, have been awarded at approx. \$75,000 for construction of foundations, exca-vations, walls and spur tracks. Other bids will be taken later.

Contract Awarded.
WAREHOUSE Cost, \$10,000
SAN FRANCISCO. SW Filbert and San-some Sts., San Francisco.
One-story brick warehouse building.
Owner—Warehouse Investment Co., 60 California St., San Francisco.
Contractor—George Warner, Inc., 181 South Park, San Francisco.

Site Purchased—Plans To Be Made.
PLANT Cost, \$1,000,000
(Ultimate expenditure including equipment)

PITTSBURG. Contra Costa Co., Cal., 5-acre site on Santa Fe Railroad. Industrial plant for manufacture of in-sulated electric wire and cable.
Owner — California Wire Co., 204 N Cypress Ave., Orange, Cal.
Architect—Engineering Department of owners.

SAN BERNARDINO. San Bernardino Co., Cal.—E. Q. Sullivan, engr., 8th Div. State Highway Comm., announces plans have been completed and bids will be called for soon for building first unit of the commission's divi-sion at shops on 3-acre site at 3rd and Arrowhead. Building will be sawtooth roof type, 60x120 ft., and of fireproof construction.

SAN DIEGO. Cal.—Vitrified Products Corp., is making additions to its clay plant on Jefferson St., N. San Diego, that will double output. Reported cost, \$100,000.

SAN FRANCISCO. Cal.—The Moore Dry Dock Co., Adelphi Street, Oakland, have the contract at approximately \$175,000 for fabrication and delivery at Bartle, Shasta County, of steel pen-stock for Pit River No. 3 power house.

LA VERNE. L. A. Co., Cal.—La Verne Co-operative Citrus Assn., T. J. Steves, pres., has \$50,000 available for a new packing house. Work will be started as soon as a site is selected. Brick or tile construction.

LOS ANGELES. Cal.—Bastos, Moore & Carter, architects, Cleveland, Ohio, local address, 1516 Sunset Blvd., have prepared preliminary plans for a class A warehouse and administration bldg., to be erected on Alameda St. near N Main St. for Southwestern Warehouse Co. There will be a warehouse bldg., 6-story and basement, 350x1250 ft., and an administration, office and loft bldg., 14-story and basement, 100x120 ft., reinf. concrete construction, steel sash, steel rolling doors, power plant, cold storage plant, 24 elevators, etc.

LOS ANGELES. Cal.—Seaford En-gineering-Construction Co., Pacific Finance Bldg., has been awarded the contract to erect a 6-story and base-ment class A warehouse at Industrial and Mateo Sts. for the Western Im-provement Co. Dimensions 140x259 ft., reinf. concrete construction, steel sash, elevators, steel rolling doors, loading platform with steel trusses and cor-rugated iron siding. Plans by Santa Fe Ry. engineering department.

SAN PEDRO. Los Angeles Co., Cal.—Anton Johnson Co., 1007 S. Grand Ave., has the contract to erect two factory buildings east of Pacific Ave. near 28th St., San Pedro, for the California Thorn Cordage Co. Dimensions, 90x161 ft., and 50x100 ft. Brick walls, steel roof trusses, cement floors. Cost, \$65,000.

SOUTH SAN FRANCISCO.—San Mateo Co., Cal.—New San Francisco Laundry Co., 2544 Greenwich street, San Fran-cisco, P. Santucci, manager, has estab-lished a branch office in South S. F. and plans erection of laundry plant in im-mediate future.

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LONG BEACH, Los Angeles Co., Cal.
—The Pacific Steel Mfg. Co., which contemplates the erection of a steel producing plant in Long Beach harbor, has announced that construction of the mills and buildings will be by the company's structural department under force account. The Merritt, Scott & Chapman Salvaging & Wrecking Co. will do the dredging. J. C. Schindler is chief engineer for the steel company.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, 620 Metropolitan Bldg., are preparing plans for a Class A warehouse to be erected at 9th St., Soto St. and Boyle Ave., for the Assoc. Factories, Inc. R. O. Whyman, Mgr., Rm. 402, 714 S. Hill St. Reinforced concrete construction. The main building will be 5-story, 216x330 ft., and there will be 2 wings, 2-story, 1000x138 ft. each, cement floors, composition roofing, steel sash, wire glass, 24 elec. elevators, sprinkler systems, loading platforms, etc. John E. Conzleman, Citizens Nat. Bank Bldg., is the industrial engineer.

FLATS

Plans Being Prepared. Cost, \$6000
ALTERATIONS SAN FRANCISCO. Gough Street near Green.
Alter two-story frame residence into (2) flats.

Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Complete. Cost, \$28,000
FLAT BLDGS. SAN FRANCISCO. E Scott 100-2 125-2 150-2 175-2 N Chestnut St.
Four 2-story and basement frame flat buildings (2 flats in each bldg.)
Owner—Meyer Bros., 1 Montgomery St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, \$15,000
SAN FRANCISCO. S Hayes nr. Steiner.
Two-story and basement frame and plaster residential flats.
Owner—Withheld.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.

Plans Being Prepared. Cost, \$25,000
FLAT BLDGS. SAN FRANCISCO. 8th Ave. 150 S Lincoln Way.
Two 2-story frame flat bldgs. (6 rms.)
Owner—Wm. Gillmore.
Architect—W. C. Mahoney, 892 Union St., San Francisco.

Contract Awarded. Cost, \$14,271
FLATS SAN FRANCISCO. E Bartlett 130 N 24th.
Two-story frame flat building and garage.
Owner—Otto & Johanna Martens, 3225 22nd St., San Francisco.
Contractor—H. S. Meinberger, 653 15th Ave., San Francisco.

Plans Completed. Cost, \$21,000
FLAT BLDGS. SAN FRANCISCO. S Hayes 131, 156, and 181 W Cole St.
Three two-story and basement frame flat buildings (2 flats in each bldg.)
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None.
Plans Completed.

FLAT BLDGS. Cost, \$14,000
SAN FRANCISCO. E Twenty-third Ave. 225 and 250 N Geary St.
Two two-story and basement frame flat buildings (2 flats in each bldg.)
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None.

GARAGES

Plans Completed. Cost, \$10,000
FLATS SAN FRANCISCO. E Funston Ave 100 S Judah St.
Two-story and basement frame flat building (2 flats).
Owner—Dahlberg & Peterson, 1560 10th Ave., San Francisco.
Architect—None.

Contract Awarded. Cost, \$19,000
FLATS SAN FRANCISCO. Washington St., bet. Franklin and Gough Sts.
Two-story and basement frame and stucco (2) flats.
Owner—Ralph Brown.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—Larsen & Siegrist Co., Claus Spreckels Bldg., S. F.

Plans Complete. Cost, \$10,000
FLAT BLDG. SAN FRANCISCO. E Funston Ave., 125 S Judah.
Two-story and basement frame flat building (3 flats).
Owner—Dahlberg & Peterson, 1560 Potrero Ave., San Francisco.

Plans Being Prepared. Cost, \$10,000
APT.-FLATS OAKLAND, Alameda Co., Cal.
Two-story frame apt-flats (4 4-room) brick veneer exterior.
Owner—Withheld.
Architect—W. E. Huson, Chronicle Bldg., San Francisco.

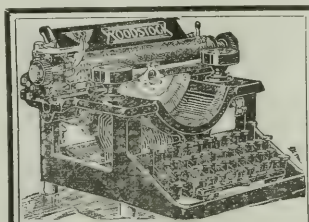
LOS ANGELES, Cal.—Stradley and Newton, Detwiler Bldg., have the contract to erect a 1-sto. & part 2-sto class A garage bldg. on Maple St., bet. 6th & 7th Sts. for Gus Krakauer and to be occupied by the Sonoma Service Garage. L. A. Parker, Kerckhoff Bldg., archt. Reinf. conc. constr., 100x50x214 ft., cement and pine fls., steel sash, plate glass, skylights, etc.; \$40,000.

Reinforcing Steel Contract Awarded—Sub Figures Being Taken.
GARAGE Cost, approx. \$65,000
SAN FRANCISCO. S Eddy St., between Leavenworth and Hyde Sts.
Two-story reinforced concrete garage.
Owner—E. H. Denke, E. Bowers, J. Bell
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Reinforcing steel awarded to Gunn-Carle Co., 444 Market St.
As reported before, the concrete work was awarded to the Mission Concrete Co., 180 Jessie St.

GOVERNMENT WORK AND SUPPLIES

General Contract Awarded. Cost, \$255,263
WAREHOUSE SAN FRANCISCO. Spear and Harrison.
Three-story reinforced concrete supply warehouse.
Owner—U. S. Government.
Architect—Bureau of Yards and Docks Navy Dept., Washington, D. C.
General contract awarded to K. E. Parker Co., Clunie Bldg., S. F. on Prop. No. 2 at \$255,263; all work except excavating, elevator and sprinkler system.
Excavating bids still under advisement.

PHOENIX, Ariz.—Until Aug. 9, bids will be rec. by Superintendent, U. S. Indian School, Phoenix, to fur. one black steel hot water storage tank, one galvanized heavy hot water storage tank and one ideal hot water supply boiler.



Mr. Architect or Builder

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SAN FRANCISCO—Following is complete list of bids received by Bureau of Yards and Docks, Navy Department, July 23 under Specification 5000 to erect a 3-story reinforced concrete supply warehouse for Marine Corps at Spear and Harrison streets, San Francisco, the contract for general construction being awarded to K. E. Parker Co., Clunie Bldg., San Francisco, at \$255,263, which includes all work except excavation, elevators and sprinkler system:

General Construction

Item 1. Entire work.
Item 1a. Entire work, shortened building, alternate a.
Item 2. Entire work, reinforced concrete frame, alternate bid b.
Item 2a. Entire work, reinforced concrete frame, alternate b, and shortened building, alternate a.
Item 3. Add or deduct from items 1 and 2 for reinforced concrete footings.
Item 3a. Do, to be added or deducted from items 1a and 2a.
Item 4. Add or deduct from items 1 and 2, reduced window areas.
Item 4a. Add or deduct from items 1a and 2a for reduced window areas.
Item 5. Deduct from items 1 and 2 for omission of the sprinkler system, tanks and tank supports.
Item 5a. Deduct from items 1a and 2a for do.
Item 6. Deduct from items 1, 1a, 2 and 2a for omission of the two freight elevators.
Item 7. Sprinkler system, tanks and tank supports.
Item 7a. Do, in shortened building.
Item 8. 2 elevators.

Clinton Construction Co., 923 Folsom St., San Francisco, item 1, \$393,380; 1a, \$370,126; 2, \$291,509; 2a, \$279,475; 3, add \$2,034, deduct \$4,769; 3a, add \$2,251, deduct \$5,294; 4, deduct \$1,070; 4a, deduct \$876; 5, \$13,762; 5a, \$13,162; 6, \$8,495.

Reilly & Nemetz, 513 Cal Building, San Francisco, item 1, \$438,020; 1a, \$415,424, 260 days; 2, \$328,066; 2a, \$305,956, 160 days; 3, add \$1,187, deduct \$5,813; 3a, deduct \$1,230, deduct \$230; 4, deduct \$871; 4a, deduct \$715; 5, deduct \$14,426; 5a, deduct \$12,000; 6, \$7,942; 7, \$13,560; 7a, \$15,241; 8, \$8,736.

K. E. Parker Co., 519 California St., San Francisco, item 1, \$398,900, add 60 days; 1a, \$381,000, add 45 days; 2, \$285,000; 2a, \$272,000; 3, deduct \$1,850, deduct \$435; 3a, deduct \$2,700, deduct \$2,500; 4, deduct \$2,500; 4a, deduct \$2,000; 5, deduct \$13,882; 5a, deduct \$13,282; 6, deduct \$9,000.

Robert Trust, 26th and Howard Sts., San Francisco, item 1, \$419,197; 1a, \$399,102; 2, \$313,465; 2a, \$303,800; 3, deduct \$7,000, deduct \$1,400; 3a, deduct \$2,000; 4, deduct \$3,976; 4a, deduct \$4,100; 5, deduct \$15,098; 5a, deduct \$14,414; 6, deduct \$8,495.

R. E. Campbell, Long Beach, Calif., item 1, \$431,500; 1a, \$410,000; 2, \$348,250; 2a, \$333,250; 3, deduct \$7,500; 3a, deduct \$8,200; 4, deduct \$1,500; 4a, deduct \$1,400; 5, deduct \$10,500; 5a, deduct \$10,300; 6, deduct \$11,000.

Alfred H. Vogt, 185 Stevenson St., San Francisco, item 1, \$439,280; 1a, \$415,500; 2, \$339,197; 2a, \$322,000; 3, add \$1,000, deduct \$7,000; 3a, add \$920, deduct \$6,400; 4, add \$1,200; 4a, add \$1,650; 5, deduct \$13,000, deduct \$14,000; 5a, deduct \$12,400, deduct \$13,400; 6, deduct \$10,000.

Dimwiddle Construction Co., 1101 Crocker Bldg., San Francisco, item 1, \$459,000, 240 days; 1a, \$432,767; 2, \$319,857, 200 days; 2a, \$305,931; 3, add \$2,600, deduct \$4,000; 3a, add \$2,400, deduct \$3,700; 4, deduct \$2,000; 4a, deduct \$1,500; 5, deduct \$14,000; 5a, deduct \$13,400; 6, deduct \$9,490.

Mahony Bros., Flood Bldg., San Francisco, item 2, \$297,000, 220 days; 2a, deduct \$19,000; 3, deduct \$3,556; 3a, deduct \$2,596; 4, deduct \$2,000; 4a, deduct \$2,136; 5, deduct \$15,764; 5a, deduct \$15,044; 6, deduct \$9,490.

Vukievich & Bagge, 180 Jessie St., San Francisco, item 1, \$450,000, 320 days; 1a, \$427,600; 2, \$338,300, 320 days; 2a, \$318,100; 3, add \$2,945; 3a, deduct \$4,150; 4, deduct \$2,630; 4a, deduct \$2,630; 5, deduct \$15,029; 5a, deduct \$14,478; 6, \$9,344; 7, \$15,039; 7a, \$14,478; 8, \$9,344.

Allen Pope, Washington, item 1, \$472,000; 1a, \$445,000; 2, \$390,000; 2a, \$370,000; 3, deduct \$1,500, deduct \$19,000; 3a, deduct \$1,400, deduct \$17,500; 4, \$5,800; 5a, \$7,300; 6, \$10,000.

Barrett & Hilt, 918 Harrison St., San Francisco, item 1, \$381,479, 275 days; 1a, \$362,712; 2, \$286,845, 200 days, alter-

rate \$267,659, 200 days; 2a, \$274,769, alternate \$256,500; 3, add \$2,275, deduct \$3,000, 3a, add \$2,000, deduct \$1,000, 4, deduct \$2,500, 4a, deduct \$2,000, 5, deduct \$15,400, 5a, add \$12,500, 6, \$3,500, 7, \$12,400; 7a, \$12,500; 8, \$3,500.

Watson Elevator Co., 407 W. 36th St., New York City, item 8, \$1,028.
Houghton Elevator & Machine Co., Washington, item 8, \$1,100.
Otis Elevator Co., Washington, item 8, \$3,490.

The Grinnell Co., 601 Brannan St., San Francisco, item 7, \$12,177; 8, \$11,432.

C. L. Wold & Co., 185 Stevenson St., San Francisco, item 1, \$448,000, 310 days; 1a, \$386,000; 2, \$314,000; 2a, \$297,200; 3, deduct \$1,628 and \$3,432; 3a, deduct \$1,423 and \$3,537; 4, \$1,447; 4a, \$1,259 and \$1,259; 5, \$12,500 and \$12,500; 5a, \$12,000 and \$12,000; 6, \$9,000.

Grading Bids

Following bids taken under advisement for grading work in connection with the project:

Farrar & Carlin, 185 Stevenson St., San Francisco, item 1, \$33,000, 15 days.
C. J. Lindgren, item 1, \$53,750.
Granfield Co., 112 Landers St., San Francisco, item 1, \$38,740.

W. H. Hauser, 351 12th St., Oakland, Cal., item 1, \$60,750; alt., deduct \$15,000; material can be dumped into bay.
A. J. & J. L. Fairbanks, Inc., 625 Market St., San Francisco, item 1, \$65,360.

E. Rosenberg, 57 Merin St., San Francisco, item 1, \$38,270, 45 days.

SAN DIEGO, Cal.—Following bids rec. by Bureau of Yards and Docks, U. S. Department, Washington, D. C., for painting 6 buildings at Naval Operating Base, San Diego:

Seol & Chapman, San Diego, Calif., \$23,574.99.
Hensbergen Decorating Co., 915 Pantages St., Los Angeles, Calif., \$14,885.

H. V. Lee Co., 1041 Columbia St., San Diego, Calif., \$18,296.
H. A. McCullough, 2877 Webster Ave., San Diego, Calif., \$24,637.

Winick Decorating Co., 2028 W. Washington St., Los Angeles, Calif., \$18,350.

J. P. Sullivan, 4515 Indiana Ave., Chicago, \$10,245.
Chas. H. Williams, 2714 Wyoming St., El Paso, Tex., \$19,485.

Gelfan Bros., 2741 Cincinnati St., Los Angeles, Calif., \$11,950.
Alhambra Wall Paper & Paint Co., 41 E. Main St., Alhambra, Calif., \$14,450.

Arenz-Warren Co., 2121 W. Pico St., Los Angeles, Calif., \$17,702.
R. Zelinsky, 693 Mission St., San Francisco, \$15,520.

McKinley Bros., 1175 N. Westmorland Ave., Los Angeles, Calif., \$17,859.
Chas. W. Forrest, 3918 4th St., San Diego, Calif., \$24,380.

TIBURON, Marine Co., Cal.—As previously reported, bids are being rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to renew fender system at navy coal depot, Tiburon, including pilings, dolphins, fender walls, etc., under Specifications No. 5002. Aug. 20 is the date set to open bid.

Separate bids, same date, to erect steel coal trestle at naval depot, Tiburon, under Specification No. 4989.

HONOLULU, T. H.—Until Sept. 2, 3 p. m., bids will be rec. by Superintendent of Construction, U. S. Public Buildings, 402 Main Postoffice Building, San Francisco, to furnish and install mail chute in postoffice, customhouse and courthouse at Honolulu. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies & Accounts, Navy Department, Washington, D. C., to furnish and deliver materials to Navy Yards and stations; date to open bids as noted at close of each paragraph:

Sched. 2452, eastern and western yards, dies, stocks, taps and wrenches, Aug. 5.

Sched. 2453, eastern and western yards, glass cutters, steel figures and letters, handles, hose, etc., Aug. 5.

Sched. 2457, eastern and western yards, gauge glasses, Aug. 12.

Sched. 2459, eastern and western yards, leather, Aug. 12.

Sched. 2460, Mare Island, hoists and spare parts, Aug. 12.

Sched. 2461, Mare Island, 4000 paint brushes, Aug. 12.

Sched. 2468, eastern and western yards, glass, plate window and non-scarp, Aug. 12.

Sched. 2473, Mare Island, 560 bronze hinges, Aug. 12.

Sched. 2474, eastern and western yards, 6 test panels, Aug. 12.

Sched. 2475, Mare Island and Puget Sound, 2000 padlocks, Aug. 12.

Sched. 2482, eastern and western yards, 153 ship refrigerators, Aug. 12.

Sched. 2484, eastern and western yards, pliers and nippers, Aug. 12.

Sched. 2486, eastern and western yards, miscellaneous brass and copper Aug. 12.

Sched. 2487, Mare Island, carbon steel twist drills, Aug. 19.

SAN FRANCISCO—Until Aug. 20, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5459 for purchase of certain condemned Govt. property at U. S. Engineer Station, Rio Vista, Solano county. Equipment includes various tools, padlocks, shovels, scrapers, etc. Further information obtainable from above office.

BAKERSFIELD, Kern Co., Cal.—Stiles Construction Co., Oaklahoma City, Oklahoma, which has general contract to erect U. S. Post Office at Bakersfield on a bid of \$70,789 has sublet the following contracts in connection with the structure:

Lumber—Bakersfield Sandstone Brick Co., Bakersfield, approx. \$5,000.

Plumbing—Bakersfield Plumbing Co., Bakersfield, approx. \$12,000.

Heating Equipment—W. M. Fisher, Bakersfield, approx. \$7,000.

Electric Work—Sam Fingerhut, Bakersfield, approx. \$2,000.

Reinforcing Steel—Truscon Steel Co., Los Angeles, approx. \$5,000.

Millwork—Fresno Planing Mill Co., Fresno, approx. \$6,000.

Roofing—Fresno Roofing & Paint Co., Fresno, approx. \$2,000.

Roof Waterproofing—Frank Smith, approx. \$5,000.

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HALLS AND SOCIETY

General Contract Awarded—Bids Being Taken For Plumbing, Heating and Electrical Work—Bids Close July 29, 1924.

SOCIETY BLDG. Approx. \$99,500. SAN JOSE, Fifth and San Fernando Sts. Four-story and basement reinforced concrete society bldg. Owner—Catholic Womens Community Center (Mrs. Ella G. Graham, secretary).

Architect—Binder & Curtis, 255 1/2 1st St., San Jose.

General Contractor—Morrison Bros., 1310 Liberty St., San Jose.

First floor will contain cafeteria, gymnasium, swimming tank, locker and laundry rooms. Second floor will contain secretary's office, living room, auditorium and lodge rooms. Third floor and fourth floor will be given over to dormitories, single and double rooms for about 75 persons.

Figures to be Taken in a Week.

CLUB. BECKLEY, Alameda Co., Cal. Euclid Ave. near Le Conte.

Three-story frame and stucco students' club.

Owner—Japanese Club. Architect—Masten & Hurd, 278 Post St., San Francisco.

Bids Rejected—New Plans Being Prepared.

ALTERATIONS. Cost, \$10,000. PIEDMONT, Alameda Co., Cal., Magnolia and Highland Avenues.

Alter frame club house into community house.

Owner—City of Piedmont. Architect—Meyer & Johnson, Bankers' Investment Bldg., S. F.

Plans Being Prepared. Cost, \$200,000. CLUB BLDG. TACOMA, Wash.

Three-story frame and brick club bldg. Owner—Tacoma Young Women's Christian Association.

Architect—Horton Whitney & Dougan, Rust Bldg., Tacoma.

SEATTLE, Wash.—Sound Construction and Engineering Co., Lowman Bldg., Seattle, at \$65,000 awarded contract by Fraternal Order of Eagles, Seattle Aerie No. 1, to erect six-story and basement, 175 by 120 ft. lodge building at northeast corner of 7th Ave. and Union St. Henry Bitman, architect and engineer, Securities Bldg., Seattle.

LYNNWOOD, Los Angeles Co., Cal.—H. E. Eachus, 388 Newbury St., Long Beach, has been awarded the contract to erect a theatre, store and lodge building at the corner of Long Beach Ave. and Elizabeth St., Lynnwood, for E. R. Pillet. The theatre will seat about 1000 people and there will also be 4 stores, lodge rooms, kitchen, rest-rooms, etc. Brick walls, 2 story and basement, tile and composition roofing, 100x15 ft. terra cotta trim, structural steel, steel sash, steel roof trusses, tile maple and concrete floors, sprinkler system on stage, ornamental iron work, organ grille, plate glass, fan ventilating system, pine trim. W. E. Noffke is the architect.

ESCONDIDO, San Diego Co., Cal.—Escondido Country Club will start work soon on erection of new clubhouse at n. w. cor. of its property.

SAN BERNARDINO, Cal.—Santa Fe employees have petitioned W. B. Storey, president of the Santa Fe to approve erection of a new club building here.



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ICE AND COLD STORAGE PLANTS

PORTLAND, Ore.—Until Aug. 12, 2 P. M., bids will be rec. by James H. Belchus, eng. mgr., and chief engineer, Port of Portland Commission to fur. one refrigerating and ice making plant with water cooler and circulating system. Further information obtainable from above.

POWER PLANTS

SAN FRANCISCO—Standard Underground Cable Co., First Nat'l Bank Bldg., awarded cont. by supervisors to fur. underground cable as required by the Department of Electricity; bid follows: 3000 ft. 7-conductor No. 14 B. & S. G. C. Lead Sheath Underground Cable, per ft., \$0.148; 5000 ft. 5-conductor No. 14 B. & S. G. C. Lead Sheath Underground Cable, per ft., \$0.129.

MERCED, Merced Co., Cal.—Bent Bros. 418 South Pecan St., Los Angeles, at \$24,452.073 awarded contract by Merced Irrigation District to const. Eschequer Dam and Power House. Above bid does not include cement which will probably be furnished by district.

PALO ALTO, Santa Clara Co., Cal.—City council contemplates bond election for \$60,000 to finance enlargements to municipal power plant. Will include line construction, \$16,500; switchboard additions, \$3600; removal of poles and wires from business district, \$11,250; installation of 300 new services, \$600; additions to system \$8650. J. F. Eyxbee, Jr., city eng. Frank Kasson, city clerk.

LOS ANGELES, Cal.—Until 3 p. m. Aug. 12, bids will be rec. by public service comm., 207 S Broadway, for insulated wire and cable under spec. P-331. Jas. P. Vroman, secretary.

SAN FRANCISCO—Pacific Tel. & Tel. Co., 333 Grant Ave., will expend approx \$60,000 to install underground conduit and cable in Ocean avenue. T. F. Delury, gen. mgr. of company.

OLYMPIA, Wash.—See "Irrigation Projects," this issue. Applications filed for water permits.

ANAHEIM, Cal.—Council Appoints committees to investigate possibilities of having a joint power plant for this city and Fullerton. A joint organization, of which Mayor E. H. Metcalf of Anaheim is chairman and Mayor H. H. Crooke of Fullerton is secretary, has been formed to secure, if possible, legislation at the next session of State Legislature permitting the combining of these plants.

OAKLAND, Cal.—Pacific Tel. & Tel. Co. has appropriated \$150,000 to finance laying approx. 3000 ft. underground conduit in 35th Ave. and Foot-hill Blvd., together with approx. 19,000 ft. of 1200 psi. underground cable, also approx. 92,000 ft. Aerial cables.

ANAHEIM, Cal.—Officials of the cities of Anaheim and Fullerton are holding a series of conferences regarding the establishment of a joint municipal power plant.

PUBLIC BUILDINGS

Contracts Signed—Plumbing Contract Under Advertisment.

AUDITORIUM Cost, \$600,000
STOCKTON, San Joaquin Co., Cal.
Class A, reinforced concrete Memorial Civic Auditorium.
Owner—City of Stockton (A. L. Banks, city clerk).
Architect—Glenn Allen, 41 S Sutter St., Stockton, and Wright & Satterlee, Bank of Italy Bldg., Stockton (Comprising City Architectural Commission).

(1) For all the structural steel erected in the building. Seiler Iron Works, 945 S Pilgrim St., Stockton, at \$51,690.

(2) General contract for all of work except the structural steel, plumbing, heating and ventilation, and the electrical work. Frank Tucker, 321 N Sierra Nevada St., Stockton, at \$366,179
(4) Electrical work. Hild Electric Mfg. Co., 517 E Market St., Stockton, at \$18,862.

The heating, plumbing and ventilating is still under advisement. The lowest bid was submitted by the Stockton Plumbing & Supply Co., 327 Miner Ave., Stockton, at \$43,342.

Plans Being Figured—Bids Close Aug. 18, 11 A. M.

BUILDING Cost, \$1
RICHMOND, Contra Costa Co., Cal.
Two-story and basement hollow tile and brick Memorial bldg. (American Legion).
Owner—County of Contra Costa.

Architect—Jas. T. Narbett, 906 Macdonald Ave., Richmond.
Separate bids are wanted for heating installation. Cert. check 10% payable to Board of Supervisors req. with bid. Plans obtainable from architect on deposit of \$20, refundable and on file in office of Leland and Haley, consulting engineers, 58 Sutter St., San Francisco. See call for bids under official proposal section in this issue.

Plans Being Figured—Bids Close Aug. 27, 2 p. m.

AUDITORIUM Cost, \$125,000
HANFORD, Kings Co., Cal.
Steel brick and concrete auditorium.
Owner—City of Hanford.
Architect—Coates & Traver, Rowell Bldg., Fresno.

LOS ANGELES, Cal.—Until 2 p. m. Aug. 18, bids will be rec. by county supervisors for all general excavation work for the bldg. known as Patriotic Hall, to be erected on the east side of Figueroa St., at 18th St. The proposed bldg. will be 5-story and basement of class A construction; steel frame; brick walls; reinf. conc. fls.; press. brick and terra cotta facing; elevators; steam htg., etc.; the auditorium will seat 1200. The Allied Architect Assn., 136 City Nat'l Bank Bldg., prepared the plans. Copies may be obtained from the office of the association upon deposit of \$. Cert. check or bond 10%.

LOS ANGELES, Cal.—Until 2 p. m. Aug. 18, bids will be rec. by county supervisors for all labor and materials for the plain and ornam. plaster and metal lath for the new Hall of Justice on Temple St., bet. N Broadway and Buena Vista St. Plans and spec. are on file at the office of the board and at the office of the mechanical engr., 10th floor, Hall of Records.

OAKLAND, Cal.—Supervisors, Geo. E. Gross, county clerk, plan early construction of vault in County Treasurer's office.

RED BLUFF, Tehama Co., Cal.—Until Aug. 15, 10 a. m. bids will be rec. by H. G. Kuhn, county clerk, to furnish and install furniture in county courthouse. Cert. check 10% payable to Chairman of Board of Suprs. req. with bid. Lists of materials request will be furnished by clerk on request.

MONROVIA, Los Angeles Co., Cal.—Until Aug. 14th, bids will be received by the city council of City of Monrovia for a civic center, to be erected on Ivy St., Monrovia. There will be a fire station and garage. Reinforced concrete construction, one-story and 2-story, plaster exterior, tile roofing, gas heating system, plate glass, skylights, etc. Cost, \$45,000. Plans by Architect Paul R. Williams and Milton W. Nigg, engineer, 1400 Stock Exchange Bldg., L. A. Plans and specifications will be on file at office of city manager on July 28th.

PITTSBURG, Contra Costa Co., Cal.—City council contemplates bond election for \$12,500 to finance erection of municipal library, this sum to be added to \$7500 already available for such structure.

SAN FRANCISCO—Bids were opened on July 24th by B. P. Lamb, secretary of the Board of Park Commissioners of San Francisco for the installation of heating equipment at the M. H. de Young Memorial Museum, Golden Gate Park. Plans and specifications on file in the office of Leland & Haley, 58 Sutter St. It was recommended to award the contract to F. J. Enright, 2720 McAllister Street, the lowest bidder. Following is a complete list of the bids:

P. J. Enright, S. F.	\$25,975
W. D. Stewart	26,346
Turner Co., S. F.	27,140
Knittle-Cashel Co., S. F.	27,215
C. Petersen Co., S. F.	27,978
Fred'k W. Snook, S. F.	28,188
Scott Co., S. F.	28,525
W. H. Picard, Oakland	28,945
Lawson & Drucker, S. F.	31,260
Jas. H. Pinkerton, S. F.	31,680

SAN FRANCISCO—The following bids were received on July 24th, by B. P. Lamb, Secretary of the Board of Park Commissioners of S. Francisco, for the general construction of the new Beach Chalet, to be erected on the west border of Golden Gate Highway southeast of present Chalet. Plans were prepared by Architect Willis Polk & Co., Hobart Bldg. It was recommended to award the contract to the lowest bidder, Barrett and Hilp, 918 Harrison Street.

Barrett and Hilp	\$43,450
W. D. Henderson	48,755
Chas. Stockholm	49,727
Jas. L. McLaughlin	52,208
C. H. Bessett	52,750

RESIDENCES

Contractor	Clara Ave., Alameda.
Contractor	— A. H. Faust, 910 Santa
Contractor	Oakland.
Contractor	Hors, 223 Walsworth Ave.
Contractor	Essex
Contractor	Two-story 9-room residence and
Contractor	OAKLAND, 650 Trestle Glen
Contractor	RESIDENCE
Contractor	Awarded.
Contractor	San Francisco.
Contractor	Owner—Alexander Bros., 1 Montezuma St.
Contractor	dwellings.
Contractor	Sever, 12-15
Contractor	229-3 N. Babson.
Contractor	104-3 129-3 164-3 179-3 204-3
Contractor	SAN FRANCISCO, W 38th Ave. 19-3
Contractor	Dwellings
Contractor	Plans Complete.

KING'S ORIENTAL STUCCO

Uniform Color and Texture
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Equipped to Handle
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DIRECT FACTORY BUYERS

Contract Awarded. Cost, \$11,054
RESIDENCE
ANTIOCH, Contra Costa Co., Cal.
Two-story brick and concrete 10-room
parochial residence with tile roof
Owner—The Dominican Fathers, Anti-
och.
Architect—Bezer Bros., 1915 Steiner
St., San Francisco.
Contractor—B. A. Trobeck, 180 Jessie
St., San Francisco.
Bids will be called for in a few days
for wiring, heating and plumbing not
included in general contract.

Contract Awarded. Cost, \$12,000
RESIDENCE
BERKELEY, 2845 Garber St.
Two-story frame residence.
Owner—Mrs. L. M. Lloyd, 2844 Garber
St., Berkeley.
Designer—Williams & Wastell, 601
American Bank Bldg., Oakland.
Contractor—Williams & Wastell, 601
American Bank Bldg., Oakland.

Contract Awarded. Cost, \$22,500
RESIDENCE
FRESNO, Fresno Co., Van Ness Ave.
Two-story frame and stucco residence
of Spanish architecture with tile
roof, 16 rooms and 4 baths.
Owner—Mrs. A. B. Clark.
Architect—Schwartz & Ryland, Rowell
Bldg., Fresno.
Contractor—Shorb and Neads, 564 Mc-
Kinley Ave., Fresno.

Contract Awarded. Cost, \$11,309
RESIDENCE
BERKELEY, 2323 Hearst Ave.
Two-story frame residence.
Owner—H. R. Wetmore, 20 Hillcrest Rd.
Berkeley.
Architect—Walter T. Stellberg, No. 1
Orchard Lane, Berkeley.
Contractor—H. K. Schulz, 2100 Virginia
St., Berkeley.

Working Drawings Being Prepared.
RESIDENCE Cost, \$20,000
SAN FRANCISCO, Ingleside Terrace.
Two-story frame and stucco residence
and garage.
Owner—A. Crocker.
Architect—Chas. E. Gottschalk, Phelan
Bldg., San Francisco.

Plans Being Figured. Cost, \$13,000
RESIDENCE
SAN FRANCISCO, St. Francis Wood.
Two-story frame and plaster residence
Owner—G. Williams.
Architect—Masten & Hurd, 278 Post St.,
San Francisco.

Plans Being Figured. Cost, \$12,000
RESIDENCE
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence
and separate garage.
Owner—John Cummings.
Architect—Masten & Hurd, 278 Post St.,
San Francisco.

Plans Being Figured. Cost, \$10,000
RESIDENCE
SAN FRANCISCO, Forest Hill.
Two-story frame and stucco residence
and garage.
Owner—Mrs. Hope Davenport.
Architect—Masten & Hurd, 528 Powell
St., San Francisco.

Completing Plans—Ready for Figures
In Two Weeks. Cost, \$35,000
RESIDENCE
SAN FRANCISCO, St. Francis Wood.
Buena, Ventura and St. Francis
Blvd.
Two-story and basement frame, plas-
ter and brick Spanish residence
with tile roof (9 rooms).
Owner—J. P. Livingston.
Architect—Joseph L. Stewart, Claus
Spreckels Bldg., San Francisco.

Plans Being Prepared. Cost, \$12,000
RESIDENCE
SAN FRANCISCO, 30th Ave & Irving.
Two-story frame and stucco residence
(7 rooms and 2 bath rooms).
Owner—H. H. Eggers.
Architect—Powers & Ahnden 460 Mont-
gomery, San Francisco.

Plans Completed. Cost, \$13,000
RESIDENCE
SAN FRANCISCO, St. Francis Wood.
Two-story frame and plaster residence.
Owner—G. Williams.
Architect—Masten & Hurd, 278 Post St.,
San Francisco.

Contract Awarded. Cost, \$12,600
RESIDENCE
SACRAMENTO, Cal. No. 1370 19th St.
Two-story residence and garage.
Owner—W. S. Hart, Hart's Lunch, 2199
3rd Ave., Sacramento.
Architect—None.
Contractor—W. L. Chatterton, 1032 43rd
St., Sacramento.

Contract Awarded. Cost, \$16,500
RESIDENCE
SACRAMENTO, Cal. No. 1100 45th St.
Owner—John Claus Jr., 2311 O St., Sac-
ramento.
Architect—None.
Contractor—J. A. Saunders, 2810 I St.,
Sacramento.

Plans Being Prepared. Cost, \$6000
RESIDENCE
LARKSPUR, Marin Co., Cal.
One-story 6-room frame residence.
Owner—R. J. Wilson.
Architect—W. E. Huson, Chronicle
Bldg., San Francisco.

Plans Being Figured. Cost, \$9000
RESIDENCE
BERKELEY, Alameda Co., Cal., Haw-
thorne Terrace.
Two-story frame and stucco residence.
Owner—W. D. Clark.
Architect—John Hudson Thomas, Mer-
cantile Trust Bldg., Berkeley.

Figures To Be Taken Next Week.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Vallejo near Baker
St.
Two-story frame and stucco residence.
Owner—H. Thompson.
Architect—Henry C. Smith, Humboldt
Bank Bldg., San Francisco.

COLUSA. Colusa Co., Cal.—M. P.
Montgomery, % Colusa Bakery, has
been granted building permit by city
trustees to erect \$10,000 residence at
Elvert and Jay streets. Will be
frame and stucco construction.



Carl Sward, Manager,
Hotel Senator,
Sacramento,
Dear Carl:

WHEN YOU open Hotel Senator.
COSTING \$2,000,000.
AND MADE of sand.
FROM SANDY Pratt's pit.
ON THE American River.
AT SACRAMENTO.
YOUR FRIEND, Charley Upton.
OF THE San Francisco Examiner.
SUGGESTS YOU serve Sand dabs.
BECAUSE YOU used Pratt's sand.
FOR CONCRETE and plastering.
BUT BILL Jordan, political writer.
ON MR. Hearst's paper.
SAYS SERVE Rock cod.
BECAUSE SANDY Pratt, President.
OF THE Pratt Building Material Co.
HAS A \$250,000 plant.
TO CRUSH rock (and gravel).
AT PRATTROCK near Folsom.
BILL is very happy.
BECAUSE YOU open the hotel.
ON SATURDAY, August 23rd.
ON HIS wedding anniversary.
CARL CAN the guests.
SIT IN Rock ing chairs.

HAVE YOUR napkins.
MADE OF sand paper.
TABLES OF sandal wood.
REQUEST GUESTS.
TO WEAR sandals (no shoes).
WILL YOU have sand wishes.
FOR MIDNIGHT lunch.
FOR YOUR music.

USE SAND papers.
FROM PRATTCO (Monterey Bay).
TWO MILES from Del Monte.
HOME OF Sandy's pit.
OF "PRATTCO Amber" sand.
AT MIDNIGHT.
AS THE "sand man" appears.
HAVE THE orchestra play.
"ROCK ME to Sleep.
WITH SANDY'S Crushed Rock."
THEN ROBERT H. Wilson.
EXAMINER SPECIAL writer.
WILL FIRE a "sky rocket."
"I THANK you."



This photo taken near Marysville, home of Sandy Pratt's Marysville sand pit on the Yuba River, shows Carl Sward, Manager of the new \$2,000,000 Hotel Senator at Sacramento, built by Cahill Bros. (E. A. Larkin superintendent), general contractors. Carl is gathering food for the grand opening on Saturday, August 23rd. Sandy Pratt, President of the Pratt Building Material Co., and producer of crushed rock, clean sand, washed gravel and rock screenings, will go some of Carl's Marysville turkey.

Contract Awarded.
RESIDENCE Cost, \$10,000
SAN MATEO, Lot 28 Hurlingham, S. M.
Park.
One-story frame and stucco residence.
Owner—Townley Hall, Oldfield.
Architect—Ed. Shorpe, 60 Sansome.
Contractor—Arthur Dusenberry, 446
Hurlingham, San Mateo.

Plans Completed.
DWELLINGS Cost, \$15,200
SAN FRANCISCO, E. Thirtieth Ave 40
S Leving and E Forest 329, 131 and
161 N. Ellis St.
Four one-story and basement frame
dwellings.
Owner—Fernando Nelson & Sons, Inc.,
2 West Portal Park, S. F.
Architect—None.

Contract Awarded.
RESIDENCE Cost, \$13,053
BERKELEY, El Camino Real, Clare-
mont.
Two-story frame residence and garage.
Owner—Mrs. H. E. Punsell, 2729 Re-
gent St., Berkeley.
Architect—Henry H. Gutterson, 526
Powell St., San Francisco.
Contractor—Tranmal & Bradhoff, 483
Crescent, Oakland.

Contract Awarded.
RESIDENCE Cost, \$11,000
STOCKTON, San Joaquin Co., Cal. No.
155 W. Pine St.
Two-story residence and garage.
Owner—C. W. Foster, 306 E-Tuxedo St.,
Stockton.
Architect—None.
Contractor—W. J. Scott, 36 N-Sutter St.,
Stockton.

Contract Awarded.
RESIDENCE Cost, \$15,000
BERKELEY, Alameda Co., Avalon Ave.
Two-story frame and stucco 10-room
residence of Spanish architecture
(tile roof).
Owner—S. M. Mark.
Architect—Warren G. Perry, 260 Calif.
St., San Francisco.
Contractor—Wm. Kat, 2434 Humboldt
Ave., Oakland.

Bids To Be Taken Next Week From
Napa Contractors,
RESIDENCE Cost, \$10,000
NAPA, Napa Co., Cal.
Two-story stucco and frame 9-room
residence.
Owner—James G. Noyes.
Architect—Warren G. Perry, 260 Calif.
St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$15,000
SAN FRANCISCO, St. Francis Wood.
1½-story frame and stucco residence
with tile roof.
Owner—Withheld.
Architect—Wm. F. Gunnison, 57 Post
St., San Francisco.
Plans will be ready for figures in
about two weeks.

Owner Taking Sub Figures.
RESIDENCE Cost, \$20,000
SAN FRANCISCO, W Octavia 22 S
Jackson.
Two-story and basement frame resi-
dence.
Owner—F. R. Grannis, 2450 Steiner St.,
San Francisco.
Architect—Edward E. Young 2002 Cal-
ifornia St., San Francisco.
(52269) 1st report April 2, 1924. 14

Contract Awarded.
RESIDENCE Cost, \$11,500
SACRAMENTO, Cal. No. 1114 34th St.
Two-story frame residence and garage
Owner—Jacob Gruhler, 1014½ I St.,
Sacramento.
Architect—None.
Contractor—Herdon & Finnegan, 1814
17th St., Sacramento.

Plans Being Figured.
RESIDENCE Cost, \$15,000
BERKELEY, Alameda Co., Cal., Clare-
mont Court.
Two-story & basement frame colonial
residence, 8 rooms.
Owner—Withheld.
Architect—John Hudson Thomas, Mer-
cantile Trust Bldg., Berkeley.

Plans To Be Figured Next Week.
RESIDENCE Cost, \$14,000
BERKELEY, Alameda Co., Cal., Tunnel
Road.
Two-story and basement frame and
stucco residence.
Owner—Dr. Hubert Heitman, 52 Up-
lands, Berkeley.
Architect—W. H. Ratcliff, Jr., Mercan-
tile Trust Bldg., Berkeley.

Contract Awarded.
RESIDENCE Approx. \$8000
SAN FRANCISCO, Baker St., bet. Lom-
bard and Chestnut.
Two-story and basement frame resi-
dence.
Owner—Withheld.
Architect—Dodge A. Reidy, Pacific
Bldg., San Francisco.
Contractor—Otto Johnson.

Figures Being Taken.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Dolores Street near
Sixteenth St.
Two-story and basement frame and
stucco residence (tile roof, 8 rooms
roof garden, etc.)
Owner—Withheld.
Architect—N. W. Mohr, 310 California.
Plans will be ready for figures in
ten days.

Figures Being Taken.
RESIDENCE Cost, \$18,000
PALO ALTO, Santa Clara Co., Cal.
One and one-half story frame and
stucco Spanish style residence with
tile roof.
Owner—Frank W. Erlin, Call Bldg.,
San Francisco.
Architect—W. E. Crim and Hamilton
Murdock, 425 Kearny St., S. F.

Contract Awarded.
RESIDENCE Cost, \$10,000
OAKLAND, 6126 Ocean View Drive
Two-story 9-room frame residence.
Owner—W. H. Picard, 477 Hardy St.,
Oakland.
Contractor—E. T. Henderson, 5744
Keith Ave., Oakland.

Completing Plans.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and plaster 8-room
residence and garage with tile
roof.
Owner—Withheld.
Architect—Wm. F. Gunnison, 57 Post
St., San Francisco.

LOS ANGELES, Cal.—Archl. Albert
Landsburgh, 700 Hilltop Bldg., has
completed plans for a 12-room resi-
dence, to be erected on Arbol Drive,
Hollywood, for Mrs. M. Brandies.
Frame construction, 2-story and base-
ment, tile and composition roofing,
plaster exterior, hardwood floors, gas
unit heating system, automatic water
heater, tiled baths, plaster mantel,
hardwood and pine trim, enclosed patio,
retaining wall, 2-car garage, land-
scaping. Cost, \$25,000.

MONTECITO, Los Angeles Co., Cal.—
Architect Carleton M. Winslow, 920 Van
Noyes Bldg., is preparing plans for a
20-room Italian residence, to be erected
at Montecito, for W. P. Nelson. It will
be of masonry construction, 2-story and
basement, tile roofing, plaster exterior,
gas heating system, 5 tiled baths, hard-
wood floors and trim, stone mantels.

LOS ANGELES, Cal.—R. E. Shapland,
2901 Van Ness Pl., has the contract
to erect a 25-room residence on Holly-
wood Blvd., near Laurel Canyon Dr.
for C. F. DeWitt, Union Bank Bldg.
Two-story and basement, frame and
plaster construction, cement gun ex-
terior, tile and composition roofing,
hardwood and pine trim, oak floors,
tiled baths, water heater, unit gas
heating system, garage. Cost, \$50,000.
Chas. H. Kyson is the architect.

LOS ANGELES, Cal.—Koerner &
Gage, 1201 Van Ness Bldg., have the
contract to erect a 12-room residence on
Rimpau Blvd., between 4th and 6th
Sts., for Dr. E. C. Fishbaugh. It will
contain 21 rooms, 2-sto.,
63x66 ft., frame and plaster, plaster
exterior, tile and composition roofing,
hardwood and pine trim, oak flrs.,
tiled baths, water htr., unit gas htg.
system; \$45,000.

LOS ANGELES, Cal.—O'Neal & Son,
108 N Larchmont Blvd., have the con-
tract to erect a 12-room residence on
Rimpau Blvd., between 4th and 6th
Sts., for Brenton Carr, Hermosa Beach.
Two-story, 73x55 ft., frame and plaster
construction, comp. and tile flrs.,
hardwood and pipe trim, oak flrs.,
tiled baths, unit gas htg. system; \$35,-
000. Austin & Ashley, 1125 Detwiler
Bldg., architects.

LOS ANGELES, Cal.—O'Neal & Son,
108 N Larchmont Blvd., have the con-
tract to erect a 12-room residence on
Mulfield Rd. between 4th and 6th Sts.
for Mrs. Hugh C. Rice, 143 Westmore-
land Ave. Two-story, 65x52 ft., frame
and plaster construction, tile and comp
flrs., hardwood and pine trim and flrs.,
tiled baths, unit gas htg. system;
\$35,000. Austin & Ashley, 1125 Detwiler
Bldg., archts.

WEST HOLLYWOOD, Los Angeles
Co., Cal.—Architect Chas. H. Kyson,
6034 Hollywood Blvd., has completed
plans for a two-story and basement
frame and plaster residence to be
erected in West Hollywood for C. F.
DeWitt. Work will be done by sub-
contract under supervision of the ar-
chitect. It will contain 15 rooms and
6 baths. Plaster exterior, tile roof,
hardwood trim and floors, tiled baths,
automatic water heater, gas furnace,
garage. Cost, \$60,000.

Plans Being Figured.
RESIDENCE Cost, \$12,000
SACRAMENTO, Montgomery Way.
Two-story frame and stucco residence
with tile roof.
Owner—F. F. Grau.
Architect—Dean & Dean, City Library
Sacramento.



**All-Key
Plaster Lath**

(Patented)
100% Mechanical Key.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

**Plaster
Wall Board**

(Patent applied for)
The Last Word in Wall Board.

SCHOOLS

Bids Being Taken.

ADDITION. Cost, \$-
MARYSVILLE, Yuba Co., Cal.
 Two-story and basement brick wing addition to school building.
Owner—Marysville Grammar School District.
Architect—Miss Julia Morgan, Merchants Ex. Bldg., San Francisco.
 Bids will be advertised for immediately by the Board.

Figures To Be Taken In About a Month SCHOOL BLDGS. Approx. \$700,000.
ALAMEDA, Alameda Co., Cal.
 Three and 2-story reinforced concrete brick and stucco high school buildings.
Owner—City of Alameda.
Architect—Carl Werner, Santa Fe Bldg San Francisco.

Contract To Be Signed In a Few Days. Cost, \$75,000.
SACRAMENTO, Oak Park.
 Brick theatre, 4 stores and 4 offices, 1500 seating capacity.
Owner—T & D Jr. Enterprises, S. F.
Architect—Mark J. Jorgensen, 110 Sutter St., San Francisco.
Low Bidder—McGillivray Constr. Co., Folsom Blvd. & 65th St., Sacramento.

Plans Being Figured—Bids Close Aug. 7, 8 P. M. Cost, \$-
ADDITION. Cost, \$-
MARYSVILLE, Yuba Co., Cal. Block bounded by 6th, 7th, G and F Sts. Two-story and basement 4-classroom brick addition to grammar school.
Owner—Marysville Grammar School District, Walter A. Kynoch, secy.
Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.
 Cert. check 10% payable to City Board of Education required with bid. Plans obtainable from secy. of Board. See call for bids under official proposal section in this issue.

SANTA BARBARA, Cal.—C. L. Phelps president of State Teachers' College at Santa Barbara, will seek \$200,000 appropriation from state to finance construction of an administration building for the school group. The money will be sought in the State budget to be made up next January.

YUCIAPA, San Bernardino Co., Cal.—Until 7:30 P. M., Aug. 5, new bids will be received by the Board of Education of Yucaipa Joint Union School District for erecting new grammar school in accordance with plans and specifications by Architect DeWitt Mitchell, 456 E. St., San Bernardino. Separate bids will be taken on general contract, plumbing, painting and electric wiring. Cert. or cash, check or bidder's bond for 5%. Calvin Houston, Clerk.

LIVERMORE, Alameda Co., Cal.—Neil Jensen of Livermore has been awarded a contract at \$2547 by the Board of Trustees of Livermore School District to complete two new classrooms, etc., on the second floor of the school.

TUCSON, Ariz.—Architect Henry O. Jaastad, 96 N. Stone Ave., is completing plans for a new high school building to be erected at Superior in Pinal County. Estimated cost, \$75,000. The building will contain auditorium, gymnasium, 6 classrooms and showers.

SAN DIEGO, Cal.—J. A. Hunt, who has contract to build new grammar school for the Pomerado School Dist., will start work next week on slight technicality with reference to title is straightened out. Cost, \$30,000. Ray Alderson, is the architect.

FRESNO, Fresno Co., Cal.—Bids will be asked at once by L. L. Smith, Sec'y., Board of Education, 2525 Tuolumne St., to fur. 250, more or less, single, pedestal, open box desks, cherry finish with cast pedestal. Bids on slightly used desks if accompanied with sample and record of use, will be considered as alternate bid. Cert. check 10% payable to Board of Education req. Further information obtainable from secretary.

SUNNYVALE, Santa Clara Co., Cal.—J. Kay, Sunnyvale, at \$2035 awarded contract by Westlake Union High School District to construct temporary 2-classroom addition to present school.

ALAMEDA, Alameda Co., Cal.—Until Aug. 5, 5 p. m., bids will be rec. by C. J. DuFour, secy. Board of Education, Oak St. and Santa Clara Ave., to furnish among other school supplies, equipment required for school department. Cert. check \$500 req. with bid. Lists of materials desired obtainable from secretary.

WOODLAND, Yolo Co., Cal.—Fink & Schindler, 226 13th St., San Francisco, were awarded the contract at \$21,450 for all work at the Woodland High School with the exception of steel lockers and program clocks, all bids for steel lockers being held under advisement. The Standard Elec. Time Co., 461 Market Street, S. F., has the contract for program clocks at \$1185.

LOS ANGELES, Cal.—J. C. Bannister 903 N. Mariposa Ave., was low bidder on general contract at \$61,000 for erecting new bldg. at Solano Avenue school site in accordance with plans prepared by architectural department of Bd. of Ed. The bldg. will be a 2-story brick structure. Robt. H. Evans, 4306 Central Ave. was low at \$2416 on the elec. wiring; R. Rasmussen, 1857 W 76th St., low at \$1380 on painting;

BAKERSFIELD, Kern Co., Cal.—Until Aug. 9, bids will be rec. by W. A. Smart, clerk, Mountain View School District, to fur. and install four Smith chemical toilets on school grounds. Further information obtainable from clerk, Route 4, Box 144, Bakersfield.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 9, bids will be rec. by Mountain View School District to paint school building; paint to be white lead, zinc and linseed oil. Further information obtainable from W. A. Smart, clerk, Route 4, Box 144, Bakersfield. (5151) 1st report June 20, 1924 15

EDISON, Kern Co., Cal.—Until Aug. 18, 12 M., bids will be rec. by Arvin School District, to erect one-room frame school. Glass & Dupes, architects, New Fish Bldg., Bakersfield. Cert. check 10% req. Plans obtainable from architects. Bids to be received by O. E. Mitchell, clerk, Star Route, Edison, Calif.

MERCED, Merced Co., Cal.—Until Aug. 11, 11 A. M., bids will be rec. by H. M. Stutsmann, clerk, Winton School District, to erect temporary school building. W. E. Bedesen, engineer, Shaffer Bldg., Merced. Cert. check 10% payable to clerk req. Plans obtainable from engineer on deposit of \$5, returnable.

LONG BEACH, Los Angeles Co., Cal.—Beswick Constr. Co., 230 Newport St., Long Beach, was awarded the general contract at \$31,426 for erecting an additional unit at the Temple grammar school, Long Beach. Other awards were: William Bult, plastering, \$3297; Almbra Wall Paper & Paint Co., painting, \$1595; Sanitary Plumbing Co., plumbing, \$1780; Jensen Electric Co., wiring, \$2225; Hickman Bros., heating and ventilating; Piper, Kahrs, Dedrick & Bobbe, 441 E. First St., Long Beach, are the architects. Brick construction, 8 classrooms, concrete understructure, corridor floors and stairs, stucco exterior, composition roof, hardwood classroom floors, steam heat, tile toilets

SACRAMENTO, Cal.—Until Aug. 14, 7:30 p. m., bids will be rec. by Chas. Hack, clerk, Pacific School District, Box 1315, Route 4, Sacramento, to erect new school. Eugene J. Seadler, architect, 1005 Eighth St., Sacramento. Separate bids are wanted for (1) general contract with alternate propositions; (2) painting; (3) plumbing; (4) heating. Cert. check 5% payable to Board of Trustees of District req. Plans obtainable from architect. See call for bids under official proposal section in this issue.

CORCORAN, Kings Co., Cal.—Until Aug. 12, bids will be rec. by C. C. Whison, clerk, Corcoran Union High School District, to furnish sheet metal working equipment for high school.

FRESNO, Fresno Co., Cal.—Until Aug. 5, 2 p. m., bids will be rec. by Mrs. Elsie Allison, clerk Figarden School District, 819 Mattei Bldg., Fresno, for painting elementary school building. Ernest J. Kump Co., architects, Rowland Bldg., Fresno. Cert. check 10% payable to clerk req. Specifications obtainable from architect.

SAN DIEGO, San Diego Co., Cal.—Until 7:30 P. M., Aug. 7, bids will be received by City Board of Education for erecting an auditorium at the Encanto Elementary school, according to plans and specifications by Architect Wm. H. Wheeler, Spreckels Bldg. Cert. check or bid bond for 2%. Claude Woolman, president.

LOS ANGELES, Cal.—Until 9 A. M., August 8, bids will be received by the Board of Education for erecting new school at Mission Acres site on Langdon St., between Orion and Pechenias Sts., San Fernando Valley, in accordance with plans and specifications on file with secretary, 730 Security Bldg. Separate bids will be taken on general contract, plumbing, painting, heating and electric wiring. Cert. or cash check or bidder's bond for 5%. Wm. A. Sheldon, secretary.

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ALHAMBRA, L. A. Co., Cal. — J. S. Metzger & Son, Inc., S. Grand Ave., S. W. awarded the general contract at \$65,000, with addition of \$630 and \$230 for alternate proposals (B) and (C), for a new Household Arts bldg. at Alhambra, near Alhambra and Alhambra. Alhambra Bldg. architects. Plumbing was awarded to South Pasadena Plumbing Co. at \$6666 and heating to Thos. Haverty Co. at \$3621. The bldg. will be 2-story and basement, 60 by 116 ft.; 10 classrooms and cafeteria; brick construction, brick and stucco exterior, comp. rfg., pine trim.

BAKERFIELD, Kern Co., Cal. — Until Aug. 5, 8 p. m. bids will be rec. by J. M. McIntosh, clerk, Boardley School District, to erect one classroom frame school. Cert. check 10% payable to clk. reg. Plans obtainable by addressing clerk, Route A, Box 257, Bakersfield.

LOS ANGELES, Cal. — Until 9 a. m., Aug. 6, new bids will be rec. by Bd. of Ed. for erecting science bldg. and music hall at Lincoln High School, 8th Bkwy., in accordance with plans and spec. on file with secretary, 730 Security Bldg. Bids will be taken separately on general contract, plumbing, heating, painting and electric wiring. Cert. of cash, check or bidder's bond for 5% Wm. A. Sheldon, secy. Bldgs. will be brick const. and cost about \$95,000.

MADERA, Madera Co., Cal. — Until Aug. 7, 2:30 p. m. bids will be rec. by H. C. Austin, clerk, Madera School District, to fur. (1) physical education supplies; (2) lumber for manual training; (3) paints for manual training; (4) tools for manual training; (5) nails and screws, etc., for manual training. Itemized list of materials desired obtainable from clerk.

FRESNO, Fresno Co., Cal. — Until Aug. 5, 9:30 a. m. bids will be rec. by John W. Edgemond, secy. Board of Education, 1104 City Hall, to fur. and del. electrical scrubbing equipment. Further information obtainable from secretary.

BEVERLY HILLS, L. A. Co., Cal. — Reed Bros. Constr. Co., 204 Wilshire Bldg., was low bidder and has been awarded general contract at \$51,253 for the addition of eight classrooms and manual arts bldg. to the Rexford Dr. grammar school at Beverly Hills, in accordance with plans and spec. by Architects Gable & Wyant, rm. 8, 534 S. Western Ave. G. C. Sutton, 341 S. Western Ave., was low bidder at \$4814 for the plumbing and American Elec. Constr. Co., 757 E. 9th St., low at \$1825.60 for electrical work, and Emerson & Keeler 1909 S. Vermont Ave., low at \$5586 for heating. The bids were: General—Reed Bros., \$51,253; Salth Bros., \$54,523; Orndorff & Gow, \$54,800; Hodges & MacMackin, \$55,450; Koerner & Gage, \$56,450; Carpenter Bros., \$63,000; Bldg. & Constr. Co., \$4,000; Plumbing—G. C. Sutton, \$4814; H. C. Tanner, \$4957; E. W. Crowell Co., \$5121; Thos. Haverty Co., \$5130; Electrical work—Amer. Elec. Construction Co., \$1825.60; Heating—Emerson & Keeler, \$5586; P. E. Harkness, \$5512; Wm. McArthur, \$5579; Frank Davidson, \$5912; Munger and Munger, \$5992; Thos. Haverty Co., \$6640. Hollow tile and brick walls, plaster, ext. tile rfg., cem. and hardwood floors, metal latn.

E. WHITTIER, L. A. Co., Cal. — Until 7:30 p. m., Aug. 8th, bids will be rec. by Trustees of Lowell Joint School District of L. A. and Orange counties, at Lowell School near E. Whittier, for 2-room brick addition and completing inter. of school bungalow in accordance with plans and spec. by Archts. Jeffery & Schaefer, 1014 Kerkhoff Bldg., Cert. of cash, check or bidder's bond for 5% Deposit of \$10 for plans, to be refunded. C. W. Milhous, clerk. Brick walls, tile rf., maple fls., gas htg., blackboards.

BANKS, STORES & OFFICES

Contract Awarded. Cost, \$10,000
BEVERLY, 1635 35-37 San Pablo Ave. Frame stores and dwelling.
Owner—Mr. Guarnieri, 1620 Kaimes Ave., Berkeley.
Designer & Contractor—W. A. Walker, 545 17th St., Oakland.

Contract Awarded. Cost, \$20,000
LOS ANGELES, South Broadway. Interior store fixture work.
Owner—Hanan Shoe Store, 737 South Broadway, Los Angeles.
Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.
Contractor—A. B. Emanuel, 2665 Jones St., San Francisco.

Contract Awarded. Cost, \$—
FRESNO, Fresno Co., Cal. No. 1433 Van Ness, Fresno. One-story brick store (auto tire agency), brick exterior finish and composition roof.
Owner—Iverson & Carlton, 1209 Van Ness, Fresno.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.
Contractor—C. Jorgensen, Fresno.

Contract Awarded. Cost, \$16,700
BERKELEY, 1548 1550 1552 1554 1556 1558 Hopkins St. Frame store building.
Owner—Clarence E. Condon, 1128 Shattuck Ave., Berkeley.
Designer & Contr.—Roy O. Long Co., 2114 Shattuck Ave., Berkeley.

Contract Awarded. Cost, \$20,000
OAKLAND, SW 25th and Broadway. One-story brick stores.
Owner—Mrs. Geo. Jund, 4401 Telegraph Ave., Oakland.
Contractor—A. W. Almqvist, 442-B 48th St., Oakland.

Contract Awarded. Cost, \$17,000
STORES, PITTSBURG, Contra Costa Co., Cal., Fifth and Black Diamond Sts. One-story brick (3) stores 50x70 ft.
Owner—S. T. Davi, Pittsburg, Cal.
Architect—Louis T. Stone.
Contractor—G. E. Seeno, Pittsburg.

Contract Awarded. Cost, \$11,775
SAN FRANCISCO, W Valencia St. 100 N 19th St. One-story and mezzanine floor concrete and hollow tile salesroom building.
Owner—Wm. Lynch, 2698 Mission St., San Francisco.
Designer & Contractor—Jas. McFarland 830 Post St., San Francisco.

Contract Awarded. Cost, \$15,576
OFFICE BLDG., PALO ALTO, Santa Clara Co., Cal. Lot 32 Bk 5. Two-story concrete store and office building.
Owner—Wm. D. Wasson, Giunda and Hamilton Sts., Palo Alto.
Architect—None.
Contractor—G. B. Bertsche and B. H. Briggs, 444 Emerson St., Palo Alto.

Plans Being Prepared. Cost, \$35,000
STORE BLDG., SAN FRANCISCO, E Mission St., bet. 16th and 17th Sts. Two-story brick furniture store bldg.
Owner—Lachman Bros.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans will be ready for figures in three weeks.

Contract Awarded. Cost, \$218,840
TELEPHONE BLDG., BERKELEY, S Bancroft Way, between Shattuck Ave. and Fulton St. Four story class A reinforced concrete telephone building (all work steel frame and cast iron bases).
Owner—Fac. Tel. & Tel. Co.
Architect—E. V. Cobby, Shreve Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny San Francisco.

Plans Being Figured. Cost, \$5000
**OFFICE BLDG., UKIAH, Mendocino Co., Cal. School St. One-story reinforced concrete and brick office, 20 ft. front (tapestry brick exterior).
Owner—Western Title Insurance Co., Ukiah.
Architect—Tuttle & Tuttle 357 12th St., Oakland.**

Contract Awarded. Cost, \$4265
STOCK, NAPA Co., Cal. Brown Street. One-story brick store, 25x80 ft.
Owner—Mrs. Elsie Walker, Napa, Cal.
Architect—C. L. Hunt, Napa, Cal.
Contractor—Confield & Arnitz, Napa.
Other bids were: E. W. Doughty, Napa, \$4680; F. A. Younger, Napa, \$4,481.76; Barenchi & Paganini, Vallejo, \$6500.

Sub Contract Awarded. Cost, \$148,428
BUILDING, SAN FRANCISCO, NE Post and Mason. Finish structural steel work for bldg. Owner—Medico Dental Bldg. Corp., 301 First Natl Bank Bldg., S. F.
Architect—G. W. Kelham and W. G. Merchant, Sharon Bldg., S. F.
Contractor—Moore Dry Dock Co., Balboa Bldg., San Francisco.

Sub Contract Awarded. Cost, \$33,572
ERECT STEEL, SAN FRANCISCO, NE Post & Office. Haul from storage yard of J. G. Williams Const. Co. and erect structural steel in building.
Owner—Medico Dental Bldg. Corp., 301 1st Natl. Bank Bldg., S. F.
Architect—G. W. Kelham and W. G. Merchant, Sharon Bldg., S. F.
Contractor—Moore Dry Dock Co., Balboa Bldg., San Francisco.

LOS ANGELES, Cal. — Pozzo Construction Co., 421 Macy St., has the contract to erect a 1-story brick store bldg. at n.w. cor. of 6th and Alvarado Sts. for Vail & Crane, Walker & Eisen, 701 Great Republic Life Bldg., archts. Brick walls, 150x65 ft., stucco and cast stone facing, plate glass, steel beams, comp. and tile rfg., \$40,000.

LOS ANGELES, Cal.—Arch. Richard D. King, 519 Van Nuys Bldg., is preparing plans for a class A office and garage bldg. to be erected at s.w. cor. Hollywood Blvd. and Sycamore Ave. for H. P. Rehbein; the office bldg. will have 5 stores and lobby of first fl. with office suite bldg. Office bldg. will be 5-story and the garage section will be 3-story, reinf. conc. constr., 150 by 180 ft., terra cotta and plaster and conc. ext. comp. rfg., plate glass, 3 elev. elevators in office bldg. The garage will have ramps, basement, steam htg. sys., steel sash, metal store fronts, garage bldg. will have sprinkler sys., metal skylights; \$500,000.

SAN FRANCISCO—Contract has been awarded to Radefinger Bros., 142 4th St., to do all electrical work for 6-story & basement class A main office building of the Pacific Telephone and Telegraph Co., to be erected on Bush St. near Kearny, Bliss & Faville are the architects. C. V. Cobby is the engineer.

LOS ANGELES, Cal.—Architect T. Beverly Keim Jr., 709 Haas Bldg., has completed plans and is taking bids for a Class C store and office building to be erected on Seventh St. near Parkview, for Theodore Kosloff. It will have 2 stories on the first floor with office suites above. Brick walls, 4-story, 50x115 ft., composition roofing, plate glass, art stone and plaster exterior, cement gas radiators, electric elevators, toilets, and hardwood floors, metal skylights.

MODESTO, Stanislaus Co., Cal.—Geo. J. Ulrich, 1425 Stoddard, Modesto, at \$6000 awarded contract to erect one-story brick and reinforced concrete addition, 35 by 50 ft., to store of J. C. Penny at 925 Tenth St.

SEATTLE, Wash.—A contract has been entered into by D. Zelinsky and Sons, Inc., of California, with the Medical and Dental Building Corporation of Seattle, Washington, for the painting and decorating of their 13-story building for approximately \$70,000. J. A. Creutzer and A. H. Albertson, Leary Bldg., Seattle, are the architects.

LOS ANGELES, Cal.—Arch't. Loy L. Smith, Byrne Bldg., was commissioned by the public service comm., as arch't., to prepare plans for a class A height-limit office bldg., which the dept. will erect on the Seymour Hotel property, 49x119 ft., on 2nd St., bet. Hill St. and Broadway. The report of the committee named to investigate and recommend ways and means for providing additional offices, was adopted by the board and a committee appointed to work out the details.

VENTURA, Ventura Co., Cal. — A. Pefley, Ventura, has been awarded the contract at about \$40,000 to erect a store and office bldg. at Ventura, for G. W. Chrisman; it will contain 10 stores and shops including restaurant and banquet hall on first floor with offices above. Webber, Staunton and Spaulding, 1017 Hibernian Bldg., L. A., archts. Brick walls, 2-story, plaster ext., cem. and pine fls., tile and comp. grg., plate glass, gas htg., water htr., ornam. iron work.

LONG BEACH, Los Angeles Co., Cal. —The Marine Holding Corp., capital stock, \$1,000,000, has been formed to construct an 8-story, Class A bank building on a 99-year leased site at the northeast corner of Pine Ave. and Broadway, Long Beach. Officers are: E. J. Wightman, Marine Bank, pres.; Irving H. Hellman, vice-pres.; Max R. Wallace, secy.; Julius Blum, treas.; C. C. Lewis, Chas. Malcom, David M. Smith and Roland G. Swaffield are directors.

THEATRES

Bids Under Advisement—Plans Being Revised.

THEATRE BLDG. Cost, \$125,000

PALO ALTO, University Ave. and Ramona Street.

One-story reinforced concrete Class B theatre building.

Owner — Palo Alto Theatre Company, Ellis J. Arkush, Mgr.

Architect — Weeks and Day, 315 Montgomery St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, \$40,000

BURLINGAME, San Mateo Co., Cal.

Theatre alterations.

Owner—Ellis J. Arkush, 25 Taylor St., San Francisco.

Architect — Mitchell-Jackson Co., San Mateo.

Contractor—Powers Studios of Los Angeles.

Improvements will consist of remodel exterior and installation of new store fronts; redecorating the interior, rearranging lobby and enlargement of offices.

Plans Being Figured.

THEATRE Cost, \$20,000

KING CITY, Monterey Co., Cal.

One-story reinforced concrete or hollow tile motion picture theatre.

Owner—Leslie Hables.

Architect—Miller & Warnecke, Perry Bldg., Oakland.

LAS VEGAS, Nev.—Arch't. Richard D. King, 519 Van Nuys Bldg., L. A., has completed plans for a theater and office bldg. to be erected at Las Vegas, Nev., for Cragging & Pike, Las Vegas, Nev. The theater will have a seating capacity of about 800 people and there will be 2 stores and 6 office suites. Brick walls, plaster ext., 2-story and basement, tile flg., cement and hardw. fls., steam htg. sys., plate glass, ventilating system, pine trim; owner will have charge of construction.

TAFT, Kern Co., Cal.—Wm. B. Finley has been awarded contract to build theatre and store building at the corner of 4th and North streets for Valley Inv. Co. Cost, \$85,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Completing Plans.

DEPOT Cost, \$1,000,000 or more

SACRAMENTO, Cal.

Class A Union Passenger Depot.

Owner—Southern Pacific Co.

Architect—Bliss & Faville, Balboa Bldg. San Francisco.

Plans will be completed in about a month.

Bids To Be Called For In a Few Days.

R.R. STATION Cost, \$—

SAN MATEO, San Mateo Co., Cal.

One-story reinforced concrete railroad station. Mission type of architecture, tile roof, stucco exterior.

Owner—Southern Pacific R. R. Co., 65 Market St., San Francisco.

Architect—Engineering Department of S. P. Co., 65 Market St., S. F.

Main station building will be 96x25 ft. Other structures will be baggage quarters, etc. An office and freight warehouse will also be erected in connection with the project for the American Railway Express Co.

LA JOLLO, San Diego Co., Cal.—Election will be held Aug. 19th to vote on \$40,000 bond issue for financing new bathing pavilion.

SANTA ANA, Orange Co., Cal.—The Vitagraph Co. of America, 1708 Talmadge St., is making a survey of building sites in the vicinity of Santa Ana.

Albert E. Smith, president of the company, announced that work would probably be started this fall on erection of a large studio if satisfactory location is secured.

GLENDALE, L. A. Co., Cal.—Archts. Walker & Eisen, 701 Great Republic Life Bldg., are preparing plans for a stadium to be erected at Los Feliz Rd. and Central Ave., Glendale, for Benjamin Unger and associates, Los Angeles. It will be operated under the auspices of the American Legion of Glendale. Dimensions, 150x250 ft., 10 stores, arena 150x200 ft., steel roof trusses, brick walls, comp. grg., heating and ventilating; \$100,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Streets, San Francisco, either by phone, letter or personal call. Requests for additional information should be made to the Business Opportunities Department. Such Requests must be accompanied by the Index Number of each opportunity.

8443 — Winnipeg, Canada. Firm of wholesale distributors and manufacturers' agents wish to represent San Francisco manufacturers and exporters in Winnipeg and western Canada. References given.

8451 — United Kingdom. A firm of British manufacturers is desirous of finding a market in this district for the sale of red oxide of iron in the crude or lump form.

8453 — Nogales, Arizona. Party desires to quote prices on charcoal to San Francisco users.

8454 — Los Angeles, Cal. Foreign trade house seeks to make a buying and selling arrangement with a San Francisco importer and exporter.

8457 — Ghilly, Belgium. Buyer of steel bars, bolts, nuts, screws, nails, etc., desires to communicate with San Francisco jobbers of these articles and will quote prices and give particulars.

8458 — San Francisco. Gentleman has proposition to make first-class manufacturers and packers who, not possessing their own export department, wish to find an outlet for their products in Mexico, Central and South America. Not a commission house proposition.

D-1325 — San Francisco. Specialty salesman, preferably metal trades, wants either position or agency.

D-1328 — Vancouver, Canada. Local agent wanted for French tiles and slates.

D-1329 — Pittsburgh, Pa. Hand truck manufacturing company wants local selling agent.

D-1332 — San Francisco. Wanted to purchase good draying outfit in San Francisco or some railroad commission franchise motor carrier operating in the bay regions. Business must be sound and price right; \$50,000 available for the deal.

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TO BUILDING AND ENGINEERING NEWS,
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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$5.00 (Remittance must accompany order)

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Official Proposals

NOTICE TO CONTRACTORS

(Memorial Building, Contra Costa Co.)

Office of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of the Board of Supervisors of Contra Costa County at his office, until 11 o'clock A. M. on Monday, August 18th, 1924, for the furnishing of all labor and material for the construction and completion of a two-story and basement Memorial Building to be built in the City of Richmond, County of Contra Costa, State of California, according to plans and specifications prepared by James T. Nabett, Architect, 906 Macdonald Ave., Richmond, California, and Leland & Haley, Consulting Engineers, 55 Sutter St., San Francisco, Calif.

Bids shall be marked "Bids for the Construction of Richmond Memorial Building."

Separate bids shall be presented as follows:

First: For all labor and material and mechanical workmanship required excepting heating.

Second: For all labor and material required for complete installation and all details for heating system. Specifications for this work are on file in the office of the County Clerk of Contra Costa County, State of California, at Martinez, California, and in the office of James T. Nabett, Architect, 906 Macdonald Avenue, Richmond, California, and in the office of Leland & Haley, Consulting Engineers, 55 Sutter St., San Francisco, California.

NOTICE IS HEREBY FURTHER GIVEN that all things being equal preference will be given first to bidders using materials manufactured or produced in the County of Contra Costa, State of California, and second that preference will be given to local bidders residing in the County of Contra Costa, where bids are equal.

All bids must be accompanied by a certified check on some solvent bank or cash deposit in a sum equal to ten per cent of amount bid on whole contract, conditioned that if the contract is awarded to the party submitting the accepted bid he will enter into a contract and furnish such bonds as may be required by said Board within five days after notice of award or failing so to do, the amount of such cash deposit or certified check to be forfeited as liquidated damages for such failure.

All checks to be made payable to the order of the Board of Supervisors of Contra Costa County, State of California.

Said Board reserves the right to reject any and all bids and to waive any informality of any bids received. Plans and specifications for this work may be obtained from the Architect on depositing with said Architect the sum of \$20, to secure the return of said plans and specifications. The same to be returned to said bidder on return of said plans and specifications in good order within ten days.

By order of the Board of Supervisors of Contra Costa County, State of Calif.
Dated: Martinez, California, July 21st, 1924.

J. H. WELLS,
Clerk of the Board of Supervisors of Contra Costa County, State of California.

NOTICE TO CONTRACTORS

(Marysville Grammar School Addition)

The City Board of Education of the City of Marysville hereby invites sealed proposals or bids for the building of a four-room brick addition to the present grammar school building, which grammar school building is

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

situate on the west half of the block bounded by Seventh Street on the north, F Street on the east, Sixth Street on the south and G Street, on the west, in the City of Marysville.

All of said work shall be done in accordance with plans and specifications on file in the office of the City Board of Education, to which plans and specifications reference is hereby made for further particulars.

All proposals or bids shall be accompanied by a check payable to the City Board of Education and certified by a responsible bank for an amount which shall not be less than ten per cent (10%) of the aggregate of the proposals.

Said sealed proposals or bids shall be delivered to the Secretary of the City Board of Education at the office of said board of grammar school building at Marysville, California, before eight o'clock P. M. on the 7th day of August, 1924. Bids will be opened on said day and hour. The successful bidder will be required to give a bond in the sum of twenty-five per cent (25%) of the amount of his bid for faithful performance of his contract and an additional bond for the protection of laborers and materialmen, which bond shall be as required by law. The City Board of Education reserves the right to reject any and all bids.

By order of the City Board of Education of the City of Marysville.

Dated: July 23rd, 1924.
WALTER A. KYNOCHE,
Secretary of the City Board of Education.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on August 25, 1924, at which time they will be publicly opened and read for construction in accordance with the specifications thereto for which special reference is made, portions of State Highway as follows:

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

Lassen County, seven combination wood and concrete trestles over Pit River and Pit River over channels, having a span total length of 390 feet, together with a weir or ford 600 feet in length (11-Las-28-A).

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank forms of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,

N. T. EDWARDS,

California Highway Commission.

R. M. MORTON,

State Highway Engineer.

W. F. MIXON, Secretary.

Dated July 25, 1924.

NOTICE TO BIDDERS

(City of Santa Cruz—C. I. Pipe)

Notice is hereby given that the Council of the City of Santa Cruz invites sealed proposals or bids for furnishing the following:

6000 feet 12 inch Class B Cast Iron Pipe Bell & Spigot Joints.
2500 feet 6 inch Class B Cast Iron Pipe Bell & Spigot Joints.
2500 feet 8 inch Class B Cast Iron Pipe Bell & Spigot Joints.
12 4-inch x 4-inch Cast Iron Bell Tees.

6 8-inch x 4-inch Cast Iron Bell Tees.
6 6-inch x 4-inch Cast Iron Bell Tees.
3 8-inch x 8-inch Cast Iron Bell Tees.
3 8-inch 45 deg. Cast Iron Bends.
3 8-inch 22 1/2 deg. Cast Iron Bends.

Pipe to be not less than 12 foot lengths.

Pipe and fittings to be delivered F. O. B. Santa Cruz. Delivery to be made within 90 days after award of contract.

Said proposals or bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz, up to the hour of 1 o'clock a. m. on Thursday, the 7th day of August, 1924, and the same will be opened at 9:30 o'clock a. m. on said day. All proposals or bids must be in writing, must give the total amount of bid submitted and must be accompanied by a certified check for ten per cent of the amount bid payable to the City of Santa Cruz.

The Council of said City reserves the right to reject any and all bids.

Dated July 26, 1924.

S. A. EVANS,
City Clerk.

NOTICE TO CONTRACTORS

(Kern County General Hospital)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, up to 10 o'clock A. M., Monday, August 18, 1924, for furnishing all labor and materials for, and the erection and completion of the various items as listed below, to be installed in the Kern General Hospital Group, including the Old People's Home, being erected on Flower Street, East Bakersfield, California, in accordance with plans and revised specifications on file in the office of the Clerk of the Board and open for the inspection of bidders. Copies of said plans and revised specifications may be had at the office of Charles H. Bigger, Architect, 405 Bank of America Building, Bakersfield, California, and the work will be done under his supervision.

Bids will be received for the following items:

1. Kitchen, equipment, complete, as per plans and revised specifications.
2. One hundred bedside cabinets.
3. One hundred hospital chairs.

Bids to be made out upon form furnished by the Architect for that purpose and each bid must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10%) of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the county and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted July 14, 1924.

F. E. SMITH,

County Clerk and Ex-Officio Clerk of the Board of Supervisors.

By M. G. DOWNEY, Deputy Clerk.

NOTICE TO CONTRACTORS

(Water Works—City of Kelso, Wash.)

Sealed proposals will be received by the City Clerk of the City of Kelso, Washington, until 8:00 o'clock P. M., Tuesday, August 12, 1924, for the construction of improvements and extensions to the water works in the City of Kelso, Washington.

The said work is authorized by Ordinance No. 344.

The work will consist of furnishing labor and material for the complete installation of an intake structure in the Cowlitz river, a twin reservoir with a combined capacity of 2,000,000 gallons, and five (5) miles of water mains and appurtenances ranging in diameter from 12 to 18 inches.

Each bid must be accompanied by a certified check made payable to the City Treasurer of the City of Kelso, Washington, for an amount equal to five (5) per cent of the total amount of the bid.

Plans and specifications may be obtained from the City Clerk by depositing \$25 for each set of plans required to insure the return of them on or before the day bids are opened.

The right is reserved to reject any and all bids.

A. J. BRANSCOM,
City Clerk.

NOTICE TO CONTRACTORS

(Honolulu—Mail Chute)

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 27, 1924:

SEALED PROPOSALS will be received at the office of the Postoffice at Honolulu, Hawaii, until 9 A. M., and at the office of the Superintendent of Construction, Room 402 Post Office, San Francisco, Calif., until 12 M., and at this office until 2 P. M., Sept. 2, 1924, and then opened, for mail

chute in the United States Post Office, Custom House and Court House, at Honolulu, T. H. Drawings and specifications may be obtained from the Superintendent of Construction, Room 402 Post Office Building, San Francisco, Calif., or from this office in the district office of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO CONTRACTORS

(Pacific School District)

Notice is hereby given that sealed bids will be received and opened by the board of trustees of the Pacific School District, County of Sacramento, State of California, in the present school in Pacific District, on the Franklin boulevard, at 7:30 P. M., on the 14th day of August, 1924, for the following work in connection with the new school building to be erected in said Pacific School District County of Sacramento, State of California, according to plans and specifications prepared for the same by Eugene J. Seidler, architect.

Bids will be received as follows: The general contract with its alternate propositions.

Painting work.

Plumbing work.

Heating work.

Plans and specifications may be seen at the office of the architect, 1005 8th street, Sacramento, California. All bids should be presented on bid forms furnished by the architect. Each bid must be accompanied by a certified check on some responsible California bank in a sum not less than five per cent (5%) of the amount of bid, made payable to the Board of Trustees of the Pacific School District, for the purpose stated in specifications. Each bid must be delivered in sealed envelope and addressed to Charles Hack, Clerk of the Board, and endorsed, "Proposal for new school building." The board reserves the right to reject any and all bids.

(Signed) CHAS. HACK,
Clerk of the Board of Trustees of the Pacific School District, Box 1315, Route 4, Sacramento, California.

BIDS WANTED FOR STEEL TANK

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed, "Proposals for steel tank, Pearl Harbor, Hawaii, Specification No. 4,932," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 1 o'clock A. M., August 13, 1924, and then and there publicly opened for 750,000-gallon elevated steel water tank on steel tower at the Naval Operating Base, Pearl Harbor, T. H. Specification No. 4,932 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the commandant, Navy Yard, Mare Island, California. Deposits will be a check or postal money order for \$5, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the specifications.

L. E. GREGORY,
Chief of Bureau.

May 24, 1924.

NOTICE TO BIDDERS

(Hanford Joint Union High School District)

At a regular meeting of the Board of Trustees of the Hanford Joint Union High School District, held Monday evening, July 14, 1924, at its regular place of meeting, a motion was made and

carried that the Board purchase for the said High School District the following:

1. Tools and machinery for the new shop as per specifications on file with the Clerk of said Board.
2. Twenty-five mechanical drawing tables, thirty class-room desks and five teacher's desks and chairs, more or less, as per specifications on file with the Clerk of said Board.

Notice is hereby given that the Trustees of said High School District will receive sealed bids to furnish items (1) and (2) as above, on or before Monday evening, August 11, 1924, the same to be mailed to the Clerk of the Board of Trustees, in care of J. L. Neighbor, or delivered in person at the meeting of the Trustees August 11, 1924, not later than 8 o'clock p. m.

All bids must be accompanied by a certified check or bidder's bond for ten per cent of the amount of the bid.

When plans, specifications or makes of materials or articles are specified they are mentioned as standards, and the bidder has the option of bidding on any other brand or make of the same kind of materials or articles.

The Trustees reserve the right to reject any or all bids.

GEORGE H. ROGERS,
Acting Clerk of the Board of Trustees, Hanford Joint Union High School District.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on Aug. 18, 1924, at which time they will be publicly opened and read for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows: Lassen County, a 25-foot concrete bridge across Robbers Creek, a 90-foot combination wood and concrete trestle across Baxter Creek and a 150-foot combination wood and concrete trestle across Long Valley Creek (H-Las-29-A, C & E).

Orange County, between Corona Del Mar and Laguna Beach (VII-Or-60-B), about five and two-tenths (5.2) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Whittier, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and extent of work to be done with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The specifications and forms of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY H. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORLEY,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated July 21, 1924.

POSITION WANTED

DRAFTSMAN, Map Estimating, Elevator, Machinery and Marine experience wants temporary or permanent position. Address C. E. BURNLEY, 1518 Broadway, Alameda.

Engineering News Section

BRIDGES

NEVADA CITY, Nevada Co., Cal.—Until Aug. 5, 10 a. m., bids will be rec. by C. Coughlan, county clerk, to const. steel bridge over Middle Yuba River at Footes Crossing (abutments and piers now in place). Plans obtainable from county clerk.

ANTIOCH, Contra Costa Co., Cal.—J. G. Little, consulting engineer, 251 Kearny St., San Francisco, is completing working drawings for steel and rein. concrete bridge to span San Joaquin River at Antioch. The structure will be financed by the American Toll Bridge Co., 525 Market St., San Francisco and will cost approximately \$1,300,000. Bids for the structural steel, approx. 2000 tons, will be asked in about two weeks. Structure will be 31-ft. roadway of concrete slab construction.

PORTLAND, Ore.—Union Bridge Co., Portland, at \$2,390,173 awarded cont. by county commissioners to construct Burnside bridge.

RIVERSIDE, Cal.—Approx. quantities for the San Jacinto bridge, for which bids are to be opened by supervisors, Aug. 11 (as previously noted), are: 250 cu. yds. excav.; 320 cu. yds. conc.; 10 tons of structural steel; 1000 lb. lumber. A. C. Fulmer, county surveyor.

LOS ANGELES, Cal.—City Bridge Engr. Butler has submitted to state railroad commissioner city's plans for Macy St. viaduct. Est. cost, \$507,210. The proposed bridge will be of conc. constr., 215 ft. single-arch span across the river. The structure will cross tracks of Santa Fe and Union Pacific Railways. Damages to abutting property will be \$34,680. The cost of lowering railway tracks is placed at \$378,578. The city, county and railroads named will each pay 20% of cost provided L. A. Ry. joins. Otherwise some other arrangement will have to be made. The matter is in the hands of the commission.

BAKERSFIELD, Kern Co., Cal.—State Highway Commission has completed plans for concrete girder bridge over Cottonwood creek on new state highway route up Kern Canyon; est. cost, \$45,000.

EUREKA, Humboldt Co., Cal.—Until Aug. 12, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. rein. conc. girder bridge over Little Elk river near Elk River corners. Plans obtainable from County Surveyor, A. J. Logan.

NAPA, Napa Co., Cal.—Until Aug. 12, 10 A. M., bids will be rec. by James A. Daly, county clerk, to const. 6 small rein. conc. bridges, as follows: 2 near Wooden Valley School, Rd. Dist. 4; one on El Centro Ave., Rd. Dist. 2; one near Augustine Juarez ranch; one in Coombsville bet. 2nd and 3rd Aves.; one conc. arch extension to existing structure on Wild Horse Valley Rd. near Frisby ranch, Rd. Dist. No. 5; one conc. return from Main Highway at El Centro Ave. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 18, 11 A. M., bids will be rec. by J. H. Wells, county clerk, to const. Moor bridge involv. 33,000 ft. B. M. timber; 4,700 lbs. iron; 960 lin. ft. piling. Plans obtainable from R. R. Arnold, county surveyor.

YREKA, Siskiyou Co., Cal.—County Surveyor Albert J. Parrott preparing plans for 4 bridges to be constructed on Griffin Lane.

NAPA, Napa Co., Cal.—Until Aug. 12, 10 A. M., bids will be rec. by James A. Daly, county clerk, to const. rein. conc. bridge over Sulphur Creek at White Sulphur Springs and a rein. conc. bridge over Iron Mine Creek, about 1 mi. west from White Sulphur Springs. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 18, 11 A. M., bids will be rec. by J. H. Wells, county clerk, to const. Moraga bridge, involv. 39,598 ft. B. M. timber; 5,098 lbs. iron; 589 lin. ft. piling. Plans obtainable from County Surveyor, R. R. Arnold.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 18, 11 A. M., bids will be rec. by J. H. Wells, county clerk, to const. Rudgar bridge, involv. 20,170 ft. B. M. timber; 4,800 lbs. iron; 630 lin. ft. piling. Plans obtainable from County Surveyor, R. R. Arnold.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 18, 11 A. M., bids will be rec. by J. H. Wells, county clerk, to const. Alvarado bridge, involv. 31,000 ft. B. M. timber; 6,550 lbs. iron; 600 lin. ft. piling. Plans obtainable from County Surveyor R. R. Arnold.

LASSEN COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Aug. 18, 2 p. m., to const. Alvarado bridge, involv. 31,000 ft. B. M. timber; 6,550 lbs. iron; 600 lin. ft. piling. Plans obtainable from County Surveyor R. R. Arnold.

LASSEN COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Aug. 18, 2 p. m., to const. Alvarado bridge, involv. 31,000 ft. B. M. timber; 6,550 lbs. iron; 600 lin. ft. piling. Plans obtainable from County Surveyor R. R. Arnold.

LASSEN COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Aug. 18, 2 p. m., to const. Alvarado bridge, involv. 31,000 ft. B. M. timber; 6,550 lbs. iron; 600 lin. ft. piling. Plans obtainable from County Surveyor R. R. Arnold.

LASSEN COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Aug. 18, 2 p. m., to const. Alvarado bridge, involv. 31,000 ft. B. M. timber; 6,550 lbs. iron; 600 lin. ft. piling. Plans obtainable from County Surveyor R. R. Arnold.

LASSEN COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Aug. 18, 2 p. m., to const. Alvarado bridge, involv. 31,000 ft. B. M. timber; 6,550 lbs. iron; 600 lin. ft. piling. Plans obtainable from County Surveyor R. R. Arnold.

EUREKA, Humboldt Co., Cal.—Until Aug. 12, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. cable suspension bridge across South Fork of Eel River near Miranda, Rd. Dist. 2. Cert. check 10% req. with bid. Plans obtainable from County Surveyor A. J. Logan.

SEATTLE, Wash.—County Engineer Thos. R. Beeman preparing plans for proposed Suco river bridge and paving of 1-mi. of Auburn south road connecting with Pierce county line. The cost of both projects including bridge approaches is \$100,000. Bridge will be 270 ft. in length; steel construction.

EUREKA, Humboldt Co., Cal.—Until Aug. 12, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. rein. conc. bridge across Greenlaw Slough near Elk River Corners, Rd. Dist. 3. Cert. check 10% req. Plans on file in office of clerk, A. J. Logan, county surveyor.

LOS ANGELES, Cal.—Murdoch and Condee, 1355 W. 21st St., submitted low bid to Bd. Pub. Wks. at \$5517 to const. timber trestle across Los Angeles river at Ninth St.

Robt. Beyrle, 957 E. 23rd St. low bidder at \$7419 to const. bridge across the Santa Ynez Creek, on the Malibu Rd., near Marquette Ave. Involves steel rods in place at \$1000 (lump sum); 253 cu. yds. class A conc. \$23 yd.; 1200 lin. ft. piling in place 50c lin. ft. Other bids were: Wheeler Co., \$1075 steel; \$26.50 conc.; 60c piling; Stanton & Hubert, \$1290 steel; \$24.90 conc.; 60c piling.

SAN DIEGO, Cal.—McKay Engineering Co., 405 L. A. Ry. Bldg., Los Angeles, awarded cont. by supervisors at \$129,471 to const. rein. conc. arch bridge over San Luis Rey river, on Mission Rd. No. 1-C, near Bonsall; will be 667 ft. long, 21 ft. wide bet. curbs 40 ft. above stream bed; 5 106-ft. open spandrel arches; 2 30-ft. girder approaches each end. The work involves 148.5 cu. yds. 12.4 class A reinf. conc.; 136.6 cu. yds. 12.4 class B reinf. conc.; 297.2 cu. yds. 13.6 class C reinf. conc.; 210.910 lbs. reinf. steel; 1334 lin. ft. hand rail; 9810 lin. ft. wood piles (218 45-ft. piles) 1.98 lin. ft. struct. steel (exp. steel); Fred W. Steffen bid \$135,592. Engr's est., \$127,000.

LASSEN COUNTY, Cal.—Until Aug. 25, 2 p. m., bids will be rec. by State Highway Commission, to const. seven combination wood and concrete trestles over Pit river and Pit river overflow channels, in Lassen county, having a sum total length of 990 ft. together with weir or ford 600 ft. in length. R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—State Highway Commission requests Fresno county supervisors to provide funds in 1925 tax levy to finance the county's portion of the cost to construct new bridge spanning San Joaquin River. The structure will be about 2.5-miles in length. No estimates of cost have been prepared as yet.

MADERA, Madera Co., Cal.—Bids will be asked at once by county supervisors to const. bridge over Berenda slough, near Buffington Ranch; est. cost \$1000; conc. and timber construction.

BAKERSFIELD, Kern Co., Cal.—Myers and Stoll, Bakersfield, at \$1386 awarded cont. by supervisors to const. cem. conc. culverts over James Canal. Other bids: Dean & Stroble, \$1699.51; Stroud Brothers, \$1597; J. F. Shepherdson, \$1487; and C. C. Gildersleeve, \$1987.

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DREDGING, HARBOR WORKS AND EXCAVATIONS

SANTA BARBARA, Cal.—Proposed bond issue for a harbor and breakwater has been dropped owing to insufficiency of city's bonding capacity. A total of \$650,000 is all that the city can possibly be bonded for at this time.

DEL MAR, Cal.—See "Irrigation Projects," this issue.

LOS ANGELES, Cal.—Bids are wanted by Irving S. Metzler, 727 S Spring st., for excavation and conc. work for an 800,000-gal. reservoir. Plans on file at the office of above. Chas. C. Miller, Union League Bldg., engr.

OAKDALE, Stanislaus Co., Cal.—Until Aug. 15, 2 p. m., bids will be rec. by M. P. Kearney, secy. Oakdale Irrigation District to const. (a) 4 mi. of open ditch, 3-ft. wide on bottom, slopes 1 to 1, involv. 8000 cu. yds. excavation; (b) 4 culverts, involv. 56 lin. ft. 36-in. conc. pipe and 12 cu. yd. conc. R. E. Hartley, ch. eng. for dist.

MARYSVILLE, Yuba Co., Cal.—City council will provide \$7000 in budget to finance improvements at Ellis Lake. Geo. W. Richards, city clerk.

LOS ANGELES, Cal.—Until 2:30 P. M., Aug. 8, bids will be rec. by harbor comm., 312 Export Bldg., to dredge in vicinity of Berths 208 and 168, under spec. 635. Specs. on file at office of harbor engr., Berth 90, San Pedro.

LOS ANGELES, Cal.—Until 2 P. M., Aug. 4, bids will be rec. by supervisors of county flood control district to excavate storm drain channel 8 ft. wide and side slopes of 1 to 1 and $\frac{3}{4}$ to 1 from the S. E. of Chapman Ave., city of Los Angeles, and running thence eastward along the north side of the Union Pacific Railway through tract No. 4205 to the north side of said railway about 200 ft. in tract 575. Work involves the excav. and disposal of material, estimated at about 4500 cu. yds.

IRRIGATION PROJECTS

FAIRFIELD, Solano Co., Cal.—Irrigation District No. 2,068, has been formed at Millerton Station to develop more than 200,000 acres of land along the line of the San Francisco and Sacramento R.R. Dist. will provide irrigation for the tract, comprising the lands of the tract, comprising the Heise, Keeler, Winshop, Crocker, Millar, J. P. Thompson, Cutler Page, Baldwin Eames and Swan ranches. J. W. Preston of San Francisco and Felix T. Swan of Oakland and J. P. Thompson of Millar are trustees of the district.

PHOENIX, Ariz.—C. C. Cragin, gen. supt. and chief engr. of the Salt River Valley Water Users' Assn., estimates cost of const. Auxiliary Eastern Irrigation Dist., embracing 41,500 acres, at \$1,650,000 exclusive of discount on the bonds and the contractor's profit. Work will involve the lining of 8,000,000 sq. ft. of main canals, and the installation of pumping plants for securing water from underground water sources in the southern portion of the district. It is planned to use the surplus water of Granite Reef dam in addition to other sources of supply mentioned.

SAN BERNARDINO, Cal.—County Surveyor J. P. Kemmerer preparing spec. for change in course of irrigation canal at Victorville, which now runs under the Santa Fe tracks. The changes will necessitate a syphon.

MANTECA, San Joaquin Co., Cal.—Directors of South San Joaquin Irrigation District, take under consideration bids received for lining approx. 40 miles of canals. Bids were submitted by C. W. Wood; Carlson Bros., Bladenkranz & Vernon; Theobalds, Irwin & Co.; Merced Concrete Pipe Co. No action is expected on an award of contract until bonds to finance the work have been sold.

MANTECA, San Joaquin Co., Cal.—South San Joaquin Irrigation District rejects bids received for lining approx. 40 miles of canals in district, as being too high when compared with the price to be received by the district for the sale of the bonds to finance the work.

SANTA MARIA, Cal.—Engrs. are surveying proposed Valley Irrigation project. About 50,000 acres will be included. It is thought that about \$4,000,000 will be necessary in the bond issue. A date for the election has not been set.

PIXLEY, Tulare Co., Cal.—R. E. Lynds has purchased 1200-acre tract 3 mi. from Pixley. Development work will be started at once. It is proposed to level land, install purchased pumps, construct irrigation canals, etc. The acreage will be divided into probably 60 ranches.

PHOENIX, Ariz.—Preliminary engineering work on Paradise Verde Irrigation Dist. project is being done by Theo. Starr and Anderson, Sharon Bldg. San Francisco consulting engrs. The first block of bonds will be for \$6,000,000, negotiations for the sale of which are now under way. The entire proposed issue under the \$23,000,000 gram proposed under the Paradise Verde act includes: Camp Verde dam—Aluminate No. 1, rock fill, 265 ft. high; alternate No. 2, constant radius, arch type, 265 ft. high; Horseshoe dam, multiple arch, 160 ft. high; Bartlett diversion dam, 28 ft. high; New River dam, earth fill, 90 ft. high; McDowell canal, 22.7 mi. long; Paradise canal, 39.4 mi.; distributing system for 60,000 acres of land; 50 deepwell pumps to be installed; power plants as follows: Horseshoe plant, 3700 h.p.; Camp Verde plant, 24,000 h.p.; Bartlett plant, 2000 h.p.; Power plant No. 1, 8000 h.p.; Power plant No. 2, 6800 h.p.; Power plant No. 3, 8700 h.p.; Power plant No. 4, 4900 h.p. Final plans for the first unit will be prepared as soon as the bonds are sold. The first unit will comprise 1 dam and power house.

OLYMPIA, Wash.—Edna L. Griffith, of Elk, Wash., files application with State Supervisor of Hydraulics Marvin Chase to use waters of Spring Creek for irrigation purposes; will construct ditches costing \$250,000.

Sultan Electric Co. Sn. homish, Wash. files application to use 100 cu. ft. water per sec. from Lake Isabel and May Creek for power purposes; will const. dam and pipe line; est. cost \$500,000.

OLYMPIA, Wash.—A. F. Horton, W. H. Wright and U. P. Campbell of Newport, Wash., file application with State Supervisor of Hydraulics for permit to appropriate 150 cu. ft. water per sec. from Bear Lake for irrigation, domestic and power purposes. Will const. pipe line and canal; est. cost \$25,000.

DEL MAR, Cal.—Until 2 p. m., Aug. 9, bids will be rec. by directors of Santa Fe Irrigation Dist. for (1) Construction of a conc. reservoir for the district; (2) trench and backfill work; (3) riveted steel pipe and fittings; (4) muck and lay concrete pipe. Plans on file at office of secy. of the district, 1000 S. Kreuzer st. small. Cert. check or bond 5% req. in each case.

OROVILLE, Butte Co., Cal.—Lord and Bishop, Oroville, at \$3727 awarded contract by Oroville-Wyandotte Irrigation Dist. for concrete lining approx. 450 ft. of Tunnel No. 1 on South Feather ditch.

LIGHTING SYSTEMS

SANTA MONICA, Cal.—See "Sewers and Streets," this issue.

SAN GABRIEL, Cal.—Bids to const. ornate lighting system in Las Tunas Dr. and six other streets, and in Shorb Rd. bet. Hermosa Dr. and Las Tunas Dr. were above engineer's estimate and were held up by the trustees until next meeting.

SANTA MONICA, Cal.—D. S. McEwan 127 Pier Ave., Ocean Park, submitted low bid to council at \$1752 to const. ornate lighting system in California Ave., bet. Ocean Ave. and 7th St. Other bids were: Walker & Martin, \$4767; Graham Electric Co., \$4970; H. H. Walker, \$6327.

LONG BEACH, Cal.—Council declares inten. to const. ornate lighting system in Ocean Blvd. bet. 39th St. and Termino Ave., involv. posts, conduits, lamps, etc.; 1911 act. H. C. Waughop, city clerk.

LOS ANGELES, Cal.—Council declares inten. to const. ornate lighting system in portions of Main St., involv. 109 pressed steel posts, etc.; 1911 act.

LOS ANGELES, Cal.—Until 10 A. M., Aug. 11, bids will be rec. by Bd. Pub. Wks. to const. lighting system complete in Virginia Rr. bet. Washington and 23rd Sts., involv. 58 concr. ornamental posts; 1911 act.

PELOUNDO, Cal.—Engr. Victor H. Staheli, preparing spec. for lighting system on Catalina Ave.

MACHINERY AND EQUIPMENT

CORCORAN, Kings Co., Cal.—Until Aug. 12, bids will be rec. by C. C. Wilson, clerk, Corcoran Union High School District, to furnish school metal working equipment for high school.

SAN FRANCISCO—J. W. de Young at \$7583.57 submitted low bid to State Board of Harbor Commissioners, Ferry Bldg., to const. pile driver scow. Other bids: Crowder, Lancher and Tuz Boat Co., \$8625; Oakland Launch and Tuz Boat Co., \$8816.25. Referred to Chief Eng. Frank G. White for report.

FRESNO, Fresno Co., Cal.—Until Aug. 29, 2 p. m., bids will be rec. by John W. Edgemond, Secy., Board of Education, 1104 City Hall, to fur. and del. electrical scrubbing equipment. Further information obtainable from secretary.

MADEIRA, Madeira Co., Cal.—Until July 29, 2 p. m., bids will be rec. by Carrie J. Hining, clerk, Sharon School District, to fur. one 25-passenger chassis or equal and one 25-passenger school bus body. Further information obtainable from clerk.

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REDWOOD CITY, San Mateo Co., Cal.—Superior authority purchase of motor for use at Third St. and District. Edw. M. Kneave, county clerk.

SAN FRANCISCO, Contra Costa Co., Cal.—Until Aug. 4, 3 p. m. bids will be rec. by Board of Education, secy. Board of Education, 1000 Market St., for purchase of ambulance body for emergency hospital service. Further information obtainable from above office.

ALAMEDA, Alameda Co., Cal.—Until Aug. 4, 3 p. m. bids will be rec. by Chas. J. Pitt, secy. Board of Education, 1000 Market St., for purchase of two high speed auto and standard trucks with self-washed and standard Ford steel body and cab. Cert. check \$500 req. with bid. Further information obtainable from secretary.

ALAMEDA, Alameda Co., Cal.—Until Aug. 4, 3 p. m. bids will be rec. by C. J. DeFourn, secy. Board of Education, 1000 Market St., for purchase of supplies, equipment required for school department. Cert. check \$500 req. with bid. Lists of materials desired obtainable from secretary.

MADERA, Madera Co., Cal.—Until Aug. 7, 2:30 p. m. bids will be rec. by H. C. Austin, clerk, Madera School District, to fur. (1) physical education, (2) supplies, (3) mail, (4) sewing, etc. the latter four items for manual training departments. Itemized lists of materials desired obtainable from clerk.

BEVERLY HILLS, Cal.—Until 3 P. M. Aug. 4, bids will be rec. by city clerk for fur. one 1-bag concrete mixer, one 3-bag, one street sweeper and one 3-bag automatic sprinkling machine and one 3-cu. ft. automatic pump truck. Spec. on file at the office of C. B. J. Farnberger, city clerk.

SACRAMENTO, Cal.—Until Aug. 6, 3 p. m. bids will be rec. by A. G. Franklin, clerk, Freeport School District, to fur. school bus with capacity of twenty passengers from one ton to one and one-half ton chassis. Further information obtainable from clerk.

RAILROADS

MERCED, Merced Co., Cal.—F. Rolandi, 550 Montgomery St., San Francisco, at \$147,681 awarded contract by Merced Irrigation District to relocate Merced River Valley Railroad 15 miles. Connection with Merced Irrigation District project, etc.

VALLEJO, Solano Co., Cal.—San Francisco, Napa and Calistoga Electric R.R. Co., Crocker Bldg., San Francisco, will construct 3-mi. line with concrete at Navy yard causeway and end at Maine St. dock of Monticello company.

FIRE ALARM SYSTEMS

SAN FRANCISCO, Contra Costa Co., Cal.—City council contemplates extensions of police and fire alarm systems in new residential tract.

LOS ANGELES, Cal.—Until 10 a. m. Aug. 11, bids will be rec. by P. A. Public Works, to fur. fire alarm boxes. Spec. on file at office of city electrician, 205 n. city hall annex.

FIRE EQUIPMENT

LAKEPORT, Lake Co., Cal.—Election will be held Aug. 2 to vote direct tax of \$5000 to finance purchase of fire engine and additional hose.

BERKELEY, Alameda Co., Cal.—Fire Chief G. Sidney Rose recommends that city council purchase of three fire trucks, two trucks and one chemical, referred to city manager John N. Eddy for report.

NATIONAL CITY, Cal.—Election will be held Aug. 28 to vote on \$1500 bond issue for fire equipment.

SAN GABRIEL, Cal.—Waterworks Supply Co., Wright & Callender Bldg., Los Angeles, awarded cont. by city trustees at \$130 ft. for 2½-in. bi-lateral fire hose with a guaranty of 6 years. Other bids were: Wash Fire Apparatus Co., \$90; J. and S. 110; \$120, \$135, \$140 ft.; J. B. Wood Tire Rubber Co., \$90 and \$1; Boston Woven Hose & Rubber Co., \$95; \$110; Pioneer Rubber Mills, \$10 and \$1.

HUNTINGTON PARK, Cal.—Council plans purchase of several hundred feet of 2½-in. fire hose and several hundred feet of 1½-in. fire hose.

RESERVOIRS AND DAMS

SANTA ANA, Calif.—See "Water-works," this issue.

MERCED, Merced Co., Cal.—Bent Bros., 418 South Pecan St., Los Angeles, at \$2,452,970 awarded contract by Merced Irrigation District to construct Exchequer dam and power house. Above bid does not include the furnishing of cement for the project, which will probably be furnished by the district.

SAN BERNARDINO, Cal.—Bids will be rec. at once by DeWitt & Blair Realty Co., 604 Union Bank Bldg., Los Angeles, to const. concrete core earth-fill dam, approx. 300 ft. high, at the mouth of the maximum point, to form an 8-acre lake, to be located at an elevation of 6800 ft. in the San Bernardino mountains about 9 miles from Elgin Lake, on the Rim of the World Rd. on the company's properties in Green Valley, San Bernardino county. Plans obtainable from John H. Blair, Union Bank Bldg., Los Angeles.

PIPE LINES, WELLS, ETC.

MONROVIA, Cal.—Bids rec. by city trustees for 10,000 ft. 6-in. screw and 10,000 ft. 8-in. riv. steel or Matheson pipe were:

Schedule A (6-in. std. screw 6-in. pipe)—Samuel Gerson Pipe, \$7550; tees, \$4; crosses, \$7.25; Mark-Lally Co., \$7550; tees, \$2; crosses, \$2.60; Crane Co.—Pipe, \$9564; tees, \$2.28; crosses, \$3.78; Associated Supply Co.—Pipe, \$10,550; tees, \$2.06 (cast iron); Crane Co.—Pipe, \$6976; tees, \$3.78; crosses, \$6.32.

Schedule A (alternate—6-in. Matheson joint pipe)—Kelly-Allen Co.—Pipe, \$8500; tees, \$7.65; crosses, \$10. Mark-Lally Co.—Pipe, \$8550; tees, \$12; crosses, \$10. Crane Co.—Pipe, \$6976; tees, \$3.78; crosses, \$6.32.

Schedule B (8-in. Matheson joint pipe)—Crane Co.—Pipe, \$10,725; tees, \$8.72; crosses, \$10.25. Kelly-Allen Co.—Pipe, \$10,000; tees, \$14.20; crosses, \$18.30.

Schedule C (alternate—8-in. riv. steel pipe)—Western Pipe & Steel Co.—Pipe, \$6500; tees, \$3.40; crosses, \$5.50. Associated Supply Co.—Pipe, \$7400; tees, \$3.87; crosses, \$6.57. Baker Iron Works—Pipe, \$7800; tees, \$5.20; crosses, \$8.35. L. A. Mfg. Co.—Pipe, \$7900; tees, \$5.10; crosses, \$8.25.

Schedule D (6-in. Cast Iron Pipe & Fdw. Pipe, 6-in. De Lavaud), \$8846; tees, \$10.50; crosses, \$13.50; (8-in. De Lavaud), pipe, \$12,639; tees, \$15.50; crosses, \$19.60.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Aug. 7, 9 a. m. bids will be rec. by S. A. Evans, city clerk, to fur. 6000 ft. 4-in. class B c.i. pipe, Bell & Spigot joints.

2500 ft. 6-in. class B c.i. pipe, Bell & Spigot joints.

2500 ft. 8-in. class B c.i. pipe, Bell & Spigot joints.

12 tees 4x4-in. 6 tees 8x4-in. 3 tees 6x6-in. and 3 tees 8x8-in. (all c.i. bell).

3 c.i. bends, 45 deg. and 3 bends, 8-in. 27½ deg.

Pipe to be not less than 12-ft. lengths. All to be delivered f. o. b. Santa Cruz. Cert. check 10% payable to city req. See call for bids under official proposal section in this issue.

SAN DIEGO, Cal.—Until 11 a. m. Aug. 4, bids will be rec. by supervisors for the following pipe and fixtures to be delivered to the county detention home, 1320 ft. cast iron pipe, 2-way fire hydrant and fittings, 7 2-in. gates, 100 ft. 2-in. galv. iron pipe, 3 1½-in. valves, 2-in. Mueller pressure regulating valve No. B 5010. Cert. check \$50. J. E. McLess, clerk.

LONG BEACH, Cal.—City Mgr. C. H. Windham will advertise for bids shortly to fur. water pipe totaling about \$200,000. This will be used for main extension and repair. In addition to this order the water dept. has filled with the city mgr. specifications for cast iron pipe costing \$52,000. Clark Shaw, chief engr. of the water dept.

SEWAGE DISPOSAL PLANTS

Reedley, Fresno Co., Cal.—City votes bonds of \$130,000 to finance sewage disposal plant. John S. Bates, engineer, Rowell Bldg., Fresno.

WATER WORKS

PITTSBURG, Contra Costa Co., Cal.—City council contemplates election to vote bonds of \$160,000 to finance water plant extensions to Creed subdivision; \$15,000 for extensions and \$1000 for meter installations.

SANTA ANA, Cal.—Walter Wray, water supt., recommends to council 50,000,000 gal. reservoir be const. to care for population of 100,000. At present time city has two reservoirs with a total capacity of 8,000,000 gals., or about 10 day's supply. The question will be considered further at the next meeting of the trustees.

BEVERLY HILLS, Cal.—Until Aug. 10, bids will be rec. by Salisbury, Bradshaw & Taylor, consulting engrs., 518 Mortgage Guarantee Bldg., Los Angeles, to fur. and lay about 4000 ft. 4-in. and 2000 ft. 6-in. water mains for the Beverly Corporation Tract, Beverly Hills.

SAN RAFAEL, Marin Co., Cal.—Directors of Marin Municipal Water Dist. contemplates election to vote bonds to finance construction of new distribution system. It is expected that approximately \$1000,000 will be expended in the work.

LOS ANGELES, Cal.—Until 10 a. m. Aug. 11, bids will be rec. by the public service dept., 207 S Broadway, for fire hydrants under spec. 726. Jas. P. Vroman, secretary.

OCEANSIDE, Cal.—Santa Fe Pipe & Supply Co., 1276 Willow St., Los Angeles, has contr. at approx. \$49,000 to lay several miles of new water mains for municipal water system. The Byron Jackson Pump Co. has the contract at \$1000 to install a force pump to serve those sections of the city system now being extended easterly to the Ellery & Amick lands.

LANKERSHIM, Cal.—The \$780,000 special bond election for a water system in the Lankershim district of the city will be held Sept. 16.

KELSO, Wash.—Until Aug. 12, 8 p. m. bids will be rec. by A. J. Branscom, city clerk, to const. extensions to water system involving installation of intake structure in Cowlitz river, a twin reservoir with combined capacity of 2,000,000 gals. and 5-mi. of water mains and appurtenances ranging from 4 to 48-in. dia. Cert. check 5% payable to city treasurer req. Plans obtainable from city clerk on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

CALEXICO, Cal.—Election will be held in September to vote \$35,000 bond issue for water system improvements. It is expected that the sum of \$17,000 is to be used in enlarging and extending the water mains and \$18,000 for increasing the capacity of the filters at the water plant.

VALLEJO, Solano Co., Cal.—Lester Canady has been appointed project engineer on the Gordon Valley water project for the city of Vallejo. Considerable preliminary work has already been done by Mr. Canady who has been associated with the project in the capacity of assistant engineer. A. Kempkey, Hobart Bldg., San Francisco, is chief engineer on the project.

VISALIA, Tulare Co., Cal.—Following low bids rec. by supervisors of Tulare and Kings counties to const. water system pipe line at Springville hospital:

Proposition (A) 7-in. galvanized std. pipe; (B) 8-in. black dipped standard pipe; (C) 7-in. Mathewson joint dipped or the same galvanized; (D) 7-in. riveted stick-slip joint pipe wrapped.

Proposition A—\$21,049.20, Earl Bowen, Strathmore, \$20,619.

Proposition B—\$19,043.04, E. W. Redman, Fresno, \$18,489.35.

Proposition C—\$25,278.70, E. W. Redman, Fresno, \$15,694.27 for galvanized and \$13,988.57 for dipped pipe.

Proposition D—\$13,361.16, Earl Bowen, Strathmore, \$12,683.
Other bidders were: National Cast Iron Pipe Co., San Francisco; Thomas Haverly, Los Angeles; U. S. Cast Iron Pipe & Foundry Co., San Francisco; E. R. Gurdy, Forterville, Griggs & Joyner, Merger, and J. F. Shepardson, Bakerville.

CROCKETT, Contra Costa Co., Cal.—Engineering Dept. of Port Costa Water Co. plans water main extensions in vicinity of Great Western sub-station at Crockett in addition to erecting several small or one large steel tank for storage purposes.

BEVERLY HILLS, Cal.—Until Aug. 10, bids will be rec. by Salisbury, Bradshaw & Taylor, consulting engs., 518 Morgan Guaranty Bldg., Los Angeles, to fur. and lay about 4000 ft. 4-in. and 2000 ft. 6-in. water mains for the Beverly Corporation Tract, Beverly Hills.

PLAYGROUNDS AND PARKS

MARYSVILLE, Yuba Co., Cal.—City council approves plans of McMorrie-McLaren Co., San Francisco landscape engineers, for beautification of Ellis Lake.

TAFT, Kern Co., Cal.—Until 7:30 p. m., Aug. 5, bids will be rec. by Bd. of Trustees of School District to const. two asphalt-conc. tennis courts, two asphalt-conc. basketball courts, and approx. 1580 ft. of Standard Fence Co. Cyclone fence. Cert. check 10%. J. C. Ramsey, clerk, box 129, Taft.

MARYSVILLE, Yuba Co., Cal.—City council will provide \$5000 in budget for landscape work at Ellis Lake. Geo. W. Richards, city clerk.

SEWERS & STREET WORK

SANTA MONICA, Cal.—Chas. T. Richardson, 525 E. Hay St., Santa Barbara, has insured low bid supervisors at \$12,500 to pave Hope Ave., bet. n. end of present paving and Pueblo line, also portion of Pueblo Ave., bet. Central and Hope Aves., involv. grading, pave and constructing necessary drainage structures. Other bids were: A. J. Grier \$13,400; A. L. Pendola, \$19,360.

BURBANK, Cal.—Until 7:30 p. m., Aug. 12, bids will be rec. by the city clerk to imp. following streets:
Cedar Ave., bet. Victory Blvd. and Main St., approx. 10000 ft., grading, paving with oil macad., cem. curbs, sidewalks.

Tujunga Ave., bet. Lake and Main Sts., approx. 1300 lin. ft. involv. cem. walks, curbs, oil macad. paving.
Pass Ave., bet. Magnolia Ave. and Clark Ave., approx. 1300 lin. ft., involv. grading and paving with oil macad.

San Jose Ave., bet. San Fernando Blvd. and 4th St., approx. 1000 ft., involv. grading, paving with oil macad., curbs, sidewalks.

Plans on file at office of city engt., Arthur J. Rose. Cert. check or bond 10% F. S. Webster, city clerk.

SAN RAFAEL, Marin Co., Cal.—Petitions are being circulated requesting supervisors to const. permanent conc. highway bet. Manor and Pt. Reyes Station and permanent highway bet. Manor and White's Hill. J. C. Oglesby county surveyor.

MARYSVILLE, Yuba Co., Cal.—City council will provide \$25,000 in budget to resurface and widen portions of 5th St., pave street intersections and portions of Maple, Orange, Lemon, G. H. and I Sts. Geo. W. Richards, city clerk.

FRESNO, Fresno Co., Cal.—Thompson Bros. H. and Divisadero Sts., Fresno, awarded cont. by council to const. 6-in. vit. clay pipe lateral sewer from Block 1, Belmont addition, to pt. 350 ft. north at \$7.5 ft. complete; one manhole \$65.

MOUNT VERNON, Wash.—Romano & Co., 133 23rd St. south, Seattle at \$238, 880.24 submitted low bid to county commissioners to const. 7½-miles of conc. pavement on Wickersham road. Thorsvig and Reffness, next low, at \$243,084.87. Taken under advisement.

SANTA ANA, Cal.—Until 11 a. m., Aug. 12, bids will be rec. by supervisors to imp. Garden Grove Ave. and portions of other county highways involv. grading, graveling and other incidental work. J. L. McBride, county road commissioner.

LOS ANGELES, Cal.—Griffith Co. 502 L. A. Ry. Bldg., submitted only bid to Bd. Pub. Wks. to imp. Fifth St., betw. Grand Ave. and Flower St., involv. 37,700 sq. ft. grade and pave with 7-in. bitum. base pavement 24c sq. ft.; 100 sq. ft. 6-in. cem. conc. 26c sq. ft.; 1200 sq. ft. bitum. base pavement of varying thickness 20c sq. ft.; 1800 ft. curb 65c ft.; 425 sq. ft. cem. walk 22c ft.; 1600 sq. ft. conc. gutter 26c ft.; one manhole two catch basins and 40 ft. 12-in. cem. pipe, \$450 complete; 104 ft. 2-in. sheridized conduit at 60c ft.

OAKLAND, Cal.—County Surveyor Geo. A. Posey instructed by supervisors to prepare spec. for new conc. pipes through Niles Canyon from Niles to Pleasanton; est. cost \$250,000.

HUNTINGTON PARK, Cal.—City trustees rescind sewer cont. awarded to Joe Chutuk to const. units 1 and 2 of outfall sewer. The contractor failed to sign the contract within the allotted period.

GLENDORA, Cal.—Martin D. Jones, Baldwin Park, awarded the cont. by city trustees at approx. \$18,350 to imp. Glendora Ave., bet. Ada Ave. and the s city limits, involv. grading, 4-in. oil macad., gutters, curbs, cem. walks, cem. channels for drainage purposes, conc. pipe drain.

CULVER CITY, Cal.—Until 8 p. m., Aug. 4, bids will be rec. by the City Clerk, N. E. Haus, to const. complete lateral sewer system in Imp. Dist. No. 12, connecting with the Los Angeles outfall. Bonds in the sum of \$75,000 voted for the work and are obtainable upon payment of \$10. Koenig & Koenig, Title Insurance Bldg., Los Angeles, engineers.

HUNTINGTON BEACH, Cal.—City trustees declare inten. to imp. Orange Ave., bet. Lake Ave. and 23rd St., involv. grading, 2-in. Topeka paving on 4-in. asph. conc. base, corr. iron culverts, cem. conc. headwalls, ornam. lighting system, curbs, walks; 1915 imp bond act; 1911 street act. Protests August 4.

SAN BERNARDINO, Cal.—Until 11 a. m., Aug. 4, bids will be rec. by supervisors to imp. Riverside Dr., bet. point 10,689.5 ft. east of Euclid Ave., involv. grading, 6-in. macad., 4-ft earth embankments or shoulders, of gravel and oil wearing surface, conc. and corr. iron culverts, cem. conc. headwalls, conc. toe walls. County will pay \$10,000 of cost, balance to be represented by bonds. R. D. I. No. 27, James W. Cole has been appointed supt. of this work. Harry L. Allison, clerk of the board.

OAKLAND, Cal.—County supervisors, Geo. Gross, clerk, authorize County Surveyor Geo. A. Posey to prepare spec. to pave Byron Bethany road; approx. 4 mi. in length connecting Contra Costa county with state highway leading to Stockton.

NAPA, Napa Co., Cal.—Until Aug. 12, 10 a. m., bids will be rec. by James A. Daly, county clerk, to const. 142-mi. of Atlas rd. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Builders' Exchange, San Jose, (46 Kearny St., San Francisco), awarded cont. by council to improve St. James St., bet. 11th and 17th Sts., except intersections of 12, 13, 14, 15, 16th Sts., involv. grading and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curb and gutter.

Raisch also awarded cont. to imp. Vine St., bet. Park Ave. and San Carlos St., involv. grade and pave with 2-in. Durite asph. conc. surface on ¾-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters.

SAN GABRIEL, Cal.—Until 7:30 p. m., Aug. 12 new bids will be rec. by the city trustees to imp. Broadway bet. Santa Anita St. and San Gabriel Blvd., approx. 4870 lin. ft. involv. 5-ft. sidewalks; class B curbs; 1-in. oil macad. pavement. Previous proceedings were erroneous. Cert. check 10%. Ira H. Stouffer, city clerk.

SANTA ANA, Cal.—Lawrence Massa, Rte. 12, box 80-B, Huntington Park, awarded contract by city trustees at \$13,328 to const. sewer in McFadden Street.

SAN MATEO, San Mateo Co., Cal.—City council, E. W. Foster, city clerk, declares inten. (No. 24-5) to imp. 3rd Ave., bet. El Camino Real and A St., and El Camino Real and A St., involv. removal of present and const. new curb and gutter; pave with 1½-in. asph. wearing surface on 4-in. vit. lateral sewers; const. catchbasins; extend 10-in. pipe storm drain. 1911 Act & Bond Act 1915. Protests Aug. 18, C. F. Price, city eng.

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NAPA, Napa Co., Cal.—City council, H. L. Thompson, clerk, declares inten. (No. 517) to imp. Elm St. bet. Coombs and Jefferson Sts., involv. grading; concrete curbs, pave with 2-course asphalt macadam 39-ft. wide including alley terminations, 8-in. vit. sewers with 12-in. wye branches; flushing hole, br. manhole, 12 foot high side sewers; conc. catchbasin; 4-in. cl. water pipe, 1911 act. Protests Aug. 11. H. A. Harrold, city eng.

WHITTIER, Cal.—Ralph E. Welch, Anaheim, submitted low bid to city trustees to imp. alley bet. Bright and Greenleaf Aves. from Broadway to Camilla St., involv. grading 56 sq. ft.; 3-in. conc. pavement 222 sq. ft.; curb, 500; retaining wall, \$76 and \$37; hse. sewers 706 ft.

Ralph E. Welch low bidder to imp. Acacia Ave. bet. Turnbull Dr. and Broadway, involv. grading 36 sq. ft.; 6-in. conc. pavement 236 sq. ft.; curb 516 ft.; walk 196 sq. ft.; hse. sewers 706 ft.

ANTIOCH, Contra Costa Co., Cal.—Town trustees, J. C. McElheney, clerk, declare inten. (No. 44-a) to imp 10th St., bet. G and Diamond Sts., and H St. bet. 9th and 10th Sts., involv. grading; 5-in. Port. cem. conc. pavement; conc. curbs; 8x24-in. semi-circular conc. iron culverts; 1911 Act and Bond Act 1915. Protests Aug. 11.

SANTA MONICA, Cal.—Council declares inten. to imp. Broadway bet. Ocean Ave. and Ninth St., involv. grade pave with 1½-in. Warrenite-bitul. paving on 2½-in. asph. conc. base, walks, curbs, corr. iron culv., reinf. conc. inlets and outlet boxes, 12-in. and 24-in. vit. pipe storm sewer, cast iron covers, culverts, etc., orn. lighting system, involv. cem. conc. posts, conduits and appliances; cast iron pipe main; for domestic and fire supply, with 2-in. hse. services; 1911 act. Howard B. Carter, city engr.

VALLEJO, Solano Co., Cal.—City Eng. T. D. Kilkenny preparing spec. to pave Louisiana St., bet. Monterey St. and Southern Pacific right of way.

SAN FRANCISCO—Jas. H. Smith, 715 Ocean Ave., at \$5735 awarded contract by Board of Public Works to construct concrete parapet roadway at Sutro Heights Park.

LOS ANGELES, Cal.—Until 2 p. m., Aug. 11, bids will be rec. by supervisors to imp. Garvey Ave., bet. New Ave. and the Lexington-Gallatin Rd. 18,590 ft. or 3.52 mi., involv. 25,646 cu. yds. excav.; 63,327 cu. yds. conc. pavement; 45,677 sq. yds. d. g. sub-base; two culverts; 18,580 lin. ft. shaping shoulders. County furnishes 17,222 bbls. cem.; 714 tons sand; 14,233 tons gravel; 2 o. b. El Monte. Est. contr. price, \$12,076.10. Average haul, 3 mi. from El Monte on the Pac. Elec. Ry. R. D. I. No. 263.

Until 2 p. m., Aug. 11, bids will be rec. to imp. Hardy St., bet. Hawthorne Ave. and Prairie Ave., 2555 ft. or .49 mi under County Imp. No. 71, involv. 4289 cu. yds. excav.; 11,694 sq. ft. curb; 3255 ft. curb; 12,126 sq. ft. walk; 9116 sq. yds. National pavement put; 9116 sq. yds. asph. conc. base. Average haul, 10 mi. from Torrance. Est. contr. price, \$38,865.25. Mame B. Beatty, clerk of the board.

FAIRFIELD, Solano Co., Cal.—Until Aug. 11, 11 a. m. bids will be rec. by G. D. Halliday, county clerk, to grade and pave portion of county rd. No. 78 from Rd. 78 in Cordelia east approx. ¼-mi. and portion of Rd. No. 76 from West limits of Suisun City west approx. ½-mi. to junction of county rd. No. 115. Cert. check 10% payable to D. M. Fleming, chairman of Board of Supvs. req. F. A. Steiger, county surveyor.

SAN MARINO, Cal.—City trustees declare inten. to imp. Santa Anita Rd., bet. California St. and city boundary, involv. grading, oil macad. pavement, conc. curb, gutter, reinf. conc. culv.; 1911 act. H. W. Joyce, city clerk.

SAN FRANCISCO—City Architect John Reid, Jr., recommends to supervisors \$10,000 appropriation to finance const. of walks through grounds of Tuberculosis Sanitarium which the city will build in the hills near Redwood City, San Mateo County.

WASHINGTON STATE—L. Caluccio, \$173,956 awarded cont. by State Highway Commission to grade, drain and conc. pave 5.5-mi. of state rd. 3, bet. Buena and Granger, Yakima county. Morrison-Knudsen, Boise, Idaho, \$224,775 awarded cont. to clear, grade and drain 14.2-mi. state rd. 1, bet. King county line and Everett, Snohomish county.

A. L. Clark, Tacoma, \$27,745 awarded cont. to grade, drain and conc. pave 6-mi. state rd. 1, La Grater bridge approaches, Clarke county.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 18, bids will be rec. by Bd. Pub. Wks. to imp. Banning Blvd., betw. Anaheim and E Sts., and portions of other streets, involv. grading (about 800,000 cu. yds. fill) and construction of cem. pipe san. sewer; 1911 act. The contract for dredging in the harbor adjacent to this improvement calls for 2,500,000 cu. yds. material to be removed. Of this amount, 800,000 cu. yds. will be used for fill on the Banning Blvd. job.

LONG BEACH, Cal.—B. W. Hicks, 2364 Atlantic St., Long Beach, awarded cont. by council at \$28,844 to construct reinf. conc. retaining wall complete in Allen St., bet. 39th Pl and Termino Avenue.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Aug. 18, 7 p. m., bids will be rec. by Daniel McSweeney, city clerk, to const. sewer in Butler Ave., involv. 24x36 in. Monolithic conc. sewer with some vit. pipe sewer. Approx. cost \$50,000. Plans on file in office of clerk. Geo. A. Kruse, city engineer.

SANTA ANA, Cal.—Lawrence Massa, Rte. 12, box 80-B, Huntington Park, awarded cont. by city trustees at \$11,828 to const. sewer in McFadden St., bet. Halladay and McClay Sts., etc., involv. 28x48 ft. trench, furnish and lay vit. main sewer pipe at \$1.10 ft.; 4576.53 lin. ft. 12-in. trench, furnish and lay 12-in. main sewer pipe at 85c ft.; 2635.22 lin. ft. trench, furnish and lay 12-in. main sewer pipe at 85c ft.; excav. and constr. of 30 manholes at \$95 each.

NATIONAL CITY, Cal.—Until 8 p. m., Aug. 5, bids will be rec. by city trustees to imp. 18th St., bet. F and Granger Aves., etc., involv. bitum. macad. pavement. O. A. Mullen, city clerk.

SAUSALITO, Marin Co., Cal.—J. A. Dowling, Call Bldg., San Francisco, at \$165,831 submits low bid to town trustees to imp. various sts., involv. 36,000 cu. yds. excavation; 4200 cu. yds. conc. pavement; 5-in. thick; 100 cu. yds. conc. in culverts, stairways and headwalls; 2500 lin. ft. conc. curb and gutter; 80,000 sq. ft. bituminous macadam pavement; 5000 lin. ft. grouted rock curb and gutter; 100 cu. yds. grouted rubble masonry walls; 93,800 sq. ft. local macadam avement, 4-in. thick; 1200 lin. ft. 12-in. 60 lin. ft. 36-in. and 12 lin. ft. 36-in. corr. iron culverts; 170 lin. ft. 8-in. 250 lin. ft. 12-in. 800 lin. ft. 36-in. conc. pipe; 8 catchbasins; 2 drop inlets. 1911 Act & Bond Act 1915. Other b'ds. all under advisement, were: Christiansen Const. Co. \$107,432 Calbraith & Janney 157,517 Blumenkranz & Vernon 181,796 Downer & Mero 182,227 Jasper-Stacy Co. 200,252 J. Howard and Peterson 200,252 neers, 24 California St., San Francisco, estimated work to cost \$203,453.

RIVERSIDE, Cal.—City council appropriated \$15,000 toward imp. of 18th in Victoria Ave. section. The total cost of the proposed work is estimated at \$21,000. 5-in. oil macadam pavement, 18 ft. wide. z

TORRANCE, Cal.—City Engr. Jessup instructed to prepare spec. to pave all alleys in housing area, as residents' petitions. Petition filed calls for pavement.

PETALUMA, Sonoma Co., Cal.—Until Aug. 4, 8 p. m., bids will be rec. by G. V. Hill, city clerk, to imp. Edith St., bet. Madison and Washington Sts., involv. grading; const. curbs and gutters; oil macadamizing. 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Plans on file in office of clerk.

LONG BEACH, Cal.—Until 9:30 a. m., Aug. 5, bids will be rec. by council to improve:

Alleys of Grand Ave., extending north from Broadway, bet. Broadway & Vista St., 6-in. conc. pavement.
Alleys of Lewis Ave., extending n from 17th St., bet. 17th St. and State St., 6-in. conc. pavement.
Virginia Ave., bet. First St. and Ocean Blvd., 6-in. asph. conc. pavement, class B; curb; gutter; walks.
Alleys of Louisa St., extending n from 16th St., bet. 16th St. and first alley north, 6-in. conc. pavement.
Alley e of Dawson Ave., extending n from 8th St., bet. 8th and 10th Sts., 6-in. conc. pavement. 1911 act. R. D. Van Alstine, city engr.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 11, bids will be rec. by Bd. Pub. Wks. to improve:

Wilcox Ave., bet. Hollywood and Sunset Bldvs., involv. 1065 sq. ft. asph. paving; 61,332 sq. ft. 6-in. conc. paving; 1635 sq. ft. 6-in. bitum. base paving; 25,646 sq. ft. 6-in. bitum. base; 110 sq. ft. gutter; 90 ft. hse. sewers; reinf. conc. culv.

Alley e of Central Ave., bet. 45th and 50th Sts., involv. 752 sq. ft. 5-in. conc. pavement; 54 ft. curb; 25 sq. ft. walk; 352 sq. ft. remod. oiled surface.

Alley w of Wall St., bet. 60th and 61st Sts., involv. 4112 sq. ft. 5-in. conc. paving; 168 sq. ft. remod. oiled surface.

Dryden Pl., bet. London and Temple Sts., involv. 15,372 sq. ft. 5-in. conc. paving; 29 ft. curb.

COLUSA, Colusa Co., Cal.—Until Aug. 4, 8 p. m., bids will be rec. by B. L. McCue, city clerk, to const. sidewalks in w side 9th St., bet. Market and J. and e side 10th St., bet. Market and J. Sts. and curbs and gutters in w side 9th St., bet. Market and J. Sts. Spec. on file in office of clerk.

SANTA MONICA, Cal.—Council petitioned to const. storm drain in east section of Santa Monica. Proposed that drain be extended to 26th St. Referred to public works dept. Howard B. Carter, city engineer.

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SALINAS, Monterey Co., Cal.—City engineer, Horace J. Cozens, preparing spec. for sewer extension in Acacia St. The order for plans for the Oak St. sewer was rescinded.

OAKLAND, Cal.—Until Aug. 7, 12 M. bids will be rec. by Eugene K. Sturgis, city clerk, to const. sewer with manhole, lamphole and wye branches in portions of Florida St. 1911 Act. Cert. check 100% payable to city of W. V. Harmon, city engineer.

SANTA BARBARA, Cal.—City engr. Geo. D. Morrison presents to council his report on outfall sewer project. Estimates of the cost of various portions of the work are: \$39,155 for new intercepting sewers; \$65,015 pump and intercepting plant; \$291,690 for outfall sewer line from the plant to a point beyond the kelp beds; \$500 removing old equipment; incidentals, about \$6000

MERCED, Merced Co., Cal.—City trustees, W. W. Cornell, clerk, declare inten. (No. 364) to imp. portions of G and 18th Sts., involv. const. conc. walks 4-in. thick, w. 1-in. wide, 1911 Act. Protests Aug. 18.

SOUTH PASADENA, Cal.—Until 5 p. m., Aug. 1, bids will be rec. by city p. m. to imp. Milan and Lemon Sts., involv. 176,500 sq. ft. macad. 18,500 sq. ft. cem. gutter; 1842 ft. 6-in. cast iron; water pipe; 1280 ft. 4-in. water pipe; sewer laterals; 400 sq. ft. cem. walks. Cert. check 100%. 1911 Act.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 18, bids will be rec. by Bd. Pub. Works to imp.:

Alley w. of McKinley Ave., bet. 39th and 40th Sts., 2931 sq. ft. 5-in. conc. paving; 14.8 ft. curb; 29 sq. ft. walk. gutter; w. of South Park Ave., bet. 48th and 49th Sts., 4762 sq. ft. 5-in. conc. paving; 14.3 ft. curb; 392 sq. ft. remod. oiled surface.

Alley s. of Vernon Ave., bet. Vermont and Kansas Aves., 11,610 sq. ft. 6-in. conc.; 40 sq. ft. walk; 14.1 sq. ft. remod. oiled surface.

Alley sw. of 23rd St., bet. San Pedro and Trinity Sts., 9913 sq. ft. 5-in. conc. paving; 54 sq. ft. remod. oiled surface.

Alley w. of Woodlawn Ave., bet. Miles and 42nd Sts., 12,814 sq. ft. 5-in. conc. paving; 242 sq. ft. remod. oiled surface.

Alley n.w. of Main St., bet. 33rd and Jefferson Sts., 3612 sq. ft. 6-in. conc. paving; 14 ft. curb; 15 sq. ft. walk; 58 sq. ft. remod. oiled surface.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 18, bids will be rec. by Bd. Pub. Wks. to imp. Banning Blvd., bet. Anaheim and E. streets, and portions of other streets, involv. grading (about 800,000 cu. yds. fill) and construction of cem. pipe san. sewer; 1911 Act. The contract for dredging in the harbor adjacent to this improvement calls for 2,500,000 cu. yds. material to be removed. Of this amount, 800,000 cu. yds. will be used for fill on the Banning Blvd. job.

ANAHEIM, Cal.—Councilmen of Anaheim, Fullerton, Santa Ana and Orange, sitting as the joint outfall sewer committee July 25, informally accepted agreements from Placentia and Garden Grove for participation in the outfall. Each will contract for 2½ per cent. of the sewer capacity. La Habra is seeking 5 per cent and Buena Park 1½ per cent.

GLENDALE, Cal.—W. F. Hanrahan, Cal. Bids., San Francisco, awarded contr. by council at \$267,732 to imp. Central Ave., San Fernando Rd., Eulalia St., Laurel St., etc., involv. 1025 sq. ft. 1½-in. Warrenite-bitul. pavement on 8-in. asph. conc. base, and other incidental items.

C. L. Hill, 320 Vine St., Glendale, awarded contr. at \$11,625 to imp. Tyler St., Green St., Palmer Ave., etc., involv. 42,200 sq. ft. 5-in. oil macad. and other incidental items.

E. L. Fleming, 324 Dryden St., Glendale, awarded contr. at \$34,394 to imp. Sierra Ave., Glenoaks Blvd., Hill Dr., Merrill Ave. and Sycamore Canyon Rd., involv. 132,300 sq. ft. 5-in. oil macad. pavement and other incidental items.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares inten. (No. 741) to imp. Bonnie Lane and N. Commerce St., bet. Alpine and Fulton Ave. and Knolls and Pacific Ways and Euclid Ave., bet. Lower Sacramento Rd. and east boundary of Pacific Manor, involv. grading; const. comb. curbs and gutters; const. walks; pave with 4-in. cementing gravel base with 2-in. asph. macadam surface; also portions of Lower Sacramento rd. involv. grading; const. comb. curbs and gutters; const. walks; pave with 2½-in. cementing gravel base, 2½-in. asph. conc. base and 2-in. asph. conc. wearing surface; portions of Fulton St., const. comb. curbs and gutters; const. walks; portions of Alpine Ave., involv. grading; const. comb. curbs and gutters; const. walks. 1911 Act & Bond Act, July 25 Aug. 11. W. B. Hogan, city engineer.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Ninth St., bet. Vermont Ave. and Harvard Blvd., involv. 552 sq. ft. asph. paving (1-in. surface on 3-in. bit. base); 648 sq. ft. 5-in. conc. paving; 142,768 sq. ft. Warrenite-bitul. paving (5-in. base, paint-binder and ½-in. surface); 828 ft. curb; 1065 sq. ft. walk; 7781 sq. ft. gutter; 3670 sq. ft. bitum. base paving; storm sewer; 8 No. 18 catch basins; 4 catch basins to be removed; 100 ft. 12-in. vit. pipe; san. sewer; 210 ft. 8-in. pipe; one No. 2 flush tank; 210 ft. hse. sewers; catch basins, were:

L. A. Paving Co.—\$3300 grading (lump sum); 26.5c asph. paving; 26.5c conc. paving; 29c Warrenite-bitul. paving; 75c curb; 25c walk; 34c gutters; \$2 hse. sewers; \$2000 catch basins; \$2000 sq. ft. bitum. base paving.

Geo. H. Oswald—\$8100 grading; 26c asph. paving; 26c conc. paving; 29.8c Warrenite paving; 75c curb; 22c walk; 27c gutter; \$675 san. sewer; \$2 hse. sewer; \$700 catch basins; 12c bitum. base paving.

Warren Constr. Co.—\$8250 grading; 25c asph. paving; 25.5c conc. paving; 20c Warrenite paving; 75c curb; 22c walk; 30c gutter; \$300 san. sewer; \$1.75 hse. sewers; \$750 catch basins; 10c bitum. base paving.

RIVERSIDE, Cal.—Council declares inten. to imp. Victoria Ave., bet. the end of Victoria bridge and west city limits, Van Buren St., bet. Sufferin Ave. and Magnolia Ave., etc., involv. grad-

ing, macad. paving, drainage structures, conc. fords, culverts; 1911 act. C. B. Burns, city clerk.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Ave. 60 bet. Hillman Ave. and Monterey Rd., involv. 75,151 sq. ft. 6-in. conc.; 17,248 sq. ft. oil and roll; 4618 ft. curb; 22,925 sq. ft. walk; 2316 sq. ft. gutter; san. sewer; 597 sq. ft. remod. oiled surface; storm drain, were:

Geo. J. Bock—\$14,600 grading (lump sum); 27.6c conc. paving; 7c oiling and rolling; 70c curb; 21.5c walk; 34c gutter; \$300 storm drain; \$7500 san. sewer; 12c remod.

C. E. Green—\$13,509.50 grading; 23c conc. paving; 15c oiling; 60c curb; 22c walk; 40c gutter; \$364 storm drain; \$5510.30 san. sewer; 15c remod.

Hall-Johnson Co.—\$8000 grading; 23.5c paving; 7c oiling; 65c curb; 21c walk; 30c gutter; \$375 storm drain; \$7750 san. sewer; 10c remod.

W. D. McCray—\$3300 grading; 23c paving; 7c oiling; 70c curb; 20c walk; 30c gutter; \$280 storm drain; \$6800 san. sewer; 10c remod.

John McNamee—\$5000 grading; 22c paving; 7c oiling; 60c curb; 20c walk; 27c gutter; \$330 storm drain; \$7400 san. sewer; 7c remod.

Chas. T. Salata—\$10,000 grading; 24c paving; 7c oiling; 70c curb; 22c walk; \$3210.30 san. sewer; 15c remod.

E. Schelling—\$10,000 grading; 23c paving; 7c oiling; 70c curb; 21c walk; 32c gutter; \$500 storm drain; \$9000 san. sewer; 7c remod.

SANTA ANA, Cal.—Supervisors declare inten. to imp. West 17th St., bet. Santa Ana and Westminster, about 5 mi. (18-ft. roadway), involv. grading, 7-in. to 9-in. cem. conc. pavement, gravel surfacing, corr. iron culverts, reinf. conc. headwalls, vit. sewer pipes, manholes, junction boxes, drainage sewers, etc.; R. D. I. No. 31. Est. cost, \$130,000. J. L. McBride, county road commissioner.

ARTESIA, Cal.—Property owners along main highway through Artesia have agreed to install curbs and gutters bet. Olive St. and the Pac. Elec. tracks. The county road dept. will macadamize the shoulders on each side, making a 60-ft. street from curb to curb.

PERRIS, Cal.—City Engr. preparing plans to pave main highways through Ferris.

Barber Greene Model 42 Loader



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Building & Engineering News

WASHOE COUNTY, Nevada—Ist
Const. Co., Box 584, Fresno, Cal.,
\$101,437.86 awarded cont. by St.
Highway Commission to grade &
const. culverts bet. .52-mi. east
Nevada-California state line and 2
east of Verd. Bids of Simpson Br.
Sacramento, low bidders at \$84,590,
jected. Wm. Hoops, Halleck, Nev.
only other bidder at \$103,430.06.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3241	R. C. Archbishop	Leonard	12000
3242	Hansberg	O'Connor	3000
3243	Holmgren	Owner	6000
3244	Crowley	Kemphorne	1760
3245	Donnelly	Reed	3800
3246	Graham	Horner	1000
3247	Moll	Owner	2000
3248	Cramerding	Owner	3700
3249	Harris	MacMillan	5000
3250	Nodatter	Willes	2000
3251	Lang	Owner	12000
3252	Escoslos	Lindberg	28860
3253	Pacific	Radelinger	49950
3254	Gingul	Reeves	1240
3255	Lannes	Beetham	2000
3256	Lannes	Beetham	2115
3257	Grannis	Owner	20000
3258	Lynch	McFarland	11750
3259	Dahlberg	Owner	8000
3260	Hall	Hamil	16000
3261	Dahlberg	Owner	8000
3262	Warehouse	Wagner	10000
3263	Shanghai	Owner	2000
3264	Kiellger	Mager	2300
3265	Klute	Varney	6800
3266	Greenfield	Federal	1000
3267	Carty	Meyer	4000
3268	Serrano	Owner	2000
3269	Broadwell	Coburn	2000
3270	Brown	Hallgren	8800
3271	Margetts	Federal	1500
3272	Johnson	Johnson	2500
3273	Nelson	Owner	3000
3274	Bonachio	Sciocchetti	1500
3275	Haus	Owner	70000
3276	Hopkins	Barrett	4000
3277	Maritz	Klyce	9000
3278	Holland	Littlepage	15000
3279	Podesta	Gillogley	2950
3280	Zaminet	Owner	2000
3281	Stefan	Owner	17000
3282	Mullani	Holt	148428
3283	Medico	Moore	33572
3284	Medico	Moore	14271
3285	Martens	Meinberger	5735
3286	Donnelly	Reed	7000
3287	Laib	Buschke	6500
3288	Martorella	Cuneo	6000
3289	Tichenor	Jones	2000
3290	Haus	Owner	5000
3291	Nelson	Owner	16000
3292	Same	Same	44000
3293	Same	Same	3000
3294	Gorham	McCarthy	7000
3295	Holthe	Owner	28000
3296	Meyer	Owner	21000
3297	Same	St me	3000
3298	Gunn	Nielsen	2500
3299	Calcone	O'Connor	10500
3300	Nelson	Owner	15135
3301	Binner	Wengard	4495
3302	Gorham	McCarthy	1000
3303	Hollnagel	Owner	2000
3304	Lundquist	Merritt	1500
3305	Buckingham	Merritt	1500
3306	Nelson	Owner	11400
3307	Leigh	Owner	3500
3308	Nelson	Owner	3800
3309	Janssen	Owner	21000
3310	Janssen	Owner	14000
3311	Molakidis	Owner	12000
3312	Battersby	Owner	6000
3313	Whitcomb	Owner	4000
3314	Strand	Owner	7000

LAUNDRY

(3241) BAY VIEW AND NEWHALL.
One-story concrete laundry.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—None.
Contractor—John J. Leonard, 180 Jessie St., San Francisco. \$12,000

DWELLING

(3242) N WILDE AVE 120 W Gerard.
One-story and basement frame dwelling.
Owner—Oscar Hansberg, 71 Wheat St., San Francisco.
Designer—Edward J. O'Connor, 346 Woolsey St., San Francisco.
Contractor—Edward J. O'Connor, 346 Woolsey St., San Francisco. \$3000

FLATS

(3243) W ELEVENTH AVE 50 S California. Two-story and basement frame (2) flats.
Owner—Karl Holmgren, 726 5th Ave., San Francisco.
Architect—None. \$6000

ALTERATIONS

(3244) N CLEMENT 77-8 E Twenty-seventh Ave. Raise and remodel dwelling.
Owner—Timothy Crowley.
Architect—None.
Contractor—A. H. Kemphorne, 1660 48th Ave., San Francisco. \$1760

DWELLING

(3245) W FORTY-SIXTH AVE 180 S Balboa. One-story and basement frame dwelling.
Owner—M. L. Donnelly, Box E, Carmel, Calif.
Architect—F. Carroll Reed, 683 7th Ave. San Francisco.
Contractor—F. Carroll Reed, 683 7th Ave., San Francisco. \$3800

SHED

(3246) E TENNESSEE 150 S Twentieth. One-story frame wagon and coal shed.
Owner—Graham Fuel & Drayage Co., 22nd and Minnesota Sts., S. F.
Architect—None.
Contractor—K. Horner, 997 Tennessee St., San Francisco. \$1000

DWELLING

(3247) S JUDSON 150 W Edna. One-story and basement frame dwlg.
Owner—S. Moll, 540 Laidley St., S. F.
Architect—None. \$2000

DWELLING

(3248) E MADRID 250 N France. One-story and basement frame dwlg.
Owner—H. G. Cramerding, 356 Sanchez St., San Francisco.
Architect—None. \$3700

STORES

(3249) S OCEAN AVE 230.14 W Ash-ton. One-story and basement frame stores.
Owner—Miss M. Harris, 628 Lake St., San Francisco.
Architect—None.
Contractor—R. S. K. MacMillan, 2641 Howard St., S. F. \$5000

DWELLING

(3250) E NAPLES 350 N Russia. One-story and basement frame dwlg.
Owner—John Nodatter, 790 Naples St., San Francisco.
Plans by Contractor.
Contractor—Geo. Willes, 620 Eddy St., San Francisco. \$2000

DWELLINGS

(3251) E LINAIRE AVE 160 and 200 S Ortega. Two one-story and basement frame dwellings.
Owner—Lang Realty Co., 219 First National Bank Bldg., S. F.
Architect—H. Stoner, 219 1st National Bank Bldg., S. F. \$6000 each

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FLATS
S FILBERT 175 E Polk. Two-story and basement frame (2) flats.
 Owner—Mrs. J. E. O'Donnell, 825 Monadnock Bldg., S. F.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
 Contractor—E. J. Wade, — Fulton St., San Francisco. \$10,000
 NOTE—Recorded contract reported July 22, 1924, No. 3190.

RESIDENCE
(3252) N FOURTEENTH 50 W Belcher
 N 100xW 50. All work for two-story frame residence.
 Owner—Jean Escobos, 5498 Mission St., San Francisco.
 Architect—Perseo Righetti, 12 Geary St., San Francisco.
 Contractor—G. Lindberg, 1 Naylor St., San Francisco.
 Filed July 24, '24. Dated July 21, '24.
 2nd floor joists\$5400
 Frame up 5400
 Brown coated 5400
 Completed and accepted 5400
 Usual 35 days 7200
TOTAL COST, \$28,860
 Bond, \$14,400. Sureties, H. W. Larsen and Gus Lindberg. Limit, 90 days. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.
(3253) N BUSH 108 W Kearny. Electrical work for main office building (6 story and basement building).
 Owner—The Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
 Architect—Bliss & Paville, Balboa Bldg., San Francisco.
 Engineer—E. V. Cobby.
 Contractor—Radclinger Bros., 142 4th St., San Francisco.
 Filed July 24, '24. Dated July 19, '24.
 On list of each month 75%
 36 days after 25%
TOTAL COST, \$49,950
 Bond, \$24,975. Surety, Hartford Accident & Indemnity Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

HEATING, ETC.
(3254) W FRANKLIN 125 N Chestnut
 N 37-6 x W 100. All work for steam heating and oil burning equipment for building.
 Owner—Cesest Gingi.
 Architect—Richard R. Irvine, Call Bldg. San Francisco.
 Contractor—Reeves Heating Co.
 Filed July 24, 1924. Dated June 25, 1924.
 Monthly as work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$1240
 Bond, \$620. Sureties, M. J. Reeves and Marie J. Reeves. Forfeit, none. Limit, 90 days. Plans and specifications filed.

MOVING
(3255) FROM 1027-29 CLAY TO S Clay
 28 W Tay W 28xS 71-6. All work for moving 2-story frame flat bldg.
 Owner—John B. and Rose Lannes, 1027 Clay St., S. F.
 Architect—Charles E. Gottschalk, Pheasant Bldg., S. F.
 Contractor—A. H. Beetham, 3555 18th St., S. F.
 Filed July 24, 1924. Dated July 17, 1924.
 When building moved to new location\$2000
TOTAL COST, \$2000
 Bond, \$1057.50. Sureties, R. D. McElroy and G. D. Phillips. Forfeit, none. Limit, 15 days after Aug. 1, 1924. Plans and specifications filed.
 NOTE—Permit reported July 11, 1924 No. 3015.

(3256) ALTERATIONS AND ADDITIONS
 on above.
 Filed July 24, 1924. Dated July 17, 1924.
 Completed and accepted\$1530
 Usual 35 days 330
TOTAL COST, \$2115
 Bond, \$1000. Sureties, R. D. McElroy and G. D. Phillips. Forfeit, none. Limit, 40 days after Aug. 1, 1924. Plans and specifications filed.

RESIDENCE
(3257) W OCTAVIA 92 S Jackson. Two-story and basement frame residence.
 Owner—F. R. Grannis, 2450 Steiner St., San Francisco.
 Architect—Edward E. Young, 2022 California St., S. F. \$20,000

SALESROOM
(3258) W VALENCIA 100 N Nineteenth
 One-story and mezzanine floor concrete and hollow tile salesroom.
 Owner—Lena Lynch, 2898 Mission St., San Francisco.
 Designer—James McFarland, 839 Post St., San Francisco.
 Contractor—James McFarland, 830 Post St., San Francisco. \$11,750

FLATS
E FUNSTON AVE 100 S Judah.
 (3259) Two-story and basement frame (2) flats.
 Owner—Dahlberg & Peterson, 1560 10th Ave., San Francisco. \$8000
 Architect—None.

DWELLINGS
W FORTY-THIRD AVE 100
 (2360) One-story and 175 S Balboa. Four 1-story and basement frame dwigs.
 Owner—R. S. Hall, 6140 Geary St., S. F.
 Architect—None.
 Contractor—Thos. Hamill, 6140 Geary St., S. F. \$4000 each

FLATS
E FUNSTON AVE, 125 S Judah.
 (3261) 2-story and basement frame flats.
 Owner—Dahlberg & Petersen, 1560 Potrero Ave., S. F.
 Architect—None. \$8000

(3262) SW FILBERT AND SANSOME
 Sts. 1-story brick warehouse.
 Owner—Warehouse Investment Co., 60 California St., S. F.
 Architect—None.
 Contractor—George Wagner, Inc., 181 South Park, S. F. \$10,000

PENT HOUSE
(3263) 453 GRANT AVE. Construct pent house composition roofing; metal frames and sash.
 Owner—New Shanghai Restaurant, 453 Grant Ave., S. F.
 Architect—Shea & Shea, 527 Chronicle Bldg., S. F. \$2000

MOVE, ETC.
(3264) 210 COLERIDGE ST. Move and make alterations to cottage.
 Owner—F. J. Kieliger, 210 Coleridge St., S. F.
 Plans by owner.
 Contractor—Mager Bros., 1318 Valencia St., S. F. \$2300

RESIDENCE
N SEA CLIFF AVE. opp. 29th Ave.
 Two-story and basement and attic frame residence.
 Owner—Pacific Motor Supply Co., 1440 Market St., San Francisco.
 Architect—Earl B. Bertz, 168 Sutter St., San Francisco. Co., 46
 Contractor—Schultz Constr. Co., 24,000
 Note—Recorded contract reported July 24, 1924, No. 3232.

OFFICES
N BUS 137-6 E Grant Ave. Six-story steel frame offices.
 Owner—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
 Architect—Bliss & Paville, Balboa Bldg., San Francisco.
 Contractor—Dinwiddie Constr. Co., Crocker Bldg., S. F. \$608,000
 NOTE—Recorded contract reported July 3, 1924, No. 2925

FRAME BLDG.
(3265) LOT 7, BLK. 5802, St. Marys
 Park. All work for 1-story frame building.
 Owner—Carl and Maida Klute, 2623 Mission St., S. F.
 Architect—Charles F. Strothoff, 2274 15th St., S. F.
 Contractor—E. W. Varney, 860 Bush St., San Francisco.
 Filed July 25, 1924. Dated July —, 1924.
 All sheathing on\$1650
 Brown coated 1650
 Completed and accepted 1650
 Usual 35 days 1650
TOTAL COST, \$6600
 Bond, \$3300. Sureties, Chas. Monson & S. L. Forsyth. Forfeit, none. Limit, 90 days. Plans and specifications filed.

SIGNS
(3266) NO. 2550 MISSION. Erect single faced horizontal electric sign.
 Owner—Louis B. Greenfield, Premises.
 Architect—None.
 Contractor—Federal Electric Co., 91 New Montgomery St., San Francisco. \$1000

DWELLING
(3267) E TWENTY-SECOND AVE 100
 S Lincoln Way. One-story and basement frame dwelling.
 Owner—Julia Carty, % Contractor.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$4000

DWELLING
(3268) E BRUSSELS 200 N Wilde.
 One-story and basement frame dwelling.
 Owner—Manuel Serrano, 240 Wilde Av., San Francisco. \$2000
 Architect—None.

REPAIRS
(3269) NO. 1721 PACIFIC AVE. Repair shingle roof; lathing and plastering; tinting; papering for rooming house.
 Owner—W. L. Broadwell, Premises.
 Architect—None.
 Contractor—Chas. Coburn, 180 Jessie St., San Francisco. \$2000

FLATS
W NINTH AVE 190 N —
 (3270) 25x100. All work for two-story and basement frame flats.
 Owner—P. Ward Brown, 3582 17th St., San Francisco.
 Architect—None.
 Contractor—August Hallgren, 311 Hayes St., San Francisco.
 Filed July 26, '24. Dated July 24, '24.
 Roof boards on\$2200
 Brown coated 2200
 Completed and accepted 2200
 Usual 35 days 2200
TOTAL COST, \$8800
 Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

SIGN
(3271) NO. 989 MARKET. Erect single faced horizontal electric sign.
 Owner—"Margetts," Premises.
 Architect—None.
 Contractor—Federal Elec. Co.; 91 New Montgomery St., S. F. \$1500

ADDITIONS
(3272) NO. 71 CUIVIER. Construct additions to residence.
 Owner—Lambert E. Johnson, Prem.
 Architect—None.
 Contractor—Johnson & Eriksen, 1805 Golden Gate Ave., S. F. \$2500

DWELLING
N MAYNARD 75 E Craut. One-story and basement frame dwlg.
 Owner—C. L. Nelson, 366 Sussex St., San Francisco. \$3000
 Architect—None.

DWELLING
(3274) N JENNINGS 25 W Le Conte.
 One-story and basement frame dwelling.
 Owner—Olivio Bonacchi, 1766 La Salle St., San Francisco.
 Architect—None.
 Contractor—Guido Sciochetti, 3315 Jennings St., S. F. \$1500

ALTERATIONS
(3275) 818 ARGUELLO BLVD. Re-model 8-room residence for two 5-room flats.
 Owner—Sam Claus, 1378 W San Carlos St., San Jose, Calif.
 Designer—Frank M. Mayer, 1740 Haight St., S. F. \$2600

ADDITION
(3276) 421 POWELL ST. One additional story for club rooms.
 Owner—E. W. Hopkins, % architects.
 Architect—Sylvain Schnaitacher, 233 Post St., S. F.
 Contractor—Barrett & Hilp, 918 Harrison St., S. F. \$70,000

DWELLING
(3277) E DOWNEY 129-9 S Waller.
 1-story and basement frame dwlg.
 Owner—Mrs. W. F. Naritz, 489 23rd St., Oakland.
 Architect—None.
 Contractor—H. A. Klyce, 408 Call Bldg., San Francisco. \$4000

DWELLINGS
E TENTH AVE, 150, 175 AND
 (3278) 200 S Ortega. Three 1-story and basement frame dwellings.
 Owner—John F. Holland, 100 Montgomery St., S. F.
 Architect—None.
 Contractor—C. C. Littlepage, Oakwood Hotel, S. F. \$3000 each.

APARTMENTS

(4270) W SAN JOSE AVE 30-9 S 29th
2-story and basement frame (1)
and bath
Owner—E. F. Folsom, Colma, Calif.
Architect—F. E. DeMartino, 346 Broadway
Way S. F.
Contractor—J. W. Gilhooly, 745 San
Jose Ave., S. F. \$45,000

DWELLING

(4280) S OAKDALE 175 SE Mendell
1-story and basement frame dwlg.
Owner—F. L. Zimmet and S. Cutajar,
1215 Mendell St., S. F. \$2250
Architect—None

ADDITION

(4281) 1224 WEBSTER ST. Add 3 bed
rooms and kitchen for flat.
Owner—George Stefan, 1224 Webster
St., S. F.
Architect—J. C. Hladik, Monadnock
Bldg., S. F. \$2000

APARTMENTS

(4282) N EIGHTEENTH 205 W Valencia.
2-story and basement frame
(8) apartments.
Owner—John P. Mulhant, 155 29th St.,
San Francisco.
Architect—None
Contractor—O. K. Holl, 3875 26th St.,
San Francisco. \$17,000

STEEL WORK

(4283) NE. POST AND MASON. All
work for furnishing structural
steel work for bldg.
Owner—Medico Dental Building Corp.,
411 National Bank Bldg., S. F.
Architect—L. W. Kohman and W. G.
Merchant, Sharon 1342, S. F.
Contractor—Moore Dry Dock Co., Bal-
four Bldg., S. F.
Filed July 28, 1924. Dated Apr. 29, 1924.
Monthly payments of 10% on or
about the 10th of each month.
TOTAL COST, \$148,428
Bond, \$148,428. Sureties, Globe In-
demnity Co. Forfeit, limit, none. Plans
and specifications not filed.

(4284) HALL FROM STORAGE YARD
of J. G. Williams, Post 15, and
steel structural steel on above.
Filed July 28, 1924. Dated Apr. 29, 1924.
On or about the 10th each month. 75%
on completion.
TOTAL COST, \$23,572
Bond, \$23,572. Sureties, Globe Indemnity
Co. Forfeit, limit, none. Plans
and specifications not filed.

FLAT BLDG.

(4285) E BARTLETT 130 N 26th N.
2-1/2 x 8 x 17-1/2. All work for 2-
story and garages frame flat bldg.
Owner—Otto and Johanna Martens,
7225 22nd St., S. F.
Architect—None
Contractor—S. M. Minberger, 653 15th
Ave., S. F.

Filed July 28, 1924. Dated July 18, 1924.
Rough frame up \$3567.75
Brown coated 3567.75
Completed and accepted 3567.75
Usual 35 days after 3567.75
TOTAL COST, \$14,271.
Bond, Sureties, forfeit, limit, none.
Plans and specifications filed.

FRAME BLDG.

(4286) W FORTY-SIXTH AVE. 180 S
Balboa. All work for 1-story and
basement frame bldg.
Owner—Miss W. L. Donnelly, Box E,
Carmel, Calif.
Plans by contractor.
Contractor—F. Carroll Reed, 683 7th
Ave., S. F.
Filed July 28, 1924. Dated July 21, 1924.
Roof completed 1/5
Rough plaster on 1/5
Carpenter work & exterior done. 1/5
Completed and accepted 1/5
Usual 35 days after 1/5
TOTAL COST, \$5735.50
Bond, \$2837.75. Sureties, United States
Fidelity & Guaranty Co. Forfeit, \$5000
per day. Limit, 90 days. Plans and
specifications filed.

SHOP

(4287) A SEVENTH 50 W Cleveland.
One-story reinforced concrete sign
garage shop.
Owner—Jos. Laib Jr., 7th and Folsom
Sts., San Francisco.
Architect—None
Contractor—Buschke & Brown, 604
Mission St., S. F. \$7000

DWELLING

(4288) N DEAN AVE 332 W Mission.
One-story and basement frame
dwelling.
Owner—G. Martorello, 282 Ellington
St., San Francisco.
Architect—None
Contractor—John P. Cuneo, 101 Amazon
Ave., San Francisco. \$6500

RESIDENCE

(4289) W FIFTH AVE 25 S Judah.
Two-story and basement frame
residence.
Owner—L. B. Tichenor, 1249 4th Ave.,
San Francisco.
Architect—Henry S. Sherrnood, 1230
Hearst Bldg., San Francisco.
Contractor—Paul K. Jones, 180 Jessie
St., San Francisco. \$6000

ALTERATIONS

(4290) NO. 118 ARGUELLO BLVD.
Remodel 8-room dwelling for 2 5-
room flats; plaster front, etc.
Owner—Sam Haus, 1378 W-San Carlos
St., San Jose.
Designer—Frank M. Mayer, 1740
Haight St., S. F. \$2000

DWELLING

(4291) NW COLON AND MONTEREY
BLVD. One-story and basement
frame dwelling.
Owner—Nelson Bros., 1375 Plymouth
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$5000

DWELLINGS

(4292) E VALDEZ 40, 80, 120 and 160
N Monterey Blvd. Four one-story
and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$1000 each

DWELLINGS

(4293) E PLYMOUTH AVE 58, 108,
168 and 218 N Monterey Blvd.; W
Plymouth Ave 51 N Monterey Blvd;
W Plymouth Ave 151 N Monterey
BLVD; NE Plymouth Ave and Mon-
terey Blvd.; NW Plymouth Ave. &
Monterey Blvd.; W Plymouth Ave.
101 and 201 N Monterey Blvd. Ten
one-story and basement frame
dwellings.
Owner—Nelson Bros., 1375 Plymouth
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., S. F. (8) \$4000; (2) \$6000.

DWELLING

(4294) W NINTH AVE 250 N Ortega.
One-story and basement frame
dwelling.
Owner—George Gorham, 721 Irving St.,
San Francisco.
Architect—None.
Contractor—John E. McCarthy, 1479
12th Ave., San Francisco. \$3000

FLATS

(4295) W FUNKSTON AVE 254-3 S Ir-
ving. Two-story and basement
frame (2) flats.
Owner—G. Holthe and H. Borge, 1990
Fulton St., San Francisco. \$7000
Architect—None

FLATS

(4296) E SCOTT 100-2, 125-2, 150-2
and 175-2 N Chestnut. Four 2-story
and basement frame flats, 2 flats in
each building.
Owner—Meyer Bros., 1 Montgomery
St., S. F.
Architect—None. \$7000 each.

DWELLINGS

(4297) W THIRTY-EIGHTH AVE.
(4298) 104-3, 129-3, 154-3, 179-3 and
229-3 N Balboa. Seven 1-story and
basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery St.,
San Francisco. \$3000 each.
Architect—None.

ALTERATIONS

(4298) 2379-81 BRYANT ST. Raise &
remodel for (2) flats.
Owner—Jennie M. Gunn, 2385 Bryant
St., S. F.
Architect—None.
Contractor—P. & J. Nielsen Bros., 2350
Bryant St., S. F. \$3000

DWELLING

(4299) SE FOLSOM AND POWHAT-
ton. 1-story and basement frame
dw-bldg.

Owner—J. F. Calcone, 3836 Folsom St.,
San Francisco.
Designer—E. J. O'Connor, 346 Woolsey
St., S. F.
Contractor—E. J. O'Connor, 346 Wool-
sey St., S. F. \$2500

DWELLINGS

(3300) S VICENTE 360, 392, 428 W
Wawona. Three 1-story and base-
ment frame dwellings.
Owner—Fernando Nelson & Sons, Inc.,
2 West Portal Park, S. F.
Architect—None. \$3500 each

APARTMENTS

(3301) S FOURTEENTH 100 W Va-
lencia, S 130 x W 30. All work
for 3-story frame apartment house.
Owner—Theo. Binner, 431 14th St. S. F.
Architect—Albert J. Fabre & Ernest H.
Hildebrand, 110 Sutter St., S. F.
Contractor—Carl T. Wengard, 1286 34th
Ave., S. F.
Filed July 29, 1924. Dated July 15, 1924.
Frame up and roof sheathed. \$3783
Brown coated 3783
Completed and accepted 3783
Usual 35 days 3786
TOTAL COST, \$15,135
Bond, \$7568. Sureties, Geo. Zaro and
Emil Nelson. Forfeit, none. Limit, 90
days. Plans and specifications filed.

FRAME BLDG.

(3302) W NINTH AVE. 250 N Ortega,
N 25 x W 120. All work for 1-
story and basement frame bldg.
Owner—George Gorham.
Architect—None.
Contractor—John E. McCarthy, 1497
12th Ave., S. F.

Filed July 29, 1924. Dated July 29, 1924.
On signing of contract. \$ 100.00
Enclosed 108.75
Brown coated 108.75
Completed and accepted 108.75
Usual 35 days 108.75
TOTAL COST, \$4485
Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

REMODEL

(3303) No. 1334 CASTRO STREET. Re-
model residence for (2) flats;
plumbing, electric work, etc.
Owner—Anna Hollnagel, 2401 24th
Ave., San Francisco.
Architect—None. \$1000

ALTERATIONS

(3304) No. 1411 ERVIN STREET.
Raise and add one story for store.
Owner—Mrs. Dina Lundist 1411 Er-
ving St., San Francisco.
Designer—Fred F. Sprong, 2248 Fulton
St., San Francisco.
Contractor—Geo. M. Merritt 3014 Geary
St., San Francisco. \$2000

ALTERATIONS

(3305) 2808 JACKSON ST. Excavate
for private garage quarters; con-
crete stairs.
Owner—Mrs. Rae Buckingham, 2808
Jackson St., San Francisco.
Designer—Fred Sprong, 2248 Fulton St
San Francisco.
Contractor—Geo. M. Merritt Co., 3014
Geary St., S. F. \$1500

DWELLINGS

(3306) E FOREST 398 431 464 N Ulloa.
Three 1-story and basement frame
dwellings.
Owner—Fernando Nelson, No. 2 West
Portal Park, S. F.
Architect—None. \$3500 each

DWELLING

(3307) E FORTIETH AVE. 100 N
Fulton. 1-story and basement frame
dwelling.
Owner—D. Leigh, 801 42nd Ave., San
Francisco.
Architect—None. \$3500

DWELLING

(3308) E THIRTIETH AVE. 40 S Ir-
ving. 1-story and basement frame
dwelling.
Owner—Fernando Nelson & Sons, Inc.,
2 West Portal Park, S. F.
Architect—None. \$3800

FLATS

(3309) S HAYES 131, 156 and 181 W
Cole. Three two-story and base-
ment frame flats (2 in each bldg.)
Owner—E. A. Jansen, Hearst Bldg.,
San Francisco.
Architect—None. \$7000 each

FLATS
(3310) E TWENTY-THIRD AVE. 225 and 250 N Geary. Two two-story and basement frame flats (2 in each building).
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. \$7000 each

APARTMENTS
(3311) NW FOURTEENTH AND NOE. Two-story and basement frame (4) apartments.
Owner—G. Molakidis, % Architect. Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$12,000

FLATS
(3312) E CHURCH 126-6 N Twenty-sixth. Two-story and basement frame (2) flats.
Owner—G. M. Battersby, 2706 Mission St., San Francisco.
Architect—G. M. Battersby.
Contractor—G. M. Battersby, 2706 Mission St., San Francisco. \$6000

ALTERATIONS
(3313) NO. 4801 GEARY. Remove battery service station to property adjoining present site.
Owner—Whitcomb & Smith, Premises. Architect—None. \$4000

FLATS
(3314) W PIERCE 85-6 N Fell. Two-story and basement frame (2) flats.
Owner—T. B. Strand, 509 Pierce St., San Francisco.
Architect—T. B. Strand.
Contractor—T. B. Strand, 509 Pierce St., San Francisco. \$7000

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
July 23, 1924—E FORTY-FIFTH AVE 125 S Cabrillo S 25 E 98.50 N 25.76 m or l W 104.72 to beg; E 45th Ave 100 S Cabrillo S 25x120. J B Nichols to Meyer Bros. July 24, 1924
July 23, 1924—S LINCOLN BLDG. N 785 Market St. Lincoln Realty Co to whom it may concern. July 22, '24
July 23, 1924—S HOWARD 275 W 7th 28x100. J J Nelson to Barrett & Hip. July 18, 1924
July 23, 1924—SE THIRTY-FIFTH AVE and Cabrillo S 30x90. Jacob H Thorup to whom it may concern. July 22, 1924
July 23, 1924—COM 230 N 85° 40' E 137 N 4° 20' W from int S Humboldt and E Georgia N 40° 20' S 25 N 85° 40' E 25 S 4° 20' E 25 S 85° 40' W 25 Pacific Gas & Electric Co to Steel Tank & Pipe Co. of Calif. July 16, 1924
July 24, 1924—COM. #2-6 W EIGHTEENTH AVE on N Fulton No. 4220-4222 Fulton N 100 E 25 S 100 S 25 W 100 H H Somers to T Magill. July 22, '24
July 24, 1924—W TWENTY-EIGHTH AVE dist N 81.123 from N line Lot 15 Sub 2, Sea Cliff N 40.071 S 86° 37' W 137.789 S 12° 51' 12" E 39.594 N 86° 37' S 40.224. Jos A and Alice E Burns to Allen & Co. July 14, 1924
July 24, 1924—SE LOUISBERG 115 NE ML Vernon Ave 25x116-6. Nels Rasmussen to whom it may concern. July 22, 1924
July 24, 1924—50 FIRST AVE. Mrs. I. Prager to Wm. Bernstein. July 2, 1924; and to E. Sugarman. July 2, '24
July 24, 1924—W 19TH AND MISSOURI. The Roman Catholic Archbishop of S. F. to J. J. Finegan. July 19, 1924
July 24, 1924—SW 24TH AVE AND Taraval S 100 x W 32-6. Henry Von der Wettern to Roy Gallier. July 19, 1924
July 24, 1924—W CLAYTON BET. Waller and Fred. 100 S Waller 25 x 125. No. 731 and 733 Clayton. Gustave C. and Charlotte Gunther to Munster and Bernhardt. July 19, 1924
July 24, 1924—42 BROADWAY. The Flor D'Italia Corp. to Thos. A. Walthe. July 5, 1924
July 24, 1924—E FORESTER 100 S Monterey Blvd., 25 x 100. Alfred Jacobson to whom it may concern. July 23, 1924
July 24, 1924—LOTS 3, 2 AND 5, BLK 6451, Crocker Amazon Tract Sub. No. 2. Crocker Estate Co. to whom it may concern. July 22, 1924

July 24, 1924—W CORDOVA 75 S Winding Way S 25 x W 100 ptn. Lot 8, Blk. 6451, Crocker Amazon Tract Sub. No. 2. Crocker Estate Co. to whom it may concern. July 22, '24
July 24, 1924—W CORDOVA 50 S Winding Way S 25 x W 100, ptn. Lots 6, 7, and 8, Blk. 6451, Crocker Estate Co. to whom it may concern. July 22, 1924
July 24, 1924—NW PENINSULA AVE and Bay Shore Ave W 100 x N 32, ptn. Blk. 12, Crocker Bay Shore Tract, Crocker Estate Co. to whom it may concern. July 22, 1924
July 24, 1924—W PENINSULA AVE. 32 N Bay Shore Ave. N 32 W 100, ptn. Blk. 12, Crocker Estate Co. to whom it may concern. July 22, '24
July 24, 1924—E SANCHEZ 30 N 16th, E 95 x N 29-7. Michael H. and Mary Hoare to Albert Bernhardt. July 19, 1924
July 24, 1924—NW BRUNSWICK 103 SW Guttenberg, Victor Bjorkman to whom it may concern. July 22, 1924
July 25, 1924—W LEE AVE 100 S Graton Ave S 25xW 112-6. Meyer Bros to whom it may concern. July 25, 1924
July 25, 1924—W MIRAMAR AVE 125 S Grafton Ave S 50xW 112-6. Mel Brod to whom it may concern. July 25, 1924
July 25, 1924—SW BEACH & GRANT AVE W 275xS 137-6. Otis Elevator Co to Frank J Klimm Co. July 25, 1924
July 25, 1924—E FUNSTON 50 S Judah S 25x E 95. Richard W Hawkins to Stempel & Cooley. July 24, 1924
July 25, 1924—FUNSTON AVE 75 S Judah S 25x E 95. Irwin S Rolley to Stempel & Cooley. July 24, 1924
July 25, 1924—NW SIXTEENTH AND Valencia. The Mission Savings Bk to Braas & Kuhn Co and Musto Sons-Keenan Co. July 21, 1924
July 25, 1924—E FORTY-SECOND AVE 75 N Cabrillo N 25x E 95. David Leigh to whom it may concern. July 24, 1924
July 25, 1924—W CORDOVA 125 S Winding Way S 25xN 100 Ptn Lots 9 and 10 Blk 6451, Crocker Amazon Tract Sub. No. 2. Crocker Estate Co. to whom it may concern. July 22, 1924
July 26, 1924—E FRANKLIN 82-6 S Bay 30x75. Armando Zucchi to Elliot & Grant. July 26, 1924
July 26, 1924—LOTS 25 AND 26 BLK 6451, Crocker Amazon Tract Sub. No. 1. Charles Gust and Nick Karagizos to whom it may concern. July 25, 1924
July 26, 1924—W TWENTIETH AVE 133-4 S Taraval 33x120. Neil T. Duffy to Charles T. Magill. July 26, 1924
July 26, 1924—S HANCOCK 175 W Church 75x114. Thomas Johnson to whom it may concern. July 25, '24
July 26, 1924—N HAVELOCK 150 E Edna S 25x118 Lot 118 Sub 2, Sunnyside. Robt Neil to whom it may concern. July 25, 1924
July 26, 1924—NO. 1440 FIFTH AVE. W R McCullough to whom it may concern. July 21, 1924
July 26, 1924—SW WHITTIER 159-6 SE Brunswick 53x187. Carl Wenigard to whom it may concern. July 26, 1924
July 26, 1924—E FILLMORE 100 E Edna E 112-6 Lot 10 Blk 32, Sunnyside. Robt Neil to whom it may concern. July 25, 1924
July 26, 1924—LOT 24 BLK 23 St. Francis Wood Ext'n No. 2. Garden Homes Co to Nels P Johnson. July 25, 1924
July 15, 1924—NW RANDALL AND Church W 25xN 125. Albert M Hansen to Gus J Heden. July 25, '24
July 25, 1924—LOT 4 BLK 6451, Crocker Amazon Tract Sub. No. 2. Crocker Estate Co to whom it may concern. July 22, 1924
July 25, 1924—N GREEN 92-7 1/5 E Franklin 25x87-6. George Mason & Thomas Pierce to whom it may concern. July 17, 1924
July 25, 1924—E NINTH AVE 125 S Lake S 25x E 120. Mel I Schwartz to whom it may concern. July 25, '24
July 25, 1924—N CHESNUT 2-8 W Polk 27-6x137-6. Mary E Farley to Christiansen Bros. July 25, 1924
July 25, 1924—N HAIGHT 100 E Clayton E 27-6xN 137-6. Anna M Bincham and Whiteclima H. G. Patterson to whom it may concern. July 24, 1924

July 28, 1924—NE GEARY AND Twenty-ninth AVE E 40xN 90. Michael and Lawrence Costello to whom it may concern. July 23, 1924
July 28, 1924—SW SIXTH 75 NW Harrison NW 120xSW 120. Kernan and McGary Robson to J S Malloch. July 23, 1924
July 29, 1924—LOTS 8 AND 9 BLK 30 Amended Map Ingleside Terraces. Gordon W and Linnie Morris to whom it may concern. July 23, 1924
July 28, 1924—W CAPE 183 S 17th S 25 W 91 S 25 W 31-6 N 50 E 122-6. Gough Land & Livestock Co to John Spargo. July 25, 1924
July 28, 1924—E HOLDEN AVE 150 W Ingalls Cora and Paolo Dighi to G Dal Bon. July 26, 1924
July 28, 1924—LOT 24 BLK 27, and Lot 10 Blk 30, Amended Map Ingleside Terraces. Gordon W and Linnie Morris to whom it may concern. July 7, 1924
July 28, 1924—E FILLMORE 69-8 N O'Farrell. Sam Schwartz to J Martinelli. July 23, 1924
July 28, 1924—LOTS 31, 32, BLK. C, Mission Terrace. Walter E. Hansen to whom it may concern. July 25, 1924
July 28, 1924—COM. AT FT. 64 F S 17th and 56th Sts. 150 x 150. Anderson and E Mason, E 150 x S 50. Pac. Gas & Electric Co to George Windeler Co. July 23, 1924
July 28, 1924—E FUNSTON AVE 225, 175, 150 and 125 S Judah S 25x100 each. Dahlberg & Peterson to whom it may concern. July 28, 1924
July 28, 1924—E MINNA 115 N 15th N 50x80. Bernard and Bertha Ivy to whom it may concern. July 24, 1924
July 28, 1924—MISSION TERRACE. Isabel S Long to whom it may concern. July 25, 1924
July 28, 1924—S JOOST AVE 226 E Foerster E 75xS 100. Moneta Inv Co to Jas Ashten and Son. July 29, 1924
July 29, 1924—NW MISSION 375 NE Valencia. A Weiss & V Eisner to Christiansen Bros. July 22, 1924
July 29, 1924—E FORTY-SEVEN AVE 210 S Balboa. Margaret C Fogarty to F Carroll Reed. July 29, 1924
July 29, 1924—E THIRTIETH AVE 150 S California S 25x120. Harry Kerner to whom it may concern. July 29, 1924
July 29, 1924—W NINETEENTH AVE 274 N Kirkham N 25xW 120. R. N. Gibson to whom it may concern. July 29, 1924
July 29, 1924—E 13TH AVE. T. Townsend, Bluxome and Brannan (moving hydrants). Southern Pacific Co to Tibbitts-Pacific Co. July 21, '24
July 29, 1924—SW WASHINGTON 25 Powell S 57-6xW 67. Maurice Salmon to whom it may concern. July 28, 1924
July 29, 1924—E WEBSTER 28 S Greenwich S 25x125-6. Alfred E Hind to whom it may concern. July 28, 1924
July 29, 1924—LOT 7 BLK 32, Amended Map Ingleside Terrace. Northern Supply Co to W D Henderson. July 26, 1924
July 29, 1924—E ASHTON 153-9 S Ocean Ave S 25 N 25 W 100. C E Soules to whom it may concern. July 29, 1924
July 29, 1924—SW WASHINGTON 25 Powell S 57-6xW 67. Maurice Salmon to whom it may concern. July 28, 1924
July 29, 1924—SE GREENWICH AND Webster 25x125-6. Alfred E Hind to whom it may concern. July 28, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
July 23, 1924—S PACIFIC AVE 165 W Broderick W 55xS 127-8-4.	
Michel & Pfeiffer Iron Works vs A M Hardy and S A and Bell Schwartz.	\$735
July 24, 1924—S PACIFIC AVE. 165 W Broderick W 55 x S 127-8-4.	
Richmond Sanitary Co. vs J. Camp & Co., S. A. Schwartz and Bell Schwartz.	\$1392.68
July 22, 1924—COM. 275 SW FROM Int. SW 6th and SE Stevenson SE 75 x SW 25. L. Schaffer & Co. vs. M. E. Green, Isadore and Arthur Weinstein.	\$95.29

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

July 24, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84.
Hardwood Lumber Co., \$400.32;
Shelton & Lohr, \$845; Spencer
Elevator Co., \$708.75; H. Berton,
S. A. and Bella Schwartz
and A. M. Hardy, \$1,000.
July 24, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84.
Central Sheet Metal Works, Car-
son & Stannard, \$175; Borella
Iron & Wire Works, \$175; Andrew
M. M. Rosen, Scott W. and J. Shome,
\$2,275; S. A. M. Hardy and S. A.
and Bella Schwartz, \$1,000.
July 24, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84.
J. Camp & Co., \$2,150; Sugarman
Heating Co., \$1,200; C. Goldberg,
\$1,675; S. A. M. Hardy and S. A.
and Bella Schwartz, \$1,000.
July 24, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84.
E. H. P. vs A. M. Hardy, S. A. and Bella
Schwartz, \$825.
July 24, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84.
Standard Hardwood Floor Co., \$950;
California Door Co., \$168.70 vs A. M.
Hardy, S. A. and Bella Schwartz.
July 24, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84. P
A. John vs A. M. Hardy and S. A. and
Bella Schwartz, \$60.
July 24, 1924—COMG. 165 W
SW Cor. Pacific and Broderick W
55 S S 127-84. Marshall & Stans
Co. vs S. A. and Bella Schwartz and
A. M. Hardy, \$720.
July 23, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84.
Joost Bros Inc vs S. A. and Bella
Schwartz, \$819.86.
July 23, 1924—W ALABAMA 140 S
Twentieth St. vs L. C. C. C.
Nations and vs L. C. C. C. and
Theresa, \$113.30.
July 23, 1924—S PACIFIC AVE 165 W
Broderick W 55 S S 127-84. Art
Till & Maricopa vs A. M. Hardy and
S. A. and Bella Schwartz, \$242.50.
July 28, 1924—N WASHINGTON 130
E. Gough, E. 30-2 N 127-84, W 43-3
11-84, W 7-6 S 129-44, T. I.
L. L. vs Thos. McDougall,
Atlas Concrete Co., \$751.
July 25, 1924—E TWENTY-SIXTH
Ave 175 N Ulloa N 25x120. Viotti
& Brunzetti vs L. N. & Rose Lepore
and City Title Ins. Co., \$416.45.
July 25, 1924—E GUERRERO 25 S
Eighteenth S 49-6x112. Jas
Christensen (as Metzner & Christen-
sen) vs Emil Nelson and Henry
H. and Hattie Rubin, \$375.
July 25, 1924—S PACIFIC AVE 165
W Broderick W 55 S S 127-84. E
M. Hurdley, \$71.82; E. S. & Don-
dero Marble Co., \$147; vs A. M.
Hardy and S. A. and Bella Schwartz.
July 25, 1924—E KILPATRICK WAY
362 N Ulloa N 30x120. Jos. Lu-
batti and P. Ghilotti vs R. D. Robin,
A. Weber and A. McCauley, \$120.

No.	Owner	Contractor	Amt.
3821	Trainer	Offie	2500
3822	Weston	Owner	4250
3823	Watson	Owner	1000
3824	Puhman	Frang	4350
3825	Salow	Owner	9000
3826	Hansen	Owner	5500
3827	Brاملage	Owner	4000
3828	Stevens	Owner	1800
3829	McHale	Fatten	3000
3830	Fredericksen	Owner	4000
3831	Woodburn	Owner	6000
3832	Nielsen	Nichols	3100
3833	Panella	Schneck	4000
3834	Favera	Schneck	5000
3835	Enslin	Wland	1950
3836	Pinizza	Skages	5500
3837	Melrose	Foreman	3750
3838	Dean	Owner	3500
3839	Watkins	Owner	3550
3840	Karpov	Owner	3500
3841	Tisch	Sommarmstr	7700
3842	Bates	Owner	3200
3843	Marquette	Thrams	3944
3844	Dunn	Owner	15000
3845	Paunell	Almquist	20000
3846	Henning	Stanley	5000
3847	Palergat	McCreo	1000
3848	Elgart	Ortizo	13000
3849	Squires	McBeth	4142
3850	Paunell	Trammal	13053
3851	Associated	Vort	10000
3852	Gowanlock	Durgin	4000
3853	West	Thiele	9500
3854	Hally	Owner	4500
3855	Sargent	Blom	1950
3856	Henry	Williford	1500
3857	Carlson	Hendrickson	7550
3858	Thompson	Thompson	14000
3859	Goldenhur	Owner	5100
3860	Myers	Owner	6000
3861	Short	Short	5500
3862	MacCormick	Perry	7500
3863	Meyer	Lydick	10000
3864	Peterson	Owner	3000
3865	De Groot	Owner	2500
3866	Warron	Owner	3500
3867	Sigwald	Owner	6700
3868	Malwin	Owner	6500
3869	Wisenand	Crowel	1500
3870	Oliphant	Owner	7000
3871	Patzloff	Kopie	4200
3872	Dadone	Valente	4000
3873	Dongaard	Owner	2700
3874	MacGregor	Owner	2700
3875	Meyer	Pfrang	—
3876	Paiciff	Monson	21840
3877	Koenig	Johanson	4000
3878	Wimore	Schultz	11300
3879	Kemp	Kemp	2000
3880	Beck	Smith	6000
3881	Friessen	Owner	2500
3882	Fisher	Owner	9000
3883	Johnson	Owner	3000
3884	Glasen	Nylander	3500
3885	Osborn	Christensen	8000
3886	Anderson	Neergard	4150
3887	M. A.	Owner	1500
3888	Augusting	Hanson	3000
3889	Cuthbert	Owner	1900
3890	Bailey	Owner	5000
3891	Dunwoody	Owner	3500
3892	Condon	Long	18700
3893	Dangle	Maurer	3000
3894	Becker	Verr	1000
3895	Thornton	Engler	9000
3896	Hyd	Williams	12000
3897	Gunnar	Walker	10000
3898	Hors	Faust	10300
3899	Flittner	Owner	4300
3900	Thurman	Owner	1000
3901	Nielsen	Nielsen	4500
3902	Sellers	Crocker	2000
3903	Pelsi	Carper	2400
3904	Lewis	Owner	2500
3905	Brimley	Hall	7100
3906	Roseberg	Owner	5000
3907	Gregory	Kopf	3700
3908	Latona	Holton	4500
3909	Evans	Holton	4500
3910	Close	Rogers	2700
3911	Badger	Tell	3650

Owner	Contractor	Amt.
Jerden	Owner	3600
Williams	Owner	3000
Sixth	Maurise	3350
East	Owner	7500
Belmon	Gaubert	5000
Oakland	MasDonald	1500
Becker	Pickrell	3000
Crystal	Crane	7000
Herman	Thison	3000
McQuis	Owner	3000
Pjerria	Connor	2900
Kleppinger	Hansen	10000
Castano	Cuenushman	4500
Deard	Henderson	10000
Campau	Owner	5500
Hill	Owner	2750
Johanson	Owner	7500
Perkins	Hayden	1000
Ungaretti	Owner	2900
Altman	Altman	2500
Yick	Owner	11000
Wood	Brown	8000
Peterson	Johnson	13000
Fakory	Nettles	2300
Sanelis	Downie	3000
Comster	Owner	3750
Furman	Owner	1000
Laumann	Owner	2900
Schroeder	Mogk	6000
Wickham	Victors	2500
Schroeder	Flittner	3940
Littlefield	Littlefield	84018
Bisley	Bisley	8000
Walston	Owner	3800
Raiston	Raiston	3800
Woods	Woods	4000
Hawkinson	Owner	5000
Bradley	Owner	1500
McDonough	Whalen	5000
Lapham	Knight	17000
McAnulty	Lapham	5750
Unterhohr	Owner	3250
De Peuy	Zell	4825
Davis	Van Ness	2000
Warner	Owner	4300
Warner	Owner	2000
Wishart	Owner	2000
Redd	Morgensen	6000
Curad	Hauri	3300
London	Post	1500
Fiege	Roth	6000
Kleppinger	Hansen	10458
Junior	Page	7500

DWELLING
(3821) 1441 ADDISON ST., Berkeley.
Owner—J. C. Westton, 1731 Dwight
Way Berkeley.
Owner—P. J. Cramer, 1908 8th St., Ber-
keley.
Designer—S. R. Coffie, 1835 Delaware
St., Berkeley. \$2500

DWELLING
(3822) 1621 TACOMA AVENUE, Ber-
keley, Dwelling.
Owner—Mrs. J. C. Westton, 1731 Dwight
Way Berkeley.
Architect—None. \$4250

DWELLING
(3823) 2012 DURANT AVENUE, Ber-
keley, Dwelling.
Owner—J. G. Watson, 2010 Durant Ave.
Berkeley.
Architect—None. \$1000

DWELLING
(3824) 1650 FIFTH ST., Berkeley.
Dwelling.
Owner—Mrs. Fuhrman, 1646 5th St.,
Berkeley.
Designer—C. J. Pfrang, 480 Forest Ave
Oakland. \$4350

DWELLING
(3825) 1536 LE ROY AVENUE, Berke-
ley, Dwelling.
Owner—Sarah G. Wernecki, 155 7th
Ave., San Francisco.
Architect—D. D. Stone, 214 Grand Ave.,
Oakland.
Contractor—Harry L. Sandow, 709 25th
Ave., S. F. \$9000

DWELLING
(3826) 1971 EDWARDS ST., Berkeley.
Dwelling.
Owner—Hans A. Hansen, 1749 Grove
St., Berkeley.
Architect—None. \$5600

RELEASE OF LIENS

SAN FRANCISCO COUNTY

July 28, 1924—COM. 271 SW FROM
1st SW 6th and SE Stevens N SE
75x75 W 7-6 S 129-44, T. I.
L. L. vs Thos. McDougall,
Atlas Concrete Co., \$751.
July 24, 1924—W EDNA 25, 75, AND
30 N Eighth St. vs W 25 S 127-84. David
Scid Electric Co. to J. C. Gibson and
W. P. Goss, (3) releases, each, \$62.50

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

July 25, 1924—NO. 976 MARKET.
Jas D. Chlan as to improvements
on property.

CESSATION OF LABOR

SAN FRANCISCO COUNTY

July 30, 1924—W THIRD AVE 110 S
Hugo S 25xW 120. Marie Ash with
George M. Merritt Bldg. Co., Inc.
Work ceased. June 25, 1924

NOW READY FOR DELIVERY—

PRIDDEE'S TABLES, called "3700 Sply Bases and Other Calculations," for Quantity Surveyors and Contractors.

Loose Leaves in Fabricated Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.

Mail Personal Check to ARTHUR PRIDDEE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

DWELLING
(3827) 1063 SIERRA AVE., Berkeley.
Dwelling.
Owner—Mabel M. Bramlage, 649 Arlington Ave., Berkeley.
Architect—None.
Contractor—E. D. Bramlage, 649 Arlington Ave., Berkeley. \$4000

ALTERATIONS
(3828) 2426 GRANT ST., Berkeley. Alterations.
Owner—E. C. Stevens, 2426 Grant St., Berkeley.
Architect—None. \$1800

DWELLING
(3829) SE COR HARWOOD & ROSS Sts., Oakland. 1-story 8-room dwlg and garage.
Owner—P. E. McHale, 1810 Parker St., Berkeley.
Architect—None.
Contractor—H. J. F. Patten, 2925 Hille-gass St., Berkeley. \$9000

DWELLING
(3830) 4030 ELSTON AVE., Oakland. 1-story 5-room dwelling.
Owner—K. S. Fredericksen, 16 Bonita Ave., Piedmont.
Architect—None. \$4000

DWELLING
(3831) 1040 ARDMORE AVE., Oakland 1-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. \$6000

DWELLINGS
(3832) GORE OF PARKER & NEY Aves., Oakland. 1-story 5-room dwelling.
Owner—J. Nielsen.
Architect—None.
Contractor—H. J. Nichols, 7710 Foot-hill Blvd., Oakland. \$3100

DWELLING
(3833) 649 BROOKWOOD ROAD, Oak-land. 1-story 5-room dwelling.
Owner—A. Panella, 621 10th St., Oak-land.
Architect—None.
Contractor—A. W. Schneck, 3226 Geor-gia St., Oakland. \$4000

DWELLING
(3834) 779 MANDANA BLVD., Oak-land. 1-story 6-room dwelling.
Owner—Fred Pavera, 2400 Ransom Ave., Oakland.
Architect—None.
Contractor—A. W. Schneck, 3226 Geor-gia St., Oakland. \$5000

DWELLING
(3835) N FIFTY-FIRST ST. 160 W Grove St., Oakland. 1-story 3-room dwelling and garage.
Owner—H. England, 836 51st Street, Oakland.
Architect—None.
Contractor—Wiand & Miller, 678 23rd Street, Oakland. \$1950

FLATS
(3836) 690-92 FORTY-FOURTH ST., Oakland. 2-story 8-room flats.
Owner—Miss Louise Firinza, 690 44th St., Oakland.
Architect—None.
Contractor—H. H. Skaggs, 536 44th St., Oakland. \$5500

DWELLING
(3837) 6405 FLORA ST., Oakland. 1-story 4-room dwelling and garage.
Owner—Melrose Realty Co., 4566 East 14th St., Oakland.
Architect—None.
Contractor—H. S. Foreman, 3411 Shef-field Ave., Oakland. \$3750

DWELLING
(3838) N MADELINE ST., opposite Laurel Ave., Oakland. 1-story 5-room dwelling.
Owner—C. M. Dean, 3571 Fruitvale Ave., Oakland.
Architect—None. \$3500

DWELLING
(3839) 2100 TWENTY-FOURTH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—G. Watkins, 2151 East 24th St., Oakland.
Architect—None. \$3650

DWELLING
(3840) NW COR. SANTA RITA AND Rosedale Aves., Oakland. 1-story 5-room dwelling.
Owner—K. Karpov, 2317 Rosedale Ave., Oakland.
Architect—None. \$3500

DWELLING
(3841) N TRESTLE GLEN RD., 300 E Lakeshore, Oakland. 2-story 6-room dwelling.
Owner—John Tisch, 322 E-19th St., Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 738 E-17th St., Oakland. \$7700

DWELLING
(3842) E EIGHTY-SEVENTH AVE. 45 N Plymouth St., Oakland. 1-story 5-room dwelling and garage.
Owner—R. D. Bates, 1014 Jefferson St., Oakland.
Architect—None. \$3200

FLATS
(3843) E ALMA AVE. 125 S Excel-sior Ave., Oakland. 2-story 10-room flats.
Owner—Fred L. Marcotte, 228 Acton Place, Oakland.
Architect—Leo Nichols.
Contractor—Clarence Thrams, 23 Home Place West, Oakland. \$8000

DWELLING
(3844) W WARFIELD AVE. 450 S Boulevard Way, Oakland. 2-story 16-room apartments.
Owner—V. A. Dunn, Lurie Building, Oakland.
Architect—None. \$15,000

STORES
(3845) SW COR. TWENTY-FIFTH & Broadway, Oakland. 1-story brick stores.
Owner—Mrs. Geo. Jund, 4401 Telegraph Ave., Oakland.
Architect—None.
Contractor—A. W. Almquist, 442-B 48th St., Oakland. \$20,000

DWELLING
(3846) E CARLSTON AVE. 75 S Santa Ray Ave., Oakland. 1-story 5-room dwelling.
Owner—W. H. Henning, 2910 Santa Clara Ave., Alameda.
Architect—None.
Contractor—G. W. Stanley, 467 Turk St., San Francisco. \$5000

ALTERATIONS
(3847) 151 FLEMING AVE., Oakland. Alterations.
Owner—P. Palergat, 4455 Mission St., San Francisco.
Architect—None.
Contractor—McCrea & Cox, 2922 High St., Oakland. \$1000

STORES
(3848) LOT 17 AND NE 30 OF LOT 18 Blk E Map No. 2 of Highland Terrace, Oakland. All work for 4 stores and garage (brick and tile).
Owner—Myer Elgarten, 345 Hanover Oakland.
Architect—A. Ortzow, Oakland.
Contractor—A. Ortzow, 3929 West St., Oakland.

Filed July 23, 1924. Dated July 22, 1924
Excavated & foundations in.... \$1600
Walls are 5 ft. high 3400
Brick work finished 3000
Roof is on 2000
Completed and accepted 1600
Usual 35 days 1000
TOTAL COST, \$13,600
Bond, Forfeit, none; Limit, 65 working days; Plans and specifications, none.

COTTAGE
(3849) E SIDE OF RHODA ST. 200 S of Madeline St., Oakland. All work for 5-room frame and cement cot-tage.
Owner—W. B. Squires, 3834 E-14th St., Oakland.
Architect—R. H. McBeth, Oakland.
Contractor—Robt. H. McBeth and J. H. Malahan, Oakland.
Filed July 23, 1924. Dated April 25, 1924
Frame up and rafters on..... \$1000
1st coat of plaster 1000
Completed and accepted 2142
TOTAL COST, \$4142
Bond, Forfeit, none; Limit, 90 days; after April 28, 1924. Plans and specifi-cations filed.

DWELLING
(3850) EL CAMINO REAL CLARE-mont, Berkeley. All work for 2-story frame dwelling and garage.
Owner—Mrs. H. E. Pennell 2729 Regent St., Berkeley.
Architect—Henry H. Guttererson, 526 Powell St., S. F.
Contractor—Tranmal & Bradhoff, 483 Crescent, Oakland.
Filed July 24, 1924. Dated July 22, 1924
Frame up \$3263.25
Brown coated 2363.25
Completed and accepted 3263.25
Usual 35 days 3263.25
TOTAL COST, \$13,063.00
Bond, none; Forfeit, \$3 day; Limit, 110 working days; Plans and specifications filed.

OFFICE BLDG.
(3851) 2329 WEBSTER ST., Alameda. Office building.
Owner—Associated Oil Company, 2329 Webster St., Alameda.
Architect—None.
Contractor—Alfred Vogt, 185 Stevenson St., San Francisco. \$10,000

DWELLINGS
(3852) 1550 LINCOLN AVE., Alameda. Two 1-story 3-room dwellings.
Owner—Floria Gowanlock, 1560 Lin-coln Ave., Alameda.
Architect—None.
Contractor—F. W. Durgin, Jr., 2178 University Ave., Berkeley. \$2000 ea

DWELLINGS
(3853) LAFAYETTE & PACIFIC AVE Alameda. 1-story 4-room dwelling and 2 1-story 5-room dwellings.
Owner—West End Bldg. Assn., Ala-meda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thomp-son Ave., Alameda. \$2900
Two at \$3300 each

DWELLING
(3854) ADAMS & MOUND ST., Ala-meda. 1-story 5-room dwelling.
Owner—Hally & Co., 2315 Santa Clara Ave., Alameda.
Architect—None. \$4500

ALTERATIONS
(3855) 2116 SAN ANTONIO, Alameda. Alterations.
Owner—Mary Sargent, 2116 San An-tonio, Alameda.
Architect—None.
Contractor—Blom & Hansen, 2128 Ala-meda Ave., Alameda. \$1950

ALTERATIONS
(3856) 1227 MOUND ST., Alameda. Al-terations.
Owner—Wm. Henry, 1227 Mound Street Alameda.
Architect—None.
Contractor—Howard Whillford, 3237 Bayo Vista Ave., Oakland. \$1500

DWELLING
(3857) 225 WILDWOOD AVE., Pied-mont. 2-story 7-room dwelling and garage.
Owner—A. Carlson.
Architect—None.
Contractor—A. Hendrickson, 6458 Ray-mond, Oakland. \$7550

DWELLING
(3858) 226 WILDWOOD, Piedmont. 2-story 6-room dwelling and garage.
Owner—A. M. Thompson.
Architect—None.
Contractor—C. Thompson. \$4000

DWELLING
(3859) 1629 GRAND AVE., Piedmont. 1-story 6-room dwelling and ga-rage.
Owner—R. H. Goldenhar, 59 10th, Oak-land.
Architect—None.
Contractor—R. H. Goldenhar, 59 10th, Oakland. \$5100

DWELLING
(3860) 112 RONADA AVE., Piedmont. 1-story 6-room dwelling and ga-rage.
Owner—R. M. Myers, 33 Estrella, Pied-mont.
Architect—None.
Contractor—R. M. Myers, 33 Estrella, Piedmont. \$6000

DWELLING
(3861) 572 BOULEVARD WAY, Pied-mont. 1-story 6-room dwelling and garage.

Owner—L. H. Short.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave.
Oakland. \$5500

DWELLING
(3862) 118 WOODLAND WAY, Piedmont. 2-story 7-room dwelling and garage.
Owner—Fannie MacCormick.
Architect—None.
Contractor—J. Floyd Perry, 4015 San Juan, Oakland. \$7500

DWELLING
NO. 380 HAMPTON ROAD, Piedmont. 1-story 7-room dwelling and garage.
Owner—H. C. Poundstone, 745 Jean, Oakland.
Architect—None.
Contractor—Wm. Kat, 2430 Humboldt Oakland. \$12,000
NOTE—Recorded contract reported July 14, 1924, No. 3658.

FLATS, STORES
(3863) SW COR. E-TWELFTH ST & Fruitvale Ave., Oakland. 2-story 8-room flats and stores.
Owner—Jos. Meyer, 13th St. and 31st Ave., Oakland.
Architect—None.
Contractor—G. H. Lydsksen, 1616 25th Ave., Oakland. \$10,900

DWELLING
(3864) NW COR. MCINTIER AND Durant Ave., Oakland. 1-story 5-room dwelling.
Owner—A. O. Peterson, 808 57th St., Oakland.
Architect—None. \$3000

DWELLING
(3865) 1221 SIXTY-FIRST AVE., Oakland. 1-story 5-room dwelling.
Owner—J. H. DeGroot, 1221 61st Ave., Oakland.
Architect—None. \$2500

DWELLINGS
(3866) 2824 SUNSET AVE., Oakland. 1-story 5-room dwelling.
Owner—W. H. Warren, 2802 Fruitvale Ave., Oakland.
Architect—None. \$3500

DWELLINGS
(3867) 2050-54-58 109TH AVE., Oakland. The 1-story 3-room dwigs.
Owner—J. W. Sigwald, 2333 38th Ave., Oakland.
Architect—None. \$2000 each

DWELLING
(3868) 731 ALMA AVENUE, Oakland. 1-story 7-room dwelling.
Owner—A. M. Milwain, 607 37th St., Oakland.
Architect—None. \$6500

DWELLING
(3869) S CLEMENS RD., 530 W Fruitvale Ave., Oakland. 1-story 4-room dwelling.
Owner—J. E. Wiseman, 2139B Stuart St., Berkeley.
Architect—None.
Contractor—D. E. Crowel, Hayward, Calif. \$1500

DWELLING
(3870) W ROSS CIRCLE, 175 E Ross St., Oakland. 2-story 7-room dwlg.
Owner—M. E. Oliphant, Ross Circle, Oakland.
Architect—None. \$7000

DWELLING
(3871) 4671 BENEVIDES AVE., Oakland. 1-story 6-room dwelling.
Owner—Walter Patzleff, 1201 Adeline St., Oakland.
Architect—None.
Contractor—A. T. Kople, 1201 Adeline St., Oakland. \$4200

DWELLING
(3872) 4715 SHATTUCK AVE., Oakland. 1-story 5-room dwelling.
Owner—V. Dadone.
Architect—None.
Contractor—M. E. Valente, 5215 Lockley Ave., Oakland. \$4000

DWELLING
(3873) W SIXTY-FIFTH AVE., 300 N Residenc, Oakland. 1-story 5-room dwelling.
Owner—S. Damgaard, 1352 89th Ave., Oakland.
Architect—None. \$4000

DWELLING
(3874) N FOREST DRIVE, bet. Thorn and Indian Rds., Oakland. 1-story 4-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$2700

HUNGALOW
(3875) LOT 1, MAP OF OCEAN VIEW Heights, Oakland. General construction 6-room bungalow.
Owner—Ferd H. Meyer, 5323 Boyd Ave., Oakland.
Designer—Ferd H. Meyer, 5323 Boyd Ave., Oakland.
Contractor—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Filed July 25, 1924. Dated May 1, 1924.
Frame up \$2000
Acceptance 1000
Usual 35 days balance
TOTAL COST—Cost plus 10%
Bond, sureties, forfeit, none. Limit, 120 days after May 1, 1924. Plans and specifications filed.

CLASS A BLDG.
(3876) S SIDE OF BANCROFT WAY, adjoining the existing Berkeley office, Berkeley. General construction except structural steel frame and cast iron bases, 4 stories and basement class A bldg.
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—Chief Engineer.
Contractor—Monson Bros., 251 Kearny St., S. F.
Filed July 24, 1924. Dated July 19, 1924.
First of each month and at completion, 75% of cost of work performed the previous month.
.. 36 days after acceptance 25%
\$150.00 per day bonus if finished before time limit.

Bond, yes. Sureties, Hartford Accident & Indemnity Co. Forfeit, \$150.00 per day. Limit, 50 days after structural steel is up. Plans and specifications filed.

APARTMENTS
(3877) NO. 2228 DERBY, Berkeley. Apartments and garage.
Owner—Max W. Koenig, Bank of Italy Bldg., Oakland.
Architect—None.
Contractor—K. A. Johanson, 2429 13th Ave., Oakland. \$14,000

DWELLING
(3878) NO. 2323 HEARST AVE., Berkeley. Dwelling.
Owner—H. R. Wetmore, 20 Hillcrest Rd., Berkeley.
Architect—Walter T. Steilberg, 1 Orchard Lane Ave., Berkeley.
Contractor—H. K. Schulz, 2100 Virginia St., Berkeley. \$11,300

DWELLING
(3879) NO. 1809 CURTIS, Berkeley. Dwelling.
Owner—H. Kemp, 1810 Curtis St., Berkeley.
Architect—J. E. Juster, Berkeley.
Contractor—J. Kemp, 1210 Curtis St., Berkeley. \$2000

DWELLING
(3880) NO. 705 CONTRA COSTA AVE., Berkeley. Dwelling and garage.
Owner—Fred E. Beck, Sequoia Apts., Berkeley.
Designer—J. Harry Smith, 855 The Alameda, Berkeley.
Contractor—J. Harry Smith, 855 The Alameda, Berkeley. \$6000

DWELLING
(3881) NO. 1225 TALBOT AVE., Berkeley. Dwelling.
Owner—C. W. Ericsson, 1319 Addison St., Berkeley.
Designer—C. W. Ericsson, 1319 Addison St., Berkeley. \$2500

DWELLING
(3882) NO. 2527 CEDAR ST., Berkeley. Dwelling.
Owner—Mrs. E. E. Fisher, 2327 Cragmont Ave., Berkeley.
Architect—E. S. Riddell, 2327 Cragmont Ave., Berkeley. \$9000

DWELLING
(3883) NO. 1334 ALBINA AVE., Berkeley. Dwelling.
Owner—Robert E. Nielson, 1201 Bancroft Way, Berkeley.
Designer—Robert E. Nielson, 1201 Bancroft Way, Berkeley. \$3000

DWELLING
(3884) NO. 1518 EXCELSIOR AVE., Oakland. One-story 5-room dwlg.
Owner—Edna Gleason, Ardley St., Okd.
Architect—None.
Contractor—Nylander Bros., 1616 Excelsior Ave., Oakland. \$3500

GARAGE
(3885) S TWENTY-SIXTH 250 W Broadway, Oakland. One-story brick garage.
Owner—Mrs. Nellie M. Osborn, Key Route Inn, Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. \$2000

DWELLING
(3886) S SAN JUAN 50 E 38th Ave., Oakland. One-story 5-room dwelling and garage.
Owner—Chas. Anderson, 3815 San Juan St., Oakland.
Architect—None.
Contractor—M. Neergard, 3540 Rhoda Ave., Oakland. \$4150

DWELLING
(3887) NO. 1550 HAMPEL, Oakland. One-story 5-room dwelling and garage.
Owner—Samuel Moe, 4001 Woodruff Ave., Oakland.
Architect—None. \$4150

DWELLING
(3888) NO. 3145 HIGH, Oakland. One story 5-room dwelling.
Owner—P. F. Augusting, Premises.
Architect—None.
Contractor—L. O. Hansson, 1419 Bonita Ave., Piedmont. \$3000

DWELLING
(3889) W PERALTA AVE., 500 N Carmel, Oakland. One-story 4-room dwelling.
Owner—M. E. Gallagher, 3987 Peralta Ave., Oakland.
Architect—None. \$1900

DWELLING
(3890) N MONADNOCK WAY 75 E Seminary Ave., Oakland. One and one-half-story 7-room dwelling.
Owner—Frank Bailey, 6167 Mauretania Ave., Oakland.
Architect—None. \$5000

DWELLING
(3891) NO. 606 ALMA AVE., Oakland. One-story 5-room dwelling.
Owner—A. Dunwoody, 1442 14th Ave., Oakland.
Architect—None. \$3500

STORES
(3892) NO. 1548-50-52-54-56-58 HOPKINS ST., Berkeley. Stores.
Owner—Clarence E. Condon, 1128 Shattuck Ave., Berkeley.
Designer—Roy O. Long & Co., 2114 Shattuck Ave., Berkeley.
Contractor—Roy O. Long & Co., 2114 Shattuck Ave., Berkeley. \$16,700

DWELLING
(3893) 2318 HILGARD AVE., Berkeley. Dwelling.
Owner—Jennie L. Bangle, 2632 Hille-gass Ave., Berkeley.
Architect—J. W. Oliver, Fruitvale, Cal.
Contractor—W. E. Maurer, 2632 Hille-gass, Berkeley. \$3000

ALTERATIONS
(3894) 1351 HOPKINS ST., Berkeley. Alterations.
Owner—J. P. Becker, 1351 Hopkins St., Berkeley.
Architect—None.
Contractor—C. E. Verr, 3431 Elm St., Oakland. \$1000

DWELLING
(3895) 135 HILLCREST AVENUE, Berkeley. Dwelling and garage.
Owner—Grace I. Thornton, 193 Hillcrest Ave., Berkeley.
Designer & Contractor—Louis Engler, 234 Forest Ave., Berkeley. \$3000

RESIDENCE
(3896) 2845 GARBET ST., Berkeley. Residence.
Owner—Mrs. L. M. Lloyd, 2844 Garber St., Berkeley.
Arch. & Contractor—Williams & Was-tell, 601 American Bank Bldg., Oakland. \$12,000

STORES & DWELLING

(3897) 1633-35-37 SAN PABLO AVE., Berkeley. Stores and dwelling.
Owner—Mr. Guarnieri, 1620 Kaines Ave. Berkeley.
Arch't & Contractor—W. A. Walker, 545 17th St., Oakland. \$10,000

DWELLING
(3932) 650 TRESTLE GLEN ROAD, Oakland. 2-story 9-room dwelling and garage.
Owner—P. Horst, 223 Walsworth Ave., Oakland.
Architect—None.
Contractor—A. H. Faust, 910 Santa Clara Ave., Alameda. \$10,300

DWELLING
(3899) 1497 66th Ave., Oakland. 1-sto. 6-room dwelling and garage.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. \$4300

DWELLING
(3900) 6130 MESABA AVE. (rear), Oakland. 1-story 2-room dwelling.
Owner—A. C. Thurman, 3916 Harbor View Ave., Oakland.
Architect—None. \$1000

DWELLING
(3901) W TWENTY-FOURTH AVE. 130 S E-22nd St., Oakland. 1-story 6-room dwelling and garage.
Owner—Helen O. W. Nielsen, 2426 24th Ave., Oakland.
Architect—None.
Contractor—J. C. Nielsen, 849 Athens Ave., Oakland. \$4500

DWELLING
(3902) N FIFTY-FIFTH ST. 50 W Genoa St., Oakland. 1-story 4-room dwelling.
Owner—M. L. Sellers, 5816 Adeline St., Oakland.
Architect—None.
Contractor—M. W. Crocker, 5816 Adeline St., Oakland. \$2000

DWELLING
(3903) E SIXTY-SECOND AVE. 100 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Anton Feist, 921 Market St., Oakland.
Architect—None.
Contractor—J. D. Carper, 1124 Hampel St., Oakland. \$2400

DWELLING
(3904) E SEVENTY-THIRD AVE. 175 S Foothill Blvd., Oakland. 2-story 6-room dwelling.
Owner—G. F. Lewis, 1630 101st Ave., Oakland.
Architect—None. \$2500

DWELLING
(3905) S BOND ST. 100 W 54th Ave., Oakland. 1-story 8-room 2-family dwelling.
Owner—Mrs. E. B. Brumley, 1027 High St., Oakland.
Architect—None.
Contractor—Hall & Harris, 3833 Telegraph Ave., Oakland. \$7100

DWELLING
(3906) N HOPKINS ST. 300 E Laurel Ave., Oakland. 1-story 5-room dwlg
Owner—August Roseberg, 1712 48th Ave., Oakland.
Architect—None. \$5000

DWELLING
(3907) 3601 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—M. Gregory, 3601 Fruitvale Ave., Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. \$3700

DWELLING
(3908) 5378 BRYANT AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—John Peter Latora.
Architect—None.
Contractor—W. M. Holton 2106 9th Ave., Oakland. \$4500

DWELLING
(3909) 5382 BRYANT AVE., Oakland. 1-story 5-room dwelling & garage.
Owner—John C. Evans, Jr.
Architect—None.
Contractor—W. M. Holton, 2106 9th Ave., Oakland. \$4500

DWELLING

(3910) S MEADOW ST. 80 Harrington Ave., Oakland. 1-story 4-room dwlg
Owner—L. E. Close, 1636 50th Ave., Oakland.
Architect—None.
Contractor—C. A. Rogers, 240 Wayne Ave., Oakland. \$2700

DWELLING
(3911) E SIXTY-FIRST AVE. 175 S Trenor St., Oakland. 1-story 5-room dwelling and garage.
Owner—H. D. Badger, Thayer Bldg., Oakland.
Architect—None.
Contractor—John Tell, 3123 63rd Ave., Oakland. \$3650

DWELLING
(3912) E BOSTON AVE. 165 N Hopkins St., Oakland. 1-story 5-room dwelling and garage.
Owner—N. C. Jordan, 3125 Champion St., Oakland.
Architect—None. \$3600

(3913) N MESABA AVE. 65 W 64th Ave., Oakland. 1-story 5-room dwelling.
Owner—E. L. Williams, 3387 64th Ave., Oakland.
Architect—None. \$3000

READING ROOM
(3914) NW COR. FORTY-FIRST AND Gilbert Sts., Oakland. 1-story reading room.
Owner—Sixth Church of Christ Scientist, 41st and Gilbert Sts., Oakland.
Architect—None.
Contractor—F. W. Maurice, 505 East 22nd St., Oakland. \$3350

STORAGE SHED
(3915) SW COR. TWENTY-FIRST & Adeline Sts., Oakland. 1-story steel storage shed.
Owner—East Bay Water Co., 512 16th St., Oakland.
Architect—None. \$7500

LAUNDRY
(3916) S SIXTY-FIFTH ST. 90 E Valjejo St., Oakland. 1-story brick laundry.
Owner—Joe Betmon, 5932 San Pablo Ave., Oakland.
Architect—None.
Contractor—N. Gaubert, 4735 Brookdale Ave., Oakland. \$5000

ALTERATIONS
(3917) N TWELFTH ST. 125 W Clay St., Oakland. Alterations.
Owner—Oakland Orpheum Co., 572 12th St., Oakland.
Architect—None.
Contractor—MacDonald & Kahn, 405 Tapscott Bldg., Oakland. \$1500

DWELLING
(3918) N E STREET 300 W 98th Ave., Oakland. 1-story 4-room dwelling.
Owner—I. Beroggi, 9612 E. Oakland.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada St., Oakland. \$3000

(3919) NO. 2065 SAN ANTONIA AVE., Berkeley. Dwelling.
Owner—E. Crystal, 191 Center St., Berkeley.
Architect—None.
Contractor—P. L. Crane, 1188 Arch St., Berkeley. \$7000

DWELLING
(3920) NO. 1161 MARTINEZ AVE., Berkeley. Dwelling.
Owner—J. E. Marquis, 2350 Ellsworth St., Berkeley.
Designer—J. R. Herman.
Contractor—H. Pierson, 1211 Keeler Ave., Berkeley. \$3000

DWELLING
(3921) NO. 1337 CALIFORNIA ST., Berkeley. Dwelling.
Owner—J. E. Marquis, 2045 Shattuck Ave., Berkeley.
Designer—P. E. Marquis, 2045 Shattuck Ave., Berkeley. \$3000

DWELLING
(3922) NO. 1737 CURTIS, Berkeley. Dwelling.
Owner—F. Pierria, 365 Willow St., Oakland.
Designer—Ray Connor, 2343 Hopkins St., Oakland.
Contractor—Ray Connor, 2343 Hopkins St., Oakland. \$2900

FLATS & STORES
(3923) W BROADWAY 110 N 41st St., Oakland. 2-story 8-room flats and stores.
Owner—A. C. Kleppinger, 40th and Broadway, Oakland.
Architect—None.
Contractor—Hansen, Robertson and Zumwalt, 4145 Bdwy., Oakland. \$10,000

DWELLING
(3924) 1540 FIFTY-SECOND AVENUE Oakland. 1-story 6-room dwelling.
Owner—John Castanho, 1628 51st Ave., Oakland.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. \$4500

DWELLING
(3925) 6126 OCEAN VIEW DRIVE, Oakland. 2-story 9-room dwelling.
Owner—W. H. Picard, 477 Hardy, Oakland.
Architect—None.
Contractor—E. T. Henderson, 5744 Keith Ave., Oakland. \$10,000

DWELLING
(3926) 519 KENMORE AVE., Oakland. 1-story 6-room dwelling.
Owner—Campau-Hall Building Corp., 5723 College Ave., Oakland.
Architect—None. \$5500

DWELLING
(3927) 5816 EAST SEVENTEENTH ST Oakland. 1-story 4-room dwelling and garage.
Owner—Hill & Watters, 1600 High St., Oakland.
Architect—None. \$2750

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLINGS
(3928) 5324 & 5318 NORMANDIE ST., Oakland, 1-story 6-room dwelling and 1-story 6-room dwelling and garages.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. \$3150 & \$3750

ALTERATIONS & ADDITION
(3929) 362 THIRTY-FIFTH STREET, Oakland, Alterations and addition.
Owner—Minnie Perkins, 362 35th St., Oakland.
Architect—None.
Contractor—H. L. Hayden, 351 12th St., Oakland. \$1000

DWELLING
(3930) E ADELL COURT 72 N Montana St., Oakland, 1-story 4-room dwelling.
Owner—Chas. Ungaretti & Son, 1393 18th St., Oakland.
Architect—None. \$3000

DWELLING
(3931) S NICHOL AVE. 90 E Delvill Ave., Oakland, 1-story 6-room dwlg
Owner—Ora May Altman, 1641 46th Ave., Oakland.
Architect—None.
Contractor—Clay Altman, 1641 46th Ave., Oakland. \$2500

ADDITION
(3932) SW COR SAN PABLO & STANFORD Aves., Oakland, 2-story addition.
Owner—F. H. Yick, 300 8th St., Oakland.
Architect—L. F. Hyde, 372 Hanover Way, Oakland. \$11,000

DWELLING
(3933) NE COR. KENWYN RD. AND McKinley St., Oakland, 1-story 6-room dwelling.
Owner—Fred T. Wood, 417 15th St., Oakland.
Architect—None.
Contractor—Brown-Williams & Wasell, 601 American Bank Building, Oakland. \$8000

APARTMENTS
(3934) SW COR. FIFTY-THIRD AND Genoa Sts., Oakland, 2-story 12-room apartments.
Owner—Adolph Peterson, 855 53rd St., Oakland.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. \$11,000

GARAGE
(3935) 1676-78 SEVENTH ST., Oakland, 1-story concrete tile garage.
Owner—W. M. Fakroy, 1666 7th St., Oakland.
Architect—None.
Contractor—Nettles & Randolph, 804 Filbert St., Oakland. \$2800

ADDITION
(3936) N TRENOT ST. 30 E Seminary Ave., Oakland, Addition.
Owner—M. Wronski, 5819 Trenor St., Oakland.
Architect—None. \$1500

ALTERATIONS
(3937) 1614 THIRTEENTH AVENUE, Oakland, Alterations.
Owner—J. Canelis, 1614 13th Ave., Oakland.
Architect—None.
Contractor—Downie & Grandmer, 437 East 16th St., Oakland. \$3000

DWELLING
(3938) E MCINTYRE ST. 265 S 10th Ave., Oakland, 1-story 5-rm dwlg.
Owner—Cummins & White, Cor Durant and E-14th St., Oakland.
Architect—None. \$3750

OFFICE & SHED
(3939) 2754 EAST FOURTEENTH ST., Oakland, 2-story office and shed.
Owner—Forster Lumber & Mill Co., 2574 East 14th St., Oakland.
Architect—None. \$1000

DWELLING
(3940) S HALLIDAY AVE. 440 E 73rd Ave., Oakland, 1-story 4-room dwlg and garage.
Owner—Fred Baumann, 2000 45th Ave., Oakland.
Architect—None. \$2900

DWELLING
(3941) W BRESSLEY WAY, 300 S Chabot Rd., Oakland, 1-story 6-rm dwelling.

Owner—Scott & Sayer, 5901 College Ave., Oakland.
Architect—None.
Contractor—J. W. Mogk, 4411 Pampas Ave., Oakland. \$6000

DWELLING
(3942) LOT 135 FOREST HILL PARK, Oakland, 1-story 4-room dwelling.
Owner—Wickham Havens, Inc., 15th & Franklin Sts., Oakland.
Architect—None.
Contractor—Theo. Victors, 818 Lincoln Ave., Alameda. \$2500

DWELLING
(3943) BEG. AT A PT. IN CENTER line of county road bet. Hayward and Russell station known as County Road No. 1009, dist. W 608.68 ft. from the common cot. 18 plots X and W of the So. 1/2 of the Soto Rancho, thence SW 83 ft. NW 840.14 ft. NE 83 ft. SE 844.14 ft. to pt. of beginning. General construction 5-room plastered dwelling.
Owner—Henry Schroeder and Christina Schroeder, Eden Twp.
Architect—Jos. Flittner, 1700 35th Ave., Oakland.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed July 29, 1924. Dated July 28, 1924.
When frame is up \$985.
When first coat plaster is on. . . 985.
When completed 985.
Usual 35 days TOTAL COST, \$3940.
Bond, sureties, none. Forfeit, \$1.00 per day. Limit, 90 working days from July 30, 1924. Plans and specifications filed.

APARTMENTS
(3944) NW COR. OF BRUSH AND 12th Sts., Oakland, General construction 3-story brick apartment bldg.
Owner—Hart H. North and E. M. North, 241 Prospect St., Berkeley.
Architect—Julia Morgan, Merchants Exchange Bldg., S. F.
Contractor—Roscoe W. Littlefield, 357 12th, Oakland.
Filed July 29, 1924. Dated July 22, 1924.
Of labor and materials incorporated 75%.
Usual 35 days 25%.
TOTAL COST, \$84,018.
Bond, sureties, forfeit, none. Limit without delay. Plans and specifications filed.

DWELLING
(3945) 1038 SHATTUCK AVE., Berkeley, Dwelling.
Owner—R. S. Martin, Bonita Avenue, Berkeley.
Designer & Contractor—R. R. Bixley, 2447 1/2 Webster St., Berkeley. \$8000

DWELLING
(3946) 1625 SACRAMENTO ST., Berkeley, Dwelling.
Owner—Designer & Contractor—John Wishart, 1074 62nd St., Oakland. \$3300

DWELLING
(3947) 1839 VIRGINIA ST., Berkeley, Dwelling.
Owner—W. G. May, 1817 Hearst Ave., Berkeley.
Designer & Contractor—May Bros, 1817 Hearst Ave., Berkeley. \$4000

DWELLING
(3948) 638 PERALTA AVE., Berkeley, Dwelling.
Owner—G. M. Ralston 1802 Le Roy Ave Berkeley.
Architect—F. W. Anderson, Telegraph Ave., Oakland.
Contractor—M. J. Ralston, 1802 Le Roy Ave., Berkeley. \$3800

DWELLING
(3949) 1704 SOLAN AVE., Berkeley, Dwelling.
Owner—Elizabeth Woods, 1704 Solano Ave., Berkeley.
Architect—W. C. Bartges, 2114 Shattuck Ave., Berkeley.
Contractor—A. S. Woods, 1704 Solano Ave., Berkeley. \$4000

DWELLING
(3450) 939 FRESNO AVE., Berkeley, Dwelling.
Owner—E. R. Hawkinson, 3117 College Ave., Berkeley.
Architect—E. W. Hyde, 3384 Arkansas St., Oakland. \$5000

DWELLING
(3451) 2940 ASHBY AVE., Berkeley, Dwelling.
Owner, Designer & Contractor—J. W. Brazier, 1912 Blake St., Berkeley. \$4500

DWELLING
(3952) 360 STATEN AVE., Oakland, 1-story 5-room dwelling.
Owner—A. DePeuy, Daisiel Bldg., Oakland.
Architect—None.
Contractor—John Whalen, 407 Federal Bldg., Oakland. \$5000

APARTMENTS
(3953) SE THIRTY-EIGHTH ST. 120 E Bruce St., Oakland, 2-story 16-room apartments and garage.
Owner—S. G. McDonough, 1425 Franklin St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 1426 Franklin St., Oakland. \$17,000

DWELLING
(3954) 2466 SIXTY-SEVENTH AVE., Oakland, 2-story 7-room dwelling and garage.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor—R. E. Lapham, 2451 61st Ave., Oakland. \$7500

DWELLING
(3955) E ONE HUNDRED SIXTH AVE 350 N Foothill Blvd., Oakland, 1-story 5-room dwelling and garage.
Owner—McAnulty Brothers, 106th Ave and Foothill Blvd., Oakland.
Architect—None. \$3250

DWELLING
(3956) N LAVERNE AVE. 120 W Foothill Blvd., Oakland, 1-story 5-room dwelling and garage.
Owner—L. Unterchrer, 5233 Foothill Blvd., Oakland.
Architect—None.
Contractor—Bell & Evans, 3582 Fruitvale Ave., Oakland. \$4625

STORES
(3957) N E-FOURTEENTH ST. No. 9300, Oakland, 1 1/2-story stores.
Owner—A. Butro, 9304 East 14th St., Oakland.
Architect—None.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland. \$2000

DWELLING
(3958) N FLEMING AVE 477 E Courtland Ave., Oakland, 1-story 6-room dwelling and garage.
Owner—Geo. B. Davis, 3283 Hyde Street Oakland.
Architect—None. \$4300

(3959) N E-TWENTY-SEVENTH ST. 50 W Peralta Ave., Oakland, 1-story 4 room dwelling.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. \$2000

DWELLING
(3960) NW COR. PERALTA AVE & E 27th St., Oakland, 1-story 4-room dwelling.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. \$2000

DWELLING
(3961) N TRESTLE GLEN RD. 90 E Sunnyhill Rd., Oakland, 1-story 6-room dwelling.
Owner—Morgensen Bros., 5664 Broadway, Oakland.
Architect—None. \$5000

ADDITION
(3962) 5475 COLLEGE AVE., Oakland, Addition.
Owner—Max Reed, 5475 College Ave., Oakland.
Architect—None.
Contractor—Morgensen Bros., 5664 Broadway, Oakland. \$6000

ALTERATIONS
(3963) 1667 SEVENTH ST., Oakland, Alterations and additions.
Owner—Joe Curad, 1657 7th St., Oakland.
Architect—None.
Contractor—J. J. Hauri, 822 56th St., Oakland. \$3300

DWELLING & STORE
(3964) W SEVENTY-THIRD AVE. 105 N Bissell St., Oakland, 1-story 3-room dwelling and store.

Owner—Rosa E. London, 1917 73rd Ave
Oakland.
Architect—None.
Contractor—Wm. C. Post, 7216 Bissell
St., Oakland. \$1500

DWELLING

(3965) 1 N HOPKINS ST. 250 W Bruce
St., Oakland. 1-story 6-room dwlg.
Owner—A. Feige, 6th and Alice Sts.,
Oakland.

Architect—None.

Contractor—L. W. Roth, 1340 East 38th
St., Oakland. \$6000

BUILDING

(3966) LOT 20 AND S 10 FT OF LOT
19 Blk G Map Resubdivision of
Blks H & G of Alton Park, Oak
Twp. All work for 2-story frame
building.

Owner—A. C. and L. Colleen Kleppinger,
40th and Broadway, Oakland.
Architect—M. Nichols.

Contractor—Hansen, Robertson and
Zumwalt, 4145 Broadway, Oakland

Filed July 30, 1924. Dated July 28, 1924

Frame up \$2614

Plastered 2614

Collected and accepted 2614

Usual 35 days 2614

TOTAL COST, \$10,456

Bond, forfeit, none; Limit, 50 working
days; Plans and specifications filed.

NOTE—Permit reported July 30, 1924
No. 3923.

THEATRE

(3967) LOT 25 AND POR OF LOTS
21 24 26 28 29 & 30 Map of Madison
Square, Elmhurst, Alameda County
Lathing, plastering, staff work for
theatre building.

Owner—Junior Monarch Hay Press Co.
701 Parrot, San Leandro.

Architect—A. W. Cornelius, Merchants
Natl. Bank Bldg., San Francisco.

Contractor—C. Page, 732 Mandana
Blvd., Oakland.

Filed July 29, 1924. Dated July 24, 1924

Pay roll advanced weekly.

Balance paid usual 35 days.

TOTAL COST, \$7500

Bond, \$—; Sureties, J. L. Sweeney; Forfeit,
none; Limit, 50 working days;
Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
July 1, 1924—POR. LOTS 1 AND 2
Blk. F, Map of Central Piedmont
Tract, Oakland Twp. Wilder Wight
to Wilder Wight July 1, 1924
July 24, 1924—POR. LOT 8, Blk. 16
Map Resub. of a portion of Broad-
moor, Oakland. Cummins & White
to Oakland Home Builders Co., Inc.
July 24, 1924—AND 32 RIO
Vista Ave., Oakland. W. R. Tay-
lor by M. G. Kendall, agent, to
Calif. Builders Co. July 24
July 24, 1924—1520 AND 1522 37TH
Ave., Oakland. Mrs. Clara Bouter-
ious to Frank Boerner July 24
July 23, 1924—N SIDE CENTRAL
Ave. 60 W. of Grand St., Alameda.
Grand-Central Builders and S. Kal-
iski to Architects, Morrow & Gar-
ren July 21, 1924
July 23, 1924—W SIDE GRAND ST.
148 N. of Central Ave., Alameda.
Grand-Central Builders and S. Kal-
iski to Architects, Morrow & Gar-
ren July 21, 1924
July 23, 1924—W SIDE OF GRAND
ST. 100 N. of Central Ave., Alameda.
Grand-Central Builders and S. Kal-
iski to Architects, Morrow & Gar-
ren July 21, 1924
July 23, 1924—POR LOTS 1 2 3 & 4
Blk 5 Map Solano Avenue Terrace,
Berkeley. C. H. Fox to Fox Bros.
Berkeley. C. H. Fox to July 22, 1924
July 23, 1924—SE COR. FORTY-
second and Lusk Streets, Oakland.
Michele Cordano to Gustaf Johan-
son July 22, 1924
July 23, 1924—LOT 13 BLK 13 KIN-
sell Tract No. 2 Brooklyn Twp.
William Shields to whom it may
concern July 22, 1924
July 23, 1924—LOT 8 ELMWOOD
Court Tract, Berkeley. W. A. New-
man to Albert N. Johnson, July 16, '24
July 23, 1924—NE COR. PRESLEY
Way and Shafter Ave., Oakland.
C. E. Pugh and A. Goldsworth to
whom it may concern July 21, 1924
July 23, 1924—E SIDE PRESLEY
Way 40 N. of Shafter Ave., Oak-

land. C. E. Pugh and A. Goldsworth
to whom it may concern July 21, '24
July 23, 1924—BEG AT A POINT ON
N line of Excelsior Ave. dist. 100
E of Bruce St. thence E 33 N 90
W 88 S 90 to pt. of beg, Oakland.
L. C. Fish to whom it may concern
..... July 22, 1924
July 25, 1924—LOT 2 BLK 2 THOUS-
and Oaks Court, Berkeley. W. M.
Demin to J. Harry Smith, agt.
to whom it may concern July 20, '24
July 25, 1924—LOT 3 BLK 8 THOUS-
and Oaks Tract, Berkeley. W. M.
Demin to J. Harry Smith, agt.
to whom it may concern July 18, '24
July 25, 1924—LOT 48 & NE 1/2 OF
LOT 49 Blk L Map of the Hemphill
Tract, Brooklyn Twp. W. C. Allen
to whom it may concern July 24, '24
July 25, 1924—LOT 1 BLK 37 Amend-
ed Map of Fairmont Park, Albany,
Alameda Co. R. Y. Hanlon to
Anderson & Anderson July 24, 1924
July 25, 1924—1512 SCENIC AVENUE
Berkeley. M. R. Milton C. Everett
R., Elizabeth and William Bur-
gess Dempster to S. S. Berglund
..... July 22, 1924
July 25, 1924—2950 & 2952 HOP-
kins St., Oakland. Andrew Fleming
and John Fleming to whom it may
concern July 24, 1924
July 25, 1924—LOT 8 BLK 8 Map
Lakemont, Oakland. C. E. Rice to
whom it may concern June 24, 1924
July 25, 1924—POR LOTS 2 & 3 BLK
13 Map Leachore Brook, Oakland.
August F. Grassman to whom
it may concern July 21, 1924
July 25, 1924—4214 4216 4218 4220
4222 Broadway, Oakland. George
Edgerton to A. Ortiz July 24, 1924
July 25, 1924—LOT 37 & SE 1/2 OF
LOT 38 Blk 8 Map Everett Tract
etc. Brooklyn Twp. Hattie A. Pitka
to whom it may concern July 25, 1924
July 25, 1924—LOT 2 MAP OCEAN
View Heights, Oakland. F. H. Meyer
to H. C. Pirane July 23, 1924
July 24, 1924—ROOM AT A POINT ON
E line of Bay Avenue, the same
being W corner of a certain piece
of land heretofore conveyed by
Robert Simpson to Pacific Reduc-
tion Works by deed recorded in
Lib. 96 of Deeds page 40 Records
of Alameda County, thence SE
200.2 SW 339.83 NW 106.72; NE
409.25 to the pt. of beginning. Na-
cific Gas and Electric Co. to Geo.
J. Appel (Alaska Sheet Metal Wks)
..... July 14, 1924
July 26, 1924—LOT 16 BLK 2, Thous-
and Oaks Tract, Oakland. Geo.
Twp. J. R. Heath to G. R. Heath and
G. H. Wendt July 19, 1924
July 26, 1924—N 59.50 LOT No. 45,
Map of Wilmarth Park, Oakland.
Elmer W. West to whom it may
concern July 25, 1924
July 26, 1924—SW 1/4 LOT 142 and all
lots 143, 144, 145, 146, 147, 148 and
149 Blk 21, Havenscourt. F.
Fallerson to whom it may concern
..... July 24, 1924
July 26, 1924—BEG AT INTERSEC-
TION OF SW line of Castro St. with
SW line of A St. thence W along
Castro St. joining the 27 at Cor. of
Castro and A on the E. Haywards.
Jean Marie Bayes to A. F. Hanson
..... July 23, 1924
July 26, 1924—LOT 23 Map of Hill-
side, No. 2, Piedmont. Lillian
H. Sherman to Charles W. Diener
..... July 26, 1924
July 26, 1924—LOT 3 BLK 8, Map of
Broadmoor Tract, Oakland. Hill
Corp. to J. D. Campbell-Hall Bldg.
Corp. July 26, 1924
July 26, 1924—NO. 948 CHANNING
Way, Berkeley. Lorenza and
Ygnacia Campagna to John Pass-
on July 26, 1924
July 25, 1924—NO. 903 VENTURA AV.
Albany. Mabel M. Bramlage to E. D.
Bramlage July 24, 1924
July 28, 1924—2323 23RD AVE. W. B.
Nelson, Margaret Nelson and W. B.
Nelson to Murphy F. Hamilton.
..... July 23, 1924
July 28, 1924—1526 SAN LORENZO
Ave., Berkeley. C. H. Fox to Fox
Bros. July 25, 1924
July 28, 1924—1618 ACTON STREET,
Berkeley. C. H. Fox to Fox Bros.
..... July 25, 1924
July 28, 1924—LOT 116 AVE. 55
ft. of Lot 117, Map of Redwood
Park, Brooklyn Tp. Geo. Smith to
whom it may concern July 26, 1924
July 28, 1924—BEG AT A POINT
SW side of Pothill Blvd., 213 NW

from Seminary Ave., thence NW 25
thence at an obtuse angle W 141,
thence S 26-6 thence E to pt. of beg.
Leone C. Modlin to G. L. Pasqua-
letti July 19, 1924
July 28, 1924—LOT 42, BLOCK 36,
Amended Map of Fairmont Park,
Berkeley. Mabel M. Bramlage to
M. J. Raistrick July 28, 1924
July 28, 1924—2650 AND 2651 UNI-
versity Ave., Berkeley. Fred C.
Koerber and Henry C. Pischoff to
Berkeley Bldg. Co. July 28, 1924
July 29, 1924—LOTS 4 AND 10 BLK
D, Map No. 2, Highland Terrace
Tract, Oakland. E. L. Ormsby by
M. G. Kendall, Agent to California
Builders Co. July 29, 1924
July 29, 1924—LOT 25 BLK 4, East
Lawn Tract, Oakland. W. E. Murlin
by C. A. Shipman, Agent to whom
it may concern July 29, 1924
July 29, 1924—3827 SPTLY BIRTH-
Ave., Oakland. Paul Louis Kick
to whom it may concern July 29, '24
July 29, 1924—LOTS 11 AND 12 and
Ptn. Lots 50 and 51 Map College
Tract, Berkeley. Rebecca J. P.
to F. P. McKeon July 18, 1924
July 29, 1924—PTN LOTS 23 AND 24
Oakland Highland Addn, Oakland.
Thomas J. Fee to whom it may
concern July 25, 1924
July 29, 1924—PTN LOTS 23 AND 24
Oakland Highlands Addn, Oakland.
Thomas J. Fee to whom it may con-
cern July 25, 1924
July 29, 1924—2667 DELAWARE ST.
Oakland. Thomas J. Fee to whom
it may concern July 25, 1924
July 29, 1924—633 FORTIETH ST.,
Oakland. Eliza M. Coeber to
whom it may concern July 26, 1924
July 29, 1924—N BOND 50 W Fairfax
Ave., Oakland. Joseph Donlan to
whom it may concern July 26, 1924
July 29, 1924—LOT 10 Map of
Lakewood Park, Piedmont.
A. Greystad and J. H. Norlen to whom
it may concern June 21, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
July 2, 1924—LOT 13 MAP OF FLO- rence Jones Tct No. 2 Brooklyn twp	
Henry Cowell Lime & Cement Co. vs Genevieve Richands and H. Hen- drick	\$4.25
July 23, 1924—W 15TH AVE. 75 N E-15th St., Oakland. O. K. Brown (Hoosier Store) vs Martin Manta- lin	\$757.56
July 23, 1924—LOT 16 & Ptn 105 Blk 20 Map of Hillside, No. 2, Pie- dmont. Alameda Co. Sunset Lumber Co. vs R. V. Madsen & Jessie H. Mad- sen and Jas. Antell	\$340.82
July 23, 1924—LOT 16 BLK 6 Ptn Lakemont, Oakland. Robert Howden Jr. vs J. Watson Howden as Robt vs D. C. Estes	\$100.50
July 23, 1924—POR. OF PLOT NO. 51 Kellerberger's Map of the Ranchos of Vicente and Domingo Peralta, Alameda County. James H. Laven- son and Earle G. Alexander (Alex- ander and Lavenson Electrical Supply Co.) vs John Conant Thompson, Reidsville, Elec. Co.	\$38.27
July 23, 1924—LOT 38 MAP CROCK- er Highlands, Oakland Twp. Fred Chandler vs Jesse H. Woods, The San Francisco Builders & Inc. Co.	\$14.67
July 24, 1924—LOT 116 MAP OF Glenwood, Oakland. F. E. Nel- son and P. A. Anderson (Nelson Lumber Co.) vs. Frederick Dubov- sky, Villa Site and Developments Co. and Harry Vessel	\$227.75
July 24, 1924—COM. AT A POINT on W line of Webster St., 45 ft. N of Delger of 20th St. thence N 42 ft. NW 33.61 ft. S 63.63 ft. E 16.01 ft. to pt. of beg. Richard Ove vs Olede Daley	\$905.25
July 26, 1924—LOT 8 BLK 17, Daley's Scenic Park, Berkeley. Thomas F. Rigney (as The Rigney Tract) vs Bernard Roy and Alice W. Bowron and San Francisco Builders, Inc.	\$430.50
July 26, 1924—LOT 8 BLK 7, Daley's Scenic Park, Berkeley. Milton I. Bernard (as M I Bernard & Co) vs Bernard Roy and Alice W. Bowron and S. F. Eldrs, Inc.	\$166.37
July 26, 1924—S 25 LOT 116 and Lot 40 Map of Redwood Tract, Oakland. Alfred Peterson vs R E Burns	\$1819.77

July 26, 1924—85 LOT 11 and N 25
Lot 10, Matteo Raynolds Tract, Oak-
land, E. Goodrich Bangs vs. R. E.
Peters \$339.01

July 25, 1924—E SIDE THIRD AVE.,
about 120 N. of 14th St., Oakland.
A. E. Page vs. J. E. Donnelly, Bertha
M. Donnelly \$182.66

July 25, 1924—TWELFTH AND OAK
Sts., Oakland, Judson, Manufacturer,
Inc. vs. M. F. Smith, Murch-
Williams Construction Co., \$375.03

July 29, 1924—LOTS 125 AND 126
Blk 34 Map of Havenscourt, Oak-
land, Arnesen Hardware Floor, Inc.
vs. M. Smith, R. E. Robinson and
John Rabund \$617.25

July 29, 1924—LOT 8 BLK 17, Daleys
Secord Park, Berkeley, J. R. Hen-
nessy vs. R. E. Robinson and San
Francisco Builders Inc. \$36

July 29, 1924—NO. 1030 ASHMOOT
Ave., Oakland, H. L. Call Lumber
Co. vs. J. H. Woods and Angus
C. Cropper \$137.75

July 29, 1924—LOT 12 BLK 6, Lake-
mont Tract, Oakland, B. K. Smith
vs. Smith Co. vs. G. C. Estee \$260

RELEASE OF LIENS

ALAMEDA COUNTY

July 25, 1924—LOTS 47, 48 AND 49
Blk 15, Amended Map of Sunset
Terrace, Oakland, A. I. Bickley and
J. E. Walsh (Bickley & Walsh) to
Narciso Luchese, John Doe, Rich-
ard Roe, Mary Green and Black &
White Co. \$1355

July 24, 1924—FOR LOT 20, MAP
Bellevue Tract, Alameda, S. J.
Pearson, J. Laurence, assignee to
Maude E. Young \$126.20

July 28, 1924—LOT 17, Blk 17
in Block E Map Orland Heights,
Oakland, E. K. Wood Lumber Co. to
R. E. Heur \$256.86

July 23, 1924—LOT 18 & POR LOT 17
Blk E Map Orland Heights, Oak-
land, A. K. Goodman to R. A.
Heur \$123

BUILDING CONTRACTS

SAN MATEO COUNTY

SCHOOL BLDGS
MEDWAY ROAD & EL CENTRO AVE.,
Hillsborough. All work for altera-
tions and additions to school bldgs.
Owner—Hillsborough Grammar School
District, Hillsborough.
Architect—Lewis Hobart, Crocker Bldg
San Francisco.

Contractor—Coast Const. Co., Crocker
Bldg., San Francisco.

Filed July 23, 1924. Dated June 30, 1924.
Roof tiled \$4025
Brown coated \$4025
Completed and accepted \$4025
Usual 35 days \$4025
TOTAL COST, \$16,100

Bond, \$8050; Sureties, Aetna Casualty
Co.; Forfeit, none; Limit, none; Plans
and specifications filed.

RESIDENCE
LOT 39 BLK 1, Burlingame Terrace,
Burlingame. All work for one-
story and basement frame residence
Owner—S. Lawken, 812 Grange St.,
Burlingame.
Architect—None.
Contractor—M. C. Rencle, 728 South E
St., San Mateo.

Filed July 28, 1924. Dated July 22, '24.
Roof on 25%
Plastered 25%
Completed 25%
Usual 35 days 25%
TOTAL COST, \$7128

Bond, none. Limit, 90 working days.
Forfeit, none. Plans and specifications
filed.

BUNGALOW and garage, \$4750; Lot 39
Blk 59 Columbus Ave., Burlingame;
owner, Harry C. Yates.

BUNGALOW and garage, \$2500; Lot 29
Blk 47 Victoria Road, Burlingame;
owner, Mrs. A. H. Harrington.

LUNGALOW, \$5000; Lot 6 Blk 4 Dou-
glas Ave., Burlingame; owner, Pauline
Sparrow, 1138 Douglas Ave.,
Burlingame; contractor, J. Hecken
Remper, 108 Myrtle Ave., Burlingame.

BUNGALOW and garage, \$4000; Lot 3
Blk 61 Hillside Drive, Burlingame;
owner, W. L. Brazelton.

BUNGALOW and garage, \$4000; Lot 2
Blk 61 Hillside Drive, Burlingame;
owner, W. L. Brazelton.

BUNGALOW and garage, \$4500; Lot 7
Blk 10 Mills Ave., Burlingame; own-
er, P. G. Pederson, 1208 Palm Ave.,
Burlingame.

BUNGALOW and garage, \$4950; Lot 2
Blk 46 Drake Ave., Burlingame;
owner, Wm. A. Rathbale, 1129
Bernal Ave., Burlingame.

BUNGALOW, \$4750; Lot 25 Blk. 43
Bernal, Burlingame; owner, Mr.
Horgan; contractor, Allen & Mora-
han.

ALTERATIONS and additions, \$9000;
Lot 10 Blk 18 Ellsworth St. & St. Inez,
San Mateo; owner, S. M. E. Church;
contractor, Leadly & Wiseman, 207
2nd San Mateo.

BUNGALOW and garage, \$7000; Lot 35
Blk L Palm Ave., Hayward Park,
San Mateo; owner, O. J. Brown,
Homestead, San Mateo; contractor,
W. J. Cropper, 1st Ave. Homestead,
San Mateo.

BUNGALOW and garage, \$4500; Lot 3
Blk D 12th Ave., San Mateo; owner
H. Meyer, 141 B St., San Mateo.

BUNGALOW, \$4000; Lot 13 Blk 1st
San Mateo; owner, D. Robinson, 691 1st
Ave., San Mateo; contractor, Mar-
tin Matulich, 927 5th, San Mateo.

RESIDENCE, \$7500; Port Lots 23 & 29
Glazenwood, San Mateo; owner, H.
O. Jenkins, Glazenwood, San Mateo
architect, S. A. Born & Co.; con-
tractor, S. A. Born & Co.

ERET Unit of one church, \$34,000;
Cor. Highway and Howard Ave.,
Burlingame; owner, First M. E.
Church of Burlingame; contractor,
Leadly & Wiseman, 207 2nd St.,
San Mateo.

BUNGALOW, one and one-half-story,
\$4750; Lot 17 Blk 35, Drake Ave.,
Burlingame; owner, R. W. Hurst,
755 Grang Rd., Burlingame.

BUNGALOW and garage, \$4000; Lot 13
Blk 8 Laguna & Laguna Ave., Burlingame;
owner, Mrs. S. W. Root.

BUNGALOW, \$10,000; Lot 28 Hurling-
ham, San Mateo Park; owner,
Tawney Ball, Oldfield; architect,
Ed Sharpe, 60 Sansome, San Mateo;

contractor, Arthur Dusenberry 446
Hurlingham, San Mateo.

ALTERATIONS to dwelling, \$1675; Lot
2 Blk 4 C St., San Mateo;
owner, Frank Nosello, 123 So. C
St., San Mateo; contractor, R. E.
Brodrick, 413 Poplar Ave., S. M.

DWELLING, \$6144; Southern Lot 23
Hurlingham, San Mateo; own-
er, H. J. Brady & J. J. Barnes; con-
tractor, Arthur Dusenberry, 446
Hurlingham, San Mateo.

RESIDENCE, 2-story, \$1000; Bayview
Blvd. south of 3rd Ave., San Mateo;
owner, S. Mortino; contractor, S.
Mortino.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded July 21, 1924—E 1/2 LOT 33 RED-
wood City, Florence I. Stafford to
Ben Zimmerman, July 9, 1924

July 22, 1924—PORT LOTS 11 & 12
Blk 36, Redwood City, to Construction
Co. to Palo Alto, July 19, 1924

July 24, 1924—LOT 8 BLK 23 OAK-
Knoll Manor near Redwood City,
Frank M. and Edith M. Perkins to
L. Kniverton and F. C.
Glazen, July 24, 1924

July 24, 1924—LOT 16 BLK 26 RED-
wood Highlands, W. W. Thompson
to Harry W. Arnold, July 23, 1924

July 24, 1924—LOT 27 & PORT LOT
26 Blk 8, San Carlos, Almira C.
Christy to whom it may concern, July 23, 1924

July 24, 1924—LOT 25 & PORT LOT
26 Blk 8 San Carlos Park, Almira
C. Christy to whom it may concern
July 23, 1924

July 28, 1924—LOT 25 & 40 BLOCK
San Bruno, Joe & Cabrina Di
Besa to Norberg & Wicklund, July 19, 1924

July 28, 1924—LOT 7 R. N. 17 P.D.
wood Highlands, John C. Griffin to
himself, July 23, 1924

July 23, 1924—LOT 2 BLK 8 HIGH
School Park Add. So San Fran-
cisco, Harvey J. and Josephine
Clack to Crescent Bldg. Co., July 19, 1924

July 23, 1924—LOT 6 BLK M Hay-
ward Park, Annie Pattison to Ed
Shaver, July 25, 1924

July 28, 1924—LOT 11 & 111 SUB 2
Wellesly Park, Redwood, Otis M.
Carrington to Ben C. Zimmerman
July 11, 1923

July 29, 1924—LOT 12 BLK 11, Bur-
lingame, Grover Burlingame, Inver-
sard Sorensen to whom it may con-
cern, July 25, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
July 23, 1924—PORT LOT 225 SAN Mateo Park, San Mateo, W. C. Palo- mountain vs Lewis E. White, Wal- ter H. Chase	\$237.11

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE, 5-room, \$6000; Palm Haven
Ave., San Jose, owner, H. Stern,
60 S-lth St., San Jose; contractor,
W. B. Reese, 33rd and Shortridge
St., San Jose.

COTTAGE, \$1950; No. 295 S-Twenty-
third St., San Jose; owner, H. S.
Shaw, Premises; contractor, W. S.
Gardner, 516 Gardner St., San Jose.

COTTAGE, 6-room, \$4800; Auzeais &
Illinois Sts., San Jose; contractor,
F. Savio, 44 N-River St., San Jose.

COTTAGE, 5-room, \$4800; 4th and
Julian Sts., San Jose; owner, Hazel
Brown, Premises; contractor, J. J.
Adrian, 49 Lester Ave., San Jose.

COTTAGE, 5-room and garage, \$1850;
No. 648 Vine St., San Jose; owner,
Geo. Kelly, 648 Orchard St., San
Jose.

COTTAGE, \$1400; Twenty-fourth near
St. John St., San Jose; owner, T. O.
Ennis, 125 N-24th St., San Jose.

STORE and residence, \$5000; Willow
and Palm Sts., San Jose; owner, P.
De Maria; contractor, C. I. Carlson,
4 Menker Ave., San Jose.

COTTAGE, 5-room, \$3200; Clintonia St.
near Riverside St., San Jose; owner,
F. Schultz, Premises; contractor,
E. L. Wolfe, 911 Clintonia St., San
Jose.

COTTAGE, 6-room, \$6000; First near
Taylor St., San Jose; owner, E. O.
Nelson, Premises; contractor, F. C.
Nelson, Premises.

COTTAGE, 5-room, \$6000; No. 13th and
William Sts., San Jose; owner,
Sims & Chapman, 390 Stockton
Ave., San Jose.

COTTAGE, 6-room, \$5000; Thirteenth
St. near William, San Jose; owner,
Wm. M. Lewis, 16th and San Sal-
vador Sts., San Jose.

COTTAGE, 4-room, \$1975; Twenty-first
near Julian, San Jose; owner, P. G.
Varney, Premises.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded July 22, 1924—PTN LOTS 40 AND 39
Blk 1, Euclid Park (R-13), E. A.
San Jose, Walter Altevogt to whom it
may concern, July 22, 1924

July 24, 1924—N 40 LOT 11, La Pa-
loma Tract, San Jose, Lillian de
Havilland to whom it may concern,
July 23, 1924

July 24, 1924—LOTS 47, 48 AND 49
Blk 88, Palo Alto, R. W. Folmer
to whom it may concern, July 25, 1924

July 24, 1924—LOT 12, Lincoln
Residence Park, San Jose, E. R.
Cottle to whom it may concern,
July 24, 1924

July 24, 1924—LOT 13 Washington
Sub., San Jose, Dan Levin to W O
Furtwangler, July 25, 1924

July 25, 1924—LOT 3 Hanchett Court,
San Jose, B. J. Smith to whom it
may concern, July 25, 1924

July 25, 1924—LOT 9 BLK 70, Naglee
Park Tract No. 3, San Jose, Mar-
garet F. Hanks to whom it may
concern, July 23, 1924

July 28, 1924—LOT 11 BLK 2,
Alameda Park, San Jose, Rollie
and May Williams to whom it may
concern, July 28, 1924

July 26, 1924—PORTION LOT 1 BLK 14 E San Jose Homestead Assn. A. M. Elliott to whom it may concern July 26, 1924
 July 26, 1924—LOT 7 BLK C BETHEL Subdivision. Bert O Dolen to whom it may concern July 26, 1924

BUILDING CONTRACTS

SACRAMENTO COUNTY

ALTERATIONS
SE TWENTY-FIRST AND J STS. Sacramento. Alter work for alterations and placing new foundation.
 Owner—M. E. Brace.
 Architect—None.
 Contractor—J. E. Lunn, 2916 35th St. Sacramento.
 Filed July 25, '24. Dated July 19, '24.
 TOTAL COST, \$2425
 Bond, limit, forfeit, plans and specifications, none.

RESIDENCE
LOTS 7 & 8 & PTN LOT 9 BLK 9 NO. Sac. Sub. 9. All work for residence.
 Owner—Rt. Rev. P. J. Keane, 2030 M. Sacramento.
 Architect—None.
 Contractor—Wm. V. Whitsell, 2900 C. Sacramento.
 Payments not given.
 TOTAL COST, \$—
 Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING, 2-story, and garage, \$9000
 2740 Montgomery Way, Sacramento; owner, W. T. Argall, 1229 H. Sacramento; contractor, C. J. Hopkinson, 1318 25th, Sacramento.

DWELLING, 1-story, and garage, \$5500
 64 35th, Sacramento; owner, J. B. Weikel, 1110 X. Sacramento; contractor, W. B. Ledue.

DWELLING, 2-story, and garage, \$11,500;
 1114 43rd, Sacramento; owner, Jacob Gruher, 1016 1/2 I. Sacramento; contractor, Herndon & Finnigan, 1814 17th, Sacramento.

DWELLING, 1-story brick and garage, \$9500;
 1022 42nd, Sacramento; owner, Walter & Louise Parker, 1531 K. Sacramento; contractor, Herndon & Finnigan.

DWELLING, 1-story and garage, \$3500
 352 41st Sacramento; owner, Chas. Jennings, 1221 Dolores Way, Sacramento; contractor, Jos. McGuire & Co., Box 762 Sacramento.

DWELLING, frame, and garage, \$3000;
 owner, V. Calligari, 2309 V, Sacramento.

REMODEL lower floor for flats, \$2950;
 owner, J. Holland, 1317 X, Sacramento; contractor, R. Benson, 1820 Sacramento.

DWELLING, 2-story, and garage, \$16,500;
 1100 44th, Sacramento; owner, John Claus, Jr.; contractor, J. A. Saunders.

BUILDING, 1-sto. brick, \$5000;
 950-70 38th, Sacto; owner, J. A. Saunders.

DWELLING, 1-story 5-room and garage, \$3950;
 441 32nd, Sacramento; owner, F. Hartz, 1911 28th, Sacramento.

DWELLING, 2-story and garage, \$12,000;
 1370 40th, Sacramento; owner, W. S. Hart, Harts Lunch; contractor, W. L. Chatterton, 1032 43rd, Sacramento.

DWELLING, 1-story and garage \$5500;
 2608 4th Ave., Sacramento; owner, G. W. McKay, 1925 10th, Sacramento.

PUBLIC GARAGE, 1-story brick, \$6000
 223 M. Sacramento; owner, Jose Paz, 1118 3rd, Sacramento; contractor, J. Vaspil, 416 N. Sacramento.

DWELLING, 1-story 5-room and garage, \$4550;
 700 34th, Sacramento; owner, Frank P. Williams, 4440 San Benito Ave., Sacramento.

DWELLING, 1-story and garage, \$4750
 701 San Ynez Way, Sacramento; owner, J. E. Sturt, 2009 J, Sacramento; contractor, E. R. Beebe.

STRUCTURE, 2-story and garage, \$11,250;
 2614 O. Sacramento; owner, J. J. Eckmann, 1526 6th, Sacramento; contractor, T. B. Hunt, 2926 S. Sacramento.

DWELLING, 1-story and garage, \$2950;
 1665 41st, Sacramento; owner, S. B. Overturn, 2018 10th, Sacramento.

DWELLING, 1-story and garage, \$3000
 2225 I. Sacramento; owner, Chas. L. Berly, 2318 I. Sacramento; contractor, J. W. Hooper, 5126 14th Ave., Sacramento.

DWELLING, 1-story, \$2500;
 3616 40th Sacramento; owner, W. Martin 3425 43rd, Sacramento.

DWELLING, 1-story and garage \$3500
 2605 C. Sacramento; owner, C. Swinson, 3224 D. Sacramento.

RAISE DWELLING and install flats and remodel, \$4750;
 owner, Mrs. J. Nisensohn, 2313 Q. Sacto; contractor, J. A. Pausback, 1722 J. Sacramento.

DWELLING, one-story and basement and garage, \$2500;
 No. 1521 6th St., Sacramento; owner, Joe Balangich, 516 N. and O. Alley, Sacramento.

DWELLINGS (2) one-story and garages, \$2000 each;
 No. 2965 and 2961 Sacramento Blvd., Sacramento; owner, W. T. Foster, 3400 4th Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded July 26, 1924—LOT 31 CASHA LOMA Terr. Eileen Desmond to whom it may concern July 1, 1924
 July 26, 1924—LOTS 175 & 7 CASHA Loma Terr. Carroll A. Cook to whom it may concern July 1, 1924
 July 26, 1924—S 1/2 OF N 1/2 LOT 5 C-D-29-30. Gertrude Tonzi to whom it may concern July 1, 1924
 July 28, 1924—E 45 FT. L. C. C. Cutting Bros. T. Co. No. 2, Sacramento. E. M. Reagh to whom it may concern July 22, 1924
 July 23, 1924—S 3/4 LOTS 6, 7 & 8 Q-R-10-11. W. P. Fuller & Co. to whom it may concern July 2, 1924
 July 23, 1924—LOTS 13 & 14 BLOCK Q Highland Park. Agnes M. Ebert to whom it may concern July 21, '24
 July 24, 1924—LOT 15 AVERY TCT. Charles & Mary A. Orag to whom it may concern July 5, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded July 26, 1924—LOT 3204 ELMHURST. Ralph Francis under name of Owners Plumbing & Heating Supply Co. vs M. S. Waters \$189
 July 26, 1924—LOT 12 BLOCK 19 Woodlake. Tilden Lumber & Mill Co. vs Gay M. Fish \$14.50
 July 26, 1924—LOT 12 BLOCK 19 Woodlake. Sunset Lumber Co. vs Gay M. Fish \$215.85
 July 26, 1924—LOT 116 W & E T. 21, Sacramento. Sunset Lumber Co. vs P. A. and Alma G. Bernhard \$189.45
 July 23, 1924—40 FT OF E 90 FT OF N 155 of Lot 17 Grangers Hall Assn Map, Florin. David Hill vs H. L. & J. Kato, John McNe and G. A. Bertolucci \$528

BUILDING CONTRACTS

SANTA CLARA COUNTY

BUILDING
ALL LOT 39, except SW 5 ft. thereof
 Blk 5, Palo Alto. All work for one-story concrete and hollow tile bldg.
 Owner—W. T. and Harriet L. Floyd.
 Architect—William D. Wasson, 120 University Ave., Palo Alto.
 Contractor—G. G. Bertsche and B. H. Briggs, 444 Emerson St., Palo Alto.

Filed July 22, '24. Dated July 21, '24.
 As work progresses 75%
 Usual 35 days TOTAL COST, \$6425

Bond, \$3213. Sureties, Jno. Duffield & W. P. Gray. Limit, 60 days from July 21, 1924. Forfeit, none. Plans and specifications filed.

BUILDING

ALL LOT 40, except SW 5 ft. thereof
 Blk 5, Palo Alto. All work for one-story concrete and hollow tile building.
 Owner—Nellie B. Gardiner, 34 Lasuen Camps, Palo Alto.
 Architect—William D. Wasson, 120 University Ave., Palo Alto.
 Contractor—G. G. Bertsche and B. H. Briggs, 444 Emerson St., Palo Alto.
 Filed July 22, '24. Dated July 19, '24.
 As work progresses 75%
 Usual 35 days TOTAL COST, \$7239

Bond, \$3620. Sureties, Jno. Duffield & W. P. Gray. Limit, 60 days from July 19, 1924. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.

LOT 38 BLK 5, Palo Alto. All work for two-story concrete store and office building.
 Owner—William D. Wasson, Cor. Gianda and Hamilton, Palo Alto.
 Architect—None.
 Contractor—G. G. Bertsche and B. H. Briggs, 444 Emerson St., Palo Alto.
 Filed July 22, '24. Dated July 19, '24.
 As work progresses 75%
 Usual 35 days TOTAL COST, \$15,576

Bond, \$7788. Sureties, Jno. Duffield & W. P. Gray. Limit, 90 days from July 19, 1924. Forfeit, none. Plans and specifications filed.

ON JULIAN STREET BETWEEN 18th and 19th Sts., San Jose. All work for 6-room rustic house.
 Owner—A. B. Hartwig, 128 Pierce, San Jose.

Architect—None.
 Contractor—D. H. Main, 135 Hester, San Jose.
 Filed July 29, 1924. Dated July 18, 1924
 Frame up 1/4
 Brown coated 1/4
 Completed and accepted 1/4
 Usual 35 days TOTAL COST, \$4455

Bond, \$2227.50. Sureties, E. P. Main & A. L. Hubbard. Forfeit, none; Limit, 65 working days; Plans and specifications filed.

BUILDING

ON HAMILTON AVE near the intersection of Hale and Hamilton Aves., Palo Alto. All work for two-story frame building and one-story garage.

Owner—G. D. Clark.
 Architect—Warren Skillings, 515 Garden City Bank Bldg., San Jose.
 Contractor—The Minton Co., Mt. View.
 Filed July 28, '24. Dated July 26, '24.
 Frame enclosed \$3974.25
 Brown coated 3974.25
 Building completed 3974.25
 Usual 35 days 3974.25
 TOTAL COST, \$15,897.00
 Bond, \$7948.50. Sureties, William P. Wright and Margerie Minton. Limit, 120 days after July 28, 1924. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded July 29, 1924—LOT 17 BLOCK 118 Crescent Park. C. J. and F. J. Lawrence to whom it may concern July 28, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded July 28, 1924—LOT 13 Sanderson Garden Tract, San Jose. R. V. Adoradio vs Frank Saso \$32
 July 28, 1924—LOT 13 Sanderson Garden Tract, San Jose. Sunset Lumber Co vs G. Greco and Frank Saso \$165

PIERCE-BOSQUIT
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 Capital Stock \$100,000

Sacramento, Placerville,
 Nevada City, Reno

SACRAMENTO OFFICE
 ROSS E. PIERCE, Manager
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July 26, 1924—LOT 3 BLK 25 SEALE
Addn. Bado-Alto, Lindfield Lumber
Co vs Pedro J. Lemos\$337.63
July 29, 1924—LOT 9 10 11 BLOCK 3
Messad Addn. San Jose, John D. Ne-
voda, Antonio, Teneill, Adam Con-
tada, (doing business as John D.
Nevoda & Co.) vs Roscoe L. Jen-
nings, Laura E. Jennings.....\$291.72

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
July 25, 1924—NW 1/4 LOT 11 BLK 6,
Chapman & Davis Tract, San Jose,
Sterling Lumber Co to Honor M.
Lansted\$255.15

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

AUDITORIUM, Civic, \$366,179; No. 501
N-center St., Stockton; owner, City
of Stockton; contractor, Frank
Tucker, 321 N-Sierra Nevada St.,
Stockton.
RESIDENCE, two-story and garage,
\$11,000; No. 155 W-Pine St., Stock-
ton; owner, C. W. Foster, 306 E-
Tulare St., Stockton; contractor,
W. J. Scott, 26 N-Sutter St., Stock-
ton.
DUPLEX dwelling and double garage,
\$4,000; No. 330 E-Arcade St., Stock-
ton; owner, B. Hissco; contractor,
D. Bugante.
REMODEL, \$4,000; No. 418-420 E-Lind-
say St., Stockton; owner, Mrs. E. R.
Hurr; contractor, D. C. Moore, 1161
N-Highway St., Stockton.
DWELLING and garage, \$3,000; 820
East Oak, Stockton; owner, L. Ba-
cigalupi, 924 N Van Buren, Stock-
ton; contractor, D. Bugante.
DWELLING and garage, \$4,000; No. 1615
Argonne Drive, Stockton; owner,
Raymond S. Miller, 432 E-Market
St., Stockton; contractor, T. E.
Williamson, San Juan and W-Park
Ave., Stockton.
DWELLING and garage, \$3,500; No. 745
N-Baker St., Stockton; owner, F.
E. Montgomery; contractor, T. E.
Williamson, San Juan and W-Park
Ave., Stockton.
DWELLING and garage, \$4,000; No. 1730
W-Park St., Stockton; owner, T. E.
Williamson, San Juan and W-Park
Ave., Stockton.
DWELLING and garage, \$2,000; No. 804
W-Flora St., Stockton; owner, F. E.
Montgomery; contractor, T. E.
Williamson, San Juan and W-Park
Ave., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
July 24, 1924—LOT 6 BLOCK 14
Yosemite Terrace, Harold A. Aul-
wurm to C. Elves Totten, July 21, '24

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, \$4,200; No. 722 Roosevelt
St., Fresno; owner, E. Beaulieu, El-
thorpe, 334 San Pablo Ave., Fresno;
contractor, C. E. Millhollen, 1249
Calaveras St., Fresno.
ALTERATIONS, \$5,000; No. 1104 Santa
Clara St., Fresno; owner, J. H.
Scheidt, E. and Santa Clara St.,
Fresno; contractor, Shorb & Needs,
563 McKinley Ave., Fresno.
PACKING BLDG., \$18,000; NE Califor-
nia & East Ave., Fresno; J. A.
Mahala Packing Co., contractor; J.
A. McCullough, 925 Forthcamp,
Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
July 22, 1924—LOT 18 BLK 2, Blvd.
Gardens, Fresno, Harry Stine to
whom it may concern, July 21, 1924
July 22, 1924—LOTS 23 AND 24 BLK
2, New High School Addn, Fresno,
Claude E. Human to whom it may
concern, July 21, 1924
July 22, 1924—No. 1024 FERGUSON ST.,
Fresno, Fisher Glassford Hardware
Co to Howard Dickey, July 18, 1924
July 26, 1924—LOTS 12 TO 16 BLK
37, (Fresno), Kamikawa Bros.
Inc to Fisher & McNulty, July 18, '24
July 29, 1924—REEDLEY, Reedley Jt.
Elementary School District to Elec-
trical Constr Co, July 23, 1924
July 23, 1924—LOTS 59 AND 60, Van
Ness Heights, Fresno, Veldora A.
McKnight to whom it may concern,
July 21, 1924
July 25, 1924—LOTS 16, 17 AND 18
Blk 1, Kings Orange Manor, Fresno,
V. R. Thoman to whom it may
concern, July 23, 1924
July 25, 1924—LOT 22 E 20 ft. Lot 23,
Blk 14, North Park Ter., Fresno,
Wm Ellos to whom it may concern,
July 22, 1924
July 30, 1924—LOT 8 BLK 2 HIGH-
land Park Add, Fresno, R. O. Dea-
con to S. L. Allen, July 26, 1924
LOTS 14 15 16 BLK 68 FRESNO,
S J L & P Co. to York-Cal Con-
struction Co, July 29, 1924
July 30, 1924—REEDLEY, Reedley
Jt. El. School Dist. to B. A. Newman
Co., July 26, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
July 22, 1924—E 1/4 OF SW 1/4 OF SW
1/4 of Sec. 30, 12-21, Fresno, R. H.
Stevens vs C C Warren and Alberta
A. Bell,\$122
July 26, 1924—LOTS 39 AND 40 BLK
1, Buie Add, Fresno, Lewis Elce
Co vs P. A. Wolf Bldg Co and\$153
July 26, 1924—LOTS 15 AND 16 BLK
1, German Add, Fresno, Lewis
Electric Co vs P. A. Wolf Bldg Co
and Alex Sautler,\$139

July 26, 1924—LOTS 49 AND 50 BLK
2, Allen & Binford Tract, Fresno,
J. D. Halstead Lumber Co vs Jos F
Ismay\$56
July 29, 1924—LOTS 15 AND 16 BLK
1, German Addn, Fresno, Maisler
Bros. Lumber Co vs Alex Sautler, \$108
July 24, 1924—LOTS 23 AND 24 BLK
2, New High School Addn, Fresno,
C. Routt Lumber Co vs Claude E. In-
man\$420
July 21, 1924—LOT 18 BLK 2, Blvd
Gardens, Fresno, Routt Lumber
Co vs Harry Stine to Lot 9, Blk
2,\$538
July 25, 1924—LOT 8 BLK 2, Blk
4, Peters Addn, Fresno, Maisler
Bros Lumber Co vs H Ohlenslager
and Fred Locke,\$200
July 25, 1924—LOT 9 E 1/2, 56, Sierra
Add No. 5, Fresno, Maisler Bros
Lumber Co vs H Thomer,\$35

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLINGS (2) one-story frame,
\$3,100 each; NW 23rd and Dunn Sts.,
Richmond; owner, The Miner Co.,
2234 Macdonald Ave., Richmond.
DWELLING, one-story frame, \$2,200; E
3rd St., bet. Macdonald and Nevin
Aves., Richmond; owner, Frank
Bailey, 356 14th St., Richmond; con-
tractor, C. E. Mintzer, 234 Ohio St.,
Richmond.
DWELLING, 1-story frame, \$3,800; W
19th bet. Barrett and Roosevelt,
Richmond; owner, W. W. Chapin,
533 18th Richmond; contractor, C.
Ovira, 2105 Roosevelt, Richmond.

DOOR CONTROVERSY SETTLED

The clash between the carpenters and
iron workers as to which trade should
erect metal doors on the new Chamber
of Commerce Building in Boston ended
recently when the Supreme Court of
Massachusetts refused to set aside a
decision of the superior court awarding
the work to the iron workers. A strike
was called on the building by the car-
penters when the subcontractors re-
fused to give this work to them. The
dispute was taken to the superior
court and the judge decided that hang-
ing of doors belonged to the iron
workers. The carpenters entered a pro-
test and appealed to the Supreme Court.
A special session of the higher court
was called and the decision sustained.
Work has been resumed on the build-
ing, which was nearly completed at the
time the strike started.

BOY ARCHITECT

LIVERPOOL, England, (By N. E. A.
Service).—Liverpool Cathedral, which
will be the largest in Great Britain
when it is finished, was designed by a
20-year-old architect, Gilbert Scott. His
designs were accepted in a competition
which 103 noted architects entered.

Larsen Construction Reports

Issued every business day of the year. Furnishes
advance information on work projected and contracts
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 YAKIMA



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SAN FRANCISCO, CALIF., AUGUST 9, 1924

Published Every Saturday
Twenty-fourth Year No. 32

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., AUGUST 9, 1924

Twenty-fourth Year No. 32



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LOCAL ARBITRATION BOARD FOR ST. LOUIS PROPOSED

A meeting attended by representatives of the Associated Building Interests of St. Louis and delegates from practically all of the local unions was held on July 15th for the purpose of discussing the advisability of forming a local board for adjusting jurisdictional disputes. It was the consensus of opinion that such a board could settle many questions that might otherwise result in strikes, and it is likely a permanent organization will soon be formed. E. M. Craig of Chicago, a member of the National Board for Jurisdictional Awards, was present at the meeting and explained in detail the method of operation of that body as well as the course pursued by the local joint arbitration board in Chicago.

LUMBER COMPANY LOSES SUIT

Judgment against the Feather River Lumber Company, operating at Delliker, near Portola, in favor of E. I. Lane of Portola, has been handed down by Judge J. O. Moncur of the Plumas County Superior Court.

Under the terms of judgment Lane gets \$12,447 and interest as a balance due on a logging contract existing between Lane and the company last year, also \$3,821.15 as damages sustained by Lane as a result of the termination of the contract by the lumber company.

Lane instituted suit several months ago and the matter had been under advisement by Judge Moncur since May 22nd.

STATE ROAD CONTRACTS FOR PAST EIGHTEEN MONTHS

Contracts totaling \$9,025,247 were awarded by the California State Highway Commission between January 9, 1923 and July 16, 1924.

Of this total, \$4,041,227.59 represented contracts made out of state highway funds derived from bond issues and federal aid and \$4,984,020.19 represented contracts made out of motor vehicle funds derived from motor vehicle and gasoline taxes.

In all during the year and a half under review the highway commission awarded fifty-nine contracts. Among the largest were the following:

San Mateo County, 12.36 miles of road from the Half Moon Bay road to the La Honda road, \$573,064.60; Shasta County, 9.92 miles of road, from Bayha to Halfway Creek, \$571,987.93; San Diego County, 17.14 miles of road from San Diego to Oceanside, \$533,913.55; Shasta County, 9.88 miles of road from Redding to Eureka, \$473,414.87; Sacramento County, 13.03 miles of road from McConnell Station to Sacramento, \$444,490.71; Los Angeles County, 13.6 miles of road from Shoup avenue to the westerly boundary, \$435,897.32; Ventura County, 1.20 miles of sea wall, \$420,312.75; Del Norte County, Klamath River bridge, \$430,914.

Among the other large contracts awarded in northern California counties were the following:

Elacer County, 8.03 miles of road between a point three-quarters of a mile north of Colfax to Cold Run, \$337,427.34; Humboldt County, 6.45 miles of road from Eureka to Arcata, \$267,809.85; Nevada County, 5.32 miles of road from Boca to Floriston, \$274,280.56; Siskiyou County, 14.30 miles of road from a point one-quarter of a mile north of the Shasta River to the Oregon line, \$355,395.90.

The last contract awarded before July 17 of this year was one for 8.07 miles of road between the westerly boundary of San Joaquin County and Banta, \$186,841.71.

TIED UP IN KANSAS CITY

Several large projects totaling several millions of dollars are tied up in Kansas City on account of a dispute over the installation of metal trim. The carpenters are demanding this work and the other trades have refused to work with the carpenters on many Kansas City jobs. Following the precedent established in Cincinnati and one or two other cities, a new carpenters local is being formed, the members of which have pledged themselves to abide by the rulings of the National Board for Jurisdictional Awards.

FEE SUIT DISMISSED

The suit of Edward Glass, San Francisco architect, against the Marysville Hotel Company for \$17,000 representing his fee for drawing plans for the new hotel to be erected in Marysville, has been ordered dismissed by M. A. Nathan, attorney for the architect. President Arthur Boulton of the hotel company, according to reports from Marysville, declares the differences between Architect Glass and the hotel directors were settled satisfactory to both sides. The financial settlement, it is said was effected by paying less than half the amount for which the architect was suing.

SYNTHETIC TIMBER TO REPLACE NATURAL PRODUCT IN 50 YEARS

Within fifty years, the United States will be lumber-bankrupt, B. G. Dahlberg, told a meeting of lumber men in Chicago. All the virgin timber of the country will have been used at the end of a half century unless vigorous methods of reforesting denuded timber lands are put into effect, Dahlberg said.

"The United States," said Dahlberg, "once had 800,000 acres of virgin forests. Today it has 138,000 acres, of which 75 per cent is west of the Rocky mountains. Of 181,000 acres that have been denuded of timber, 81,000,000 acres are absolutely barren. About 250,000,000 acres are in stumpage, slash and various stages of second growth. We are now cutting 10,000,000 acres a year and forest fires are destroying 8,000,000 acres. To replace our disappearing forests, we are planting 36,000 acres of trees annually. At the present rate of destruction, the end of our timber resources is in sight."

"Hope for the builders of the nation lies in a substitute for lumber. The discovery of synthetic lumber made of bagasse, which is the waste fibre of sugar-cane, has averted the possibility of vast tragedy. There is enough bagasse in the annual crops of sugar cane in the United States and Cuba to produce 25,000,000 feet of synthetic lumber a day. The supply of raw material is inexhaustible and annually renewed. Only one mill for the manufacture of lumber from sugar cane is at present in existence and its daily output is a half million feet."

"This synthetic lumber has all the building qualities of natural lumber and in addition is an insulator and sound-deadener and by reason of chemical treatment in the making, is as immune to decay as the papyrus manuscripts found in ancient Egyptian tombs."

CONTRACTORS SUE UNIONS

Two interesting suits were recently started in both of which labor organizations are being sued by contractors.

The first is the case of the Iron League of New York, which seeks damages in the amount of \$5,000,000 from the International Association of Bridge, Structural and Ornamental Iron Workers. The other case is that of the Clifford F. McEvoy Company of Newark, New Jersey. This concern has started suit against a number of local unions, the Carpenters and Joiners District Council and the Building Trades Council of Newark. The suit calls for damages in the amount of \$500,000. The action, the bill of complaint in the case shows, is the result of a strike on a union job being erected by the plaintiff, to force the company to employ union men on another project being erected by them.

PAVING STAMP REQUIRED

Specifications for concrete pavement on California state highways now require contractors to stamp the date and name of the builder at the beginning and end of each day's run. This will permit the public to know who the responsible builder in each instance was and also will permit engineers in the future to quickly determine the history of any particular piece of pavement.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Building trades workers in the average American city are employed less than three-fourths of the time at their trade. This is the finding of a committee appointed by Herbert Hoover, Secretary of Commerce, to survey the building situation in the United States with a view to determining why building construction could not continue through all seasons of the year. The survey was an outgrowth of the Committee on Seasonal Operations in the Construction Industries, of the President's Conference on Unemployment, whose purpose is to relieve unemployment, to eliminate waste and reduce costs.

"In the average year," a report filed by the committee says, "men in the building trades must be paid enough to support themselves and their families for twelve months on wages received for seven to ten months' work. With most contractors, twelve months' overhead costs of maintaining their offices must be charged against the jobs carried on actively during seven or eight months."

"Building supply dealers must maintain establishments big enough to handle a large amount of work during four or five months. These establishments are practically idle during at least three months, and are operating at only a fraction of their capacity during the rest of the year. Building material manufacturers also have to maintain unnecessarily large plant and equipment or else stock up materials during dull seasons in order to meet peak demands."

"Architects find their office work crowded largely into the first six months of the year, although their field work is often active for some months later. Intermittent employment conditions keep young men from taking up the building trades, and account in large part for the high hourly wage rates, and give a false impression of actual earnings."

Individuals concerned with building are urged to do their share in contributing to all year round building operations by scheduling new work and repair work at a time when the pressure of general building is not at its height.

Declaring that the Mechanic's Lien law is a good law and should be liberally construed, and that extra work done in building for the benefit of owners should be paid for even though instructions to do the work were not in writing as provided for in the contract, Superior Judge Geo. H. Buck of San Mateo County rendered a decision in favor of the plaintiffs in the case of Thos. A. Cavanaugh and Frank M. Cavanaugh, doing business as Cavanaugh Bros. vs. Martha Q. Keplinger and L. B. Keplinger.

The defendants had refused to pay for certain work done on a building constructed on lot 12-B of Bowie Estate No. 1, the contractors filing a mechanic's lien and demanding judgment for \$3089.26 and costs. Judgment was taken by default on April 17 last, the default having later been set aside by agreement and the case tried and submitted on May 26.

A note of warning to building and loan associations against over expansion through over-building and charging of greedy interest rates on loans was sounded by William R. Adair of Omaha, Neb., at the closing sessions of the United States League of Local Building and Loan Associations, held in Cleveland, Ohio. The need of conservation and gradual instead of mushroom growth was stressed by Adair. The speaker declared the country was nearing financial stabilization and lower interest rates.

The ordinances of the City of Long Beach are due to clash with the constitution of the United States unless the city takes immediate steps to amend its zoning laws, it was revealed, as the aftermath of an impasse developed over the attempt of Rev. Father Francis J. Ott to find a meeting place for his congregation in the northern part of the city. The zoning ordinances are such that it is now virtually impossible legally to establish a new church of any denomination anywhere in the city, Watted Desmond, attorney for Rev. Ott declares.

The resignation of the members of the Sacramento city planning commission tendered as a body to the city council will not be accepted by the city's governing body, for the council has adopted an ordinance rescinding the ordinance under which the planning commission was created and the five members appointed by Mayor Albert Elkus. The measure, passed by the unanimous vote of the seven councilmen present, will become effective August 24, leaving the commission with authority until that time to act on petitions for changes of zones within the city limits.

The semi-annual survey by the National Association of Real Estate Boards shows that in more than half of the cities reporting, the shortage of apartments and business structures has been overcome, and that only 56 per cent of the cities report a shortage of single family dwellings. A survey conducted last November revealed that in 68 per cent of the cities reporting a shortage of single family dwellings existed.

An election will be held in October or November in the Metropolitan Sewage Disposal District of Los Angeles county to vote a \$12,000,000 bond issue to provide an ocean outfall system for the communities represented in the district.

According to word from Pittsburgh, Penn., Follansbee Bros., steel manufacturers, have perfected the first all-lead roofing material in the history of the industry and are making large quantities of it at the Follansbee, W. Va., plant. Perfection of the product is attributed to C. W. Manning of New York.

Industrial Department of the Oakland Chamber of Commerce plans to establish an industrial exhibit where buyers from eleven western states and Pacific Ocean markets could view the variety of products manufactured in the East Bay section. The exhibit would be permanent and open to visitors the year round.

(Continued on Page 8)

ALONG THE LINE



J. W. Ludlow, harbor engineer, was relieved of his duties by the Los Angeles harbor commission because, without authority from the commission, a \$50,000 barge belonging to the city was taken outside the breakwater to dump some sand and rock on the beach at the suggestion of the playground commission, and was driven on the rocks by the waves. The engineer claimed he had been instructed by President Coiden to use the barge for the purpose, but Commissioners Allen and Kieble contended he should have acted only on instructions from the commission. President Coiden assumed full responsibility for his action, but the other commissioners did not consider this relieved the engineer of blame.

Allan G. Wagner, maintenance engineer for the California State Highway Commission, has been selected to fill the office of city engineer of Sacramento, succeeding Albert Givan who was appointed general manager of the Sacramento Public Utility District. Wagner's appointment, it is understood, will be made effective on August 1st.

Lester Canady has been appointed project engineer on the Gordon Valley water project for the city of Vallejo. Considerable preliminary work has been done by Mr. Canady who has been associated with the project for some time serving in the capacity of assistant engineer. A. Kempke of San Francisco is chief engineer on the project.

Edward A. Hoffman, former assistant engineer of Richmond, has been named city engineer to fill the vacancy caused through the resignation of H. D. Chapman who has been appointed city engineer of Venice, Calif. Mr. Hoffman has been connected with the Richmond city engineering department since 1915.

E. Goeffrey Banks, director of housing with the State Immigration and Housing Commission, has resigned and an examination will be held shortly to fill the vacancy. The position pays \$250 a month with a possible maximum of of \$350 a month, together with necessary traveling expenses.

Federal Paving Co., a Fresno concern, capitalized at \$100,000, has filed articles of incorporation in Los Angeles. Directors of the company are: W. F. and T. A. Hanrahan and E. Stoneman of Fresno.

C. F. Price, the first city manager of San Mateo, has tendered his resignation to the city trustees. The resignation is effective at once. Price's resignation it is said, was requested by the city trustees.

John W. Griswold, manager of the Griswold Lumber Company of Chico, died in that city July 31 at the age of 65 years. Griswold resided in Chico since 1891.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

S. F. MATERIAL DEALERS HOLD LUNCHEON-MEETING

The first luncheon-meeting of the Material Dealers of San Francisco, specializing in the sale of cement, lime and plaster products, was held in the Union League Club, Aug. 5. Meetings of the dealers heretofore have been held in the Builders' Exchange rooms at 180 Jessie street.

Perry Sawyer, president of the State Dealers' Association opened the meeting with an address on "Co-Operation Between Dealers and Manufacturers," with regard to the distribution of materials handled by members of the association.

Mr. Sawyer is connected with the Los Angeles Lime Company and is considered one of the most popular dealers in the state.

Representatives from each firm in San Francisco were in attendance at the meeting. Business conditions were discussed. Suggestions were offered with regard to improving conditions for the contractor, the manufacturers and the dealers.

It was voted to hold weekly luncheon-meetings in the future which will permit the dealers to submit progressive reports on the accomplishments of the association.

Among the firms represented at the last meeting were: Western Lime & Cement Company; J. S. Guerin Company; Lennox Lime & Cement Company; Eclipse Lime & Cement Company; Henry Cowell Lime & Cement Company; Atlas Mortar Company and Los Angeles Lime Company.

OREGON BUILDERS HAVE HONOR SOCIETY

Oregon building trades mechanics are elected to membership in an honor society known as the Guild of Building Handicrafts, the highest honor attainable by skilled workmen. The purpose of the society is to promote excellence and industrial pride among craftsmen, corresponding to the Phi Beta Kappa honor society in colleges. Membership is by invitation only after careful consideration and inquiry as to the workman's fitness to bear the title. Prospects do not know they are being considered, but on election are entitled to wear a gold button presented by the state.

SHEETMETAL MEN ORGANIZE

Sheet metal contractors and cornice contractors of Los Angeles recently organized an association known as the Associated Sheet Metal Contractors of Los Angeles, and elected the following officers: V. H. Meadows, president; J. Widman, vice president; F. H. Witfield, secretary; and Scott J. Campbell, treasurer. W. H. Strain, T. M. Hodge, P. Wasserman, H. C. McCluney and Meyer Zucker are the directors.

ENGINEERS ORGANIZE CLUB

Under the jurisdiction of the Fresno Chapter, American Association of Engineers, an engineering club was formed in Modesto, August 2. Officers elected at the organization meeting, held in the Hughson Hotel and presided over by Donald A. Raker, director of district 2, follow: President, H. H. Storrs; first vice president, C. H. Lowrie; secretary-treasurer, Frank J. Rossi. The club has fifteen engineers on its membership roster.

SECRETARIES—ATTENTION

Practically all organizations of the construction industry in California issue a monthly magazine or bulletin covering organization activities.

As a rule, such publications contain many news items that would prove of considerable interest to those in other sections throughout the country—and probably—in your immediate vicinity but due to lack of circulation valuable items are not uncovered.

Building & Engineering News with a desire to boost your organization through publication of your activities and yet advance the worth of its "Organization News" requests that you send such magazines or bulletins, when issued, that they might be reviewed and interesting news matter re-published in this section.

This appeal is addressed to secretaries who have overlooked us in the past. To those who have placed our name on the mail list—we extend our thanks.

—EDITOR.

BRICKLAYERS ADOPT APPRENTICE PLAN IN N. Y.

Under an agreement recently signed by the Mason Builders' Association of Greater New York and five bricklayer unions, all apprentices working at the trade must attend evening public vocational schools two hours a night for two nights a week during the regular evening school session. The agreement provides for the creation of a joint apprenticeship committee, outlines the duties of the committee, provides for continuous employment of apprentices, states the minimum wage to be paid, and sets up the method of supervision, regulations and adjustments. A special course of study is now being outlined by experts in the trade, that will enable an apprentice to get the theoretical and related subjects which he can not get on the job during the day.

SEEK WAGE INCREASE

Commercial building in Houston, Texas, was tied up by a union hoisting engineers' walk-out July 16 as a result of the refusal of contractors in the city to grant them an increase in the wage scale from \$8.50 to \$10 a day. The strikers are being replaced by nonunion hoisting engineers as fast as the Open Shop Association can furnish the men.

CONTRACTORS SUE OWNER

C. H. Hansen and Joseph C. Buchen, Modesto contractors, have filed suit in the superior court against George F. Covell for \$60,885.65, alleged due on a contract for the construction of the Covell hotel in Modesto. According to the plaintiffs they carried out all of the contract, which was entered into in May, 1923. The complaint is 70 pages in length and contains 31 different and distinct causes for suit.

FUNDS RAISED FOR STATE WATER SURVEY

Continuation of the much needed survey of the water situation of California was made possible at a recent meeting held under the auspices of the San Francisco Chamber of Commerce when \$52,500 of the \$100,000 needed for that purpose was underwritten by a group of banking and commercial interests of the city.

The California legislature of 1921 appropriated \$200,000 for a water survey of the state but before the work was completed the money was exhausted and the task was halted. One of the primary purposes of the work was to survey watersheds and streams for the purpose of ascertaining the amount of water that can be impounded for use during the summer months when no rain falls. The drought of this year has acutely brought before the people of the state the need of conservation of water and for some time past there has been a demand that some action be taken that would make a repetition of present conditions impossible. After the question had been discussed by a number of leading men of the state it was decided that the most feasible way to continue the water survey was to have the San Francisco Chamber of Commerce and the Los Angeles Chamber of Commerce to sponsor a plan to underwrite \$100,000, the amount to be evenly divided between the two cities, the contributors to be reimbursed by a legislative act.

SAFETY COACH IS VEHICLE FOR BUILDERS ON TRIP

Sixteen members of the building fraternity from San Francisco and Oakland traveled in comfort to the U. S. Veterans' Hospital inspection trip at Livermore.

The trip was made in a Fageol Safety Coach and was secured for the occasion by Steve Guerin through the courtesy of the Fageol Motors Company, operating a plant at Hollywood and 107th streets, Oakland.

Those who made the trip in the coach were: Steve Guerin, Bill Gray, Geo. Dixon, W. H. Jarvis, J. G. Twyford, F. J. Edwards, Vic Creghino, J. E. Fennell, Chas. Munson, Roy D. Frasier, Ralph Sheehan, Bob Moyle, U. F. Stewart, Chas. Mahoney, Joe Odgers and J. P. Farrell.

OLD MISSION CEMENT COMPANY HOLDS OUTING

The second annual barbecue and picnic of the Old Mission Cement Company was held at Sargeant Grove, Sunday, August 3.

Tables were spread and amusements provided by the plant employees operating under the supervision of Mr. Parker, plant superintendent.

A feature of the day was a Barnyard Golf Championship match, the honors going to the San Francisco office. In addition to amusements for the kiddies, the company provided music and games for the older folks. Dancing and swimming contests occupied several anxious moments for the younger folk.

The next annual outing of the company will be arranged for by the San Francisco employees at a location yet to be determined.

Just The Core

Complied by
California Development Ass'n.

Arcata—\$263,000 to be spent building 6 1/4 mile stretch of Eureka-Arcata highway.

Burbank — \$200,000 Sunset Canyon Country Club to be built at the head of Olive Ave.

Crescent City—\$250,000 hotel to be constructed.

El Dorado County—\$3,659,000 to be spent for new hydro-electric power project by Western States Gas and Electric Company.

Galt—\$100,000 to be voted for new high school building recently destroyed by fire.

Glendale—\$175,000 First Church of Christ, Scientist, to be erected on Orange Street; \$100,000 4-story brick hotel building to be built at Wilson and Maryland Aves.

HANFORD—\$125,000 steel brick and concrete auditorium planned.

Long Beach—\$3,000,000 tourist and commercial hotel building to be built on W Seaside Blvd.; \$100,000 store and theater building to be erected at Anaheim St. and Raymond Ave.

Los Angeles—\$400,000 class A garage to be erected on Hope St., between 7th and 8th Sts.; \$150,000 store and hotel bldg. to be erected at 1019-23 W 8th St.; \$1,000,000 14-story class A hotel to be built at nw corner Hollywood Blvd. and Vine St.; \$600,000 to be spent by Star Truck Co. on warehouse and 4 elevators; \$1,500,000 to be spent for new hospital bldgs. for the Calif. Lutheran Hospital; \$150,000 class A theater building to be erected at Carthay Center.

Stockton—15-story office building to be erected at Sutter and Weber Aves., to be known as Dental-Medical Bldg., for professional men.

SAN FRANCISCO—\$500,000 concrete and timber plan to be constructed by State Board of Harbor Com.; \$750,000 bakery plant to be constructed by California Baking Co.; \$90,000 1-story reinforced concrete class A motion picture theater bldg. planned; \$1,000,000 business building to be erected by Pacific Telephone & Telegraph Co. on Bush St., between Grant Ave. and Kearny Street; \$930,393 High School of Commerce to be built at Van Ness and Fell St.; \$200,000 9-story class A community apartment to be built on Nob Hill.

San Rafael—\$90,000 2-story steel and brick store, office and lodge building to be built.

Santa Monica — \$1,000,000 6-story class A club building to be built for Casa Del Mar Club at the foot of Pico Blvd. on Ocean Front.

Los Angeles County—13-story reinforced concrete apartment building to be built at Eagle Rock.

Modesto — \$100,000 reinforced concrete and brick tin can factory to be built.

Pittsburg — \$1,000,000 plant to be erected by Calif. Wire & Cable Co.

Redwood City—\$112,000 sub-station to be built by Pacific Gas & Electric Co.

Richmond—\$350,000 powder plant to be erected by the Giant Powder Co.

Riverside—\$60,000 to be spent for new tuberculosis hospital.

Sacramento—\$750,000 10-story class A lodge and store building to be erected by Elks Club; \$100,000 5-story steel

San Francisco Building for July Shows Healthy Increase

San Francisco building operations for the month of July, 1924, represent an expenditure of \$3,988,466, according to figures compiled by John P. Horgan, chief inspector of buildings of the Department of Public Works. During the month 776 permits were issued, of these 397 were for alterations, repairs and additions to standing structures. Public improvements included in the report for July cover \$875,643 in contracts awarded for the High School of Commerce addition in Fell street near Van Ness Avenue.

During the month of July, 1923, records of the Department of Public Works show 733 permits issued with an estimated valuation of \$3,227,115. For the month of June, 1924, the totals registered 858 permits for improvements costing \$3,893,374.

Following is a segregated report covering the July, 1924 activities:

Class	No. Permits	Est. cost
C	26	\$770,637
Frames	352	1,907,451
Alterations	397	434,735
Public buildings	1	875,643

Total

Comparative tables covering the first seven months period during the past four years tell an interesting story of development. The record is:

1921—	Permits	Amount
January	371	\$1,246,808
February	468	3,126,581
March	591	2,941,401
April	597	1,913,592
May	475	1,007,151
June	475	950,965
July	446	1,000,240

Total

and concrete store building to be built by F. W. Woolworth Co.

SAN BERNARDINO—\$400,000 3-story class A store and office building planned for 5th and E Sts.

San Diego — \$250,000 senior school auditorium to be built.

Taft—\$150,000 gas compressing and absorption plant to be constructed by Pacific Gasoline Co.

Tracy—\$705,000 bonds voted for construction of adequate irrigation system at Santa-Carbona Irrigation District.

L. A. GETS IMPORTED CEMENT INTENDED FOR SEATTLE

The Seattle Journal of Commerce, under date of July 21, advises:

"Because of strict municipal regulations governing the use of imported cement, 1000 tons of European cement intended for discharge at Seattle was discharged at Los Angeles last week by the steamship Jacques Cartier of the Compagnie Generale Transatlantique, the French line, reports the General Steamship corporation, local agent for the line.

"According to the city regulations, cement imported from foreign countries must undergo a 28-day test. This is said to cause loss to the importer and as a result other markets are being sought. In a recent case, a Seattle importer brought in several hundred tons of cement from Europe. The same importer had 1000 tons on the Jacques Cartier, but his first shipment has just finished the 28-day test and it would have meant tying up the 1000-ton shipment for a similar period. Instead, the local merchant had the cement discharged at Los Angeles and placed on the market there, since no restrictions are placed on imported cement at the California city."

1922—	Permits	Amount
January	620	\$5,528,978
February	609	2,830,991
March	848	3,289,251
April	768	3,993,720
May	748	4,377,066
June	648	3,336,701
July	695	3,024,036

Total

1923—	Permits	Amount
January	718	\$3,205,811
February	782	3,278,676
March	977	3,229,572
April	954	5,173,801
May	948	4,928,986
June	868	4,213,346
July	733	3,227,115

Total

1924—	Permits	Amount
January	773	\$3,178,413
February	794	3,912,166
March	994	4,652,933
April	1045	5,036,673
May	932	5,478,111
June	853	3,899,374
July	776	3,988,466

Total

STOCKTON, Cal.—City Building Inspector A. C. Horner reports issuance of building permits in July, 1924, totaling \$526,515 which amount includes \$366,000 covering the erection of a new civic auditorium.

PALO ALTO, Cal.—July, 1924, building permits total \$365,078 as compared with \$66,719 for the month of June, 1924, and \$87,032 for the month of July, 1923.

S. F. FISCAL YEAR BUILDING REPORT

Private building operations in San Francisco for the fiscal year ending June 30, 1924, totaled \$47,947,764, according to figures compiled by John P. Horgan, chief inspector of buildings of the Department of Public Works. During that period 9,932 permits were issued covering new construction and repairs and alterations. During the same period 13 permits were granted covering public improvements, for the State Board of Harbor Commissioners and the city and county of San Francisco. The latter improvements were estimated to cost \$255,793.

Fiscal year building operations for the period ending June 30, 1923, totaled 9048 permits with an estimated valuation of \$46,000,691.

Following is a segregated report covering the operations for the fiscal year ending June 30, 1924:

Class	No. of Permits	Est. cost
A	20	\$ 5,856,160
B	19	3,520,000
C	359	9,934,629
Frames	4306	24,229,548
Alterations	5288	4,407,427
Public Bldgs.	7	400,374
Harbor Bldgs.	6	455,419
Total	10,005	\$48,803,557

PICKETING PERMITTED

Picketing in front of places of business by labor unions or others, if done without acts of violence, is permissible and legal according to a decision rendered at Seattle in the case of the Oak Theatre vs. the American Federation of Musicians. Harry A. Beals, owner of the theatre, asked to have the unions enjoined from picketing his place. The injunction was denied.

PUBLICATIONS

"Chimney, Flues, and Fireplaces" is the title of the newest booklet of the series "Lumber and Its Utilization" published by the National Lumber Manufacturers' Association, of Washington, D. C. and Chicago, Illinois. The official designation of this booklet is otherwise volume V, chapter 2 of the series. This booklet goes into full detail on the fireproof, safe, and efficient construction of chimneys, fireplaces, and flues, and suggests building code requirements and specifications for their construction. Copies may be secured on application to the association at 111 West Washington street, Chicago, or at the Washington office.

The Bureau of Standards circular, revised edition, on the physical properties of materials, gives values of the strength of pure metals and their alloys, and of wood. The data include the strength in tension, compression, and in shear, the resistance to fatigue, and many other properties that an engineer must know in order to design a structure that will carry its intended load safely. The effect of high temperatures on the strengths of different metals is shown by tables and by graphs, and the physical properties such as specific gravity, melting point, and coefficient of expansion are given.

The Conveyors Corporation of America, 326 W. Madison street, Chicago, has published a new booklet describing its new American cast iron storage tank, a sectional tank for the storage of all dry bulky material, such as ashes, coal, sand, gravel, etc. The booklet is illustrated with diagrams and half-tones of tanks in use. It contains a table of weights, measures and capacities. Copies of the publication may be had on application to the Conveyors Corporation of America.

The Year Book of the American Engineering Standards Committee is off the press and contains the usual summary of the purposes and functions of the A. E. S. C., the method of work, membership, constitution, rules of procedure, and list of members and officers, together with a list of standardization projects and a statistical summary.

The Portland Cement Association, 111 West Washington street, Chicago, Ill., has issued a 4-page folder which embodies specifications for concrete work and details of walls for large and small bank vaults. Copies will be furnished without charge on request to the association.

PORTLAND CEMENT CHIEF SALES FOR LONDON

F. W. Kelley, President Portland Cement Association and President of the Heidelberg Cement Co., Albany, sailed for London, August 6, on the Aquitania, where he will address cement makers from various parts of the world attending a convention in London early in September to commemorate the one hundredth anniversary of the invention of Portland Cement.

Mr. Kelley, who has for many years been a leader in the scientific field of cement manufacture, is also a member of the American Society for Testing Materials, American Society of Mechanical Engineers and a number of other technical associations. He will visit and make a study of many cement plants in England and on the continent to compare American and foreign practices and methods of manufacture.

Purposes of National Board for Jurisdictional Awards Explained

Jurisdictional disputes between the various building trades have long been responsible for serious stoppages in the industry and with the possible exception of wage negotiations have caused more strikes than any other single factor.

Disputes of this character in the old days of simple construction were few and far between, but with the advent of the modern fireproof building, with its complicated mechanical equipment and the introduction of many new materials, there has been a strong tendency on the part of the various trades for each to secure the right of performing the extra labor involved.

A number of years ago the officers of the American Federation of Labor began to realize that something would have to be done to prevent the constant friction between the trades and accordingly adopted a policy of hearing cases in dispute and making awards at the annual convention of the body. This plan was followed for some time, but inasmuch as it did not afford the other elements of the industry an opportunity to be heard on the matters in dispute, it soon became apparent that some other means of adjusting differences must be found.

On February 13 and 14, 1919, the Executive Committee of the Building Trades Department of the American Federation of Labor at a meeting held in Boston, Mass., extended a hearing to a committee representing architects, engineers, contractors and the United States Department of Labor. This joint committee discussed the necessity of eliminating jurisdictional disputes in the construction industry at some length and agreed to met for further discussion in New York City.

Accordingly a meeting was held in New York on February 15, 1919, at which time it was decided to create a committee of ten members—five representing labor and five representing contractors, architects, etc., to still further discuss the matter.

In compliance with the instructions of the February 15th meeting a conference was held in Cleveland, Ohio, on March 3 and 4, 1919, with the following members of the Committee present: E. J. Russell, W. H. Kilham, Architects; W. C. Luce, A. R. McCreary, E. W. Reaugh, Contractors; John Dorn, President Building Trades Department; John T. Cosgrove, United Brotherhood of Carpenters and Joiners of America; William Dobson, Bricklayers, Masons and Plasterers International Union; John J. Hynes, Amalgamated Sheet Metal Workers International Alliance; Wm. J. Spencer, Secretary Building Trades Department; John B. Lennon, United States Department of Labor.

A plan for eliminating jurisdictional disputes in the construction industry was submitted to the members of the committee by Mr. Lennon. This was discussed at some length and a number of important changes made in same.

At a subsequent meeting held in Indianapolis, Indiana, on April 4th 1919, which was attended by practically the same group present at the Cleveland meeting, a general plan was presented and endorsed. This plan in brief provided that a Board to be called the National Board for Jurisdictional Awards in the Construction Industry should be created, consisting of eight members, three to be selected by the Building Trades Department of the American Federation of Labor, and one each by the American Institute of Architects, the Engineering Council, the Associated General Contractors of America, the National Association of Building Trades Employers, and the National Association of Builders' Exchanges. The last named organization

did not select a representative and the Associated General Contractors of America was therefore given the privilege of naming two delegates.

According to the constitution of the Board, it is invested with power to investigate all disputes of a jurisdictional nature and make awards in accordance with its findings. Should the Board fail to make an award an umpire may be agreed upon whose findings shall be final. In the event the Board fails to agree on an umpire the constitution provides that the Secretary of the United States Department of Labor shall be called upon to name an umpire.

The constitution further provides that all complaints must be submitted to the Board through the officers of an organization which is a party to the agreement.

All of the organizations signatory to the Board are pledged to suspend members who refuse to abide by the decisions rendered by it.

On August 11, 1919, the National Board for Jurisdictional Awards in the Building Industry met and organized by electing E. J. Russell of St. Louis representing the American Institute of Architects, Chairman; William L. Hutcheson of Indianapolis, General President of the United Brotherhood of Carpenters & Joiners of America, Vice-Chairman, and William J. Spencer of Washington, D. C., Secretary of the Building Trades Department of the American Federation of Labor, Executive Secretary.

The next meeting of the Board was held the week beginning March 8, 1920 in Washington, D. C., at which time the first cases to be brought to the Board were heard and a number of awards made.

The first real friction came when William L. Hutcheson representing the carpenters failed to appear at a meeting of the Board on November 11, 1920. The carpenters have not participated in the Board since that time and at the Building Trades Convention held in Denver, Colo., June 8-11 inclusive 1921, the carpenters were suspended from the Department.

All of the other trades have continued to participate in the Board and on the whole have insisted that the awards made by it be respected. Millions of dollars have been saved the building public through the amicable settlement of jurisdictional disputes which heretofore resulted in strikes many of which were of long duration.

The Board has the endorsement of many high governmental officials and is recognized as the Supreme Court of the entire construction industry.

In a number of localities local boards are operating which decide purely local matters in the interim between meetings of the National Board.

The personnel of the Board at the present time is as follows: Rudolph P. Miller, Chairman, Federated American Engineering Societies; Edw. B. Lee, American Institute of Architects; Tyler Field, and F. J. C. Dresser, Associated General Contractors of America; E. M. Craig, National Association of Building Trades Employers; Thos. R. Preece, John Coffield and Geo. F. Hedrick, Building Trades Department of the American Federation of Labor; Wm. J. Spencer, Secretary.

Four regular meetings of the Board are held each year and the Chairman is invested with power to call special meetings when conditions warrant. The procedure followed is much the same as that prevailing in law courts. Each contestant is given an opportunity to present data to the Board as to why his craft should be awarded certain work. After the evidence has all

THE OBSERVER

(Continued from Page 4)

TRADE NOTES

been presented the Board goes into executive session and renders an award based on the data that has been offered. Over fifty important decisions have been rendered to date by the Board and with the exception of the one pertaining to the erection of metal trim all have been lived up to by the parties signatory to the agreement.

A. C. Conrad, for several months holding the position of manager of the San Francisco branch of the M. Stulsch Company, has sailed for Tokyo, Japan, where he will be in charge of the export department of the company. He relieves Foster Glaspell, who has severed his connection with the organization.

J. H. Mulrein, former president of the plumbing and supply company bearing his name in Phoenix, Ariz., has moved from the Monadnock Bldg., San Francisco to 1345 Howard street, San Francisco, and will represent the John Douglas Company and the J. J. Ryan Company.

Despite the fact there is no water available to fill the mill pond, the Nibley-Stoddard Lumber Company, operating at Cromberg in Plumas County, is cutting about 60,000 feet daily.

Pacific Art Tile & Stone Manufacturers, Inc., capitalized at \$100,000, has been incorporated in Los Angeles. The directors are: E. A. Rasmussen, J. Smidt and E. J. Rosenmayer, all of Los Angeles.

Berkeley. Electrical Company, for twenty years located in Center street, Berkeley, has moved to new shop and office quarters at 2056 University Ave., that city. Frank Leonard heads the concern.

Tilden Lumber & Mill Company of Oakland has taken over the Oakdale Lumber Company at Oakdale. The consideration is reported to be in the neighborhood of \$75,000.

H. W. Frazer has been appointed building inspector of the city of Compton. He will combine with his duties those of plumbing and electrical inspector.

The third national exposition of power and mechanical engineers will be held at the Grand Central Palace, New York City, from December 1 to 6, inclusive.

Yards, stock sheds and mills of the Success Manufacturing Company at Spokane, Wash., were destroyed by fire Aug. 3. The loss is estimated at \$100,000.

The Sacramento Plumbing Supply Company, 615 J street, Sacramento, plans early construction of additional storage quarters in R street between 7th and 8th streets, Sacramento.

California Rock & Sand Co., capitalized at \$100,000 has been incorporated in Los Angeles. Directors are: A. G. Lorbeer, R. and O. Meadows, H. H. Appel and B. Mead, all of Los Angeles.

D. C. Casselman, former secretary of the Los Angeles Builders' Exchange, is now associated with the Homecrafts Corporation of Glendale.

F. E. Newberry Electric Co., of Calif. announces the removal of its San Francisco offices to 1160 Bryant street.

A decided betterment in the lumber market is reported from nearly every producing section, says the "American Lumberman." Latest statistics report of the Southern Pine Association shows orders at subscribing mills this month have risen sharply to 102 per cent of normal—the highest this year. Production during the same time stood at 80 per cent of normal, and shipments averaged 77 per cent. There is, in fact, an active call for all items of yard and shed stock, and the recent substantial increase in inquiry indicates that needs are extensive, and that the recent rise in demand is no mere fluctuation. The Douglas fir industry also has experienced a good business during recent weeks, especially after the Fourth. Orders booked by the mills reporting to the West Coast Lumbermen's Association by mid-July attained 19 per cent above production, which in the meantime had risen to practically normal.

Shipments of Portland cement during the month of June 1924, reached 15,036,000 barrels, the highest figure on record, according to statistics prepared by Ernest P. Burchard of the United States geological survey. Of this amount, 351,000 barrels were shipped from Washington, Oregon and Montana. Production in the United States during the month totaled 13,532,000 barrels, against 12,383,000 barrels produced in June, 1923. Stocks of clinker or underground cement at the mills at the end of June, 1924, amounted to 7,618,000 barrels, compared with 8,225,000 barrels at the beginning of the month.

Arrangements for a "Paint-up, Clean up" campaign to be held shortly in Sacramento for the purpose of beautifying the city before the opening of the state fair and the American Mining Congress are being made by a group of business men. The co-operation of all civic organizations and the city council will be sought as well as painters and paint dealers.

As the department of commerce figures it out, labor costs on a frame building run: Carpenters, 49.6%, bricklayers, 6.2%, hod carriers, 2.2%, plasterers, 7.9%, plumbers, 8.7%, electricians, 2.6%, painters, 10%, common laborers, 6.3%, and all others, 6.5%.

Howard C. Means, chief engineer, and Levi Muir, materials engineer of the Utah state highway department, recently completed an inspection of resurfacing and repaving of state and county highways in California.

Homer T. Hayward Lumber Company, capitalized at \$150,000, has filed articles of incorporation at Santa Cruz. Directors are: Homer T. Hayward, Maud A. Hayward, Arthur G. Hayward and C. H. Giffen, Jr.

Capt. G. H. Thomas, the record breaking motor truck salesman for the Mack International Motor Truck Corporation, has sold to the Henry Cowell Lime & Cement Company a three and one-half-ton Mack platform truck.

Henry Weiss, president and manager of the West Coast Porcelain Manufacturing Company of Milbrae, has purchased two-thirds of the capital stock of the Peninsula Bank at Burlingame.

James Burke, for forty-eight years a building contractor in Reno, Nevada, died in that city July 30. He was 84 years old and a native of Ireland.

Opening up a vast tract of timber that it is estimated will require fifteen years to cut, the F. S. Murphy Lumber Company of Quincy has completed an incline grade running from the base of the hill south of the Lowry ranch in American Valley to the Peppered property on the top of the nearby mountain—a distance of 4800 feet with a maximum grade of 58.6 feet to the mile. W. Y. Stoddard, manager for the Murphy interests in Plumas County, says it was expected to do some cutting this Fall, but if preparations were not completed in time the new camp would be in operation early in the Spring.

San Mateo-Burlingame Exchange Club has had report prepared covering the proposed construction of a concrete lined tunnel, 4000 feet in length, for automobile and railroad traffic, through San Morena Mountain to provide accommodations to develop the coastside of San Mateo county. The project is estimated to cost \$1,051,200. A copy of the report has been forwarded to the San Mateo county supervisors and to various civic organizations seeking their aid in putting the project through to completion. A county bond issue is contemplated to finance construction.

Berkeley contemplates revising its building laws so that the city will have a uniform law with San Francisco, Oakland and other bay cities. City Manager John N. Eddy has directed Building Inspector Stanley Koch and City Attorney Earl J. Sinclair to make a study of the Berkeley laws and to call in a local architect and builder to confer on the proposed changes. At present Berkeley has a local building law and a local housing law, which, according to Building Inspector Koch, conflict. There is also a comprehensive zoning law in effect in Berkeley.

With the Settlement of the labor dispute between marble contractors and the marble cutters in Los Angeles, August 4, work by the marble mechanics on the new 15-story Pacific Southwest Bank Building in Fresno, will be resumed at once. The Fresno mechanics went out about two weeks ago in a sympathy strike with the Los Angeles workers.

Robert Paint Co., 380 Twelfth street, Oakland, has taken over the line of the California Paint Company which the firm handle exclusively. The California Paint Company established a plant in San Francisco in 1865, subsequently moving to Oakland. The Robert Paint Company formerly operated under the name of Rober Bros.

E. D. Hayward and W. J. Stich have been selected assistant engineers to Albert Givan, chief engineer and general manager of the Sacramento Public Utility District. Givan, formerly associated with Mr. Givan as assistant engineer when the latter was city engineer of Sacramento.

Frank B. Joyner, former county road commissioner, has been appointed special assistant county road commissioner by Los Angeles county board of supervisors. He will have supervision of field work for construction and maintenance.

The Chicago Building Trades Council has announced that it will establish a \$6,000,000 union labor bank to be in operation before January 1, 1925.

Building News Section

APARTMENTS

Plans To Be Figured Next Week.

APARTMENTS Cost, \$200,000
SAN FRANCISCO, Nob Hill.
 Nine-story class A community apartment.
 Owner—Withheld.
 Architect—Carl Werner, Santa Fe Bldg.
 San Francisco.

Contract Awarded.
APARTMENTS Cost, \$32,000
OAKLAND, E. Yorke St. 350 400 N
 Mandana Blvd.
 Two 2-story 16-room frame apartment building.
 Owner—B. L. Campbell, 1636 Franklin St., Oakland.
 Contractor—California Builders Co., 1636 Franklin St., Oakland.

Plans Being Prepared.
APT. HOUSE Cost, \$125,000
OAKLAND, Grand Ave.
 Six-story reinforced concrete apartment house.
 Owner—Withheld.
 Architect—Ed. M. Sharp, 60 Sansome St.
 San Francisco.

Sub Contract Awarded.
APARTMENTS Cost, \$143,974
SAN FRANCISCO, No. 2006 Washington Street.
 Ten-story reinforced concrete apartment house.
 Owner—Two Thousand Six Washington Street, Inc.
 Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
 Contractor—Robert Frost, 26th and Howard Sts., San Francisco.
Marble awarded to Vermont Marble Works, 244 Brannan St., S. F. at \$23,900.
 As previously reported, painting was awarded to Neal Co. at \$4290.

Contract Awarded.
APARTMENTS Cost, \$14,000
SAN FRANCISCO, W. Buchanan 34-6 N
 Herman St.
 Two-story frame apartment building.
 Owner—P. M. Paulson, 3831 17th St., San Francisco.
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.
 Contractor—Joel Johnson, 180 Jessie St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$14,225
OAKLAND, S. 40th St. 250 W Telegraph Ave.
 Two-story frame apartment building and garage.
 Owner—John A. McLeod.
 Designer—Frank Barry, 1074 Harvard Rd., Oakland.
 Contractor—Fred J. Westlund, 795 Highland, Oakland.

Plans Being Completed.
APT. BLDG. Cost, \$35,000
SAN FRANCISCO, Corner Guerrero and Liberty Sts.
 Three-story frame apartment building (12 apts. 3-rms. each).
 Owner—E. Ellingson.
 Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Completed.
APT. BLDG. Cost, \$80,000
SAN FRANCISCO, Marina District.
 Three-story frame store and apartment building.
 Owner—Withheld.
 Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
APTS. & STORES Cost, \$45,000
SAN FRANCISCO, North Beach District.
 Three-story frame and stucco (8) apts and (5) stores.
 Owner—Withheld.
 Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$18,000
SAN FRANCISCO, N 17th 110-3 E
 Guerrero.
 Two-story and basement frame apartment building (6 apts.).
 Owner—Thomas & Katherine Casey, 3376 24th St., S. F.
 Architect—John J. Foley, 770 5th Ave. San Francisco.
 Contractor—J. S. Purcell, 850 Presidio Ave., San Francisco.

Contract Awarded.
STORE & APT. BLDG. Cost, \$15,000
OAKLAND, NW Cor. 43rd & Telegraph Avenue.
 Two-story frame store and apartment building.
 Owner—J. H. Fitzgerald, Vallejo, Cal.
 Contractor—E. A. Stewart, 102 Magnolia Ave., Piedmont.

Plans Completed.
APARTMENTS Cost, \$15,000
SAN FRANCISCO, S. Ulloa 70 E
 West Portal.
 Two-story and basement concrete Class C store and apartment building (5 apts.).
 Owner—Myrl R. Crane, 74 Miramar Ave., San Francisco.
 Architect—N. R. Coulter, 46 Kearny St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$15,000
BERKELEY, 2436 Warring.
 Two-story frame apartment building.
 Owner—Hannah J. Powell, 354 Alcatraz Ave., Berkeley.
 Architect—R. Z. McCoy, 1240 29th Ave., Oakland.
 Contractor—H. W. McIntier, 1523 Franklin St., Oakland.

LOS ANGELES, Cal.—Arch. Saul H. Brown, 528 Union League Bldg., has completed plans for a 4-story Class C apt. bldg. to be erected at 12th St. and Grandview Ave. for Louis Siegel. There will be 85 single apts. and a large lobby. Brick walls, terracotta

trim, struc. steel, comp. rfg., gas rads., aut. water hrs., tile baths and drains, hardy fls., pine trim, walled, refrigerators, elevators, fire escapes; \$150,000. Owner will erect by day labor.

BONDS

PITTSBURG, Contra Costa Co., Cal.—Election will be called at once to vote bonds of \$12,500 to finance erection of municipal library. City has \$7,500 available for such a structure which will be added to the amount voted.

PERRIS, Cal.—Election will be held Aug. 18 to vote \$9500 bond issue to purchase site, const. 600,000-gal. reservoir and extension of present water system to connect with the new reservoir.

EL CERRITO, Contra Costa Co., Cal.—Town trustees estimate bond issue for \$100,000 will be called to finance erection of new city hall, firehouse and playground improvements.

NAPA, Napa Co., Cal.—Gordon Valley School District votes \$4000 bond issue to finance erection of new school.

SANTA ROSA, Sonoma Co., Cal.—Election will be held Aug. 25 in Eagle School District to vote bonds of \$33,000 to finance erection of new school. Trustees of district are: R. H. Waite and B. O'Hara.

BAKERSFIELD, Kern Co., Cal.—Election will be held Aug. 28 in Johannesburg School District to vote bonds of \$3000 to finance school improvements. Trustees of district are: Glenn Kinsey, Mrs. H. J. Jackson and H. G. Nossor.

SUNNYVALE, Santa Clara Co., Cal.—Petitions are being circulated in West Side Union High School District seeking another election to vote bonds to finance erection of new high school. Previous election for \$150,000 was defeated by 35 votes.

WOODLAND, Yolo Co., Cal.—County supervisors sell \$18,000 bond issue of Davis School District for premium of \$1059. Proceeds will finance school improvements.

YUBA CITY, Yuba Co., Cal.—Election to vote bonds of \$10,000 to erect new Lincoln School, replacing structure destroyed by fire, carried.

BAKERSFIELD, Kern Co., Cal.—Supervisors sell \$17,000 bond issue of Vineland School District to finance school improvements. Premium of \$1395 paid for issue.

BAKERSFIELD, Kern Co., Cal.—Bids will be asked shortly by county supervisors for purchase of \$27,000 bond issue of McFarland School District to finance additions to present Union Grammar School.

VISALIA, Tulare Co., Cal.—Until Aug. 21, bids will be received by county supervisors for purchase of \$5500 bond issue of Lindcove School District; proceeds of sale to finance one-classroom addition to present structure.

GLENDALE, L. A. Co., Cal.—City council contemplates a \$60,000 bond issue for additional fire stations and a \$50,000 bond issue for a civic center and city hall expansion program; these items to be included in a proposed municipal improvement bond issue.

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CHURCHES

Structural Steel Contract Awarded.
SYNAGOGUE Cost, \$1,000,000
SAN FRANCISCO. Auguello Blvd. and
Lake St.
Jewish Synagogue.
Owner—Temple Emanuel, 450 Sutter
St., San Francisco.
Architect—Sylvain Schnaittacher, 233
Post St., San Francisco.
Contractor—McDonald & Kahn, 130
Montgomery St., San Francisco.

Working Drawings Being Prepared.
CHURCH Cost, \$85,000
SACRAMENTO, Cal. Thirty-seventh &
K Streets.
Brick church.
Owner—Fremont Presbyterian Church.
Architect—Leonard F. Starks, Ochsner
Bldg., Sacramento.

Contract Awarded.
PIEDMONT, Alameda Co., Cal.
CHURCH BLDG. Cost, \$84,500
One-story class C church building.
Owner—Roman Catholic Archbishop of
S. F., 1100 Franklin St., S. F.
Architect—George E. McCrea, 369 Pine
St., San Francisco.
Contractor—J. P. Brennan, 1519 Hearst
St., Berkeley.

SAN MATEO, San Mateo Co., Cal.—
Early construction of a Dominican
Monastery in Griffith Ave., bet. Poplar
and Bellevue Aves., the former site of
the Church Divinity School of the
Pacific, is contemplated. The site
covers approx. 5 acres. Construction
will be financed by the Hibernia Bank
of San Francisco.

TUCSON, Ariz.—E. A. Daw, Tucson,
has been awarded general contract to
erect Sunday School building for Tri-
nity Presbyterian Church of Tucson. It
will be two-story and basement and
will contain classrooms and assembly
hall. A large church will be erected at
a future date. Concrete and brick
walls, plaster exterior, tile roof, pine
trim and floors, hot air heating, water
heater, metal lath, art stone, struc-
tural steel, art glass, staff work. The
first unit will cost \$50,000 and the two
units \$150,000. Robert H. Orr, architect,
1305 Corporation Bldg., Los Angeles.
Henry O. Jaastad, supr. archt., 96 N.
Stone Ave., Tucson.

FACTORIES & WAREHOUSES

Figures Being Taken for General Con-
tract.
WAREHOUSE Cost, \$150,000
SAN FRANCISCO. Fifth and Bluxome.
Four-story and basement reinforced
concrete warehouse building.
Owner—Dohrmann Commercial Co.,
Stockton and Geary Sts., S. F.
Architect—Ashley & Evers, 58 Sutter
St., San Francisco.

Sub Figures Being Taken.
OFFICE & WHSE. Cost, \$50,000
SAN FRANCISCO, 4th and Harrison Sts.
Two-story reinforced concrete office
and warehouse building.
Owner—Garnett Young & Company,
612 Howard St., San Francisco.
Architect—Engineering Department.
Contractor—K. B. Parker Co., 515 Cali-
fornia St., San Francisco.

Structural Steel Awarded.
ALTERATIONS Approx. \$1,250,000
CROCKETT, Contra Costa Co., Cal.
Erect one-story reinforced concrete
2nd story building, 250x460 ft. to be
known as Sections 2 and 3 of ware-
house No. 1.
Owner—California & Hawaiian Sugar
& Refining Co.
Con. Eng.—A. A. Brown, 215 Market St.
San Francisco.
Contractor—Moore Dry Dock Co., Foot
Adeline St., Oakland.

Plans Being Completed—Grading Con-
tract Awarded. Cost, \$40,000
SAN FRANCISCO. N Mission bet. 12th
and 13th Sts. through to Otis St.
Two-story Class B reinforced concrete
wholesale building for plumbing
supplies.
Owner—Dahziel-Moller Co., 556 Mission
St., San Francisco.
Architect—Willis C. Lowe, Monadnock
Bldg., San Francisco.
Grading awarded to Farrar & Carlin,
180 Jessie St., San Francisco.

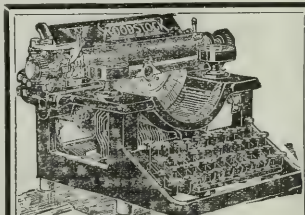
Plans Being Prepared.
WAREHOUSE Cost, \$22,000
SAN FRANCISCO, 2nd and Brannan Sts.
Alterations to concrete warehouse bldg
Owner—Crane Company.
Architect—Lewis F. Hobart, Crocker
Bldg., San Francisco.
Contractor—Chas. Stockholm & Son.,
Monadnock Bldg., San Francisco.

LOS ANGELES, Cal.—Fairbanks-
Morse Co., 427 E. Third St., Los Angeles,
will erect a plant costing between
\$750,000 and \$1,000,000 in the Los An-
geles industrial district. The state-
ment is made by Robt. Morse, president
of the company.

SAN DIEGO, Cal.—San Diego Wood
Products Corp., T. J. McKell, pres., ex-
pects to start work soon on a new 2-
story concrete and brick factory bldg.
to be built at 13th and G Sts. It will
have 40,000 sq. ft. of floor space.

LOS ANGELES, Cal.—C. T. McGrew
& Son, 1345 W. Ocean Ave., Long Beach
have the general contr. at \$182,379 for
erecting a 4-story and basement brick
newspaper plant and business bldg. at
cor. 6th St. and Pine Ave., Long Beach,
for the Long Beach Press Building Co.
W. Horace Austin, 521 Pac. S.W. Bldg.,
Long Beach, archt. Found. 50x150 ft.,
face brick, plate glass and terra cotta
front, cement and hardwood fls., app-
rt., steam heat, one passenger and one
freight elevator.

LOS ANGELES, Cal.—Architect John
M. Sooper, 321 Marsh-Strong Bldg., has
completed plans for a truck storage
and service plant to be erected at Ala-
meda St., Long Beach Ave. and 21st St.,
for the Mack International Motor
Truck Corp. The building will be di-
vided into 2 sections, a 2-story Class A
reinforced concrete section, 250x300 ft.,
and a 1-story Class C section, 135x900
ft., concrete and brick walls, basement,
composition roofing, cement and maple
floors, metal skylights, steel sash,
ramps, gas heating system, plate glass,
sprinkler system in basement. Cost,
\$350,000.



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SACRAMENTO, Cal.—Sacramento
Plumbing Supply Co., 515 J St., is hav-
ing plans prepared for a warehouse to
be erected in R St., bet. 7th and 8th
Streets.

LOS ANGELES, Cal.—Edwin T.
Flaherty Co., engineers, 634 I. W. Hell-
man Bldg., is preparing plans for a
Class A addition to warehouse at 115
S. Western Ave. for the Wilshire Fire-
proof Storage Co. Dimensions, 60x100
ft., 8-story, reinforced concrete con-
struction, composition roofing, pressed
brick facing, cement floors, plate glass,
electric freight elevator, ornamental
iron work. The building will be used
for general storage space, and the
first floor will be devoted to stores.

LOS ANGELES, Cal.—Architect John
M. Sooper, 321 Marsh-Strong Bldg., is
preparing plans for the first unit of a
Class A warehouse to be erected on
McGarry St., between 8th and 9th Sts.
for Ray H. Arnold. Dimensions, 135x
220 feet, reinforced concrete construc-
tion, 5-story, plaster exterior, composi-
tion roofing, steel sash, cement floors,
metal skylights, sprinkler system,
steel roofing, cement floors, 4 electric freight
elevators. Cost, \$400,000.

SAN FRANCISCO—Sanitary Laundry
Co. 15 McCoppin St., has taken option
on property in south side of 17th hSt.,
bet. Potrero Ave. and Hampshire St.,
and contemplates erection of laundry
plant. Benjamin Dietrich is president
of the company.

ANAHEIM, Orange Co., Cal.—Cham-
ber of Commerce announces that an
acre of ground in the industrial site
has been transferred to West Vir-
ginia Lamp Co. and that work will be
started soon on several factory bldgs.
by this company.

FLATS

Plans Completed. Cost, \$26,000
FLATS
SAN FRANCISCO. NE Grant Ave. and
Greenwich St.
Three-story and basement frame flat
building (9 flats).
Owner—L. N. Santini and E. Ciampolini,
619 Washington St., San Francisco.
Architect—J. A. Porporato, 619 Wash-
ington St., San Francisco.

Contract Awarded. Cost, \$25,000
FLATS
SAN FRANCISCO. N Francisco 135 W
Van Ness Ave.
Three-story and basement frame flat
building (6 flats).
Owner—John Eshia, 517 Monadnock
Bldg., San Francisco.
Architect—O'Brien Bros., Inc., 315
Montgomery St., San Francisco.
Contractor—Kincannon and Walker,
275 Russ Bldg., San Francisco.

Plans Complete. Cost, \$10,000
FLATS
SAN FRANCISCO. SE 7th and Julia
Streets.
Two-story and basement frame flat
building (6 flats).
Owner—W. Blomer, 825 Monadnock
Bldg., San Francisco.
Architect—H. C. Hladik, Monadnock
Bldg., San Francisco.

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SAN FRANCISCO, CALIF.

Plans Complete.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, E 26th Ave. 250 S
Geary.
Two-story and basement frame flat
bldg. (2 flats).
Owner—J. C. Thomas, 1421 Balboa St.,
San Francisco.

Plans Complete.
FLAT BLDG. Cost, \$10,000
OAKLAND, 49th St.
Two-story frame and stucco flat bldg.
Owner—W. D. Bunker, 329 49th St.,
San Francisco.
Architect—Hutchinson and Mills, 1214
Webster St., San Francisco.

Plans Being Figured.
STORE & FLAT BLDG. Cost, \$20,000
SAN FRANCISCO, NE Cor. 38th and
Balboa.
Two-story frame store and flat bldg.
Owner—C. O. Clausen, Hearst Bldg.,
San Francisco.

Contract Awarded.
FLATS Cost, \$10,000
SAN FRANCISCO, N Francisco, 230 E
Octavia.
Two-story and basement frame flat
building (2 flats).
Owner—A. Puccini, 2317 Jones St., San
Francisco.
Architect—J. A. Porporato, 619 Wash-
ington St., San Francisco.
Contractor—Meyer Bros., First Natl.
Bank Bldg., San Francisco.

Bids Being Taken.
FLATS Cost, \$12,000
SAN FRANCISCO, Army St. W. Guer-
rero.
Two-story and basement frame flats.
Owner—Henry Ratto.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.
Bids will be taken by the owner.

Contract Awarded.
FLATS Cost, \$12,000
SAN FRANCISCO, W Twentieth Ave.
125 N Fulton St.
Two-story and basement frame flat
building (2 flats).
Owner—C. A. Bullwinkell, 627 11th
Ave., San Francisco.
Architect—None.
Contractor—A. T. Morris, 687 11th
Ave., San Francisco.

Plans Completed.
FLATS Cost, \$10,000
SAN FRANCISCO, N Balboa 82-6 E
Twentieth Ave.
Two-story and basement frame flat
building (2 flats).
Owner—Johnson & Anderson, 4 Steiner
St., San Francisco.
Architect—None.

Plans Completed.
FLATS Cost, \$17,000
SAN FRANCISCO, E Guerrero 150 S
Seventeenth St.
Three-story and basement frame flat
building (6 flats).
Owner—A. E. Torelli, 3538 17th St., San
Francisco.
Architect—P. Righetti, 12 Geary St.,
San Francisco.

Plans Being Prepared.
FLATS Cost, \$12,000
SAN FRANCISCO, S Bay 98-9 E Gough
Two-story and basement frame (2)
flats.
Owner—T. O'Brien, 886 Dolores St., San
Francisco.
Architect—Fabre & Hildebrandt, 110
Sutter St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

Sub-Contracts Awarded.
WAREHOUSE Cost, \$255,268
SAN FRANCISCO, Spear and Harrison.
Three-story reinforced concrete supply
warehouse.

Owner—U. S. Government.
Architect—Bureau of Yards and Docks
Navy Dept., Washington, D. C.
General contract awarded to K. E. Par-
ker Co., Clunie Bldg., S. F. on Prop.
No. 2 at \$255,268; all work except
excavating, elevator and sprinkler
system.

Reinforcing steel to Edw. L. Soule Co.,
Rialto Bldg., San Francisco.
Steel rolling doors to V. S. Persons,
Hearst Bldg., San Francisco.

Plastering to Harley Enlow 1778 Hayes
St., San Francisco.

Heating to Allen Douglas.

Plumbing to Sugarman Heating Co.,
3624 Geary St., San Francisco.

Wiring to E. Newbery Elec. Co., 1160
Eryant St., San Francisco.

Sheet metal to Capitol Metal Works,
1133 Howard St., San Francisco.

SAN FRANCISCO—As previously re-
ported, contract for general construction
of U. S. Marine Corps storehouse
at Main and Harrison Sts., awarded to
K. E. Parker Co., 519 California St.,
San Francisco, at \$255,268, (items 2, 3, 4, 5
and 6, also accepted).

Grinnell Co., 610 Brannan St., San
Francisco, at \$12,177, awarded contract
for sprinkler system.

Farrar & Carlin, 185 Stevenson St.,
San Francisco, at \$33,940 awarded con-
tract for grading; time for completion,
45 days.

Above project is provided for under
Bureau of Yards and Docks, Specifica-
tion No. 4999.

OAKLAND, Cal.—Barrett & Hilp, 916
Harrison St., San Francisco, at \$2,748,
time for completion 90 days, awarded
contract by Supervising Architect,
Treasury Department, for changes in
side entrance of Oakland Post Office.

WASHINGTON, D. C.—Bids are be-
ing rec. by Bureau of Supplies & Ac-
counts, Navy Department, to fur. and
del. materials to Navy Yards and Sta-
tions, date to open bids as noted at
close of each paragraph.

Sched. 2491, Puget Sound, 4 motor-
driven oil pumps and 2 sets spares,
August 19.

Sched. 2492, Mare Island, 25 fuel oil
burners and 1 set of spare parts, Aug.
19.

Sched. 2494, Puget Sound, 550 gals
turpentine, Aug. 12.

Sched. 2495, Mare Island, miscellane-
ous blanché and zinc dust and zinc
oxide, Aug. 19.

Sched. 2496, western yards, gums,
yacca and varnishes, Aug. 19.

Sched. 2497, Mare Island, bituminous
enamel and primer, Aug. 19.

Sched. 2498, eastern and western
yards, hide and marine glue, Aug. 19.

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PEARL HARBOR, T. H.—Following
bids received by Bureau of Yards and
Docks, Navy Department, Washington,
D. C., under Specification No. 4975 to
erect storehouse and case ammunition
filling house at Naval Operating Base,
Pearl Harbor:

Item 1, work, complete; 1a, store-
house; 1b, filling house; 2, add or de-
duct for 1 typical bay of storehouse;
3a, deduct for omission of bay 1 from
filling house; 3b, deduct for omission
of bay 2 from filling house; 4a, add or
deduct for slab on fill construction al-
ternative A for the 7 bays southeast
end filling house; 4b, deduct for omis-
sion of bay 1 and substitution of slab
on fill for 6 bays southeast end filling
house.

H. L. Fernandez & Co., Honolulu, T.
H., item 1a, \$50,000; 1b, \$4,500; 2, \$6,-
500; 3a, \$4,000; 3b, \$4,000; 4a, \$3,000;
4b, \$4,200.

Hawaiian Contracting Co., Honolulu,
T. H., items 1a and 1b, \$89,890; 2, add
\$5,040, deduct \$4,200; 3a, \$2,210; 3b, \$2,-
210; 4, \$1,000; add, \$2,930.

J. L. Young, Honolulu, item 1a, \$40,-
000; 1b, \$40,000; 2, \$4,400; 3a, \$2,460; 3b,
\$2,600; 4a, \$700; 4b, \$2,350.

W. F. Martens, Honolulu, T. H., item
1a, \$39,000; 1b, \$36,200; 2, add \$3,800,
deduct \$3,600; 3a, \$2,300; 3b, \$2,400; 4a
\$2,400; 4b, \$2,400.

Walker & Olund, Honolulu, T. H.,
item 1a, \$39,515; 1b, \$34,777; 2, \$3,840;
3a, \$1,800; 3b, \$1,900; 4a, \$166; 4b,
\$1,800.

A. Southard, San Diego, Calif., item
1a, \$40,161; 1b, \$36,527; 2, \$4,675; 3a,
\$2,758; 3b, \$2,826; 4a, \$1,798; 4b, \$4,557.

Louis R. Smith, Honolulu, T. H., item
1a, \$52,081; 1b, \$45,332; 2, add \$6,340,
deduct \$5,800; 3a, \$3,250; 3b, \$3,100; 4a,
\$1,300; 4b, \$4,550.

Allen Pope, Washington, item 1a,
\$43,000; 1b, \$40,000; 2, add \$5,000, de-
duct, \$4,000; 3a, \$2,300; 3b, \$2,400; 4a,
\$1,000; 4b, \$2,400.

NOGALES, Ariz.—Roy & Titcomb,
Inc., Nogales, Ariz., at \$1,198 submits
low bid to Supervising Architect,
Treasury Department, Washington, D.
C., to furnish door and window screens
for Nogales post office. King Bros. &
Collier, Newport News, Va., only other
bidder at \$1,432.21.

SAN DIEGO, Cal.—J. P. Sullivan, 4515
Indiana Ave., Chicago, Ill., at \$10,245,
time for completion 120 days, awarded
contract by Bureau of Yards and Docks
to paint buildings at Naval Operating
Base, San Diego, under Specification
No. 4993.

VASHON ISLAND, Wash.—Bureau of
Yards and Docks, Navy Department,
Washington, D. C., preparing specifica-
tion No. 5008 for steel beacon towers
at Vashon Island, Wash.

SAN DIEGO, Cal.—Bureau of Yards
and Docks, Navy Department, Wash-
ington, D. C., preparing Specification
No. 5009 for extensions to nurses'
quarters at San Diego, Calif.

SAN FRANCISCO—Until Sept. 1, 12
M., bids will be received by Wm.
Arthur Newman, Supervising Superin-
tendent, 402 U. S. Post Office Bldg., 7th
and Mission Sts., to fur. and install
new light fixture in Customs house, San
Francisco. Further information ob-
tainable from above office.

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HALLS AND SOCIETY BUILDINGS

Segregated Bids Being Taken.
STORE, ETC. Cost, \$90,000

SAN RAFAEL.
Two-story steel and brick store and office and lodge building (22 offices, 5 stores, lodge rooms & public auditorium).
Owner—San Rafael Masonic Hall Association.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans To Be Prepared.
STORES & LODGE BLDG. \$175,000
BERKELEY. Alameda Co., Cal., NW University Ave. and Milvia St.
Four-story and basement class B reinforced concrete and steel and lodge tile (4) stores and lodge bldg.
Owner—Berkeley Council, Knights of Columbus.
Architect—Not selected.

Sub-Contracts Let.
STORE, ETC. Cost, \$1,000,000
SAN FRANCISCO. N Post St., between Powell and Mason Sts.
Thirteen-story class A store and club building.

Owner—Elm Club.
Architect—Meyers and Johnson, 742 Market St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractor—R. McLeran Co., Hearst Bldg., San Francisco.

As previously reported, ornamental iron was awarded to Peerless Ornamental Iron & Bronze Co., 1528 Folom Street, San Francisco; elevators to Spencer Elevator Co., 166 7th St., San Francisco; plumbing to Jas. H. Pinkerton, 327 Howard St., S. F.; heating to Scott Co., 243 Minna St., S. F.; electrical work to Decker Elec. Co., 149 New Montgomery St., S. F.

Plastering awarded to Peter Bradley, 130 Jessie St., San Francisco.
Kitchen equipment—Nathan Dohrmann Geary and Stockton, S. F.
Water softeners to Permutit Co., Balboa Bldg., San Francisco.

Contract Awarded.
CLUB HOUSE Cost, \$25,000
TRUCKEE RIVER near Reno, Nevada.
Two-story frame and rustic finish club house.

Owner—S. F. Fly Casting Club, Balfour Bldg., San Francisco.
Architect—Levy and Hobart, Crocker Bldg., San Francisco.
Contractor—Proctor & Cleghorn, Rosenberg Bldg., Santa Rosa.

Figures to be Taken in Two Weeks.
LODGE & OFFICE Cost, \$170,000
SAN JOSE. Santa Clara Co., Cal. North First St.
Six-story and basement reinforced concrete lodge and office building.
Owner—Knights of Columbus, San Jose
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

BERKELEY. Alameda Co., Cal.—Del Rey Club of Berkeley has been incorporated to finance erection of a \$35,000 club house at 1711 Euclid Ave. to replace structure destroyed by fire. Club members, all graduates of the University of California, include C. H. Garvey, C. F. Masten, Dr. Coford Johnson, C. Davidson and Alex Sherriffs.

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LOS ANGELES. Cal.—Edwards, Wilsey & Dixon Co., 515 Black Bldg., were low bidders at \$910,000 on the general contract for erecting the new Shrine auditorium bldg. at Jefferson & Royal Sts. C. J. Kubach Co., 301 Merchants National Bank Bldg., was low at \$235,450 on the banquet hall section. J. C. Bannister, 903 N. Mariposa St., submitted a bid of \$26,670 on the auditorium and \$310,665 on the banquet hall, which would make him low bidder on the two bldgs. combined. John C. Austin, 1125 Detwiler Bldg., and A. M. Edelman, H. W. Hellman Bldg., assoc. archts; G. Albert Lansburgh, consulting archt. The bids were: General contract—Edwards, Wilsey & Dixon, \$910,000 for auditorium section; (a) \$29,700 for banquet hall section; (b) \$6000 for extra foundation to carry a tower; C. J. Kubach Co., \$983,106; (a) \$293,840; (b) \$7080; J. C. Bannister, \$26,670; (a) \$31,650; \$6750; Norton Pacific Construction Co., \$956,000. (a) \$328,000; (b) \$10,600; Wm. Simpson Construction Co., \$994,267; (a) \$324,000; (b) \$12,000; Weymouth Crowell Co., \$1,054,000; (a) \$315,500. Electric wiring—G. L. Patterson \$49,997; (a) \$8996. Painting—D. Zellinsky & Sons, \$8838, (a) \$3760. Plumbing—Howe Bros., \$49,642, (a) \$14,958. Heating—Thos. Haverly Co., \$50,000. (a) \$35,250. Ventilation—Thos. Haverly Co., \$86,635; (a) \$60,500.

RIVERSIDE. Cal.—The Labor Temple Assn. has had preliminary plans drawn for a 2-story frame and plaster store and lodge bldg. to be erected at 13th and Market Sts. Est. cost \$75,000.

SAN BERNARDINO. San Bernardino Co., Cal.—Plans for an American Legion clubhouse at 4th and D Sts. will be revived. Timothy Sheehan is the new post commander.

SUSANVILLE. Lassen Co., Cal.—T. J. Rees, Fallon, Nevada, was awarded contract at \$35,500 for brick construction of the winning Temple, construction to be of native stone. Architect Ralph D. Taylor of Susanville prepared plans for same. Other bidders were: Robert Brodie, Susanville, \$44,000; Campbell Constr. Co., Sacto., \$39,770; Woodward & Greve, Susanville, 40,933

MARTINEZ. Contra Costa Co., Cal.—Bids were received as follows on July 1st by J. H. Wells, clerk of Contra Costa County, for the construction of a one-story frame and brick general American Legion memorial building to be erected in Walnut Creek. Plans were prepared by Architect James T. Nabett, 910 MacDonald Avenue, Richmond. The contract was awarded to H. S. Mendenhall of Martinez at \$21,777. Other bidders were:
F. W. Maurice, Oakland, \$23,300
Davis-Hellier-Pearce, \$25,000
P. M. Sanford, Richmond, \$25,600
Cobby & Owsley, S. F., \$28,785

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LOS ANGELES

HOSPITALS

SACRAMENTO. Cal.—City Building Inspector Ben Covell has prepared preliminary plans for interior changes and installation of heating plant in Sacramento Orphanage. Est. cost, \$3000. The work will be financed by the Community Chest.

SAN DIEGO. Calif.—Board of Control has granted permission to Miss Hortense Coulter, acting president, board of directors of San Diego Children's Home, to solicit funds for financing erection of a new fireproof bldg. to replace the old home at 16th St. and Balboa Park. Plans are being drawn for a bldg. to cost \$100,000, of which \$40,000 has been subscribed.

NEAR CULVER CITY. Los Angeles Co., Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., will be awarded the contract to erect a group of orphanage buildings at Vista Del Mar near Culver City, for the Jewish Orphanage of Southern California; there will be 6 dormitory buildings, each building to have accommodations for 20 children, including sleeping rooms, toilets, kitchen, dining rooms and study quarters. S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., are the architects. Brick walls, 2-story and basement, 43 1/2 ft. tile and composition roofing, hardwood and pine floors, gas furnace heating system, water heaters, pine trim, tile and composition baths, etc. Cost, \$150,000.

MARSHFIELD. Ore.—Archt. Lee Thomas, United States Bank Bldg., Portland, preparing plans for hospital to be erected for Board of Hospitals and Homes of Methodist Episcopal Church, 74 Rush St., Chicago. Will be 4-story and base, reinforced concrete and tile; est. cost \$30,000.

Plans To Be Prepared.
ORPHANAGE BLDG. Cost, \$90,000
SACRAMENTO. Not definitely decided upon.
One-story fireproof orphanage bldg.
Owner—Sacramento Orphanage.
Architect—Not selected.

Plans Being Prepared.
ORPHANS' HOME. Cost, \$150,000
(First Unit).

LA VERNE. Los Angeles Co., Cal.
Two-story reinforced concrete Orphans' Home.
Owner—Home Missionary Society of Methodist Episcopal Church.
Architect—W. H. Weeks, 369 Pin St., San Francisco.

Sub Contract Awarded.
ANIMAL HOSPITAL. Cost, \$25,000
SAN FRANCISCO. Fell, west of Polk.
Two-story reinforced concrete animal hospital.
Owner—Drs. Jas. M. Arburua and Jno. Maginnes, 1190 Market St., S. F.
Architect—H. H. Jensen, Call Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Heating and plumbing awarded to Thomas Kelly.

Contract Awarded.
REMODELING Cost, \$16,376
OAKLAND. Broadway near 40th St.
Remodeling of 3-story frame building.
Owner—King's Daughter Home for incurables, (a corporation) 39th and Broadway, Oakland.
Architect—Julia Morgan, 1135 Merchants Exchange Bldg., S. F.
Contractor—D. B. Farquharson, 1760 Ellis St., San Francisco.

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FRESNO, Fresno Co., Cal.—Howard Dickey, 150 Howard St., Fresno, at \$140 awarded contract by supervisors to erect bathhouse and trench work at old peoples' home at county hospital. Barnett-Hicks Co., 1031 Broadway, Fresno, at \$3919 awarded contract to install steam heating plant.

Plans Being Prepared.
DETENTION HOME Cost, \$25,000
BAKERSFIELD, Kern Co., Cal. East Bakersfield District.
Fireproof detention home.
Owner—County of Kern, E. E. Smith, County Clerk.

Architect—Chas. H. Biggar, Bank of Italy Bldg., Bakersfield.
Structure will be fireproof construction and will provide accommodations for 20 juveniles.

Contract Awarded.
BUILDING Cost, \$30,000
LIVERMORE, Alameda Co., Cal.
One-story frame and rustic service building at County tubercular sanitarium, Del Valle Farm.
Owner—County of Alameda.
Architect—Henry H. Meyers, Kohl Bldg. San Francisco.
Contractor—N. Jensen, Livermore.

SAN FRANCISCO—Until September 3, 3 p. m., bids will be received by Bd. of Public Works to erect relief home buildings. Estimated cost \$1,600,000. Segregated bids are desired for (1) general construction, estimated cost \$1,320,000; (2) plumbing and gas fittings, \$120,000; (3) mechanical equipment, \$150,000; (4) electric work, \$70,000. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall. John Reid, Jr., city architect.

HOTELS

Plans Being Prepared.
STORE & HOTEL Cost, \$60,000
PITTSBURG, Contra Costa Co., Cal.
Three-story brick store and hotel bldg. (60 rooms with 20% baths)
Owner—Withheld.
Architect—Louis Stone and F. E. Warner, 357 12th St., Oakland.

Contract Awarded.
HOTEL Cost, \$14,750
SAN FRANCISCO, Geary & Powell.
Eight ozone, ventilating assemblies including wiring dehydrated plants, etc. for hotel bldg.
Owner—Crockett Hotel Co., Shreve Bldg., San Francisco.
Architect—Bliss and Faville, Balboa Bldg., San Francisco.
Contractor—Montgomery Bros., 61 Fremont St., San Francisco.

MONROVIA, L. A. Co., Cal.—Robert J. Stacy-Judd, 603 Hollywood Blvd., is completing plans and will receive bids shortly for erecting the first unit of the Monrovia Community Hotel Assn's new store and hotel bldg on White Oak Ave., Monrovia. Hollow tile and conc. constr. Egyptian design. Eight stores, 36 hotel rooms, 8 apts., L-shape found, 167x157 ft., basement with service equipments, stucco exter., tile and comp. rfg. cem., tile and hardwd. fls. steam heat, tile baths with each room. Cost \$150,000.

Plans Being Completed.
HOTEL Cost, \$125,000
QUINCY, Plumas Co., Cal.
Two-story brick hotel building (50 rms. dining room and all modern conveniences).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

LOS ANGELES, Cal.—Arch. Chas. F. Whittlesey, 6533 Hollywood Blvd., is preparing plans for a class A hotel bldg. to be erected at n.w. cor. 8th St. and Gladys Ave. for C. H. Clay; it will contain store and lobby on first fl. and 114-rms. on upper fls. Reinf. conc. construction, 7-sto. and part basement. conc. exter. comp. rfg. 125x35x15 ft. steam and gas htr., pine trim, pine and cem. fls., linoleum baths, elec. elevator; bldg. has been leased to C. H. Clay for a period of 25 years.

SAN DIEGO, Cal.—Salvation Army, Commander Wm. DeGaris, will erect a 3-story brick bldg. on 2nd. between F and G Sts., to cost \$50,000. It will contain an industrial store and sleeping rooms. Dimen. 50x100 ft.

POWER PLANTS

RIVERSIDE, Wash.—Miller Engineering Co., 605 Burke Bldg., Seattle, taking bids to const. hydro-electric power plant capable of developing 3000-h.p. for the Riverside Irrigation District, J. B. Williams, secy. Bids will include const. of plant including conc. dam, concrete and steel power house and 1-mi. of transmission lines. Bids open Aug. 23. Bonds of \$50,000 voted by district to finance work.

Site Purchased—Plans Being Prepared.
SUB-STATION Cost, \$250,000
ELMHURST, Alameda Co., Cal. 92nd Avenue near E-14th St.
Reinforced concrete sub-station (10,000-k. w. capacity).
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of P. G. & E. Co., 445 Sutter St., San Francisco.

PUBLIC BUILDINGS

Plumbing Contract Awarded.
AUDITORIUM Cost, \$600,000
STOCKTON, San Joaquin Co., Cal.
Class A reinforced concrete Memorial Civic Auditorium.
Owner—City of Stockton (A. L. Banks, city clerk).
Architect—Glenn Allen, 41 S-Sutter St., Stockton, and Wright and Satterlee, Bank of Italy Bldg., Stockton (comprising City Architectural Commission).

Heating plumbing and ventilating to
Stockton Plumbing & Supply Co.,
327 Miner Ave., Stockton at \$43,342
As previously reported, contract for all the structural steel erected in the building was awarded to Seiler Iron Works, 945 S Pilgrim St., Stockton, at \$51,690; general contract for all of work except the structural steel plumbing, heating and ventilating, and the electrical work to Frank Tucker, 321 N Sierra Nevada St., Stockton at \$366,179, and electrical work to Hild Electric Mfg. Co., 517 E Market St., Stockton, at \$18,862.

LOS ANGELES, Cal.—Park Commission, Exposition Park, is preparing plans for a police sub-station to be erected at Newton St. and Central Ave. The building will contain assembly hall, offices, jail, kitchen and diningroom; dimensions 44x109 ft. the front section of the building, 44x44 ft. will be Class C brick construction and the rear, 36x65 ft., will be Class A reinforced concrete construction, 2-story, basement, composition roofing, pressed brick facing, cement and hardwood floors, plate and wire glass, metal skylights, steam heating system, 65 ft. pistol range, tiled toilets and showers, pine trim, steel cells, garage in rear to house about 3 cars. \$85,000 has been appropriated for the building and \$35,000 for equipment. The building will be erected by day labor under the supervision of Park Commission.

SAN FRANCISCO—Until Sept. 1, 12 M., bids will be received by Wm. Arthur Newman, supervising superintendent, 402 U. S. Postoffice Bldg., 7th and Mission Sts., to fur. and install new light fixtures in Customhouse, San Francisco. Further information obtainable from above office.

MEXICALI, Mex.—Fernando Rodriguez, brother of governor of Lower Calif., has contract and will start work at once on a new 1-story reinf. conc. municipal bldg. to be built on Madero Ave. Dimen. 75x107 ft. Cost, \$65,000. Plans by J. Jacobs and R. T. Castenada.

SAN FRANCISCO—Until Aug. 7, 12 M., bids will be rec. by B. P. Lamb, secretary Park Commission, for general construction of boiler house to house heating equipment in M. H. de Young Memorial Museum in Golden Gate Park. Cert. check 10% payable to Park Commission recd. Plans obtainable from Weeks and Day, architects, 315 Montgomery St. See call for bids under official proposal section in this issue.

HANFORD, Kings Co., Cal.—Until Aug. 27, 2 p. m., bids will be rec. by D. C. Williams, city clerk, to erect civic auditorium building. Coates and Traver, architects, 626 Rowell Bldg., Fresno. Segregated bids are wanted for (1) carpentry, steel, concrete, etc., (2) brickwork; (3) mill work and glazing; (4) plastering, lathing and modeling; (5) painting; (6) roofing; (7) plumbing and heating; (8) electric work; (9) finish hardware. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 18, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to fur. and install furniture in branch county library at McKittick. Cert. chk 10% payable to clerk recd. Specifications on file in office of clerk.

SAN FRANCISCO—Until Aug. 18, 2:30 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and install document files in office of county clerk. Further information obtainable from above office.

SANTA ANA, Orange Co., Cal.—Community Players, Orange Co. Choral Union, Santa Ana Orchestra and Santa Ana Municipal Band have formed joint organization for promotion of a public auditorium to be built here.

RESIDENCES

Plans Complete.
PIEDMONT, 55 Lincoln Ave.
RESIDENCE Cost, \$16,000
One-story 5-room frame and stucco residence and garage.
Owner—J. A. Mathews, 6444 Benvenue, Piedmont.
Architect—None.

Owner Taking Figures.
RESIDENCE Cost, \$10,000
BEKELEY, Alameda Co., Cal. Thousand Oaks.
Two-story seven-room frame residence
Owner—W. E. Mansfield.
Architect—Edward Glass, Underwood Bldg., San Francisco.

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Contract Awarded.
RESIDENCE Cost, \$10,942
BERKELEY, 30 The Uplands.
Two-story frame and stucco residence
and garage.
Owner—J. A. Stroud, 60 The Uplands,
Berkeley.
Architect—C. C. Dakin, 3034 Hillegass
Berkeley.
Contractor—Ben Pearson, 2403 Grant,
Berkeley.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, E Gough N Lombard.
Two-story frame and brick residence.
Owner—John McGovern.
Architect—Shea & Shea, Chronicle
Bldg., San Francisco.
Contractor—E. J. Montgomery, 1320
Broadway, San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$15,000
OAKLAND, Alvarado and Vicente Sts.
Two-story and basement frame and
stucco residence.
Owner—F. E. Romie, 418 Newton St.,
Oakland.
Architect—Hutchison and Mills, 1214
Webster St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$14,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence
and separate garage.
Owner—John Cummings.
Architect—Masten & Hurd, 278 Post St.,
San Francisco.
Contractor—J. Prout, 515 Magellan St.,
San Francisco.

Contract Awarded.
DWELLINGS Cost, \$35,000
BERKELEY, 709 711 713 715 717 719 721
Hilldale Ave.
Seven 1-story frame dwellings.
Owner—Lillian M. Beer, 3103 Hamilton
St., Los Angeles.
Designers—Northern Supply Co., 251
Kearny St., San Francisco.
Contractor—W. D. Henderson, 619 Monadnock Bldg., S. F.

Contract Awarded.
RESIDENCE Cost, \$17,000
OAKLAND, N Tanglewood Rd. E Stone-
wall Rd.
Two-story 8-room frame and stucco
residence.
Owner—P. J. Swift, San Francisco.
Architect—Roland I. Stringham, 260
California St., San Francisco.
Contractor—Wm. Kat, 2430 Humboldt
Ave., Oakland.

Contract to be Awarded.
RESIDENCE Cost, \$20,000
SAN FRANCISCO, Thirty-sixth Ave.,
bet. Geary and Clement Sts.
Two-story frame and stucco Italian
Style residence with tile roof.
Owner—R. W. Naples.
Architect—Albert Parr and J. F. Ward,
68 Post St., San Francisco.
Contractor—Wm. Martin, 170 Jessie St.,
San Francisco.

Plans to be Figured Next Week.
RESIDENCE Cost, \$15,000
HILLSBOROUGH, San Mateo Co., Cal.
Hillsborough Heights.
Two-story frame and stucco residence.
Owner—Dr. Allen Benner, San Mateo.
Architect—H. H. Gutterston, 526 Powell
St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$10,000
OAKLAND, N Ashmont Ave. 150 W
Mandana Blvd., Oakland.
Two-story 7-room frame and stucco
residence.
Owner—M. M. Allen, Hotel Oakland,
Oakland.
Architect—B. E. Pommel, 966 Warfield
Ave., Oakland.
Contractor—Eublers and Contractors
Supply Co., 1403 5th St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$15,300
BERKELEY, Alameda Co., Cal. Clare-
mont Court.
Two-story & basement frame Colonial
residence (8 rooms).
Owner—C. F. Webber.
Architect—John Hudson Thomas, Mer-
cantile Trust Bldg., Berkeley.
Contractor—Louis Hansson, 1403
Bonita St., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$10,697
BERKELEY, Alameda Co., Cal. Haw-
thorne Terrace.
Two-story frame and stucco residence.
Owner—W. D. Clark.
Architect—John Hudson Thomas, Mer-
cantile Trust Bldg., Berkeley.
Contractor—Geo. J. Maurer, 177 Ridge
Way, Berkeley.

Plans Being Prepared.
RESIDENCE Cost, \$6500
OAKLAND, Alameda Co., Cal. 4th Ave.
Heights.
One-story frame and plaster residence
with tile roof (5 rooms).
Owner—Mr. Rohr.
Architect—Miller & Warnecke, Perry
Bldg., Oakland.

To Be Done By Days Labor.
RESIDENCE Cost, \$25,000
SACRAMENTO, Cal. Forty-fifth St.
Two-story and basement brick resi-
dence.
Owner—Councilman Royal Miller.
Architect—Dean & Dean, City Library
Sacramento.
Work will be done under supervi-
sion of Contractor Geo. Hudnutt, Calif.
Frt. Bldg., Sacramento.


Plans Being Prepared.
DWELLINGS Cost, \$12,000
OAKLAND, Sequoia Hills.
Three 1-story frame and plaster dwlg
Owner—Withheld.
Architect—Ed M. Sharne, 60 Sansome
St., San Francisco.

Contract Awarded.
RESIDENCES Cost, \$30,000
BERKELEY, Alameda Co., Cal. No.
2323-2329 Parker St.
Two two-story frame and stucco resi-
dences.
Owner—C. F. Mielenz, 1636 Franklin
St., Oakland.
Designer—California Builders, 1636
Franklin St., Oakland.
Contractor—California Builders, 1636
Franklin St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$12,000
SACRAMENTO, Montgomery Way.
Two-story frame and stucco residence
(9 rooms).
Owner—W. J. Argon.
Architect—Dean & Dean, Library Bldg
Sacramento.
Contractor—C. J. Hopkinson, 1318 25th
St., Sacramento.

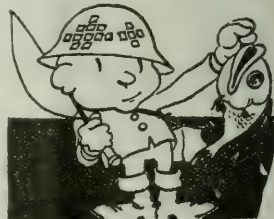
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FOR A big metropolitan paper.
BUT WE never tell anybody.
LOOK AT Howard Williams.
AND HIS big job.
AT LIVERMORE.
FOR THE U. S. Veterans.
HOWARD AND his "subs."
TOLD NO one.
TILL SANDY Pratt came along.
AND SUGGESTED a trip.
TO LIVERMORE.
THEN N. A. Dickey.
WANTED To feed the world.
SO A barbecue.
WAS PLANNED.
AND WE went to Livermore.
ON THURSDAY, July 31st.

AND THE papers.
OF AUGUST 1st.
PRINTED BIG stories.
THE EXAMINER had a picture.
FIVE COLUMNS wide.
THE CHRONICLE did the same.
THAT IS a big picture.
FOR AN event.
OF ANY size.
THEN THE Illustrated Herald.
HAD THREE pictures.
ON THE front page.
ONE OF which.
WAS SANDY Pratt, producer.
OF ROCK, gravel and sand.
AND THAT is going some.
"I THANK you."



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Contract Awarded.
RESIDENCE Cost, \$17,988
SACRAMENTO, Cal., Fortieth Street.
Two-story frame and stucco residence
and garage.
Owner—Wm. Hart, Sacramento.
Architect—Dean & Dean, City Library,
Sacramento.
Contractor—W. L. Chatterton, 1032
42nd St., Sacramento.
Bids will be received on heating,
painting and plumbing.

Plans Being Prepared.
RESIDENCE Cost, \$6500
SACRAMENTO, Cal.
One-story frame and cement residence.
Owner—George Vice
Architect—Frederick Harrison, Peoples
Bank Bldg., Sacramento.

Contract Awarded.
RESIDENCE Approx. \$9000
SAN FRANCISCO, Buena Vista Ave.
Two-story and basement frame and
stucco residence (6 rooms and ga-
rage).
Owner—Edward Glennon.
Architect—Walter Falch, Hearst Bldg.,
San Francisco.
Contractor—G. H. Gansche, San Fran-
cisco.

Plans Being Figured.
RESIDENCE Cost, \$10,000
NAPA, Napa Co., Cal.
Two-story stucco and frame 9-room
residence.
Owner—James G. Noyes.
Architect—Warren G. Perry, 260 Calif.

Contract Awarded.
RESIDENCE Cost, \$14,000
BERKELEY, Alameda Co., Cal., Euclid
Ave., near Buena Vista Ave.
Two-story frame and stucco residence
and tile roof.
Owner—Mrs. Rebecca Lockwood.
Architect—W. H. Ratcliff Jr., Mercan-
tile Trust Bldg., Berkeley.
Contractor—C. H. McCullough, 1641
Ailston Way, Berkeley.

Plans to be Figured Next Week.
RESIDENCE Cost, \$8000
OAKLAND, Alameda Co., Cal. Lake-
shore Highlands.
Two-story and basement frame and
stucco residence 6-rooms & garage
Owner—Howard Vardeman.
Architect—Willis C. Lowe, Monadnock
Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$18,000
PIEDMONT, Alameda Co., Cal. Lincoln
Avenue.
Two-story frame and stucco residence
with tile roof and basement garage
(9 rooms).
Owner—J. W. Mathews.
Architect—Sidney B. & Noble Newsom,
Nevada Bank Bldg., S. F.
Contractor—Otto Mailanen at \$7685,
3919 Opal St., Oakland.
Bids are being received on other
portions of work.

PORTLAND, Ore.—Arch. Chas. W.
Britz, Pittock Block, Portland, prepar-
ing plans for two-story 9-room resi-
dence to be erected on Palatine Hill
for Frank L. McGuire, Abington Bldg.,
Portland; will have Oriental stucco ex-
terior, with clay tile roof. Est. cost
\$20,000.

FRESNO, Fresno Co., Cal.—W. C.
Forkner and E. Brosse, of Los Angeles,
have purchased 10 building sites in the
High Addition and will start early con-
struction of ten bungalows, all of
frame and plaster construction, each
costing \$5000.

FRESNO, Fresno Co., Cal.—George
E. May, Fresno contractor, is having
plans prepared for six bungalows to
be erected in the High Addition. Costs
will average \$5500. All frame and plas-
ter construction.

GLENDALE, Los Angeles Co., Cal.—
Geo. W. Okey, 715 S. Louise St., Glen-
dale, has taken out permit to erect by
day labor an 18-family, 54-room 18
2-room units) bungalow court at 815
Mariposa St. Plaster exterior on metal
lath, composition roofs, hardwood
floors, tiled baths, gas radiators, auto-
matic water heaters, built-in beds, 8
garages. Cost, \$36,000.

SCHOOLS

Contract Awarded.
BUNGALOWS, ETC. Cost, \$8645
PITTSBURG, Contra Costa Co., Cal.
Two portable school bungalows and
additions and alterations to Pitts-
burg Grammar School.
Owner—Pittsburg Grammar School
District.
Architect—Louis S. Stone and F. E.
Warner, Associate, 357 12th St.,
Oakland.
Contractor—G. Seeno, Pittsburg, Cal.

Figures To Be Taken Next Week.
GYMNASIUM ETC. Cost, \$100,000
LEMOORE, Kings Co., Cal.
Reinforced concrete gymnasium and
shop building.
Owner—Lemoore Union High School
District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.

COLUSA, Colusa Co., Cal.—L. F.
Lewis, Colusa, at \$315 awarded con-
tract by Colusa Gram. School Dist. to
erect manual training bldg. Staple Bros
bid \$3345. Will be frame and stucco
construction with asbestos roofing.

BAKERSFIELD, Kern Co., Cal.—Un-
til Aug. 20, 7 p. m., bids will be rec.
by F. M. Powell, clerk, Toltec School
District, to erect one room frame man-
ual training building. Cert. check 10%
2- with bid. Plans obtainable from
clerk.

Bids to be Taken Next Week.
ADDITION
KERN COUNTY, Cal. Cost, \$17,000
Two-room frame addition and remodel-
ing present school building.
Owner—Vineland School District.
Architect—Edw. Glass, 525 Market St.,
San Francisco.

**Plans Being Figured — Bids To Be
Opened August 12.**
Cost, \$3000
KERN COUNTY.
One-story frame school building.
Owner—Old River School District.
Architect—Edw. Glass, 525 Market St.,
San Francisco.

Contract Awarded.
SCHOOL Cost, \$30,273
VINA, Tehama Co., Cal.
Four-classroom and auditorium rein-
forced concrete school.
Owner—Vina School District
Architect—Cole & Brouchoud, Water-
land-Breslauer Bldg., Chico.
Contractor—J. S. Mabrey, Ochsner
Bldg., Sacramento.
Other bidders were:
F. H. Betz, Ochsner Bldg., Sac., \$35,195
N. Bostrom, Orland 33,000
J. P. Brennan, Redding 35,789
R. B. McKenzie, Gerber 36,100
W. J. Shalz, Chico 32,209
J. M. Evans & Sons, Chico 33,100
Campbell Cons. Co., Nicholas
Bldg., Sacramento 37,725

**Plans Being Figured—Bids Close Sept.
4, 8 p. m.**
SCHOOL Cost, \$400,000
SAN JOSE, Santa Clara Co., Cal. Grant
Street.
One and 2-story reinforced concrete
school.

Owner—City of San Jose, Grant School,
W. L. Bachrodt, secy. Bd. of Educa-
tion.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco, and Binder & Curtis
San Jose, Associated architects.

Separate bids are wanted for (1)
general contract with various alter-
nate bids; (2) blackboards; (3) heat-
ing and ventilating. See call for bids
under official proposal section in this
issue.

STOCKTON, San Joaquin Co., Cal.—
D. E. Burgess of 601 S. California St.,
Stockton, awarded contract at \$614 to
sand blast walls, and United Paint Co.,
208 North California St., Stockton, con-
tract at \$173 for painting exterior
woodwork of Weber Primary School at
Commerce and Flora Street by Ansel
S. Williams, secy. Board of Education.

STOCKTON, San Joaquin Co., Cal.—
Towell & Medberry, Stockton, were
awarded contract at \$2442 by Ansel S.
Williams, secy. Board of Education, for
the construction of covered play court
at Jackson Grammar School. Other bid-
ders were:
Alfred Love \$2615
F. R. Zinck 2699
A. T. Vickroy 3000

MERCED, Cal.—The following con-
tracts were awarded at meeting of the
Merced Union High School Board for
the furnishing and installation of win-
dow shades and special equipment in
the Livingston Branch High School:
Window shades awarded to W. J.
Sloane, 224 Sutter St., S. F., \$174.
Special equipment to J. E. Fritz, Mer-
ced at \$4500.

Cooking tables to Kawaunee Mfg. Co.,
San Francisco, at \$498.
All bids for linenum were rejected.
Plans by Architect W. H. Weeks, 369
Pine St., San Francisco.

STOCKTON, San Joaquin Co., Cal.—
The Stockton Plumbing Supply Co.,
327 East Miner St., Stockton, awarded
contract by Ansel S. Williams, Secy.,
Board of Education, San Joaquin and
Lindsay Sts., to fur. and install urinals
in North School, Mariposa and Hunter
Sts. Wright & Satterlee, architects,
Bank of Italy Bldg., Stockton.

Other bids were:
Miller Hays Co. \$ 885
S. R. Zinck 939
Brandt Bros. 1034

BAKERSFIELD, Kern Co., Cal.—
Kern County Board of Supervisors will
include item of \$65,000 in estimates
for the current year for the erection
of a fireproof building to house juve-
nile delinquents.



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(Patent applied for)

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STOCKTON, CALIFORNIA

MODESTO, Stanislaus Co., Cal.—The following bids were opened by the Board of Trustees of the Rising Sun Joint School District of Stanislaus and San Joaquin Counties for the general erection and completion of a school building for the above named district according to plans and specifications by Architects J. H. Hoose and Victor Galbraith of Modesto:

Uebels & Van Tile, Ripon (award- ed contract)	\$15,260
H. H. Henning	15,384
E. K. Angle	15,400
Bengston & Swenson	15,800
H. H. Tennyson	16,285
W. Knutson	16,430

SACRAMENTO, Cal.—Until Aug. 15, 8 p. m., bids will be rec. by W. H. Besken, clerk Joint Junction School District, to construct addition to present school. Cert. check 10% req. with bid. Plans obtainable from H. Pratts, 3252 W St., Sacramento.

MADERA, Madera Co., Cal.—Until Aug. 11, 6:30 p. m., bids will be rec. by Arthur Sanderson, clerk, Alpha School District, to furnish 40 Triumph Combination Adjustable desks, or their equal. Further information obtainable from clerk.

LIVERMORE, Alameda Co., Cal.—N: Jensen at \$2547 awarded contract by Livermore Grammar School District to erect 2-room addition to present school.

STOCKTON, San Joaquin Co., Cal.—Board of Education, Ansel S. Williams, Sec'y., will order plans prepared for work at High School Auditorium, including installation of sanitary plant in basement; heating and ventilating work; painting and tinting.

STOCKTON, San Joaquin Co., Cal.—Board of Education, Ansel S. Williams, Sec'y., will take bids in about ten days for painting, blackboards and interior finish work at the Luther Burbank School.

INGLEWOOD, Los Angeles Co., Cal.—Until 8 P. M., Aug. 22nd, bids will be received by the Board of Trustees of Inglewood Union High School District for erecting a two-story and basement brick Fine Arts building on Inglewood Union High School campus in accordance with plans and specifications by Architect G. A. Howard Jr., 820 Story Bldg. Separate bids will be taken for general contract, plumbing, painting, electric wiring, hardware, program clocks, intercommunicating telephones, roofing, plastering, blackboards, heating and ventilating, etc. Certified check or bid bond for 10%. Deposit of \$10 for plans, to be refunded. B. K. Richardson, acting clerk.

SACRAMENTO, Cal.—H. A. Hendron, 3125 Donner St., Sacramento, submitted low bid to Sierra School District to erect addition to present school. Bid was \$10,132 with \$890 allowed for deductions. Luppen and Hawley, Sacramento, at \$849 low on plumbing; Electric Supply Co., 814 J St., Sacramento, at \$275 low for electrical work. Contracts will be awarded as soon as bonds of the district are sold to finance the work. Wollett and Lamb, architects, Mull Bldg., Sacramento. Following is complete list of bids received:

General Contract

H. A. Hendron, Sacramento.....	\$10,132
Deduct \$890	
Hendron & Finnigan, Sacto.....	11,652
Deduct \$635	
Geo. D. Hudnutt, Sacramento... ..	10,480
Deduct \$150	
F. H. Betz, Sacramento	9,866
Deduct \$482	
Holdener Constr. Co., Sacto.....	12,777
Deduct \$500	
Wm. Murcell, Sacramento.....	11,872
Deduct \$555	

Plumbing

Scott Plumbing Co., Sacto.....	\$1114
Hateley & Hateley, Sacramento... ..	886
Luppen & Hawley, Sacramento... ..	849
Lat. Fical Co., Sacramento.....	1040

Electrical Work

Lat. Fical Co., Sacramento.....	\$300
C. B. Spelbring, Sacramento.....	325
Elec. Supply Co., Sacramento.....	275

LOS ANGELES Co., Cal.—Architect A. S. Nibecker Jr., 625 Washington Bldg., has completed plans for a 4-room side addition to the grammar school to be erected at the Pico grammar school site for the Pico school district. There will be two 2-room additions, one on each end of the present building. One-story, tile roofing, gas heating, blackboards, maple floors. Cost \$40,000. Bids will be taken as soon as bond issue is sold.

EARLIMART, Tulare Co., Cal.—Graham & Son, Dinuba, Calif., at \$10,935 awarded contract to erect brick and stucco addition to Earlilmart school. E. A. Newman Co., Fresno at \$2382 awarded heating contract. E. J. Kump Co., architects, Fresno. Addition will consist of 2-classrooms, wash rooms and arcade.

SPARKS, Nevada.—Jos. Dillard submits low bid to Sparks Junior High School District to erect new junior high school, bids being submitted on four specifications, \$76,233; \$71,336, \$30,338; \$81,554. E. K. Fowler, Reno, only other bidder at \$78,652; \$80,081; \$81,213; \$82,539. Taken under advisement. F. J. LeLongchamps, architect, Gazette Bldg., Reno. Bids previously received for this structure were rejected.

BEND, Ore.—E. P. Brosterhous, Bend at \$157,620 awarded contract by Bend High School District to erect new high school; brick construction. Lee Thomas and Hugh Thompson, architects.

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LONG BEACH, L. A. Co., Cal.—Until 8 p. m., Aug. 25th, bids will be received by A. C. Price, secy. board of education rm. 436 Marshall Bldg., Long Beach, for erecting the new Alexander Hamilton \$469,000 group of junior high school bldgs. at State and Gundry Sts. and Alamitos Ave., Long Beach. Davies & Baume, 1010 Farmer & Merchants Bank Bldg., Long Beach, and Richard M. Bates, Brack Shops Bldg., L. A., assoc. archts. There will be a 30-classroom academic bldg., 300-seat auditorium with stage, administration bldg. with offices and teachers rooms, gymnasium to accommodate 150 manual training, cafeteria and domestic science bldg., two-story contract. All connected by arcades. Overall foundation dimensions approx. 350x350 ft., brick walls, face brick and art stone exter., brick corridor walls, conc. understructure and stairs, tile fls., hardwd. classroom fls., cfm. fl. in auditorium, steel showers and toilets, 2500 steel lockers, steam heating.

PARLIER, Fresno Co., Cal.—Until Aug. 20, bids will be rec. by Rosedale School District, P. T. Wash, Clerk, Route A, Box 85, Pat. Co., to erect 1-classroom school. Plans obtainable from clerk.

BANKS, STORES & OFFICES

Plans Revised—Segregated Bids To Be Taken Next Week. Cost, \$180,000 OAKLAND, 13th and Franklin Sts. Five-story class C office building. Owner—Karl Kaentisch. Architect—H. H. Winner 55 New Montgomery St., San Francisco.

Sub Contract Awarded. Cost, \$49,401 OFFICE BLDG. SAN FRANCISCO, E Market and Beale. Steel windows for general office building.

Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco. Contractor—United States Metal Products Co., 330 10th St., S. F.

Sub Contract Awarded. Cost, \$32,500 ORNAMENTAL IRON SAN FRANCISCO, NE Post & Mason. Ornamental iron and bronze work for building.

Owner—Medical Dental Building Corp., 301 First National Bank Bldg., San Francisco. Architect—Geo. W. Keihm & W. G. Merchant, Sharon Bldg., S. F.

Contractor—Sartorius Inc., Inc., 15th & Utah Sts., San Francisco. Sub Contract Awarded. Cost, \$41,385 CLUB BLDG. OAKLAND, Alameda Co., Cal., E Webster St. N 15th.

Two-story concrete store and club building. Owner—Business & Professional Holding Corporation.

Architect—Miller & Warnecke, 414 13th St., Oakland. Contractor—Barr & Son, 357 12th., Oakland.

Heating awarded to F. E. Newberry Electric Co., 1160 Bryant St., San Francisco.

Sub-Contract Awarded—Plans Being Completed. Cost, \$— BUILDING SAN FRANCISCO, Ninth Avenue and Geary Street.

Three-story and basement steel and reinforced concrete building. Owner—Pacific Tel. & T. Co., 333 Grant Ave., San Francisco.

Architect—Bliss & Faville, Balboa Bldg., San Francisco.

Structural steel—Ralston Iron Works, 20th and Indiana Sts., S. F.

Contract Awarded. BANK & STORE Cost, \$20,010 BERKELEY, W San Pablo 125 S University Ave.

One-story and mezzanine class C reinforced concrete and brick bank & store bldg.

Owner—G. L. Mattern, 100 Tunnel Rd., Berkeley.

Architect—Louis M. Upton, 454 Montgomery St., San Francisco.

Contractor—Walter Sorensen, 3221 Ellis St., Berkeley.



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Sub Contract Awarded.
TELEPHONE BLDG. Cost, \$218,840
 BERKELEY, S. Bancroft Way, between Shattuck Ave. and Fulton St.
 Four-story class A reinforced concrete telephone building (all work except steel frame and cast iron bases).
 Owner—Pac. Tel. & Tel. Co.
 Architect—E. V. Cobby, Shreve Bldg., San Francisco.
 Contractor—Monson Bros., 251 Kearny St., San Francisco.

Grading awarded to Arris-Knapp Co., Oakland.
 Other portions of work will be out for figures next week.

Contract Awarded.
STORE BLDG. Cost, \$50,988
 SACRAMENTO, Cal., 12th and K Sts.
 One-story and basement brick and terra cotta store building.
 Owner—Allison Ware Co., Chico.
 Architect—Dean & Dean, City Library Sacramento.
 Contractor—H. O. Holt, Sacramento.

Figures to be Taken Shortly.
BANK & OFFICE Cost, \$100,000
 LONG BEACH, Los Angeles Co., Cal.
 Reinforced concrete bank and office building (height not decided).
 Owner—Bank of Italy, Long Beach.
 Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Plans To be Prepared—Contract Awarded on Percentage Basis.
ADDITION Cost, \$60,000
 SAN FRANCISCO, Sansome and California.
 Additional story to reinforced concrete office building.
 Owner—Firemans Fund Ins. Co., Sansome and California Sts., S. F.
 Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
 Contractor—McDonald & Kahn, 130 Montgomery St., San Francisco.

Plans Being Completed—Figures to be Taken Shortly.
BAKERY & OFFICE Cost, \$110,000
 SACRAMENTO, Cal., Fifteenth and R Streets.
 Two-story reinforced concrete bakery and office building.
 Owner—Perfection Bread Co.
 Architect—Leonard F. Starks, Ochsner Bldg., Sacramento.

Plans Being Figured.
LOFT BLDG. Cost, \$40,000
 SAN FRANCISCO.
 Two-story and basement and mezzanine reinforced concrete loft bldg.
 Owner—Withheld.
 Architect—Maxwell Bugbee, 619 Washington St., San Francisco.

Sub-Contracts Awarded.
STORES & OFFICES Cost, \$58,493
 PALO ALTO, Santa Clara Co., Cal.
 Two-story reinforced concrete store and office building (9 offices on 2nd floor).
 Owner—Fraser Drygoods Co., Palo Alto.
 Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
 Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Grading—Carlin & Farrar.
Miscellaneous Iron—Schroeder Iron Works.
Steel—W. S. Wettenhall.

Painting Contract Awarded.
STORE & OFFICE Cost, \$300,000
 SAN FRANCISCO, N. Market between Kearny and Montgomery Sts.
 Four-story class A store and office building with terra cotta exterior.
 Owner—Crocker Estate Co., Crocker Bldg., San Francisco.
 Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
 Engineer—T. Rosenberg, Crocker Bldg., San Francisco.
 Contractor—Dinwiddie Construction Co., Crocker Bldg., S. F.
Painting to J. H. Keefe & Co., 442 Bush St., San Francisco.
 As previously reported, heating was awarded to J. E. O'Mara, 218 Clara St., S. F.; elevators to Otis Elevator Co., Stockton and Northpoint Sts., S. F.; electrical work to Globe Electric Co., 1595 Mission St., S. F.; and plumbing to W. A. Picard.

Contract Awarded.
BUILDING Cost, \$21,585
 SAN FRANCISCO, N. Fell 100 W. Polk.
 All work except plumbing, electric wiring and heating for 2-story reinforced concrete building.
 Owner—Jas. M. Arburua and John McInnes, 1190 Market St., S. F.
 Architect—Creston H. Jensen, 74 New Montgomery St., S. F.
 Architect—Everett H. Jensen, 74 New Montgomery, S. F.
 Contractor—Monson Bros., 251 Kearny St., San Francisco.

Plans To be Prepared.
ADDITION Cost, \$30,000
 SAN FRANCISCO, E. side of Montgomery St. at California.
 Two-story reinforced concrete & brick addition to Kohl Bldg.
 Owner—Marion L. Lord.
 Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Contract Awarded.
STORES & OFFICES Cost, \$19,100
 OAKLAND, Alameda Co., Cal., E. Foot-hill Blvd. near Seminary Ave.
 Two-story frame store and office building.
 Owner—Clifford R. Wagenet, 359 12th Oakland.
 Designer—Hyde, 372 Hanover Ave., Oakland.
 Contractor—C. G. Hildebrand, 1700 Fremont Way, Oakland.

Contract Awarded.
STORE BLDG. Cost, \$71,000
 SAN JOSE, Santa Clara Co., Cal. Santa Clara and Market Sts.
 Extension of basement and new steel and concrete foundation for store bldg.
 Owner—L. Hart & Son, Inc., Premises.
 Architect—E. J. Joseph, 522-24 Call Bldg., San Jose.
 Contractor—H. C. Jorgensen, Smout Bldg., San Jose.

Sub-Contracts Awarded.
ADDITION Cost, \$750,000 approx.
 SAN FRANCISCO, N. Bush St. between Grant Ave. and Kearny St.
 Twelve-story Class A addition to Central Exchange and office building.
 Owner—Pacific Telephone & Telegraph Company.
 Architect—Bliss & Paville, Balboa Bldg., San Francisco.
 Contractor—Dinwiddie Construction Co., Chronicle Bldg., San Francisco.
Metal Trim—Dahlstrom Metallic Door Co., Hearst Bldg., San Francisco.
Campbell Metal Window Trim—Forderer Corncove Works, 263 Potrero Ave., San Francisco.
Reinforcing Steel—Edw. L. Soule Co., Rialto Bldg., San Francisco.
Plastering—Jas. Greenback, 185 Stevenson St., San Francisco.
 As previously reported:
Grading—Sibley Grading & Teaming Co., 156 Landers St., S. F.
Steel—Dyer Bros., 1950 17th St., San Francisco, at \$205,000.

Contract Awarded.
BANK & STORE Cost, \$10,069
 BERKELEY, 208-10-12 San Pablo Ave.
 Frame bank and store building.
 Owner—G. A. Mattern, 100 Oak Ridge Rd., Berkeley.
 Contractor—Walter Sorensen, 2940 Piedmont Ave., Berkeley.

Sub Contracts Awarded.
ADDITION \$—
 OAKLAND, East 14th St.
 Eight-story reinforced concrete addition to building.
 Owner—Montgomery Ward Co., East 14th St., Oakland.
 Architect—Engineering Department.
Ornamental Iron awarded to C. Fraunder, 335 8th St., Oakland.
Steel to Herrick Iron Wks, 18th and Campbell Sts., Oakland.
Steel sash and glazing to Detroit Steel products.
Plumbing and heating to H. Kelly and Company.
Wiring to Advance Electric Co., 419 19th St., Oakland.

Plans Being Prepared.
REMODEL Cost, \$17,000
 SAN FRANCISCO, Northeast corner of Sutter and Polk Streets.
 Remodeling of store building into restaurant.
 Owner—Nathan Lester.
 Lessee—Mayes & Lester, House 1179 Sutter St., San Francisco.

Sub Figures Being Taken.
OFFICE & STORE Cost, \$150,000
 OAKLAND, N. Cor. Hobart and Webster Streets.
 Three-story class C office and store building.
 Owner—Builders Exchange Holding Corporation, 351 12th St., Oakland.
 Architect—Howard Schroeder, 357 12th St., Oakland.
 Mgr. of Construction—J. S. Magnanini, 606 36th St., Oakland.
 E. M. Tilden is president of Builders Exchange, and W. Shaw, secretary.
 As previously reported, structural steel was awarded to Herrick Iron Works, 18th & Campbell Sts., Oakland; concrete to F. E. Nelson, 351 12th St., Oakland; excavating to J. Catucci, 351 12th St., Oakland.
 Figures are being taken on electrical work, heating, ventilating, plumbing and steel sash. Bids will be opened at the next meeting of the board, Monday, the 11th.

Plans To be Prepared.
BANK BLDG. Cost, \$90,000
 SAN FRANCISCO, SE Cor. 23rd & Mission Street.
 One-story reinforced concrete bank bldg.
 Owner—Liberty Bank, 948 Market St., San Francisco.
 Architect—H. A. Minton, Monadnock Bldg., San Francisco.

Sub Contract Awarded.
TELEPHONE BLDG. Cost, \$218,840
 BERKELEY, S. Bancroft Way between Shattuck Ave. and Fulton St.
 Four-story class A reinforced concrete telephone building (all work except steel frame and cast iron bases).
 Owner—Pac. Tel. & Tel. Co.
 Architect—E. V. Cobby, Shreve Bldg., San Francisco.
 Contractor—Monson Bros., 251 Kearny St., San Francisco.
Reinforcing steel awarded to Badt Falk Co., 351 12th St., Oakland.
 As previously reported, grading was awarded to Arris-Knapp Co., Oakland. Other portions of work will be out for figures in a few days.

Plans Being Prepared.
REMODEL Cost, \$25,000
 SAN FRANCISCO, Northeast corner of Sutter and Polk Streets.
 Remodeling of one-story reinforced concrete store building into market.
 Owner—Nathan Lester.
 Mgr. of Constr.—C. S. Parker 251 Kearny St., San Francisco.
 Lessee—M. M. Marshall and J. H. McSherry, 524 W. Casey St., S. F.
 Marshall & McSherry have taken a 25 year lease on property.

Contract Awarded.
ALTERATIONS Cost, \$15,000
 SAN FRANCISCO, Fillmore and Sacramento Sts.
 Alteration to store building.
 Owner—Withheld.
 Architect—C. O. Clausen, ESB Bldg., San Francisco.
 Contractor—O. E. Carlson, 180 Jessie St., San Francisco.

Plans Being Prepared.
BUILDING Cost, \$—
 REDWOOD CITY, San Mateo Co., Cal.
 fronting on Main, Heller and Maple Streets.
 One-story fireproof or frame auto sales, machine shop, stores, and offices (site 10x26x36).
 Owner—Dessin Bros., Main and Donnelly Sts., Burlingame.
 Architect—Edwards & Kuhn, Burlingame.

LOS ANGELES, Cal.—Macdonald & Kahn, 1200 Spring Arcade Bldg., have the contract to erect a one-story and basement store building at 518-524 S. Main St., for E. W. Woolworth Co. Dimensions—60x135 ft., brick walls, pressed brick facing, plate galls, steel beams, composition roofing, metal skylights, wood and cement floors. Cost, \$40,000.

DAVIS, Yolo Co., Cal.—Geo. Tinius and Jas. D. Belenis, owners of Terminal Cafe, will erect \$20,000 grill and store building at G and 2nd streets. Will be brick construction.

LOS ANGELES, Cal.—Architects John Harkness and Donald B. Parkman, 420 Third Insurance Bldg., are preparing plans for a Class A telephone building to be erected on Vermont Ave. between Stuart Blvd. and Santa Monica Blvd. for the So. California Telephone Co. Three-story and basement, 73x10 ft., designed for five stories, steel frame construction, brick filler walls, painted and concrete floors, pressed brick and terra cotta facing, steel sash, elevator, steam heating.

LOS ANGELES, Cal.—D. C. Messinger, 1210 Tat Bldg., has prepared plans and will erect a three-story at McClure and Auden Bldg. for Geo. H. Mann, 6912 Hollywood Blvd. Dimensions, 95x103 ft., brick walls, pressed brick facing, flat glass, steel beams, composition roofing, metal skylights, pine interior wood and cement floors. Cost, \$30,000.

LOS ANGELES, Cal.—Winter Constr. Co., L. A. Railway Bldg., has the general contract to erect a Class C store and office building on 7th St. near Parkview for Theodore Kestoff. Brick walls, 50x115 ft., composition roofing, 4-story art stone and plaster exterior, plate glass, cement and hardwood floors, metal skylights, gas radiators, electric elevator, tiled toilets. Cost, \$30,000.

SO. PASADENA, L. A. Co., Cal.—A. C. Ong, South Pasadena, is reported having plans prepared for an \$8,000 store, office and garage bldg. to be erected at n.e. Fair Oaks Ave. and El Centro St., So. Pasadena. Garage, 50 by 150 ft., two stores, 100 ft. deep.

SACRAMENTO, Cal.—Pacific Telephone & Telegraph Co., 333 Grant Ave., San Francisco, has purchased site 80 by 100 feet in K & J st., bet. 14th and 15th Sts., and plans early construction of four or five-story fireproof exchange building.

GLENDALE, L. A. Co., Cal.—May & Hellman, 109 N. Maryland Ave., Glendale, have been awarded contract to erect a 2-story class C furniture store bldg. at 316 E. Bldg. for Dilley-Through Co. Plans by Robt. M. Farrington, 7563 Sunset Blvd., L. A. Dimen, 50x110 ft., concrete blk. walls, terra cotta facing, comp. rk., struc. steel, mezzanine floor, plate glass and copper store fronts, terrazzo entrance fl., plunger type elevator. Cost, \$39,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 701 Great Republic Life Bldg., have completed plans for a 13-story and basement class A store and office bldg. to be erected at s.w. cor. of 6th St. and Grand Ave. for Godfrey Edwards and assoc. The bldg. will be built by Edwards, Wilsey & Dixon 515 Black Bldg., who have made application for a building permit. Dimensions 95x110 ft., stores on ground floor, 22 offices on each of upper stories, reinf. conc. frame fls. and rf., brick filler walls, terra cotta facing, plate glass, marble and tile work, hdw. trim, three elevators, steam htg., vacuum cleaning.

THEATRES

Figures to be Taken This Week.
THEATRE BLDG. Cost, \$90,000
SAN FRANCISCO. Mission St., bet. 26th and 27th Sts. (Axtel Theatre). One-story reinforced concrete Class A motion picture theatre building (1000 seats).
Owner—F. J. Young Improvement Co.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

It is planned to erect store buildings adjoining the theatre covering 350 ft. frontage. Theatre will have seating capacity of about 850.

LOS ANGELES, Cal.—The West Coast Theaters Co., Knickerbocker Bldg., L. A., has obtained a 99-year lease on a 100x178 ft. site at a side Ocean Blvd. and American Ave., adjoining the site for its theater now under construction. The lease requires the erection of a 2-story bldg. within ten months.

Plans Being Prepared.
BUILDING Cost, \$16,000
BURLINGAME, San Mateo Co., Broadway and Capuchino Ave.
One-story brick building.
Owner—Daniels Bros.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

WHARVES & DOCKS

BERKELEY, Alameda Co., Cal.—Mervy-Elwell Co., Ft. of 11th Ave., Oakland, at \$1440 awarded contract by city council to repair municipal wharf.

LOS ANGELES, Cal.—S. M. Kerns, 1034 Vina St., Long Beach, submitted low bid to harbor comm. at \$183,330 to construct wharf extension to the westerly side of M. P. No. 1, under spec. 637. This wharf will be 2400 ft. long, 22 ft. wide, and will involve removing certain piling and retaining, driving new piles, with conc. decking on extension. Engr's est., \$199,000. Other bids were: Ross Constr. Co., \$191,800; Clinton Constr. Co., \$204,000; San-Pacific Constr. Co., \$209,540; Murdoch & Condee, \$217,000; San Francisco Bridge Co., \$218,000; Anton Johnson Co., \$236,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
UNDERTAKING PARLORS Cost, \$2,000
SAN FRANCISCO. SE Market St. and Two-story frame undertaking parlors. Owner—Gantner Bros., 424 Guerrero St., San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—A. D. Collman Co., 180 Jessie St., San Francisco.

Plans Being Revised.
BOAT HOUSES \$8000 to \$10,000
OAKLAND, Alameda Co., Cal. Estuary west of Webster St. bridge.
One-story frame boat house, 50x75 (Lockers, showers, etc.)
Owner—University of California.
Designer—H. E. Goodpastor, U. of C., Berkeley.

Plans will go out for figures next week and may be obtained from L. A. Nichols, manager of associated students, University of California, Berkeley.

Plans Being Figured.
RE-STATION Cost, \$—
SAN MATEO, San Mateo Co., Cal.
One-story reinforced concrete railroad station, Mission type of architecture, tile roof, stucco exterior.
Owner—Southern Pacific R. R. Co., 65 Market St., San Francisco.
Architect—Engineer Department of S. P. Co., 65 Market St., S. F.
Main station building will be 36x25 ft. Other structures will be baggage quarters, etc. An office and freight warehouse will also be erected in connection with the project for the American Railway Express Co.

Figures to be Taken This Week.
BOAT HOUSE \$8,000 to \$10,000
OAKLAND, Alameda Co., Cal. Estuary west of Webster St. bridge.
One-story frame boat house, 50x75 (Lockers, showers, etc.)
Owner—University of California.
Designer—H. E. Goodpastor, U. of C., Berkeley.

Plans obtainable from L. A. Nichols, Manager of Associated Students, University of California, Berkeley.
Plans Complete. Cost, \$20,000
MORTUARY
SAN FRANCISCO, Mission District.
One-story addition to frame mortuary.
Owner—Witheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

To Be Done By Day's Work.
MORTUARY Cost, \$30,000
SAN FRANCISCO, Richmond District.
Two-story frame mortuary.
Owner—Witheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
POOL Cost, \$51,500
SAN FRANCISCO, S. Sloat Blvd. W. Great Highway.
One-story concrete memorial building and children's wading pool.
Owner—Heibert & Mortimer Fleishacker, 2418 Pacific Ave., S. F.
Architect—Geo. W. Kelham, Sharon City, San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco.

LOS ANGELES, Cal.—Len Davis, care of office at Grand View Cemetery, has made application for a permit to erect a reinf. conc. and steel mausoleum at Grand View Cemetery. Mr. Davis has not yet decided whether he will let a contract for erecting the bldg. or do the work himself. It will contain a chapel accommodating 200, crematory, 5700 crypts and 2000 receptacles for ashes. Dimen, 106x90 ft., stucco ext., steel and wire glass rf., marble and bronze inter., cathedral glass, terrazzo fls. Est. cost \$400,000.

LONG BEACH, L. A. Co., Cal.—Following were the bids received by City Manager Windham, Long Beach, for constructing therein, conc. municipal garbage incinerator, plant, sec. 15th St. and the flood control channel, Long Beach: Hogberg Constr. Co., 150-ton plant, \$85,000; 200-ton plant, \$110,000, both exclusive of bldg. ad founds.; Pittsburgh-Des Moines Steel Co., 3 units U. S. standard type, 50 tons in 24 hrs. ea., \$59,000; Hiler Engr. & Constr. Co., 150-ton plant, \$120,000; 200-ton plant, \$150,000; J. S. Horn, Incinerator erected by the city, \$45,000 per unit; Superior Incinerator Co., 150-ton, 24 hrs., \$88,000; 150-ton, 16 hrs., \$114,000; 150-ton, 12 hrs., \$130,000; J. D. Sherer & Son, 150-ton plant, \$57,845; 200-ton plant, \$81,392; 1 chimney and bldg. with ramp, \$79,300. F. L. Dedarie, bid (1) \$150, \$460; bid (2) \$125,000; bid (3) \$100,255; bid (4) \$90,450; bid (5) \$60,000. C. O. Bartlett, San Francisco, proposal (a) \$118,200; (b) \$153,600; (c) \$79,650; (d) \$89,550; (e) \$149,882.

SACRAMENTO, Cal.—Next Legislature will be asked to provide funds to finance erection of industrial building at State Fair grounds.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 18, bids will be received by city trustees for roofing tity reservoir site cost \$1175. E. H. Green is city engineer.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

459—Havana, Cuba. An American concern with excellent references seeks the exclusive representation in Havana from San Francisco manufacturers of high grade furniture, rugs, tapestry, terra cotta. Correspondence is requested.

4461—United Kingdom. Producers of radio telephone receivers, head pieces and loud speakers are entering the San Francisco market and desire to correspond with a local firm who might act as exclusive representatives.

4466—United Kingdom. A firm of British engineers, designers and contractors for all systems of Aerial ropeways, cableways and ropeways desires to appoint a representative for the San Francisco and California territory.

4469—San Francisco, Calif. Gentleman with over ten years' business experience in Mexico, having a thorough knowledge of bookkeeping, desires to associate himself with a San Francisco firm dealing with Latin America.

4471—San Francisco, Calif. Gentleman with sales and executive experience in Europe, speaking and writing French, German and English, having a thorough knowledge of building materials trade, seeks an opening in San Francisco.

Official Proposals

NOTICE TO CONTRACTORS

(Steel Pipe Line For Joint Tubercular Hospital, Springville, Calif.)

Office of the Clerk of the Board of Supervisors of the County of Tulare, State of California, Visalia, July 29, 1924.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Tulare, State of California, up to the hour of 2 P. M., of the 14th day of August for the construction of:

Steel pipe line for water supply to Joint Tubercular Hospital near Springville, California.

LOCATION: Diverting water from the Power Plant of the Edison Power Company on Tule River, to the T. B. Hospital near Springville.

The Engineer's Estimate of approximate quantities shows:

Proposition "A"

Item 1—6 inch Standard Galvanized pipe, 9,118.9 feet.

Item 2—Misc. fittings (angles, tees, crosses, valves).

Item 3—Trenching and backfilling, 4,802.9 feet.

Item 4—Installing Item 1 (9,118.9 ft.).

Installing Item 2 (misc. fittings).

Item 5—Concrete (Class "A") 16.00 cubic yards.

Item 6—Concrete (Boulder) 37.00 cu. yards.

Item 7—Steel girder and box covering 200 lin. feet.

An alternate on same quantities of 7 inch pipe and fittings.

Proposition "B"

Item 1—6 inch Standard Black dipped pipe, 9,118.9 feet.

Item 2 to 7 inclusive, same as Proposition "A."

An alternate on same quantities of 7 inch pipe and fittings.

Proposition "C"

Item 1—6 inch Matheson joint (or equal) pipe, Galvanized dipped, or O. D. casing, double dipped, plain ends welded or screw ends.

NOTE—Alternate bids will be received for the faithful performance of the contract in such sum as shall be fixed by the Board of Supervisors after the bids are opened, said sum to be not less than one-fourth nor more than one-half of the estimated amount of the contract, and a further sum equal to one-half of the estimated amount of the contract, must be furnished as required by the terms of an Act of the Legislature of the State of California, entitled "An Act to secure the payment of claims of persons employed by contractors upon public works, and the claims of persons who furnish materials, supplies, teams, implements or machinery used or consumed by such contractor in the performance of such works, and prescribing the duties of certain public officers with respect thereto," approved March 10, 1919, (Stats. 1919 p. 487 and Acts amendatory thereto).

Item 2—Misc. fittings (angles, tees, crosses, valves, etc.).

Item 3 to 7 inclusive, same as proposition "A."

An alternate on same quantities of 7 inch pipe and fittings.

Proposition "D"

Item 1—6 inch double riveted pipe, dipped and wrapped 9,118.9 feet.

Item 2—Misc. fittings (angles, tees, crosses, valves, etc.).

Item 3 to 7 inclusive, same as Proposition "A."

An alternate on same quantities of 7 inch pipe and fittings.

Each bid must be accompanied by a certified or cashier's check in the sum of not less than five per cent of the amount bid as evidence of good faith on the part of the bidder.

A surety company bond will be required for the faithful performance of the contract in such sum as shall be fixed by the Board of Supervisors after the bids are opened, said sum to be not less than one-fourth nor more than one-half of the estimated amount of the contract, and a further sum equal to one-half of the estimated amount of the contract, must be furnished as required by the terms of an Act of the Legislature of the State of California, entitled "An Act to secure the payment of claims of persons employed by contractors upon public works, and the claims of persons who furnish materials, supplies, teams, implements or machinery used or consumed by such contractor in the performance of such works, and prescribing the duties of certain public officers with respect thereto," approved March 10, 1919, (Stats. 1919 p. 487 and Acts amendatory thereto).

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

The Board of Supervisors of the County of Tulare and Kings reserve the right to reject any and all proposals or to accept the proposal considered by them best for the said Counties of Tulare and Kings.

By order of the Board of Supervisors.

(Seal) GLADYS STEWART, County Clerk and ex-Officio Clerk of the Board of Supervisors of the County of Tulare.

By A. W. FROST, Deputy.

PROPOSAL

(M. H. de Young Memorial Museum)

SEALED PROPOSALS will be received at the office of the Park Commissioners, Park Lodge, Golden Gate Park, San Francisco, California, not later than twelve o'clock noon, Thursday, August 7, 1924:

For the General Construction of a Boiler House to house the heating equipment in the M. H. de Young Memorial Museum, said Boiler House to be erected in the rear of the M. H. de Young Memorial Museum in Golden Gate Park, the exact location to be determined by the Board of Park Commissioners.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications thereon on file in the office of Weeks & Day, 315 Montgomery St., and must be commenced within five (5) calendar days and completed within sixty (60) calendar days after the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract will be not less than twenty (20%) per cent of the aggregate of the proposal.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Board of Park Commissioners, for an amount not less than ten (10%) per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of Weeks & Day, 315 Montgomery Street, and all proposals

must be made upon such forms in sealed envelopes marked Bid For Boiler House.

The Board of Park Commissioners reserves the right to reject any of all bids.

By order of the Board of Park Commissioners. B. P. LAMB, Secretary.

NOTICE TO BIDDERS

(Santa Rosa High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa High School District of Sonoma County in the State of California, in the present High School Annex Building in Santa Rosa, at 8:00 P. M., August 25th, for the Manual Training equipment listed below as follows:

One (1) Tannewitz Type B Universal Saw Bench, complete in every way with 5 H. P. motor mounted on a bracket attached to the frame, belt and starter, or its equivalent.

One (1) Hall & Brown No. 186—36-inch band saw complete in every way with 3 H. P. motor mounted on bracket attached to frame, wire mesh guards, frictionless roller guides above and below the table, 2½-inch band saws, belt and starter, or its equivalent.

One (1) Oliver No. 166—16-inch jointer complete in every way with 3 H. P. motor connected direct to cylinder, ball bearings, guards, safety cylinder, rabbeting attachment, and starter switch, or its equivalent.

One (1) American No. 15 Hand Block Belt Sander complete with 2 H. P. motor, direct connected, table and sanding pad and starter switch, or its equivalent.

One (1) Greenlee No. 225 B. M. Vertical Hollow Chisel Mortiser, complete in every way, built-in motor 1½ H. P. motor, starter switch and four square hollow chisels and bits, ¼ inch, ½ inch, ¾ inch, 1 inch or its equivalent.

One (1) No. 585 Oliver Oilstone Grinder, complete, with direct motor drive, or its equivalent.

One (1) Oliver Woodturning Lathe, with motor, 12-inch swing, 36-inch between centers, rear end face plate and floor stand and starter, motors to be A. C. 3 phase, 60 cycles, 220 volts, or its equivalent.

One (1) Arbor Universal Saw Bench complete in every way, with 5 H. P. motor, mounted on bracket attached to frame, all guards, gauges, saws, and starter. Motors to be A. C. 3 phase, 60 cycles, 220 volts, or its equivalent.

Each bid must be accompanied by a certified check on some responsible California bank in a sum of not less than five per cent of the amount of bid, made payable to Sarah N. Hatch, Secretary of the Board of Education of the City of Santa Rosa High School District. The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Secretary of the Board of Education at her office in the High School Annex, Santa Rosa, at the time and place of meeting above stated; or at any time up to the hour of opening said bids.

(Signed) SARAH N. HATCH, Secretary of Board of Education, City of Santa Rosa High School District.

NOTICE TO BIDDERS

(City of Berkeley—Road Roller)

The Council of the City of Berkeley invites, and the undersigned will receive at her office in the City Hall, Berkeley, California, up to the hour of 9:00 a. m., Tuesday, August 5, 1924, and will open at or after that hour, sealed proposals for the sale to the city of the following road equipment to be in

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

accordance with specifications on file in the office of the City Clerk:

1. One gasoline driven road roller. (Bid to include allowance on an Austin single-cylinder 12-ton road roller, belonging to the City of Berkeley, which may be seen at the municipal corporation yard).

2. One portable asphalt heater. Bids on the above must be accompanied by complete mechanical specifications and filed in separate envelopes. A certified check in an amount equal to 10% must be enclosed with each bid.

E. M. HANN,
City Clerk.

NOTICE TO CONTRACTORS

(Civic Auditorium—Hanford, Calif.)

Pursuant to an order of the Board of Trustees of the City of Hanford, given the undersigned at a Regular Meeting of said Board on July 28th, 1921, Notice is hereby given that said Board will receive sealed proposals or bids for the following branches of work on a Civic Auditorium Building to be erected on a plot of land situated in the City of Hanford.

- GROUP 1—Carpentry, Steel, Concrete, etc.
- GROUP 2—Brickwork.
- GROUP 3—Mill Work and Glazing.
- GROUP 4—Plastering, Lathing and Modeling.
- GROUP 5—Painting.
- GROUP 6—Roofing.
- GROUP 7—Plumbing and Heating.
- GROUP 8—Electrical Work.
- GROUP 9—Finished Hardware.

Bidders may figure any one or group of segregations noted above.

Plans and Specifications are on file with the City Clerk, of the City of Hanford. Copies may be obtained at the office of Coates & Traver, Architects, 626 Rowell Bldg., Fresno, Calif.

All bids or proposals must be in the hands of the City Clerk on or before 2:00 o'clock P. M., Wednesday, August 27th, 1921, at which time they will be opened by the Board of Trustees. All bids or proposals must be sealed and the name of the bidder and the branch of the work bid upon must be clearly noted on the outside of the envelope.

All bids must be upon blanks prepared for same by the Architects. A certified check or bidder's Bond in an amount equal to 10% of the total amount of the bid submitted must accompany each proposal.

The Board reserves the right to accept or reject any or all bids received. Dated at Hanford, California, this 30th day of July, 1921.

(SEAL) D. C. WILLIAMS,
City Clerk.

NOTICE TO BIDDERS

(Consolidated Irrigation District)

Plans and specifications can be seen at office of the Consolidated Irrigation District, Selma, California, for the following items:

- (1) Flume over Kings River, near Kingsburg, consisting of:
- (a) Steel Truss; (b) Concrete Abutments and Piers; (c) Circular Flume.
- (2) Ditch Tender's Dwelling House at above flume.

(3) Eleven Reinforced Concrete Checks.

The Board of Directors will receive sealed proposals therefor at office of the Board in Selma, California.

The contracts will be let to the lowest responsible bidder. The bids will be opened at 2:00 P. M., Tuesday, August 26, 1921.

A certified check of 10% of the bid, or bids, must accompany proposal or proposals.

The Board reserves the right to reject any or all bids.

CONSOLIDATED IRRIGATION DIST.
By I. H. Teilmann, Chief Engineer.

NOTICE TO CONTRACTORS

(Grant School, San Jose, Calif.)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of San Jose, Santa Clara County, State of California, in the office of the Board of Education, High School Bldg., San Jose, Calif., up to 8:00 P. M., on the 4th day of September, 1921, for the following work in connection with the new Grant Street Junior High School Building, to be erected in the City of San Jose, California, according to the plans and specifications prepared for the same by W. H. Weeks, Architect, 369 Pine street, San Francisco, or at the office of Binder & Curtis, Associated Architects, San Jose, California, or at the office of the Secretary of the Board of Education, High School Building in the City of San Jose.

The general contract with the various alternate bids.

Blackboards.

Heating and ventilating.

All bids should be presented on bid forms furnished by the architects.

Each bid must be accompanied by a certified check on responsible California bank in a sum not less than five per cent (5%) of the amount bid, made payable to the President of the Board of Education of the City of San Jose, for the purpose stated in the specifications.

Each bid must be delivered in a sealed envelope and addressed to W. L. Bachrodt, Secretary of the Board of Education, and endorsed: "Proposal for the Grant Street Junior High School Building."

The Board reserves the right to reject any and all bids.

W. L. BACHRODT,
Secretary of the Board of Education, City of San Jose, California.

NOTICE TO CONTRACTORS

(Kern County General Hospital)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, up to 10 o'clock A. M., Monday, August 18, 1921, for furnishing all labor and materials for, and the erection and completion of the various items as listed below, to be installed in the Kern General Hospital Group, including the Old People's Home, being erected on Flower Street, East Bakersfield, California, in accordance with plans and revised specifications on file in the office of the Clerk of the Board and open for the inspection of bidders. Copies of said plans and revised specifications may be had at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision.

Bids will be received for the following items:

- 1. Kitchen equipment, complete, as per plans and revised specifications.
- 2. One hundred bedside cabinets.
- 3. One hundred hospital chairs.

Bids to be made out upon form furnished by the Architect for that purpose and each bid must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10%) of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the county and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted July 14, 1921.

F. E. SMITH,
County Clerk and Ex-Officio Clerk of the Board of Supervisors.

By M. G. DOWNEY,
Deputy Clerk.

POSITION WANTED

DRAFTSMAN, Map Estimating, Elevator Machinery and Marine experience wants temporary or permanent position. Address C. E. BURNLEY, 1518 Broadway, Alameda.

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BRIDGES

CRESCENT CITY, Del Norte Co., Cal.—Webber Construction Co. Crescent City, at \$4550 awarded cont. by city trustees to const. crossing over Elk creek, involv. const. of pile bulkhead and 2,000 yds. fill behind same.

WEAVERVILLE, Trinity Co., Cal.—Bids will be asked at once by supervisors to const. bridge over Reddings Creek on Douglas City-Hanford road. J. W. Phillips is county surveyor.

WEAVERVILLE, Trinity Co., Cal.—County Surveyor J. W. Phillips preparing spec. for steel bridge over Grass Valley Creek on road from state highway to Lewiston.

SANTA ROSA, Sonoma Co., Cal.—John Cogo, Napa, at \$6374 awarded contract by supervisors to const. rein. concrete bridge over Sonoma creek about $\frac{1}{2}$ mile south of Glen Ellen. Other bids: \$7240; Frodorp & Cleghorn, \$7434; Henry Thorsen, \$7800; Teventon and Heintze & Co., \$7800; D. E. Albers, \$7950.

LOS ANGELES, Cal.—Robt. Beyrle, 957 E. 23rd St., awarded cont. by Bd. Pub. Wks. at \$7419 to const. bridge across Santa Ynez Creek, on Malibu Rd near Marques Ave.

Murdock & Condee, 1855 W. 21st St., awarded cont. at \$5517 to const. timber trestle across the Los Angeles river at Ninth St.

SAN LUIS OBISPO, Cal.—McKay Engineering Co., L. A. Ry. Bldg., Los Angeles, awarded contr. by supervisors at \$129,471 to const. bridge across San Luis Rey river, 2 mi. below Bon-sall. The McKay Engr. Co. submitted the low bid several weeks ago but made a clerical error, being \$40,000 lower than the next bidder. The board of supervisors rejected all bids and re-advertised. This firm was also low on an alternate proposition, eliminating one span, at \$127,471. There were seven bids.

OAKLAND, Cal.—County Surveyor Geo. A. Posey completes spec. for two conc. bridges to be constructed on Crow Canyon Highway; est. cost \$15,000 each. It is expected bids will be asked at once.

LOS ANGELES, Cal.—State Railroad Comm. orders the city and county of Los Angeles to start work at once on Macy St. bridge. Plans for west approach have been adopted as commission will determine this from two plans submitted by time the city forces are ready to call for bids. Cost of const. as apportioned among the city, county and three railroad companies will also be determined by the commission.

STOCKTON, Cal.—San Joaquin Co., Cal.—City Eng. W. B. Hogan authorized by council to apply to War Department for permit to construct bridge over Mormon channel at Washington St., for which the city has voted bonds of \$140,000. Plans for the structure have been ordered prepared.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk to const. rein. conc. bridge on Martin Ave. over east fork of the Llagas creek in supervisor district No. 1; rein. culvert in supervisor district No. 5 and rein. conc. culvert on San Tomas Aquino road over San Tomas Aquino creek in supervisor dist. No. 5. Plans obtainable from County Surveyor Robt. Chandler.

LASSEN COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Aug. 25, to const. in Lassen county, 7 comb. wood and conc. trestles over Pit river and Pit river overflow channels, having a sum total length of 990 ft., together with a weir or ford 600 ft. in length. Project involves: (1) removing wooden bridge at Pit River; (2) 535 cu. yds. class A Port. cem. conc. in seven bridges; (3) 178 cu. yds. class A Port. cem. conc. in weir; (4) 405 hundredweight rein. steel in seven bridges and weir; (5) 1220 cu. yds. excavation for seven bridge structures and weir; (6) 163 M ft. bd measure selected common Douglas fir timber in seven bridges; (7) 141 M ft. bd. measure number one common Douglas fir timber in seven bridges; (8) 325 tons crushed gravel or stone surfacing; (9) 5900 cu. yds. roadway embankment without classification; (10) 44 cu. yds. type A wearing surface in 7 bridges; alternative items—(11) 44 cu. yds. type B wearing surface in seven bridges; (12) 44 cu. yds. type C wearing surface in seven bridges. Note—Alternative items 11 and 12 are to be in place as alternatives for item 10, and either may be employed in lieu thereof.

SAN JOSE, Santa Clara Co., Cal.—Supervisors order plans prepared for bridge near Frohm Station in Supervisor Dist. No. 4. Robt. Chandler, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Wm. Radtke, Gilroy, at \$4383 awarded cont. by supervisors to const. rein. conc. bridge at Gilroy-Watsonville road over Little Arthur creek. Surveyor est. \$5086. Other bids: Wm. Martin, \$4620; J. D. Carlson, \$5677; Herschbach and Sciarini, \$4641; John W. Williams, \$5809; E. A. Palmer & H. A. Gurrles, \$4695.

Wm. Martin, 456 Delmas St., San Jose at \$1724 awarded cont. to const. rein. conc. bridge on Maybury road in Supt. Dist. No. 3. Surveyor est. \$1770. Other bids: Wm. Radtke \$1751; John W. Williams, \$2235; J. D. Carlson, \$2193; Herschbach & Sciarini, \$1886.61.

GLENDALE, Cal.—City council will include in proposed \$1,705,973 bond issue \$12,750 for bridges over the Verdugo Wash.

OAKLAND, Cal.—Until Sept. 2, 10 a. m., bids will be rec. by Geo. E. Gross, county clerk to const. bridge No. B-139 on Crow Canyon road; to be slab girder, type, 74-ft. long, involv. 1400 cu. yds. excavation; 320 cu. yds. class A conc.; 58,000 lbs. rein. steel; 120 lin. ft. steel guard fencing; removal of existing bridge, est. cost \$15,000. Plans obtainable from Geo. A. Posey, county surveyor.

OAKLAND, Cal.—Until Sept. 2, 10 a. m., bids will be rec. by Geo. E. Gross county clerk, to const. bridge No. B-13-H on Crow Canyon Road, slab and girder type, involv. 760 cu. yds. structure excavation; 650 cu. yds. roadway excavation; 270 cu. yds. class A conc.; 47,200 lbs. rein. steel; 35 lin. ft. rubble wall; 100 lin. ft. steel guard fencing; removal of existing bridge. Est. cost \$13,000. Plans obtainable from Geo. A. Posey, county surveyor.

SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be rec. by H. W. Hall, county clerk, to const. wood trestle with macadam topping for vehicular traffic between Vineland and Rio Linda; est. cost \$1600. Plans obtainable from Chas. Detering, county surveyor.

SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to const. concrete bridge over Arcade river on Del Paso road, east of Diggs ranch; est. cost \$7500. Will replace present wood structure. Plans obtainable from Chas. Detering, county surveyor.

BAKERSFIELD, Kern Co., Cal.—County Surveyor J. R. Thornton completes spec. for conc. deck-girder bridge over Kern river on Bakersfield highway, just west of Bakersfield; will be 386 ft. long with 22-ft. roadway; 4-ft. walks.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MERIDIAN, Sutter Co., Cal.—Olympian Dredging Co., 249 1st St., San Francisco, were awarded the contract at \$53,830 by trustees of Reclamation District No. 70, to fur. one 350-h.p., 60-cycle, 440-volt, 3-phase pumping plant of Synchronous or induction type, direct or belt connected, and to dismantle existing pumping plant, removing 30-in. and 40-in. pump, constructing discharge conduit through levee, involv. 15,000 cu. yds. excavation. Fred H. Tibbets, consulting engineer, Alameda Commercial Bldg., San Francisco. Other bidders were: L. F. Youldall, \$71,744; Abeel & Co. (cash bid) \$50,500 and Ross Construction Co., \$57,484.

LONG BEACH, Cal.—United Dredging Co., Central Bldg., Los Angeles, awarded cont. by council at 99.5c cu. yd. to const. Eldorado embankment on Bay shore Walk and Ocean Blvd., along n.e. line of Alamitos Bay, tract.

CORONADO, Cal.—City trustees will call a bond election to vote on \$75,000 issue to const. harbor. The bond requirement will be \$150,000. It is expected that San Diego business men will subscribe the other half.

ALAMEDA, Alameda Co., Cal.—City council contemplates improvements for industrial sites along water front, involving construction of a 4-mi. rip-rap wall, a 100-ft. roadway on top of wall and dredging channel 500 ft. wide, 30 ft. deep, the dredged material to be used to fill lands for industrial sites. C. E. Hickok is city manager.

LOS ANGELES, Cal.—Breedlove Bros 189 Broadway, Walnut Park, and H. M. Henning, 5145 Eagleclade Ave., Eagle Rock, submitted identical low bids to const. storm drain channel 8 ft. wide and side slopes of 1 to 1 and $\frac{3}{4}$ to 1 from the s end of Chapman Ave. city of Los Angeles, etc., involv. the excav. and disposal of material estimated at about 4500 cu. yds. Other bids were: William Ward, 48c; R. E. Burgund, 74c; Thos. Havery Co., \$1.15; L. A. Excavating Co. \$1.24 yd.

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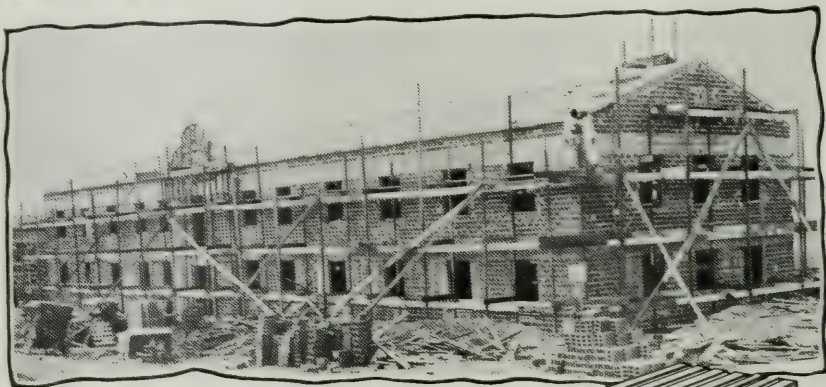
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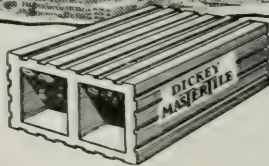
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ONE OF THE 22 BUILDINGS OF THE U. S. VETERANS' HOSPITAL AT LIVERMORE



Dickey Mastertile Walls for the Livermore Hospital



Once again the United States Government has chosen Dickey Mastertile for important hospital construction.

(1) The United States Base Hospital at Palo Alto was constructed of Dickey Mastertile.

(2) The United States Hospital for disabled war veterans at Livermore is now being constructed of Dickey Mastertile.

It has grown to be a well established practice of the Government to build hospitals, barracks and similar structures of hollow tile. This material has been proven by the Government, in its

widely scattered and varied construction, *to be economical and to permit speedy erection.* It gives at low cost the highest degree of protection against fire and decay. It minimizes upkeep cost. Its dead air spaces insulate the interior against the heat of summer, the cold of winter, moisture and sound, affording a dry, quiet, healthful and comfortable building.

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BUILDERS INSPECT U. S. HOSPITAL PROJECT

Architects, engineers, contractors and materialmen numbering in excess of 250 from Central and Northern California and particularly the San Francisco Bay district attended the inspection trip on July 31 of the U. S. Veterans' Hospital project now under construction near Livermore, Alameda County.

The tour of inspection was made under the guidance of Major W. H. Radcliff, construction superintendent on the project representing the Government. Sub-contractors on the work also organized a committee which afforded the visitors sufficient time to investigate each of the twenty-five buildings which comprise the project.

Immediately following the hospital inspection tour the visitors were taken by automobile to the plant of the California Brick Company, near Livermore, where an old fashioned barbecue was served through the courtesy of Mr. N. A. Dickey, president of the California Brick Company. Following the barbecue the visitors were escorted through the plant of the California Brick Company and shown the process of manufacturing fire brick, architectural terra cotta and fire tile.

Hospital Project

The Livermore Hospital site comprises approximately two hundred and forty acres located about four miles south of Livermore.

The project involves the construction of twenty-five buildings and a reservoir.

The Infirmary Building, the largest of all, consists of the main central building, four stories in height in which the operating rooms, laboratories, etc., are located and two radiating wings, two stories in height, each with a promenade roof, in which the patients will be housed.

The Administration Building will be two stories in height and will house administrative offices, main kitchen, dining room, refrigerating plant, etc.

A large one-story building will be

Credit for the success of the U. S. Veterans' Hospital Inspection Trip is due to the never-failing efforts of Mr. N. A. Dickey, president of the California Brick Company.

To Mr. Dickey is due the thanks of the visitors for the barbecue served following the hospital inspection.

The efforts of Mr. Dickey created sufficient interest to warrant the attendance—which, it is safe to say, exceeded 250 persons.

provided for Occupational Therapies, a Recreational Building which will contain auditorium, canteen, library, lounging room, etc., is also specified in the plans.

Ambulant Cottages

There will be eight one-story cottages in which will be housed and treated the patients not seriously ill. These will be known as the Ambulant Cottages. This group will contain its own kitchens and dining room.

Two large structures, two stories in height, will house the attendants' and nurses' quarters. A two-story boiler house with laundry, incinerator and water softening plant, a two-story garage and two-story warehouse building are other structures.

Fireproof Construction

All of the above buildings are fireproof, being of concrete and hollow tile construction. The majority of them will have terra cotta tile roofs.

A cottage for the Medical Officer in Charge is provided. This will be of frame construction with the roof. Six cottages of similar construction of the Duplex Type will house the Officers' Quarters.

Construction of the Livermore Hospital project was started in February

of this year and it is expected the buildings will be ready for acceptance before the close of 1924.

\$2,000,000 Project

The buildings are laid out on the plot plan and have a capacity of 250 beds. Means of financing are yet to be worked out to increase the capacity to 500 beds.

The total expenditures for contracts awarded up to the present time involved approximately \$1,300,000. Fully equipped the hospital, according to present plans, will represent an expenditure of \$2,000,000.

Howard S. Williams, of San Francisco, is general contractor for the Livermore Hospital. N. J. Bundy is superintendent of construction for Mr. Williams and Robt. F. Morris, engineer.

Major Wm. H. Radcliff, special expert of the United States Veterans' Bureau, is superintendent in charge of construction for the Government and Ernest C. Hunter, chief inspector.

Sub-Contractors

Sub-contracts on the Livermore hospital are held by the following firms: Heating, Ventilating and Electric Work, Latourrette-Fical Company of Sacramento.

Brick and Tile work, Emil Hogberg, San Francisco.

Mastering, Joseph Greenbach, San Francisco.

Roofing, Fibrestone Roofing Company, San Francisco.

Glazing, Tyre Brothers, San Francisco.

Marble, Musto-Keenan and Sons, San Francisco.

Tile Work, Rigney Tile Company, San Francisco.

Steel Form Work, Steelform Contracting Company, San Francisco.

Sheet Metal Work, Pacific Rolled Metals Company, San Francisco.

Reinforcing Steel, W. S. Wetenthal Company, San Francisco.

Ornamental Iron Work, C. J. Hillard Company, San Francisco.

BUILDERS VISIT CALIFORNIA BRICK PLANT AT LIVERMORE



N. A. DICKEY

Assembled at tables in the main storage building of the California Brick Company's plant near Livermore, 250 persons representing every branch of the construction industry in Northern and Central California, enjoyed the barbecue served following the inspection of the U. S. Veterans' Hospital on July 31.

The barbecue was provided by Mr. N. A. Dickey, president of the California Brick Company, who was introduced by Clarence F. Pratt, toastmaster.

opened the barbecue with an address of welcome, complimented the contractors on the rapid progress made on the hospital job and ordered the

festivities started with strains from a four-piece jazz orchestra.

Wm. H. George, president of the San Francisco Builders' Exchange, Major Wm. H. Radcliff, William Gray, Will G. Thornally, Wm. Feary, Howard S. Williams, C. A. Smith, Chas. Comperiz and members of the Lions' Club and Livermore Chamber of Commerce were among the other speakers.

Glowing tributes were paid by the speakers to Mr. N. A. Dickey for his untiring efforts to make the inspection tour a success. Uncle Sam came in for several rounds of applause when speakers lauded him for erecting modern structures to house the boys who followed the colors in the fight for Democracy. Howard S. Williams, general contractor on the hospital project, was commended for his rapid and satisfactory progress on the job. Similar tribute was paid to the sub-contractors on the work.

Following the barbecue committees were organized and the visitors escorted through the plant and shown the manufacture of fire brick, architectural terra cotta and fire tile.

SACRAMENTO, Cal.—July, 1924, building permits total \$607,901 as compared with \$1,065,330 for the same period in 1923.

L. A. ELECTRICAL CONTRACTORS MUST GIVE BOND

Ordinance 49,363 requiring individuals, firms or corporations engaged in the installation of electrical wiring fixtures or appliances, to register and give bond, was passed by the Los Angeles city council and approved by the mayor July 28. A registration fee of \$100 is required and before issuing a certificate of registration the city electrician "shall briefly examine the applicant and pass upon the qualifications and experience of such applicant."

A surety bond for \$1000 must be given by each person, firm or corporation registered, said bond to guarantee any person who has suffered damages by faulty or improper work against loss. Suit may be brought against any bond until it is exhausted.

A maximum penalty of \$500 fine or 6 months in jail or both is fixed for violation of the ordinance.

Persons, firms or corporations doing electrical work in their own stores or establishments are required only to pay a registration fee of \$10.

OAKLAND, Cal.—City Building Inspector reports issuance of 983 building permits in July, 1924, for improvements costing \$3,250,532.



PANORAMA OF U. S. VETERANS' HOSPITAL



N. A. DICKEY
Oakland Builders' Exchange

WILL M.
San Francisco



INDUSTRIAL BUILDINGS NEAR LIVERMORE, CALIFORNIA

The accompanying cut shows a bevy of Livermore's fairest damsels who served the builders at the barbecue held in the plant of the California Brick Company.

Howard S. Williams, general contractor for the U. S. Veterans' Hospital project; Wm. H. George, president of the San Francisco Builders' Exchange, and N. A. Dickey, president of the California Brick Company are also shown.



W. H. GEORGE
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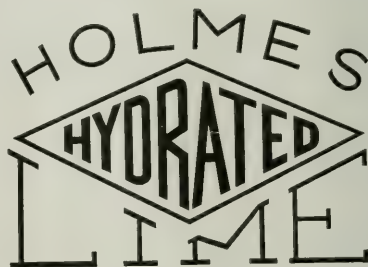
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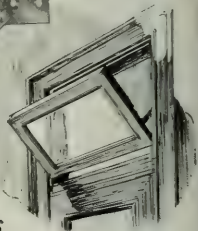
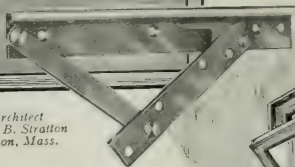
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- May be installed to swing to right or left
- Outside of sash easily washed from inside of room
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- Easy to operate
- Equally effective for transoms
- It is inexpensive—and the price is right

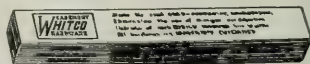
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No special sash or frame detail is required.

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Each set (equipment for one casement sash or transom) with installing instructions, is packed in a neat carton 1" x 1" x 3".



Whitco Hardware is sold only through retail dealers in builders' hardware. If your hardware man cannot supply you, send us his name and we will see that your needs are taken care of.

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CLEAR LAKE. Lake Co., Cal.—Wm. H. Hanson, Antioch, awarded cont. bid to 1st Pub. Wks. at \$40,000 to construct earthwork. Project is for reclamation of approx 2000 acres.

STOCKTON. San Joaquin Co., Cal.—County Surveyor F. E. Quall preparing spec. for reconstruction of levees on Mormon Channel in vicinity of Linden.

IRRIGATION PROJECTS

SELMA. Fresno Co., Cal.—Until Aug. 26, 2 p. m., bids will be rec. by Consolidated Irrigation Dist. to construct flume over Kings river, near Kingsburg, consisting of (a) steel truss. (b) conc. abutments and piers, (c) circular flume; (2) construct ditch tender's dwelling house; (3) const. eleven retaining walls. H. Teilmann, chief engineer for district. See call for bids under official proposal section in this issue.

SANTA ANA. Cal.—Drainage Constr. Co. (formerly Lana Constr. Co.), Brea, submitted low bid to directors of Newhope Drainage Dist. at \$84,744 to construct drainage system, including flume and backfill all pipe, with const. of structures necessary to complete system; approx. quantities are: 9053 ft. 24-in., 2770 ft. 21-in., 3080 ft. 18-in., 15,292 ft. 15-in., 3308 ft. 14-in., 7795 ft. 12-in., 26,207 ft. 10-in., 40,166 ft. 8-in. pipe; (2) the trench, furnish, lay and backfill 2 30-ft. of 14-in. one 30-ft. length of 16-in., three 30-ft. lengths of 12-in. and one 126 ft. length of 10-in. corrugated iron pipe; (3) the excav. for and the construction of, complete with fur. all equipment, labor and materials, for the following: one conc. sand box, 30 man holes, 28 observation holes; incidental structures, devices and work. Other bids were: H. H. Peterson, \$86,597.08; Chas. and Geo. K. Thompson, \$91,322.10 R. C. Loucks, Santa Ana, engr. for the district.

MANTECA. San Joaquin Co., Cal.—Directors of South San Joaquin Irrigation District sell \$350,000 worth of bonds to finance lining of approx. 40 miles of canals. The sale of these bonds leaves \$30,000 of the \$430,000 issue yet to be disposed of. Bids for lining the canals were rejected a short time ago. It is probable that the work will be done by the district by force account. S. L. Steele is secretary of district.

PHOENIX. Ariz.—The \$2,500,000 Horse Mesa bond issue has been approved by the shareholders of the Salt River Valley Water Users Assn. This will be added to the Tempe and Goodeveit dry lands project bonds, making a total of \$4,400,000, which will be expended for a dam at Horse Mesa, 300 ft. high, 400 ft. wide at the top. Bedrock will be reached at an average depth of 22 ft. C. C. Cragin is supt. and chief engr.; F. A. Reid, pres. Work is to be started as soon as the bonds are sold.

LAKEVIEW. Cal.—Owners of 320 acres of land vote to form the Lakeview Irrigation Dist. C. E. Harrigan, L. R. Knorr, and Wallace Mansur are the new directors, and Thomas F. Helm, treasurer.

LIGHTING SYSTEMS

PASADENA. Cal.—Until 10 a. m., Aug. 12, bids will be rec. by city directors to const. orn. light system in Oakland Ave. bet. California St. and Altendale Rd., etc., involv. posts, wires, conduits, etc.; 1911 act. Bessie Chamberlain, city clerk.

CORONA. Cal.—Harry M. Rouse, San Bernardino, awarded cont. by city trustees at \$30,874 to install about 30 blocks of orn. lights on the principal street of Corona.

NAPA. Napa Co., Cal.—Until Aug. 18, bids will be rec. by H. H. Thompson, city clerk, to install 153 Arcadian c. i. lighting standards with globes, wiring, etc., in portions of Brown, Main, Soscol 3rd, 2nd, 1st, Clay and Pearl Sts. 1911 Act. H. A. Harold, city eng. (Est. cost, \$31,000). Plans on file in office of clerk.

LOS ANGELES. Cal.—H. C. Reid & Co., San Francisco, submitted low bid to 1st Pub. Wks. at \$44,886 to const. lighting system in Calhoun Ave., bet. Highland Ave. and Hollywood Blvd., involv. 84 pressed steel posts etc. Other bids were: Elec. Lighting Supply Co., \$41,963; W. A. McNally, \$42,621; H. H. Walker, \$42,646; Newbery Elec. Corp., \$42,732; Fritz Ziebarth, \$43,561; A. C. Rice, \$43,973; J. C. Rendler, inc., \$44,157.

Walker & Martin, 402 W. Wilshire, Fullerton, low bidder at \$10,142 to construct orn. lighting system in Alwater Ave. bet. Silver Lake Blvd. and Glendale Blvd., involv. 6 conc. posts, etc. Other bids were: A. C. Rice, \$11,182; Fritz Ziebarth, \$11,521; H. H. Walker, \$11,816; Newbery Elec. Corp., \$12,112; R. A. Wattson, \$12,366; J. C. Rendler, Inc., \$12,819.

A. C. Rice, 1963 Santee St., low bidder at \$66,283 to const. orn. lighting system in Vermont Ave., bet. Hollywood Blvd. and Midland Blvd., involv. 138 pressed steel posts, etc. Other bids were: R. A. Wattson, \$66,426; J. C. Rendler, Inc., \$66,666; W. A. McNally, \$67,400; Newbery Elec. Corp., \$67,527; H. H. Walker, \$67,642; H. C. Reid & Co., \$68,000; McKinney Elec. Co., \$77,714.

W. A. McNally 517 S Broadway, Pasadena, low bidder at \$47,362 to construct orn. lighting system in Alvarado St., bet. Sixth St. and Hoover St., involv. 102 pressed steel posts, etc. Other bids were: H. H. Walker, \$47,540; R. A. Wattson, \$47,418; Fritz Ziebarth, \$48,315; H. C. Reid & Co., \$48,500; Newbery Elec. Corp., \$48,799; J. C. Rendler, Inc., \$48,844; A. C. Rice, \$49,318; Elec. Lighting Supply Co., \$49,620; McKinney Elec. Co., \$58,914.80.

Newbery Elec. Corp., 724 S Olive St., low bidder at \$30,335 to const. orn. lighting system in First St., bet. Soto St. and Boyle Ave. Other bids were: Elec. Lighting Supply Co., \$32,455; H. C. Reid & Co., \$33,250; J. C. Rendler, Inc., \$33,938; W. A. McNally, \$34,125.

LOS ANGELES. Cal.—Until 10 a. m., Aug. 25, bids will be rec. by Bd. Pub. Wks. to const. orn. lighting system in Windsor Blvd. bet. Beverly St. and First St., involv. 10 conc. posts; 1911 act.

Separate bids to const. orn. lighting system in Rimpau Blvd. bet. Wilshire Blvd. and Pico St., involv. 78 conc. posts; 1911 act.

LOS ANGELES. Cal.—Until 10 a. m., Aug. 18, bids will be rec. by Bd. Pub. Wks. to const. orn. lighting system in Sunset Blvd., bet. N Broadway and Sanborn Ave., involv. 940 Pressed steel posts; 1911 act.

HENET. Cal.—Local Merchants formulating plans for a complete street lighting system in the business district. The committee members are: C. C. Abbey, M. C. Egley and F. W. Kennedy.

MACHINERY & EQUIPMENT

PORTLAND. Ore.—Until Aug. 11, 2 p. m., bids will be rec. by J. H. F. Fohemue, gen. mgr. and ch. eng., Port of Portland Commission, 916 Spalding Bldg., to fur. 3 traveling cranes with a live load capacity of 8 tons. Further information obtainable from above office.

SAN BUENAVENTURA. Cal.—Until 7:30 p. m., Aug. 11 bids will be rec. by city trustees for (1) one portable air compressor, vertical duplex, 5x5-in. cylinders, with a capacity of 91 cu. ft. per min., driven by 4-cyl. gasoline engine, (2) two paving breakers, equal to C. C-25 Ingersoll Rand paving breakers; (3) ten pcs. 1½-in. Hex solid steel, 14-in. long, under collar with mott points, (4) four 50-ft. lengths 7 ply air drill hose fitted with necessary couplings; (5) three 1½-in. Hex solid steels with tamping pads, complete; (6) two chipping and calking hammers, equal to Ingersoll-Rand No. 2-5; (7) ten chisel blanks for above calking hammers. Thomas Meilandt, city clerk.

PORTLAND. Ore.—Until Aug. 13, 10:30 a. m., bids will be rec. by County commissioners, 405 Courthouse, Portland, to fur. one new 12-ft. belt, land leveler, hand operated. Cert. check 5% payable to Bd. of Co. Comm. rec. Bidders must state time of delivery.

SANTA ROSA. Sonoma Co., Cal.—Until Aug. 25, 8 p. m., bids will be rec. by Sarah N. Hatch, secy. Board of Education to fur. and install manual training equipment for high school annex, as more fully described in official proposal published in this issue

SAN JOSE. Santa Clara Co., Cal.—L. C. Karstedt at \$1,000 awarded sale by supervisors of two trailers no longer required by county for road work.

RAILROADS

GRAEAGLE. Plumas Co., Cal.—California Fruit Growers Exchange, 510 Battery St., San Francisco, has started construction of 5-mi. of standard gauge r. r. from lumber dept. plant to point in Jamieson Canyon to serve timber lands; est. cost \$25,000 with equipment, \$50,000.

FIRE ALARM SYSTEMS

SAN JOSE. Santa Clara Co., Cal.—Until Sept. 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to fur. and install one double automatic burglar alarm system in county treasurer's office. Spec. on file in office of clerk.

GLENDALE. Cal.—In proposed \$1,705,973 bond issue for municipal improvements are included the following items: fire alarm system, \$63,429, and police alarm system, \$36,294.

LOS ANGELES. Cal.—Fred E. Detmers submitted low bid to Bd. Pub. Wks. at \$3445 (or \$85 each) for 37 police signal and telephone boxes. Delivery, 90 days after date of order. The Gamewell Co. bid \$6552; 126 working days.

FIRE EQUIPMENT

LAKEPORT. Lake Co., Cal.—City trustees levy direct tax for \$6,000 which will be used to purchase motor fire engine.

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MISCELLANEOUS SUPPLIES

MODESTO, Stanislaus Co., Cal.—Until Aug. 26, 10 A. M., bids will be rec. by C. S. Abbott, Sec'y., Modesto Irrigation District, to furnish fuel oil under contract for a period not to exceed six months. Cert. check 5% payable to Treasurer of Dist. reg. Blanks for bidding obtainable from secretary.

LOS ANGELES, Cal.—Ducommun Corp., 219 S. Central Ave., submitted low bid to public service comm. at \$7.95 per 100 lbs. for 10 tons pig lead soft enough for calking in cast iron pipes. Other bids were: Harper & Reynolds, \$7.985; N. O. Nelson Mfg. Co., \$7.995; Union Hardware & Metal Co., \$9.975.

RESERVOIRS AND DAMS

RIVERSIDE, Wash.—See "Power Plants," this issue. Bids Wanted.

MONTECITO, Cal.—Charles T. Richardson, 525 E. Haley St., Santa Barbara, awarded contr. by Montecito Water Dist., at \$23,392 to excavate and const. rein. conc. reservoir, involv. following approx. quantities: 1102 cu. yds. rock excav.; 3305 cu. yds. earth excav.; 50 tons reinf. steel; 4900 cu. ft. (one ton) wire mesh; 600 cu. yds. crushed rock; 200 cu. yds. sand; 1050 bbs. cement; 210 tons hauling; 700 cu. yds. of placing; 20,680 ft. board measure from lumber; 11,366 ft. board measure roof lumber. Also cement, overflow pipe, tile drain, wire screen, nails, bolts, roofing paper, approx. 25 tons hauling. Leeds & Barnard, consulting engrs., 704 Central Bldg., Los Angeles.

SANTA ANA, Cal.—Walter Wray, water supt., recommends that 50,000-gal. capacity reservoir be constructed to provide city with adequate water supply.

NEWPORT BEACH, Cal.—See "Waterworks," this issue. Construction recommended.

PIPE LINES, WELLS, ETC.

SACRAMENTO, Cal.—Sacramento Gas Co., 914 7th St., applies to State R. R. Commission for permission to sell \$225,000 in bonds to finance extension to system in Sacramento and Lodi districts. L. H. Northrup, general manager of company.

WILLOWS, Glenn Co., Cal.—Until Aug. 13, bids will be rec. by P. A. Grealy, secy. Willows Cemetery District, 123 W. Walnut St., Willows, to furnish wrought iron pipe. Cert. check 10% payable to dist. reg. Further information obtainable from Dist. Eng. R. D. Thomas at Willows.

MAYFIELD, Santa Clara Co., Cal.—Until Aug. 15, 8 p. m., bids will be rec. by J. P. Schaefer, city clerk, to fur. 2300 ft. 4-in. bell and spigot C. I. pipe. Cert. check 10% payable to city reg. Spec. obtainable from clerk.

SEWAGE DISPOSAL PLANTS

WILLOWS, Glenn Co., Cal.—W. J. Shalz, Willows, at \$2,335 awarded contract by Ord School District to const. septic tank and sewage system at school grounds. Other bids: L. Van Vlack, Chico, \$2895; J. W. Halterman, Willows, \$3,127; John Berlinger, Orland, \$2,675; J. W. Evans & Sons, Chico, \$3,171.

BLTYHE, Cal.—Burns-McDonnell-Smith, Engr. Co., consulting engs., 415 Marsh-Strong Bldg., Los Angeles, has in progress surveys for sanitary sewer system and a sewage disposal plant at Blythe, Calif.

MISCELLANEOUS CONSTRUCTION

SELMA, Fresno Co., Cal.—Until Aug. 26, 2 P. M., bids will be rec. by Consolidated Irrigation District, to const. (1) flume over Kings river, near Kingsburg, consisting of (a) steel truss; (b) conc. abutments and piers; (c) circular flume; (2) construct ditch tender's dwelling house; (3) const. eleven rein. conc. bridges. I. H. Teilmann, chief engineer for district. See call for bids under official proposal section in this issue.

LONG BEACH, Cal.—Following bids received by City Manager Windham to const. reinf. conc. municipal garbage incinerating plant near 15th St. and the flood control channel, Long Beach: Hogberg Constr. Co., 150-ton plant, \$85,000; 200-ton plant \$110,000; both exclusive of bldg. and founds.; Pittsburg-Des Moines Steel Co., 3 units U. S. standard type, 50 tons in 24 hrs. ea., \$59,000; Hiler Engr. & Constr. Co., 150-ton plant, \$120,000; 200-ton plant, \$150,000; J. S. Horn, incinerator erected by the city, \$45,000 per unit; Superior Incinerating Co., 150-ton, 24 hrs., \$88,000; 150-ton 16 hrs., \$114,000; 150-ton 12 hrs., \$130,000; J. D. Sherer & Son, 150-ton plant, \$67,845; 200-ton plant, \$11,322; 1 chimney and bldg with ramp \$79,300. F. L. Dedarie bid (1) \$150, \$460; bid (2) \$125,000; bid (3) \$100,255; bid (4) \$90,450; bid (5) \$60,000. C. O. Bartlett & Snow Co., proposal (a) \$115,200; (b) \$153,600; (c) \$79,650; (d) \$89,850; (e) \$149,882.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works to furnish and erect street signs in various sections of city. Work will be financed by Budget Item No. 376. Fiscal Year 1924-25.

GLENDALE, Cal.—Citizens Bond Committee has endorsed proposal to place on ballot of the proposed municipal improvement bond election a \$50,000 issue for an incinerator.

WATER WORKS

CULVER CITY, Cal.—Dan F. Coombs, Culver City, has secured permit to erect a pumping plant at 425-7-9 Senteney St., for the People's Water Co., Palms.

LOS ANGELES, Cal.—Until 3 P. M., Aug. 5, bids will be rec. by public service comm., 207 S. Broadway, for one motor driven centrifugal oil purifier. Adv. 726-A. Jas. P. Vroman, Secretary.

CARPINTERIA, Cal.—Carpinteria Water Co. petitions supervisors for permission to establish private water company in that city. There is no public plant at present time. Water will be supplied from wells on the property of Frank Stewart, one of the directors. Other directors are: Josephine Stewart, Stanley Atkinson, Harrison Ryon and Ross A. Ross.

SAN FRANCISCO—Bids as follows were opened in the Office of the Constructing Quartermaster's Office at Fort Mason for the moving of 8 inch water mains in Bay Street between Scott and Divisadero Streets, San Francisco: H. G. Thiele, Cal. Bldg., San Francisco, at \$2995 awarded contract. Other bids were Schultz Construction Co., \$3484 and Eaton & Smith, \$3250.

LONG BEACH, Cal.—Pernel Barnett, 630 E. Washington St., Orange, submitted low bid to council at \$20,440 to remodel Elm Ave. sewage pumping station and installing pumps, motors, elec. equipment, involving rebuilding, \$11,000; 173 ft. Class A C. I. pipe in place, \$4.16 ft.; 905 ft. 18-in. rein. conc. pipe and wyes in place, \$9.10 ft.; three type C manholes, \$165 each.

PITTSBURG, Contra Costa Co., Cal.—Election will be called at once to vote bonds of \$16,000 to const. water mains extensions into the Creeft tract.

BLUE LAKE, Humboldt Co., Cal.—Bids will be asked at once by town trustees to install new water system.

LOS ANGELES, Cal.—American Steel Pipe & Tank Co., Pacific Elec. Bldg., awarded contr. by public service comm. Aug. 1 at \$6839.99 for well casing under spec. 724-D.

United Casting Co., 813 Wilson St., awarded contr. at \$90.00 for 300 angle nozzle fire hydrants under spec. 726.

LOS ANGELES, Cal.—Until 3 P. M., Aug. 12, bids will be rec. by public service comm., 207 S. Broadway, for curb cocks as follows: 200 2-in., 200 1½-in., 2000 1-in., 10,000 ¾-in. and 2000 ½-in. cocks. Spec. W-280. Jas. P. Vroman, secretary.

VISALIA, Tulare Co., Cal.—Until Aug. 14, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to construct steel pipe line for joint tubercular hospital at Springville, Tulare County. Bids previously received rejected. Cert. check 5% req. with bid. See call for bids under official proposal section in this issue.

BURBANK, Cal.—Until 7:30 p. m., Aug. 13, bids will be rec. by city trustees to fur. and lay wrought iron pipe and appliances for water mains in portion of Monterey Ave. and other sts. Plans on file at office of city engr., A. J. Rose. Cert. check or bond 10%. F. S. Webster, city clerk.

NEWPORT BEACH, Cal.—Mayor Geo. P. Wilson recommends that city trustees const. 1,500,000-gal. reservoir as soon as possible. Numerous extensions, using 14-in. and 12-in. iron pipes are suggested, especially to serve Corona del Mar district.

SAN BERNARDINO, Cal.—Board of water commissioners adopt plan to change proposed route of Devil Canyon water main to extend north of Little Mt. and down the Pac. Elec. Ry. tracks instead of west of the mountain and through Shreve Hills as originally planned. C. E. Johnson, city engr., estimates the change at \$10,000 additional. The new route will provide a chain of wells. Walter Starke, water supt.

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SEASIDE, Ore.—Until Aug. 16, 8 P. M. bids will be rec. by E. S. Prouty, Secretary, Board of Water Commissioners, to const. water system, including dam and intake structure, main pipe line and distributing mains and appurtenances, valves, specials, etc. Involvs:

11,500 ft. of 16-in. pipe; 2450 ft. 10-in. pipe fur. by City to be put in by contractor; 20,254 cu. yds. excavation and back-fill; 12 air valves; 13 blow-offs; 3 gate valves, 16-in.; 6 long radius elbows, 16-in.; 2 15-in. "V's"; 177 Dresser couplers, 16-in.; style 38; 1 10-in. tee on hand to install; 1 10-in. valve on hand to install; 1 12-in. gate valve; 50 ft. of 12-in. C. I. pipe, flange and plate; 1 C. I. tee; 1 20-in. sluice gate; 1 20-in. sluice gate.

Alternate proposals will be received upon other types of pipe than noted. All such alternate bids shall be accompanied by full plans and specifications for the material used.

Alternate proposals will also be received for furnishing pipe, valves, specials, etc., f. o. b. Seaside, Oregon, and also on the distribution and laying of the pipe and installation of valves, specials, etc. Cert. check 5% req. Plans and spec. obtainable from L. C. Rogers, eng. for Commission, at Seaside on deposit of \$15, returnable.

GLENDALF, Cal.—Bond issue of \$550,000 for new water mains and reservoirs and one for \$128,000 for the purchase of water-bearing land are to be included in the proposed \$1,705,973 municipal improvement bond issue now under consideration by the city council.

PLAYGROUNDS AND PARKS

EL CERRITO, Contra Costa Co., Cal.—Election will be called at once to vote bonds to finance playground improvements. Election will be for \$100,000 to finance, in addition to playgrounds, new city hall and fire house.

LODI, San Joaquin Co., Cal.—City Eng. L. F. Barzellotti recommends purchase of Smith Lake property for establishment of park and tourist camp. Property covers approx. 20 acres.

GLENDALF, Cal.—City council will include in proposed municipal improvement bond issue items of \$123,500 for a 35-acre park in Rossmoyne and \$35,000 for a park in the south part of the city.

SEWERS & STREET WORK

VENICE, Cal.—Braun, Bryant and Austin, Box 575, Inglewood, awarded contr. by city trustees at \$78,052 to imp. 35th Ave., 35th Pl., 36th Ave., 36th Pl., 37th Ave., etc., grade; pave & construct san. sewer, with sump pumps and pump house, and bringing manhole to grade. Chas. Heuser bid \$80,467.68.

MADERA, Madera Co., Cal.—Chamber of Commerce has appointed committee to confer with county supervisors regarding election to vote bonds to finance construction of a "comprehensive road system for Madera county."

MAYFIELD, Santa Clara Co., Cal.—Kaiser Paving Co., American Bank Bldg., Oakland, at \$92,846 awarded contr. by town trustees to imp. various streets involving 400,000 sq. ft. 5-in. conc. pavement; 6000 lin. ft. curb; 100 3/4-in. water services of average length of 18-ft.; 100 4-in. sewer services, average length 20-ft. Plans on file in office of town clerk. Other bids: California Constr. Co., \$101,566; W. A. Dontanville, \$93,895; Eaton & Smith, \$100,939; Federal Constr. Co., \$96,419; Freeman, Whiting & Vaughan, \$107,612; General Constr. Co., \$99,404; Galbraith & Jones, \$98,304; F. McIntyre, \$103,645; San Jose Paving Co., \$93,359; Valley Paving Co., \$101,741.

OKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. streets in Fruitvale Garden Farms Tract, involv. 18,288 lin. ft. 8-in. sewer; 48 manholes; 43 lampholes; 8-in.; 25 lampholes, 12-in.; 3 drop connections; 597 wye branches. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Until 2 p. m., Aug. 18, bids will be rec. by supervisors to imp. Hickory and Ivy Sts., betw. California Ave. and Manchester Ave., 43 ml. under County Imp. No. 209, inlv. 1000 cu. yds. excav. 9510 sq. ft. conc. gutter; 9166 sq. yds. cem. conc. gutter. Est. contr. price, \$24,813.60. Average haul 1 mile.

SAN DIEGO, Cal.—Residents of the Normal Heights District are organizing to form a county sanitary district.

INGLEWOOD, Cal.—Until 8 p. m., Aug. 11, bids will be rec. by city trustees to imp. Damask Ave., bet. Arbor Vitae St. and Redondo Blvd., involving 320,862 sq. ft. grading, 8122 ft. curb, 39,500 sq. ft. walk, 9580 sq. ft. gutter, 2 storm drain, 2 culverts, 75,335 sq. ft. 5-in. macad., 99,880 sq. ft. 5-in. asph. conc. pavement, 28 water services. Work will be done under the 1911 act and the 1915 bond act.

SANTA ANA, Cal.—Supervisors declare inten. to imp. under R. D. I. No. 26, the central 38 ft. of Ball Road, bet. Brookhurst and Euclid Aves., about 1 ml., involving 6-in. asph. conc. 18-ft. pave. (2-in. wearing surface on 4-in. asph. conc. base); two 12-in. corr. iron pipe culv.; relinf. conc. headwall; corr. iron pipe culverts; est. cost, \$20,000. J. L. McBride, county road commissioner.

SAN CARLOS, San Mateo Co., Cal.—A. E. Downer, 705 East Lindsay St., Stockton, at \$10,475 submits low bid to San Carlos Sanitary District to sewer various sts., involv. (a) 1290 ft. 8-in. pipe, \$82; (b) 8178 ft. 8-in. pipe, \$78 (c) 43 manholes, \$65; (d) 8 lampholes, \$10; (e) 164 wye branches, \$1. Other bids were:

C. B. Cowden, \$10,997; (a) \$1.07; (b) \$81; (c) \$63; (d) \$15; (e) \$1.
Chambers and DeGolyer, \$14,391, (a) \$1.25; (b) \$1.10; (c) \$80; (d) \$17.50; (e) \$1.25.

Bids taken under advisement.

FULLERTON, Cal.—Until 7:30 P. M., Aug. 12, bids will be rec. by city trustees to imp. portions of West Trustlow Ave., East Trustlow Ave., etc., involv. 1000 cu. yds. excav.; remove const. conc. curb and removal of culverts and other incidental work.

OKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to sewer streets in Fruitvale Garden Farm Tract" including const. of manholes, lamp holes, drop connections, and wye branches. 1911 Act. Protests Aug. 14. W. W. Harmon, city eng.

MAYFIELD, Santa Clara Co., Cal.—Kaiser Paving Co., Amer. Bank Bldg., Oakland, at \$92,845.43 submitted low bid to town trustees to imp. various streets involving const. of 22,000 sq. ft. 5-in. conc. pavement; 6000 lin. ft. curb; 100 3/4-in. water services of average length of 18-ft.; 100 4-in. sewer services, average length 20-ft. Plans on file in office of town clerk. Other bids, all taken under advisement, were:

California Constr. Co.,	.....	\$101,566.70
W. A. Dontanville,	.....	93,895.01
Eaton & Smith,	.....	100,939.00
Federal Constr. Co.,	.....	96,419.00
Freeman, Whiting & Vaughan,	.....	107,612.22
General Constr. Co.,	.....	99,404.47
Galbraith & Jones,	.....	98,304.16
F. McIntyre	.....	103,645.31
San Jose Paving Co.,	.....	93,359.00
Valley Paving Co.,	.....	101,741.30

SAN DIEGO, Cal.—Park commission will ask council for a \$165,551 bond issue to pave streets in and around Balboa Park.

LOS ANGELES, Cal.—Fry Brothers, Contr. Co., 335 E. 2nd St., Long Beach, submitted low bid to supervisors at \$85,800 to imp. Arizona Ave., bet. Third Road, and portions of other streets, under County Improvement No. 32, 27, 250 lin. ft. involv. 892 cu. yds. excav.; 202,195 sq. ft. conc. walk; 39,046 lin. ft. 6x3x14 curb; 11,118 ft. 6x10x18 curb; 115 ft. 6x10x20 curb; 115,388 sq. ft. gutter; corr. iron pipe culv. with catch basins. Other bids were: Wm. Lindington, \$87,130.02; W. D. McCray, \$87,716.57; Geo. H. Oswald, \$90,600.87; Hall-Johnson Co., \$93,611.84; Clarence P. Day Corp., \$95,463.58; Mandic & Christich, \$97,439.20; Geo. W. Kemp, \$98,258.74; Chas. D. Soteris, \$100,203.04; Gibbons & Reed Co., \$100,692.74; T. H. Oglesby, \$101,150.42; J. C. DeLor, \$101,837.83; Ed. Johnson & Sons, \$102,392.08; C. E. Green, \$102,944.66; Geo. J. Bock, \$102,911.21; Geo. R. Curtis Paving Co., \$104,096.25; Chas. T. Salata, \$104,256.20; T. E. Stewart Const. Co., \$104,777.60; D. A. Foley & Co. \$112,281.31; Geo. Snyder, \$112,413.07. Engr's est. \$110,550.85.

PASADENA, Cal.—Election will be held on Municipal Imp. Dis. No. 1 to vote on a \$290,000 bond issue to imp. streets involv. grade and pave with 6-in. macad., const. curbs, walks, gutter, ornam. lighting system. Hearing Aug. 5. W. C. Earle, city engr.

LOS ANGELES, Cal.—Until 10 A. M., Aug. 18, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act: (a) Figueroa St., bet. 101st and 103rd Sts., involv. 22,915 sq. ft. 6-in. conc. paving; 619 ft. curb; 3296 sq. ft. walk; 941 ft. house sewers; 750 sq. ft. 2-in. bitum. base paving; (b) Alameda St., bet. 43rd St. and Vernon Ave., involv. 10,981 sq. ft. 5-in. conc. paving; 44 ft. curb; 40 sq. ft. walk; 341 sq. ft. remod. oilled surface.

Normbega Ct., bet. 39th St. and 39th Pl., involv. 6867 sq. ft. 5-in. conc. paving; 105 sq. ft. remod. oilled surface. Alley s. w. of 32nd St., bet. Royal St. and first alley n. w. involv. 7187 sq. ft. 5-in. conc. paving; 6.5 ft. curb; 12.5 sq. ft. walk.

SAN FRANCISCO—Fay Improvement Co., Phelan Bldg., at \$7701.51 awarded cont. by Board of Public Works to imp. Ulloa St., bet. 17th and 19th Aves., involv. 3 br. catchbasins, \$97 ea.; 105 lin. ft. 10-in. culvert, \$1.35; 24,933 sq. ft. asph. conc. pave, \$2.92.

Fay Imp. Co. awarded cont. at \$14,752.93 to imp. Ulloa St., bet. 16th and 17th Aves., involv. 1175 lin. ft. conc. curb, \$2.85; 1321 sq. ft. art. stone walks \$1.94; 7 br. catchbasins, \$97; 245 lin. ft. 10-in. culvert, \$1.35; 6930 sq. ft. brick pavement \$6.74; 27,606 sq. ft. asph. conc. ft. asph. conc. pave, \$2.27.

UPLAND, Cal.—City Engr. Manley preparing spec. to extend city sewer system east of Campus Ave. to 11th St., and north to Flower St.

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NEVADA STATE — Until Aug. 26, bids will be rec. by State Highway Commission, George W. Braden, chief engineer, to grade, const. culverts and place gravel surface in Lyon county, bet. Terington and 9.5 mi. east thereof. Plans on file at Office of U. S. Bureau of Public Roads, 3 Main St., San Francisco, and obtainable from commission on deposit of \$15. returnable.

SAN FRANCISCO — M. J. Lynch, Cal. Bldg. at \$141,000 awarded cont. by Bd. Pub. Wks. to imp. Joyce St. from California boulevard, involv. 275 lin. ft. conc. curb, \$90; 3430 sq. ft. pave, \$30; 1 conc. balustrade, \$135 (lump sum); J. M. J. Treacy, Cal. Bldg., at \$85 awarded cont. to imp. Folsom St. bet. Crescent and Ogden Aves., involv. 300 cu. yds. cut, \$1.25; 1300 cu. yds. fill, \$4.40. M. J. Lynch at \$195 awarded cont. to const. 13,000 sq. ft. art. stone walks in Mission St. bet. Sicksles and Russia Avenues.

GUADALUPE, Cal. — Election will be held in Guadalupe Sanitary Sewer Dist. Aug. 26 to vote \$35,000 bond issue to const. sewers and enlarge present system with drainage system and outfall. S. Cognazzi, P. W. Grisingher, S. Ferrari and J. C. Maret, members of the board of the dist.

SAN FRANCISCO — Ed. Pub. Wks. rejected bid of Jas. M. Smith, 715 Ocean Ave. at \$6289.18 to imp. Vulcan bet. Ord and Levant Sts., involv. 951 cu. yds. cut, \$2; 218 cu. yds. fill, \$0.01; 37 lin. ft. iron pipe railing, \$5; stairways, copings, etc. (lump sum) \$4200.

SAN FRANCISCO — C. B. Eaton, 715 Ocean Ave. at \$9167.79 awarded cont. by Ed. Pub. Wks. to imp. Levant St. bet. Lower Terrace and States Sts., involv. 1134 cu. yds. cut, \$1.30; 291 cu. yds. fill, \$0.01; 572 lin. ft. 8-in. sewer, thirty-two 8-in. wye branches, \$2; 53 manholes, \$25 ea.; 1210 lin. ft. conc. curb, \$1; 5392 sq. ft. conc. pave, \$26; 9126 sq. ft. asphalt conc. pave, \$18; 2 br. catchbasins, \$35 ea.; 24 lin. ft. 10-in. culverts, \$2.

SAN FRANCISCO — Bids will be asked by Board of Public Works shortly to construct connecting road between Municipal Golf Links and Skyline Boulevard. The cost will exceed \$15,000.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares intent to imp. 2nd St. bet. Taylor and Rosa Sts., involv. grade and pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. walks, curbs, gutters, inlets; 8-in. vit. pipe drains, hyd. cem. conc. house lateral drains. 1911 Act & Bond Act 1915. Protests Aug. 18. Wm. Popp, city eng.

LONG BEACH, Cal. — United Concr. Pipe Co., by Cteve Krule, pres., P. O. Box 6, Ventura, awarded contr. by council at \$99,899 to const. sewer system in Dist. No. 7, in Anaheim St., Orange Ave., Temple Ave. and portions of other streets, involv. 32,500 ft. 8-in. cem. pipe, wye and chimneys, \$4.20 ft.; 2145 ft. 10-in. cem. pipe, \$2.04 ft.; 2-in. cem. pipe, \$5.79 ft.; 5925 ft. 15-in. pipe, \$2.79 ft.; 168 ft. 18-in. cem. pipe at \$3.87 ft.; 9200 lin. ft. conc. backfill, 53c ft.; 162 ft. house sewers, \$52.48 each connection; 92 type A manholes, \$80 each; 18 type C manholes, \$125 each; 50 std. lampholes, \$12 ea.; 180 ft. 12-in. Class A cast iron pipe, \$3.75 ft.; pumping station complete, \$24,500.

WILLOWS, Glenn Co., Cal. — Until Aug. 13, 12 M bids will be rec. by P. A. Grealy, secy. Willows Cemetery Dist., 123 W. Walnut St., Willows, to furnish asphaltic road oil. Cert. check 10% payable to dist. req. Further information obtainable from R. D. Thomas, dist. eng., Willows, Calif.

HUNTINGTON BEACH, Cal. — City trustees declare intent to imp. Walnut Ave. bet. First St. and 23rd St. etc., involv. grade, 8½-in. cor. paving with ½-in. Topeka wearing surface, corr. iron culverts, walks, curbs and curb returns, ornam. lighting system; 1911 act and 1915 imp. bond act. W. R. Wright, city clerk.

SANTA ANA, Cal. — Supervisors declare intent to imp. Main St. bet. a city limits of Santa Ana in Edinger St. and the north line produced west of that portion of Delhi Rd. east of Main St., involv. 6-in. cem. conc. pavement, remove existing 4-in. conc. pavement, constructing curbs, vit. pipe san. sewers, hse. connections, 9 conc. manholes, 4 junction boxes, etc.; R. D. I. No. 61. J. M. McBride, county road commissioner.

REDWOOD CITY, San Mateo Co., Cal. — A. J. Grier, 480 Chetwood St., Oakland, at \$24,899 submits low bid to supervisors to imp. Mission rd. from west city limits of South San Francisco in junction of Grand Ave. extension at San Francisco, involv. 154,500 ft. water-bound macadam pave, \$133; 5800 ft. r.w. curb, \$10; 23,520 ft. rock gutter, \$14; 2 catchbasins, \$100 ea.; 32 ft. 12-in. vit. pipe, \$1.75; 50 ft. 18-in. vit. pipe, \$3; 1 culvert inlet, \$25. Other bids: O. McHugh, \$26,076; W. W. Thompson, \$26,215. Taken under advisement. Geo. A. Kneese, county surveyor.

REDWOOD CITY, San Mateo Co., Cal. Kaiser Paving Co., Amer. Bank Bldg., Oakland, at \$17,749.52 submits low bid to supervisors to grade Black Mountain lateral to Skyline Blvd., involv. 24,000 cu. yds. unclassified excavation. C. J. Lindgren, \$18,630, and Giddings and Wythe, \$18,527.62, next two low bidders. Taken under advisement. Geo. A. Kneese, county surveyor.

LOS ANGELES, Cal. — Until 10 a. m., Aug. 25, bids will be rec. by Ed. Pub. Wks. to const: Berkeley Ave. bet. McCollum St. and Benton Way, involv. 6-in. to 8-in. vit. pipe. Holland Ave. bet. Raphael St. and 5318 ft. n of Ford St., involv. 6-in. cem. pipe. Normandie St. bet. \$5.94 ft. s of Rosewood Ave. and Oakwood Ave., involv. 8-in. cem. pipe.

MARTINEZ, Contra Costa Co., Cal. — Supervisors reject bids to pave Giant to San Pablo Tank Farm Highway, involv. 108,561 sq. ft. 4½-in. thick, asph. conc. pavement; 2100 cu. yds. embankment. This is second rejection of bids. Approx. bids, under latest call were, Calif. Const. Co., \$23,300; J. Sayles, \$30,340; Pacific States Const. Co., \$23,553. Est. of county surveyor, R. R. Arnold, \$22,726.

SAN MATEO COUNTY, Cal. — D. A. Foley Co., Grant Bldg., Los Angeles, at \$298,610, 60-ft. roadway, material to be hauled in borrow from Belle Island and \$45,330 for structures, awarded contr. by State Highway Commission to const. 6.2 mi. of highway in San Mateo county bet. Broadway Station and South San Francisco.

SAN MARINO, Cal. — City trustees declare intent to imp. Huntington Dr. bet. Granada Ave. and Rose Ave., etc., involv. grading, oil macad. paving, conc. curb, gutter, reinf. conc. catch basins, junction boxes, reinf. conc. culverts, vit. pipe culverts, etc.; 1911 act.

SOUTH SAN FRANCISCO, San Mateo Co., Cal. — Until Aug. 18, 7:30 p. m., bids will be rec. by Daniel McSweeney, city clerk, to const. San Bruno and Butler Ave. sewer, involv. 1153 ft. 18-in., 160 ft. 15-in., 182 ft. 10-in., 548 ft. 12-in. vit. or conc. pipe; and 1320 ft. type A Monolithic 24x36-in. conc. pipe sewer; 1166 ft. type B monolithic 24x36-in. conc. pipe sewer; 194 ft. type C monolithic 24x36-in. conc. pipe sewer; 8 manholes and 7 catchbasins. Geo. A. Kneese city eng. Plans on file in office of clerk

SAN LEANDRO, Alameda Co., Cal. — Until Aug. 18, 8 p. m., bids will be rec. by J. J. Gile, city clerk, to const. 8-in. sewer in Magdalena Ave., from manhole in Santa Rosa St. to Santa Clara St., in addition to const. manholes and wye branches and house sewers. Cert. check 10% payable to city req. Plans on file in office of clerk.

OAKLAND, Cal. — John Garden awarded contr. by council to const. sewer with manhole, lamphole and wye branches in portions of 6th Ave., involv. 10-in. pipe \$2 lin. ft.; 8-in. pipe \$1.80 lin. ft.; manhole \$80; lamphole \$18; wye branches, \$1.50 each.

OAKLAND, Cal. — Hutchinson Son, Hutchinson Bldg., Oakland, awarded contr. by council to imp. portions of High St. etc., involv. grading, 3.049 sq. ft. conc. curb, \$7.75 lin. ft.; conc. gutter, \$2.5 sq. ft.; oil macadam pave, \$11 sq. ft.; cem. walks, \$1.7 sq. ft.; wood culvert, \$1.80 lin. ft.; conc. inlet, \$50 each; 10-in. pipe with conc. cover covering \$2 lin. ft.; 10-in. pipe conduit without covering, \$1.50 lin. ft.; 14-in. pipe conduit, \$1.75 lin. ft.; storm water inlet \$50 each.

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BUEBANK, Cal.—City trustees declare inten. to imp. Alameda Ave. bet. Olive Ave. and the junction of Alameda and Riverside Dr. involving grading, conc. paving; wrought-iron water pipe, valves, hydrants, etc.; 1911 act. F. S. Webster, city clerk.

LOS ANGELES, Cal.—J. L. McClain, 3452 W. Slauson Ave., awarded contract by Bd. Pub. Wks. at \$42,365 to imp. Crenshaw Rd., bet. Washington St. and Adams St. involving grading at \$232.60 (pump sum); 160,196 sq. ft. conc. paving, 20c ft.; 3689 sq. ft. remod. oil surface, 7c ft.; 5745 sq. ft. curb, 5c ft.; 713 sq. ft. walk, 20c ft.; 122 sq. ft. gutter, 80c ft.; san. sewer, \$500; 2251 house sewers, \$1.50 ft.

HERMOSA BEACH, Cal.—Election will be held shortly to vote on \$200,000 bond issue for an ocean outfall. Victor H. Stahel, city engineer.

LOS ANGELES, Cal.—Until 10 a. m. Aug. 25, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act: Hollidge Dr., bet. Graciosa Dr. and 1433 ft. n. of Rutherford Dr. involv. 52-272 sq. ft. 5-in. conc. paving; 4675 ft. curb; san. sewer.

Burlington Ave., bet. First St. and 6th St., involv. 13,790 sq. ft. 8-in. asphalt paving (5-in. base, 1-in. binder and 2-in. surface); 408 sq. ft. 5-in. conc. paving; 2085 sq. ft. 2-in. bitum. base paving; 98,074 sq. ft. Warrenite-bitul. paving; 4295 sq. ft. gutter; 15,732 sq. ft. walks; 6479 sq. ft. gutter; 771 ft. hse. sewers; storm drain.

Alley w. of Wall St., bet. 51st and 52nd Sts., involv. 5074 sq. ft. 5-in. conc. paving; 12 ft. curb; 17.5 sq. ft. walk; 161 sq. ft. remod. oil surface.

OAKLAND, Cal.—Oakland Paving Co., 5000 Broadway, awarded contract by council to imp. portions of Orral Ave., involv. grading, .06 sq. ft; conc. curb, \$.80 lin. ft; conc. gutter, .27 sq. ft.; bituminous conc. pave, \$.21 sq. ft.

PORT BRAGG, Mendocino Co., Cal.—Christensen Const. Co., Palo Alto, at \$50,682 awarded contract by city trustees to pave various streets, involv. 138,204 sq. ft. surface grading; 195,828 sq. ft. 3 1/2-in. and 23,000 sq. ft. 2-in. asphalt conc. pavement; 150 tons asphalt conc. for leveling base under 2-in. pavement; 1754 lin. ft. conc. curb; 428 lin. ft. 10-in. and 102 lin. ft. 12-in. segmental curb; 144 lin. ft. corr. on culvert; 240 cu. ft. conc. in headwalks and aprons; 2 culvert manholes.

OAKLAND, Cal.—Heafey-Moore-McNair 2030 High St., Oakland, awarded contracts by council to imp:

Baxter St. from n.e. termination to Galindo St., excavation, \$1.20 cu. yd.; 3-in. curb, \$.20 lin. ft.; 3-in. gutter, \$.27 sq. ft.; oil macadam pave, \$.11 sq. ft.; cem. walks, \$.18 sq. ft.

17th Ave., bet. E-21st and E-23rd Sts., involv. excavation, \$.85 cu. yd.; conc. curb, \$.68 lin. ft.; conc. gutter, \$.26 sq. ft.; oil macadam pave, \$.11 sq. ft.; cem. walks, \$.16 sq. ft.; 8x24-in. corr. iron and conc. culvert, \$.425 lin. ft.; manholes \$15 each.

NEVADA STATE—Until Aug. 20 bids will be rec. by State Highway Commission, George W. Borden, chief engineer to grade, const. culverts and place gravel surface in White Pine county bet. 11th St., city of Ely and McGill. Plans on file at office of U. S. Bureau of Public Roads, 9 Main St., San Francisco and obtainable from commission on deposit of \$15, returnable.

LOS ANGELES, Cal.—Until 10 a. m. Aug. 11, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act: Tremont St., bet. Harrison Ave. and Ganahl St., involv. 360 sq. ft. 6-in. conc. paving; 53,718 sq. ft. oil and roll; 3295 sq. curb; 23,058 sq. ft. walk; 8958 sq. ft. gutter.

Crandall St., bet. Second St. and Park View St., involv. 133,345 sq. ft. 5-in. conc. paving; 791 sq. ft. asphalt paving; \$4.84 cu. yd. oiling and rolling; 3281 ft. curb; 52,431 sq. ft. walk; 7255 sq. ft. gutter; 95,790 sq. ft. 6-in. conc. paving; storm drain; san. sewer; 3701 ft. hse. sewer.

Alley e. of 2nd St., bet. Van Buren Pl. and Raymond Ave., involv. 3169 sq. ft. 5-in. conc. paving.

OAKLAND, Cal.—Bates and Borland, Oakland Bank Bldg., Oakland, awarded contracts by council to improve: Broadway Ave. Place from 59th Ave. to Weld St., etc., involv. grading, .02 sq. ft; conc. curb, \$.70 lin. ft; conc. gutter, \$.25 sq. ft.; oil macadam pave, \$.10 sq. ft.; cem. walks, \$.16 sq. ft.; 4x20-in. wood culvert, \$.1 lin. ft.; 8x24-in. corr. iron and conc. culvert, \$.430 lin. ft. curb, \$.70 lin. ft; conc. gutter, \$.25 sq. Fresno St., bet. Church and 73rd Ave., involv. excavation, \$.70 cu. yd.; conc. ft; oil macadam pave, \$.10 sq. ft; cem. walks, \$.16 sq. ft.

SAN LEANDRO, Alameda Co., Cal.—Aug. 18, 3 p. m., bids will be rec. by J. J. Gill, city clerk, to const. 6-in. sewer in Parrott St., from manhole in Hays St. to pt. 100 ft. s.w. of Washington Ave. Cert. check 10% payable to city recy. Plans on file in office of clerk.

NEVADA STATE—Until Aug. 20 bids will be rec. by State Highway Commission, George W. Borden, chief engineer, to grade, const. culverts and place crushed rock and gravel surface in Humboldt county U. S. Goldconda and 8.5 mi. east thereof. Plans on file at office of U. S. Bureau of Public Roads, 9 Main Street, San Francisco, and obtainable from commission on deposit of \$15, returnable.

LOS ANGELES, Cal.—Supervisors declare inten. to improve Center St., bet. Atlantic and Glenaude Aves., and Atlantic Ave., bet. Santa Barbara St. and Walnut St., under County Imp. No. 106, 3630 lin. ft. or .69 mi., involv. 3076 cu. yds. excav; 5333 lin. ft. curb; 44,263 sq. ft. gutter; 9596 sq. yds. 1 1/2-in. Tolepa top; 9806 sq. ft. 3 1/2-in. asphalt conc. base; 1571 sq. ft. cem. conc. walk. Est. contr. price \$37,964.65.

Inten. declared to imp. streets and alleys in Tr. 7861, involv. 4,001 cu. yds. excav.; 11,763 lin. ft. conc. curb; 54,337 sq. ft. walk; 601 sq. ft. 5-in. gutter; 30,293 sq. yds. d. g. pavement. Est. contract price, \$50,282.50. Tract 7861 includes portions of Bay St., 114th, 115th, 116th, 117th, 118th and 120th Aves., bounded on n.w. by Pico Blvd.

INGLEWOOD, Cal.—W. H. Goff, Box 624, Inglewood, awarded contract by city trustees at \$35,808 to imp. Hawthorne St., Edgewood St., Warren Lane and Ivy Ave., involv. 240,739 sq. ft. grading; 2.4c sq. ft. 1729 ft. curb 59c ft. 4213 sq. ft. walk 19c ft., culverts \$2000, 99-550 sq. ft. 6-in. conc. paving 20.5c sq. ft.; 12,870 sq. ft. 5-in. macad. 14c ft.; 18,831 sq. ft. class A ch. 4c ft., 70 water services, \$12 each.

GLENDALE, Cal.—F. R. Mosher 118 1/2 S Kenwood, Glendale, submitted low bid to council at \$7931 to imp. Grover St., Fourth St. and San Fernando Rd., involv. 50,800 sq. ft. grading; 4.0 ft. 31,250 sq. ft. macad. paving 9 1/2c ft. including headers; 10,020 sq. ft. walk 16c ft.; 2049 ft. curb 50c ft.; 1069 ft. 4-in. cast iron water pipe \$2990 complete. Cornell & Henderson 120 S Glendale Ave., Glendale low at \$7702 to improve Viola Ave. and Stocker St., involv. 36,025 sq. ft. grading 9c ft.; 36,025 sq. ft. 3-in. oil macad. paving including headers; 10,020 sq. ft. 4-in. vit. sewer pipe \$200; 2 junction chambers \$100 each; 2 lampholes \$30 each; 792 ft. 8-in. vit. sewer pipe \$1.15 ft.; 29 6-in. wyves and hse. connections \$22 each.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Third St., betw. 11th and 12th Sts., involv. 360 sq. ft. and pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous base; conc. walks, curbs, gutters; conc. house lateral drains. 1911 Act & Bond Act 1915. Protests Aug. 25. Wm. Popp, city eng.

NEVADA STATE—Until Aug. 20, bids will be rec. by State Highway Commission, George W. Borden, chief engineer, to grade, const. culverts and place Port. cem. conc. surface in White Pine county bet. 1st and 11th Sts., city of Ely. Plans on file at office of U. S. Bureau of Public Roads, 9 Main St., San Francisco and obtainable from commission on deposit of \$15, returnable.

LOS ANGELES, Cal.—Basich Bros., 2103 West 28th St., awarded contract by supervisors at \$65,619 to imp. Central Ave., bet. Manchester Ave. and n. city limits of Watts, 1.51 mi., under County Imp. No. 36, involv. 10,783 cu. yds. excav., 70c yd.; 26,491 cu. yds. conc. pavement, \$2.29 yd.; 7947 ft. shaping shoulders, 4c ft.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., 1514 H St., Fresno, at \$63,381 awarded contract to pave with conc. Cliff Dr. pavement to be 18-ft. wide, 5-in. thick. Complete list of bids follow:

Concrete Pavement	
W. J. Taylor	\$73,720
Thompson Bros.	63,385
General Const. Co.	71,422
Clark & Henery Co.	74,588
Tibbals-Perclval & Cress.	63,816
W. E. Miller	76,922
P. C. McIntyre	71,748
A. J. Grier	78,536
Downer & Mero	73,903
Granite Construction Co.	69,898

Macadam Pavement	
A. J. Grier	57,893
Granite Construction Co.	58,468
Asphalt Concrete Pavement	
Thompson Bros.	\$72,435
General Construction Co.	75,185
Clark & Henery	80,850
Granite Construction Co.	93,393
San Jose Paving Co.	82,359

Warrenite Pavement	
Thompson Bros.	\$82,435
General Construction Co.	79,935
Clark & Henery	80,850

San Jose Paving Co. 82,359

STOCKTON, San Joaquin Co., Cal.—Frederickson Bros., 1st. Natl. Bank Bldg., Stockton, at approx. \$7500 (conc. pipe) submits low bid to city council to const. storm water sewers in Pacific Manor. Plans were taken for 6100 pre-cast conc. pipe or vit. pipe, involv. 2700 lin. ft. 8-in. 520 lin. ft. 10-in. 921 lin. ft. 12-in. 1390 lin. ft. 14-in. 1102 lin. ft. 16-in. sewer pipe; 849 lin. ft. 20-in. pre-cast conc. pipe; 879 lin. ft. 21-in. vit. pipe; 279 lin. ft. 24-in. sewer pipe; 36 br. or conc. catchbasins; 14 4-ft. br. manholes; 7 5-ft. br. manholes.

STOCKTON, San Joaquin Co., Cal.—Until Aug. 25, 5 p. m. bids will be rec. by A. L. Banks, city clerk, to const. conc. curbs and walks in south side of Argonne Dr., bet. Pershing Ave. and Chateau Henry Dr., involv. \$1000 payable to City Auditor req. with bid. Plans obtainable from W. B. Hogan, city engineer.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to establish grades and imp. Boden Way, bet. Prospect Ave. and Beacon St., and portions of Beacon St., Prospect Ave. and Lakeshore Blvd., involv. grading; const. conc. curbs and gutters; pave with oil macadam; cem. walks; storm water drain; vit. pipe sewers; 4 br. manholes; vit. pipe lampholes; vit. wye branches. 1913 Act. Protests Sept. 11. W. W. Harmon, city eng.

STOCKTON, San Joaquin Co., Cal.—Until Aug. 25, 11 a. m. bids will be rec. by supervisors to grade and gravel John M. Perry Road, extending from intersection of Harding and Main Sts. to 1st St. and Cheroke lane at Sunny Side. Approx. 2000 ft. in length. F. E. Quail, county surveyor.

OROVILLE, Butte Co., Cal.—Until Aug. 18, bids will be rec. by E. J. Mitchell, city clerk, to imp. portions of Orange St., Harmon Ave., etc., involv. grade; pave with 2 1/2-in. asphalt conc. base with 1 1/2-in. Warrentite-Bit surface; conc. curbs, gutters; corr. iron culverts. 1911 Act & Bond Act 1915. S. J. Norris, city eng.

STOCKTON, San Joaquin Co., Cal.—Supervisors petitioned to imp. Union road in Castoria district south from Yosemite Ave. to the West Ripon road, approx. 4 mi. in length. F. E. Quail, county surveyor.

SAN CARLOS, San Mateo Co., Cal.—A. E. Downer, 705 E-Lindsay St., Stockton, at \$14,000 awarded contract to San Carlos Sanitary District to const. vit. sewers in portions of Glenwood, Sycamore Sts., etc.

LONG BEACH, Cal.—Until 9:30 A. M., Aug. 12, bids will be rec. by council to imp. Hill St., bet. American Ave. and California Ave., and portions of Elm Ave., Perkins Ave., Pasadena Ave. and Atlantic Ave., involv. Class B concr. curbs, walks, gutters, 8-in. corr. pipes, grading and paving and 9-in. corr. concr. pavement; 1911 act. R. D. Van Alstine, city engineer.

MARTINEZ, Contra Costa Co., Cal.—City Eng. B. H. Greene completes spec. to pave with oil macadam, 24-ft. wide, 1270 ft. of roadway from S. P. depot to approach of Martinez-Benicia ferry. Est. cost, \$3072.

VENICE, Cal.—City trustees declare intent to improve Pacific Ave. (Tralley-way) bet. 18th Ave. and a line of Short Line Beach Sub., involv. grading, 5-in. concr. paving with 2-in. asphalt concr. wearing surface, cem. concr. curbs, corr. iron culv., 5 manholes; res. of inten. No. 1712. T. H. Hanna, City Clerk.

MARTINEZ, Contra Costa Co., Cal.—City Eng. B. H. Greene preparing spec. for 8-in. sewer extension from S. P. depot to Carquinez Straits and construction of sump in Howard St. Former will cost \$2775, the latter \$2065.

STOCKTON, San Joaquin Co., Cal.—Clark and Henry Const. Co., Chancery Bldg., San Francisco, at \$15,525.32 awarded contract to council to imp. portions of North El Dorado St., involv. J. E. Johnson, Stockton, (a) 1929 cu. yds. cut; (b) 40 cu. yds. fill, 12 ft. curb lin. ft. conc. surface; (c) 1630 lin. ft. curb lin. ft. conc. surface; (d) 8309 sq. ft. walks; (f) 44-148 sq. ft. 6-in. pave of 4-in. rock base with 2-in. asphalt concr. surface; (g) 17-669 sq. ft. 5-in. pave, 3-in. concr. 2-in. asphalt concr. surface; (h) 624 lin. ft. 4-in. drain tile; (i) 18-ft. 8-in. pipe; (j) catchbasin. Unit bid of Clark and Henry follows: (a) \$.70; (b) \$.40; (c) \$.80; (d) \$.1; (e) \$.20; (f) \$.135; (g) \$.165; (h) \$.40; (i) \$.90; (j) \$.19.

SACRAMENTO, Cal.—County Surveyor or Chas. Denton, preparing spec. to gravel cut-off road between Vineland and Rio Linda.

MANHATTAN BEACH, Cal.—City trustees declare intent to imp. Morning-side Dr. bet. Center St. and first alley S. and portions of streets bet. Second and 11th Sts., etc., involv. 5-in. concr. paving, class "A" curbs, walks; 1911 act. Llewellyn Price, city clk.

OROVILLE, Butte Co., Cal.—F. E. Whitlock & Son, Chico, at \$2,663.50 submits low bid to supervisors to grade Ramsey Barkimshew road.

MANHATTAN BEACH, Cal.—Until 8 p. m., August 21 bids will be rec. by city trustees to imp. 36th St. bet. The Strand and Highland Ave., involv. grading, 5-in. concr. paving, class A curbs, walks, ornarn. lighting system; 1911 act. Llewellyn Price, city clk.

WOODLAND, Yolo Co., Cal.—Until Sept. 2, bids will be rec. by county supervisors to pave with macadam, 8 mi. of road between Clarksburg and Freepore. Spec. on file in office of county clerk.

GLENDALE, Cal.—Council declares intent to improve Cerritos Ave. betw. Garden Ave. and San Fernando Rd., etc., involv. grading, 5-in. oil macadam curbs, walks, 8-in. corr. pipe, 8-in. corr. sewer, hse. connections, etc.; 1915 imp. bond act. A. J. Van Wie, city clerk.

SALINAS, Monterey Co., Cal.—Supervisors reject bid of Granite Construction Co. at approx. \$5910 to eliminate death turn at Moss Landing. Work will be done by force account. Howard Cozens, county surveyors.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler preparing spec. to pave Fremont Ave. with 5-in. concr. 12-ft. wide. Plans have been ordered to pave with oil macadam, Emory St., in Supervisor Dist. No. 4.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. to imp. Pine Ave., bet. Hick and Lincoln Aves., oil macadam; Minnesota Ave., bet. Lincoln and Northern Rds.; Almaden Ave., from Richmond Rd. to McKean Rd. in supervisor Dist. No. 4; Piercy Rd. in Supervisor Dist. No. 2, and Pershing Ave. in Supervisor Dist. No. 4.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, at \$65,000, oil macadam pavement, awarded contract by supervisors to imp. Watsonville road in Supervisor Dist. No. 1. Bids were: Ralsch Imp. Co., asphalt, conc., \$109,990; Granite Constr. Co., oil macadam, \$70,803.55; San Jose Paving Co., oil macadam, \$65,000; asphalt, conc., \$104,500; Blumenkranz & Vernon, oil macadam, \$15,250; Federal Paving Co., asphalt, conc., \$109,900. Surveyor's est. oil macadam, \$69,460; asphalt, conc., \$105,000.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Westmoreland Ave., bet. 7th and 9th Sts., involv. 1380 cu. yds. cut; 1379 sq. ft. asphalt paving conc. 1-in. paint binder, and 2-in. asphalt surface; 10,816 sq. ft. 6-in. conc. paving; 33,083 sq. ft. Warrentite paving (3/4-in. bitum. base, 1 1/2-in. surface); 189 ft. curb; 386 sq. ft. walk; 1873 sq. ft. gutter; storm drain; 60 ft. hse. sewers; 1520 sq. ft. asphalt remodeling, were:

G. R. Curtis Paving Co., Inc.—\$350 grading; 330c asphalt paving; 25.8c conc. paving; 28.4c Warrentite-bitul. paving; 11 curb; 22c walk; 31c gutter; \$1500 storm drain complete; 1.75 hse. sewers; 14c asphalt remodeling.

L. A. Oswald—\$3475 grading; 32c asphalt paving; 27c conc. paving; 26.5c Warrentite-bitul. paving; 90c curb; 25c walk; 32c gutter; \$1400 storm drain; \$2 hse. sewers; 15c asphalt remodeling. Geo. H. Oswald—\$300 grading; 30c asphalt paving; 26c conc. paving; 26c Warrentite-bitul. paving; 80c curb; 23c walk; 31c gutter; \$1450 storm drain; \$2 hse. sewers; 15c asphalt remodeling. W. Warren Constr. Co.—\$3260 grading; 29.5c asphalt paving; 26c conc. paving; 25.8c Warrentite-bitul. paving; 90c curb; 23c walk; 33c gutter; \$1290 storm drain \$2 hse. sewers; 15c asphalt remodeling.

SAN JOSE, Santa Clara Co., Cal.—W. A. Dontanville, Salinas, at \$1344, only bidder, awarded contract by supervisors to imp. Santa Cruz Ave. in Town of Los Gatos. Surveyor's estimate, \$13,700.

VENICE, Cal.—Until 10 A. M., Aug. 12, bids will be rec. by city trustees to imp. Penmar Ave., etc., involv. grading, cem. conc. paving (with asphalt expansion tiles), curbs, walks and asphalt manholes; res. of inten. No. 712. T. H. Hanna, City Clerk.

SANTA BARBARA, Cal.—E. H. Hunt, 1725 San Andres St., Santa Barbara, awarded contract by council to imp. Laguna St., bet. Carrillo and Figueroa Sts., involv. 5-in. cem. conc. pavement, incl. grading, at 26c sq. ft. curb at 75c lin. ft., lateral side concrete, at \$30 each, storm drain complete, \$65.

SAN JOSE, Santa Clara Co., Cal.—John Doyle, 660N-Tenth St., San Jose, at \$4632 submits only bid to supervisors to imp. Martin Ave. in Supervisor Dist. No. 4. Surveyor's estimate \$4,937 conc. pavement; \$4,556 asphaltic. John Doyle only bidder at \$2787 (hyd. conc.) to imp. Mariposa Ave. in Supervisor Dist. No. 4. Surveyor's estimate, \$2900 conc. pavement; \$2787 asphalt conc. Bids taken under advisement. Robt. Chandler, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—No bids rec. by supervisors to imp. San Tomas Aquino Road in Sup. Dist. No. 4; est. cost, \$2700.

No bids rec. to imp. Fleming Ave. in Supervisor Dist. No. 3, surveyor's estimate, \$9800.

Work ordered done by day labor under supervision of Robt. Chandler, County Surveyor.

BAKERSFIELD, Kern Co., Cal.—County Surveyor J. R. Thornton, making surveys to pave main business street in town of Fellows.

SALINAS, Monterey Co., Cal.—Bids will be asked at once by M. R. Keef, city clerk, to const. sewer extension in Capitol St. and Central Ave. Bids will probably be opened Aug. 13. Howard Cozens, city eng.

LOS ANGELES, Cal.—C. E. Green, 413 Western Mutual Life Bldg., submitted low bid to Bd. Pub. Wks. at \$63,298 to const. storm drain in Mesa St., bet. O'Farrell and Third Sts. Bids ther. were: Chas. T. Salata, \$67,450; Tom Gogo and T. P. Rados, \$68,400; D. A. Foley & Co., \$77,350; M. Simunovich, \$78,473; Heafey, Moore & McInair, \$78,522.65; P. S. Tomich, \$79,000; United Const. Pipe Co., \$79,057; Griffith Co., \$84,000; Will F. Peck, \$85,000; S. Zarubica and B. P. Radich, \$86,000; Thomas Haverly Co., \$87,350; Adam Dalmatin, \$88,000.

Tom Gogo and L. Rados & Co., 705 Bernard St., low bidder at \$13,039 to const. sewer in 8th Ave., bet. 94 ft. s of Slauson Ave. and a point 320 ft. s.

STOCKTON, San Joaquin Co., Cal.—Frederickson Bros., 1st Natl Bank Bldg. Stockton, at \$7548.34 awarded contract by council to const. storm water sewers in Pacific Manor district.

SAN JOSE, Santa Clara Co., Cal.—Supervisors reject bids to haul waste material for Mountain View-Alv. road and work orders by day labor. Bids were: Siefert & Jensen, \$28; E. C. Merrill, \$125 yd. Robt. Chandler, County Surveyor.

SANTA ANA, Cal.—Until 11 A. M., Aug. 12, bids will be rec. by supervisors to imp. 4.7 mi. highway from north end of Huntington Beach Blvd. west to Los Alamitos Bldg. involv. 3400 cu. yds. excav.; 24,190 lin. ft. shooing; 4350 cu. yds. gravel unload and haul from cars; 4350 cu. yds. gravel haul from county pit at Olive. Cash job. J. L. McBride, county road commissioner.

BAKERSFIELD, Kern Co., Cal.—City council plans early paving of 24th St., bet. M and Union Ave., and Union Ave. from 4th St. north to California, and thence along California Ave. to Baker St. Pavement will probably be 3 1/2-in. asphalt conc. base with 1 1/2-in. Warrentite surface. County will pay portion of cost. W. D. Clark, city Engineer.

LOS ANGELES, Cal.—Western Construction Co., 1211 Low State Bldg., awarded contract by Bd. Pub. Wks. at \$32,282 to imp. Beachwood Dr., bet. Glen Oak and Winans Dr., involv. grading at \$2556 (lump sum); 121,183 sq. ft. conc. paving 2-in. rock, 2-in. curb 55c ft.; 18,907 sq. ft. curb walk 17c sq. ft.

STOCKTON, San Joaquin Co., Cal.—Following bids rec. by council to imp. portions of North El Dorado St.: J. E. Johnston, Stockton, (a) 1929 cu. yds. cut, \$.70; (b) 40 cu. yds. fill, \$.40; (c) 1630 lin. ft. curb, gutter, \$.1; (e) 8309 sq. ft. walks, \$.20; (f) 44,148 sq. ft. 6-in. pave of 4-in. rock base with 2-in. asphalt conc. surface, \$.18; 128 sq. ft. 5-in. corr. pipe, 2-in. asphalt conc. surface, \$.17; (h) 624 lin. ft. 4-in. drain tile, \$.20; (i) 18-ft. 8-in. pipe, \$.90 (j) 1 catchbasin, \$.19.

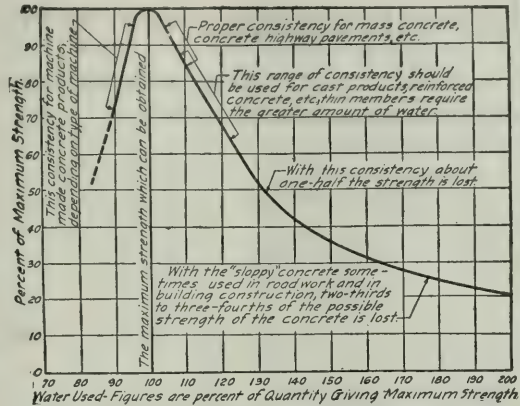
Clark and Henry Const. Co., San Francisco, at \$29.70; (b) \$.40; (c) \$.80; (d) \$.1; (e) \$.20; (f) \$.135; (g) \$.165; (h) \$.40; (i) \$.90; (j) \$.19.

Taken under advisement. W. B. Hogan, city engineer.

CHICO, Butte Co., Cal.—Until Aug. 14, 5 p. m., bids will be rec. by Chas. H. Campbell, sec. Board of Education, to fur. (1) chassis for school bus, capacity of 45 pupils; (2) for furnishing body only; (3) furnish complete bus. Further information obtainable from secretary.

HERMOSA BEACH, Cal.—Until 8 P. M., Aug. 12th, bids will be rec. by city trustees to imp. Prospect Ave. bet. Pier Ave. and city limits of Redondo, involv. 30,000 sq. yds. 6-in. concrete pavement; 6890 lin. ft. Class A concr. curb; 10,733 ft. Class B concr. curb; 29,930 cu. yds. cut. Victor H. Staheli, city engr. Bids recd. July 29 were rejected.

When One Pint of Water Wastes Two Pounds of Cement



Effect of Quantity of Mixing Water on the Compressive Strength of Concrete
NOTE: In general construction, the maximum strength can rarely be obtained, but it is possible to obtain 70 to 90 per cent of the maximum strength without additional expense by restricting the quantity of mixing water.

Observe this curve closely. It shows impressively the effect of the quantity of mixing water on the strength of concrete.

It is now known that excess mixing water, not only weakens concrete, but that it is actually wasteful of cement. One pint of water more than necessary in a one-bag batch decreases the strength and resistance to wear as much as though two or three pounds of cement were left out.

Here is a fact, which if brought home to the superintendent and the foreman, can be of great practical value in raising quality on the job.

Wouldn't you like to have, right at hand for quick reference, a practical manual which tells how the quantity of mixing water can be closely controlled, so as to give concrete greater strength without using any more cement?

Then write today for our free booklet, "Concrete Data for Engineers and Architects." We will be glad to send you extra copies for superintendents and foremen.

Take full advantage of the service the Portland Cement Association has to offer. One of the District Offices of the Association is always near you. Get acquainted with it.

PORTLAND CEMENT ASSOCIATION

A National Organization to Improve and Extend the Uses of Concrete



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| Charlotte, N. C. | Indianapolis | Minneapolis | Philadelphia | St. Louis |
| Chicago | Jacksonville | New Orleans | Pittsburgh | Vancouver, B. C. |
| Dallas | Kansas City | | Portland, Ore. | Washington, D. C. |

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3315	Paulson	Johnson	14000
3316	Gantner	Collman	26000
3317	Winger	Carlson	4000
3318	Anglo	Hotchner	2900
3319	Standard	Chahil	2000
3320	Levy	Owner	4002
3321	Nelson	Owner	6000
3322	Hohmgren	Owner	3000
3323	Wolansky	Carlson	4000
3324	Ponzini	Owner	6000
3325	Ponzini	Owner	6000
3326	Bjorner	Owner	6000
3327	Kshia	Kincannon	25000
3328	Mitchell	O'Neill	2000
3329	Glenon	Hantzhe	5000
3330	Davis	Owner	5000
3331	Harms	Pearson	1000
3332	Garbini	Delaney	1400
3333	Neergard	Petersen	1000
3334	Kugeler	McCarthy	9000
3335	Skelly	Meyer	4523
3336	White	Cox	500
3337	Arburua	Monson	21505
3338	Paulson	Johnson	14216
3339	Santini	Owner	26000
3340	Meyer	Owner	6000
3341	Brown	Hallgren	5000
3342	Vodden	Owner	6000
3343	Remedial	Federal	1000
3344	Diridon	Owner	1000
3345	Brown	Hallgren	5000
3346	Crocker	Owner	6500
3347	Meyer	Owner	2000
3348	Marckley	Coburn	7650
3349	Irvine	Meyer	4796
3350	Silverstein	Saari	6000
3351	Casey	Purcell	18000
3352	Crocker	Owner	6500
3353	Vetrano	Owner	3500
3354	Nelson	Owner	3000
3355	Woods	Owner	3000
3356	Casey	Doughart	3000
3357	Thomas	Owner	8000
3358	Gerlach	Owner	4000
3359	Firemen's	MacDonald	15000
3360	Henry	Henry	1500
3361	Wardell	Kempton	2000
3362	Martens	Meinberger	1271
3363	Crocker	Montgomery	14750
3364	Simon	McCarthy	4770
3365	Giugni	Flibotte	2190

3366	Wynne	Coburn	1000
3367	McGowern	Montgomery	9016
3368	Haggans	Owner	3000
3369	Morton	Howard	3000
3370	Johnson	Owner	4000
3371	Judman	Co-Operative	3800
3372	Sealan	Owner	5000
3373	Bullo	Owner	4000
3374	Garibaldi	De Bendetti	4600
3375	Damonte	Co-Operative	6000
3376	Dunnigan	Thomas	4000
3377	Reynolds	Thomas	4000
3378	Standard	Miller	6000
3379	Fleishacker	Taylor	51500
3380	Pucini	Meyer	1000
3381	Pacific	Ralston	40550
3382	Wohrden	Horstmeyer	5977
3383	Johnson	Owner	8000
3384	Kittle	Vogt	18750
3385	Cra	Owner	15000
3386	Baker	Dabinett	5000
3387	Martin	O'Neill	4000
3388	Purcell	Nilson	2000
3389	McGeough	Swenson	7000
3390	Ogle	Owner	12000
3391	O'Brien	Montgomery	9016
3392	McGovern	United	49401
3393	Pacific	Morris	12000
3394	Bullwinkel	Sartorius	32500
3395	Medico	Jones	11389
3396	Bebo	Mazzucchi	17750
3397	Torrelli		

APARTMENTS

(3315) W BUCHANAN 34-6 N Her-
man. 2-story frame apartments.
Owner—R. M. Paulson, 3831 17th St.,
San Francisco.
Architect—O. R. Thayer, 110 Sutter St.,
San Francisco.
Contractor—Joel Johnson, Builders Ex-
change, S. F. \$14,000

UNDERTAKING PARLORS

(3316) SE MARKET AND DUBOCE.
2-story frame undertaking parlor.
Owner—Gantner Bros., 424 Guerrero St.,
San Francisco.
Architect—Walter C. Falch, Hearst
Bldg., San Francisco.
Contractor—A. D. Collman Co., 130 Jes-
sie St., S. F. \$26,000

ALTERATIONS

(3317) S W COR. FILLMORE AND
Sacramento. Alter store.
Owner—Sam Winger.
Architect—C. A. Clausen, Hearst Bldg.,
San Francisco.
Contractor—P. S. Carlson, 1456 Willard
San Francisco. \$4000

ALTERATIONS

(3318) SW ELLIS & MARKET. Alter
Bank.
Owner—Anglo California Trust Co.,
Market and Sansome, San Fran-
cisco.
Architect—None.
Contractor—Hotchner Bros., 200 9th St.
San Francisco. \$2900

ALTERATIONS

(3319) NW NINTH AND BRANNAN.
Alter warehouse.
Owner—Standard Sanitary Mfg., 149
Bluxome, San Francisco.
Architect—Jno. E. Leonard, 381 Bush
St., San Francisco.
Contractor—Cahill Bros., 55 New Mont-
gomery, San Francisco. \$2000

DWELLING

(3320) N ULLOA 57-6 E 28th Ave. 1-
story frame dwelling.
Owner—Aaron B. Levy, 2559 29th Ave.,
San Francisco.
Architect—None. \$4000

DWELLINGS

(3321) W THIRTY-SECOND 30 60 N
Irving. Two 1-story frame dwlg.
Owner—F. Nelson & Sons. \$3000 each
Architect—None.

DWELLING

(3322) NW FLORENTINE & MORSE.
1-story frame dwelling.
Owner—Victor Hohmgren.
Architect—None. \$3000

DWELLING

(3323) W TWENTY-SEVENTH AVE.
312 N Cabrillo. 1-story frame dwlg
Owner—Louis Wolansky.
Architect—None.
Contractor—P. S. Carlson, 1456 Willard
San Francisco. \$4000

DWELLING

(3324) E MOLTON 125 W Buchanan.
2-story frame dwelling.
Owner—J. Ponzini, 150 Magnolia, S. F.
Architect—None. \$6000

FLATS

(3325) N GREENWICH 125 N Bu-
chanan. 2-story frame flats.
Owner—J. Ponzini, 150 Magnolia, S. F.
Architect—None. \$6000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

(FIRE
SURETY BONDS
CASUALTY)

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

FLATS
(3326) SE SEVENTH AVE & JUDAH.
Two-story and basement frame (40)
flats
Owner—W. Bjornet, 825 Monadnock
Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco. \$10,000

FLATS
(3327) N FRANCISCO 135 W Van Ness
Ave. Three-story and basement
frame (6) flats
Owner—John Eshia, 517 Monadnock
Bldg., San Francisco.
Architect—O'Brien Bros., Inc., 315
Montgomery St., San Francisco.
Contractor—Kineannon & Walker, 275
Russ Bldg., S. F. \$25,000

REPAIRS
(3328) NO. 1453 SIXTH AVE. Repair
fire damage to residence.
Owner—J. P. Mitchell, Premises.
Architect—None.
Contractor—Daniel O'Neill, 273 Minna
St., San Francisco. \$2000

RESIDENCE
(3329) SW BURNIA VISTA AVE 5712 E
Saw Park Hill Ave. Two-story and
basement frame residence.
Owner—Blanche Glennon, 616 Guerrero
St., San Francisco.
Architect—Walter Falch, Hearst Bldg.,
San Francisco.
Contractor—Max Hantzsh, 445 32nd
Ave., San Francisco. \$5000

ALTERATIONS
(3330) NO. 1111 PINE. Remodeling
apartment.
Owner—J. J. Davis, Los Angeles.
Architect—R. R. Irvine, 736 Call Bldg.,
San Francisco. \$5000

ALTERATIONS
(3331) 1668 MISSION STREET. Shore
and underpin building with brick
Owner—Gus W. Harms, 1668 Mission
St., San Francisco.
Architect—None.
Contractor—Pearson and Johnson, 2031
Bryant St., San Francisco. \$1000

ADDITION
(3332) 3873 CALIFORNIA STREET.
2-room addition for flats.
Owner—Mrs. P. Garbini, 3873 Cali-
fornia St., San Francisco.
Architect—None.
Contractor—Chas. S. Delaney 2415 Bush
St., S. F. \$1400

STORE FRONT
(3333) NE HAIGHT AND SCOTT STS.
New store front.
Owner—Fred Neergard, 208 Scott St.,
San Francisco.
Architect—None.
Contractor—Peterson & Persson, 180
Jessie St., S. F. \$1000

BUILDINGS
(3334) W TWENTY-FOURTH AVE.
225 S Judah S 50 x W 120. All work
for 1-story and basement frame
buildings.
Owner—Henry G. and Florence A.
Kugeler, 107 Milton, S. F.
Architect—John E. McCarthy, 1479 12th
Ave., San Francisco.
Contractor—John E. McCarthy, 1479
12th Ave., San Francisco.
Filed Aug. 1, 1924. Dated July 31, 1924.
On signing contract \$ 400
Enclosed 2150
Brown coated 2150
Completed and accepted 2150
Usual 35 days 2150
TOTAL COST, \$9000
Bond, Forfeit, none; Limit, 90 days;
Plans and specifications filed.

DWELLING
(3335) E THIRTY-SECOND AVE. 250
S Gary N 25 x E 120. All work
for 1-story and basement frame
dwelling.
Owner—Skelly Estate Co.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., San Francisco.
Filed Aug. 1, 1924. Dated July 29, 1924.
Roof sheathing on \$1132
Brown coated 1132
Completed and accepted 1132
Usual 35 days 1132
TOTAL COST, \$4528
Bond, Forfeit, none; Limit, 90 days;
Plans and specifications, none.

STORE BLDG.
(3336) E NINTH AVE. 150 S Irving.
All work for 1-story frame store
building.
Owner—Mrs. Minnie White, 1285 28th
Ave., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave.,
San Francisco.
Filed Aug. 1, 1924. Dated —
Frame up \$1250
Brown coated 1250
Completed and accepted 1250
Usual 35 days 1250
TOTAL COST, \$5000
Bond, Forfeit, None; Limit, 90 days;
Plans and specifications filed.

BUILDING
(3337) N FELL 100 W POLK — 48 x N
137-6. All work except plumbing,
electric wiring and heating for 2-
story reinforced concrete bldg.
Owner—Jos. M. Arbura and John Mc-
Innes, 1190 Market St., S. F.
Architect—Creston H. Jensen, 74 New
Montgomery, San Francisco.
Contractor—Monson Bros., 251 Kearny,
San Francisco.
Filed Aug. 1, 1924. Dated July 30, 1924.
10th each month 75%
Usual 35 day s 25%
TOTAL COST, \$21,585
Bond, \$11,000; Sureties, Chas. Monson;
S. L. Forsyth; Forfeit, \$5; Limit, 100
days; Plans and specifications filed.

APT. HOUSE
(3338) W BUCHANAN 34-6 N HER-
man N 30 x W 90. All work except
plumbing, heating, painting, electric,
wall beds, finish hardware,
light fixtures and shades for 2-
story and basement frame apart-
ment house.
Owner—P. M. Paulson and Mrs. Jennie
Paulson, 3331 17th St., S. F.
Architect—O. R. Thayer, 110 Sutter St.,
San Francisco.
Contractor—Joel Johnson & Son, Build-
ers Exchange, San Francisco.
Filed Aug. 1, 1924. Dated July 30, 1924.
Roof on \$3554
Brown coated 3554
Completed and accepted 3554
Usual 35 days 3554
TOTAL COST, \$14,215
Bond, Sureties, none; Forfeit, \$10; Lim-
it, 90 days; Plans and specifications
filed.

(3350) E GOTTINGEN 100 125 S Fel-
ton. 2 1-story and basement frame
dwellings.
Owner—Louis Silverstein, 2471 San
Bruno Ave., San Francisco.
Architect—None.
Contractor—S. Saari, 200 Felton St.,
San Francisco. \$3000 each

(3351) N 17th 110-3 E Guerrero. 2-sto
and basement frame (6) apts.
Owner—Thomas & Katherine Casey,
3376 24th St., San Francisco.
Architect—John J. Foley, 770 5th Ave.
Contractor—J. S. Purcell, 850 Presidio
Ave., S. F. \$18,000

DWELLING
(3352) NW DRAKE AND WINDING
Way. 2-story and basement frame
dwelling.
Owner—Crocker Estate Co., 525 Crocker
E'dg., San Francisco. \$6500
Architect—None.

DWELLING
(3353) E DIAMOND 222-6 S 20th. 1-
story and basement frame dwelling
Owner—C. A. Vetrano, 2104 Folsom St.,
San Francisco. \$3500
Architect—None.

DWELLING
(3354) NW IRVING AND THIRTY-
second Ave. 1-story and basement
frame dwelling.
Owner—F. Nelson & Sons, 2 West Por-
tal Park, San Francisco. \$3000
Architect—None.

DWELLING
(3355) E CAPISTRANO 25 N San Juan
1-story and basement frame dwlg.
Owner—Olson Woods, 336 Granada Ave
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$1000

DWELLING
(3356) W WHITNEY 10-14 E Randall
1-story and basement frame dwlg.

Owner—James Casey, 203 Randall St.,
San Francisco.
Architect—None.
Contractor—A. R. Doughart, 180 Jessie
St., San Francisco. \$3000

FLATS
(3357) E TWENTY-SIXTH AVE. 250
S Geary. 2-story and basement
frame (2) flats.
Owner—J. C. Thomas, 1421 Balboa St.,
San Francisco.
Architect—None. \$8000

DWELLING
(3358) NE THOMAS 165 SE Keith.
1-story and basement frame dwlg.
Owner—Amelia L. Gerlach 1227 Coombs
St., Napa, Cal.
Architect—None. \$4000

ADDITION
(3357) SW CALIFORNIA & SANSOME
Sts. One-story addition for offices
and private cafeteria quarters.
Owner—Firemen's Fund, Sansome &
California Sts., S. F.
Architect—Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor—MacDonald and Kahn, 130
Montgomery St., S. F. \$15,000

RESIDENCE
(3360) 1667 NINTH AVE. Raise and
make alterations for residence.
Owner—P. N. and Hilda A. Henry, 1667
9th Ave., San Francisco.
Architect—None.
Contractor—F. N. Henry, 1667 9th Ave.,
San Francisco. \$1500

DWELLING
(3361) SW VIRGINIA 60 NW Cole-
ridge. 1-story and basement frame
dwelling.
Owner—Josephine M. Wardell, 24 Vir-
ginia Ave., S. F.
Designer and Contractor—A. H. Kemp-
torne, 1660 48th Ave., S. F. \$2000

FLATS
(3362) E BARTLETT 130 N 26TH. N
32-6 E 117-6. All work for 2-story
and garage frame flat building.
Owner—Otto and Johanna Martens,
3225 22nd St., S. F.
Architect—None.
Contractor—H. S. Meinberger, 653 15th
Ave., S. F.
Filed Aug. 4, 1924. Dated Aug. 1, 1924.
Rough frame up \$357.75
1st coat plaster on 357.75
Completed and accepted 357.75
Usual 35 days 357.75
TOTAL COST, \$1,421.75
Bond, sureties, forfeit, none. Limit,
110 days. Plans and specifications not
filed.

VENTILATING, ETC.
(3363) COR. GEARY AND POWELL.
All work for eight ozone ventilat-
ing assemblies including wiring
dehydrated plants, etc., for hotel
building.
Owner—Crocker Hotel Co., Shreve
Bldg., S. F.
Architect—Eliss & Faville, Balboa
Bldg., S. F.
Contractor—Montgomery Bros., 61 Fre-
mont St., S. F.
Filed Aug. 4, 1924. Dated July 25, 1924.
On delivery of goods 40%
When installed 40%
Usual 35 days 25%
TOTAL COST, \$14,750
Bond, sureties, none. Forfeit, \$10.00
per day. Limit, Dec. 1, 1924. Plans
and specifications filed.

FRAME BLDG.
(2364) E THIRTY-SIXTH AVE. 175 S
Lincoln Way S 25 x E 120. All
work for 1-story and basement
frame bldg.
Owner—Constant G. and Velma R. Si-
mon, 64 Hancock, S. F.
Architect—C. G. Simon, 64 Hancock,
San Francisco.
Contractor—John E. McCarthy, 1479
12th Ave., S. F.
Filed Aug. 4, 1924. Dated July 31, 1924.
Enclosed \$1192.50
Brown coated 1192.50
Completed and accepted 1192.50
Usual 35 days 1192.50
TOTAL COST, \$4770
Bond, \$2385, Sureties, Chas. J. McCar-
thy and P. J. Sullivan Jr. Forfeit,
none. Limit, 90 days after Aug. 1, '24.
Plans and specifications filed.

LATHING, ETC.

(3365) W FRANKLIN 125 N Chestnut N 37-6 x W 100. All work for lathing and plastering for bldg. Owner—Celeste Guigni, 736 Call Bldg., San Francisco.
 Architect—Richard R. Irvine, 736 Call Bldg., S. F.
 Contractor—Charles Filibotte, 1415 Lincoln St., S. F.
 Filed Aug. 4, 1924. Dated July 24, 1924.
 Brown coated \$1095.00
 Completed and accepted 547.50
 Usual 35 days 547.50
TOTAL COST, \$2190
 Bond, sureties, forfeit, none. Limit, 90 days after June 16, 1924. Plans and specifications filed.

DWELLINGS

W TWENTY-FOURTH AVE., 225 and 250 S Judah. Two 1-story and basement frame dwellings.
 Owner—Henry G. Kugeler, 107 Milton St., S. F.
 Architect—None.
 Contractor—John E. McCarthy, 1479 12th Ave., S. F. \$3000 each
 NOTE—Recorded contract reported Aug. 2, 1924, No. 3334.

FLATS

(3339) NE GRANT AVE & GREEN-lich. Three-story and basement frame (9) flats.
 Owner—L. N. Santini & E. Giampolini, 619 Washington St., S. F.
 Architect—J. A. Porporato, 619 Washington St., S. F. \$26,000

DWELLINGS

(3340) N HOLLOWAY 75 and 100 W Faxon Ave. Two one-story and basement frame dwellings.
 Owner—Meyer Bros., 1 Montgomery St., San Francisco. \$3000 each
 Architect—None.

(3341) W NINTH AVE 100 N Lawton Two-story and basement frame (2) flats.
 Owner—P. Ward Brown, 3582 17th St., San Francisco.
 Architect—None.
 Contractor—August Hallgren, 311 Hayes St., San Francisco. \$5000

DWELLINGS

(3342) E FORTY-SECOND AVE 125 and 150 N Fulton. Two one-story and basement frame dwellings.
 Owner—Walter G. Voddén, 1135 Cabrillo St., San Francisco.
 Designer—Walter G. Voddén, 1135 Cabrillo St., San Francisco.
 Contractor—Walter G. Voddén, 1135 Cabrillo St., S. F. \$3000 each

(3343) NO. 1235 VAN NESS AVE. Erect double faced swinging electric sign.
 Owner—Remedial Auto Finance Co., Premises.
 Architect—None.
 Contractor—Federal Elec. Co., 91 New Montgomery St., S. F. \$1000

ALTERATIONS

(3344) NO. 581 SOMERSET AVE. Re-model interior of residence.
 Owner—M. Diridon, 511 Somerset Ave., San Francisco.
 Architect—None. \$1000

FLATS

(3345) W NINTH AVE 100 N Lawton. Two-story and basement frame (2) flats.
 Owner—P. Ward Brown, 3582 17th St., San Francisco.
 Architect—None.
 Contractor—August Hallgren, 311 Hayes St., S. F. \$5000

DWELLING

(3346) NE DRAKE AND WINDING Way. Two-story and basement frame dwelling.
 Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
 Architect—None. \$6500

DWELLING

(3347) E THIRTY-SECOND AVE 250 N Geary. One-story and basement frame dwelling.
 Owner—Meyer Bros., 1 Montgomery St., S. F. (for J. C. Skelley).
 Architect—None. \$3000

BUILDING

(3348) E TWENTY-SEVENTH AVE 57-6 S Balboa S 25xE 100. All work for one-story and basement frame building.

Owner—C. A. and Minnie Marckley, 180 Jessie St., San Francisco.
 Plans by Contractor.
 Contractor—Chas. Coburn, 180 Jessie St., San Francisco.
 Filed Aug. 2, '24. Dated Aug. 1, '24
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$7690
 Bond, \$7845. Sureties, J. A. Stabegger and Val Meinberger. Limit, forfeit, none. Plans and specifications filed.

DWELLING

(3349) E FORTIETH AVE 100 N Balboa N 25XE 120. All work for one-story and basement frame dwelling.
 Owner—Henry I. and Martin Irving. Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
 Filed Aug. 2, '24. Dated July 31, '24.
 Roof sheathing on \$1199
 Brown coated 1199
 Completed 1199
 Usual 35 days 1199
TOTAL COST, \$4796
 Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALTERATIONS

(3366) NO. 3484 EIGHTEENTH. Replace rustic; tar and gravel roofing, painting, etc.
 Owner—Mrs. Wynne, 3484 18th St., San Francisco.
 Architect—None.
 Contractor, Chas. Coburn, 180 Jessie St., San Francisco. \$1000

RESIDENCE

(3367) E GOUGH 50 N Lombard. Two-story and basement frame residence.
 Owner—John J. McGovern, 1726 Hyde St., San Francisco.
 Architect—Shea & Shea, 454 Montgomery St., San Francisco.
 Contractor—E. J. Montgomery, 1320 Broadway, S. F. \$9016

DWELLING

(3368) E THIRTY-EIGHTH AVE 75 S Cabrillo. One-story and basement frame dwelling.
 Owner—Chas. Haggans, 3685 Cabrillo St., San Francisco. \$3000
 Architect—None.

DWELLING

(3369) E NINETEENTH AVE 70 S Anza. One-story and basement frame dwellings.
 Owner—Robert S. Morton, 2972 Bush St., San Francisco.
 Architect—None.
 Contractor—Joseph Howard, 118 8th Ave., San Francisco. \$3000

STORES

(3370) S McALLISTER 136 W Gough. One-story brick stores.
 Owner—Manfred Johnson, 2230 Stanyan St., San Francisco.
 Architect—None. \$4000

DWELLING

(3371) E VERMONT 50 N Mariposa. One-story and basement frame dwelling.
 Owner—Matt Judnich, 544 Vermont St., San Francisco.
 Architect—T. A. Sourich, 625 Market St., San Francisco.
 Contractor—Co-Operative Builders, 625 Market St., S. F. \$3100

FLATS

(3372) N GEARY 165 E Lyon. Two-story and basement frame. (2) flats.
 Owner—J. Scanlan, 2468 Geary St., San Francisco.
 Architect—None. \$5000

BOARDING HOUSE

(3373) S BAY 22-11 E Mason. Two-story and basement frame boarding house.
 Owner—A. Bullo, 309 Bay St., S. F.
 Architect—P. F. DeMartini, 946 Broadway, S. F. \$4000

DWELLING

(3374) W DELANO 207-8 S Ocean Ave. One-story and basement frame dwelling.
 Owner—A. Garibaldi, 352 Delano Ave., San Francisco.
 Architect—None.
 Contractor—A. DeBenedetti, 22 Cotter St., San Francisco. \$1600

FLATS

(3375) W VERMONT 50 S Eighteenth. Two-story and basement frame (2) flats.
 Owner—Benedetto Damonte, 896 Rhode Island St., San Francisco.
 Architect—T. A. Sourich, 625 Market St., San Francisco.
 Contractor—Co-Operative Builders, 625 Market St., S. F. \$6000

DWELLING

(3376) N JOOST AVE. 100 W Foerster. 1-story and basement frame dwelling.
 Owner—Mary G. Dunnigan, 282 Diamond St., S. F.
 Architect—None.
 Contractor—J. C. Thomas, 1421 Balboa St., S. F. \$4000

DWELLING

(3377) N JOOST AVE. 125 W Foerster. 1-story and basement frame dwelling.
 Owner—Th. E. Reynolds, 276 Diamond St., S. F.
 Architect—None.
 Contractor—J. C. Thomas, 1421 Balboa St., S. F. \$4000

DWELLINGS

(3378) E TWENTY-EIGHTH AVE. 125 and 150 N Judah. Two 1-story and basement frame dwigs.
 Owner—Standard Building Co., 164 Otsego Ave., S. F.
 Designer and supt. of construction—J. W. Miller, 3324 16th St., S. F. \$3000 each

RECREATION BLDG.

(3379) S SLOAT BLVD. W Great Highway. 1-story class C memorial recreation bldg. and children's wading pool.
 Owner—Herbert and Mortimer Fleishacker, 2418 Pacific Ave., S. F.
 Architect—Geo. W. Kelham, Sharon Bldg., S. F.
 Contractor—Taylor & Jackson, 290 Tehama St., S. F. \$51,500

(3380) N FRANCISCO 230 E Octavia. 2-story and basement frame (2) flats.
 Owner—A. Puccini, 2317 Jones St., San Francisco.
 Architect—J. A. Porporato, 619 Washington St., S. F.
 Contractor—Meyer Bros., First Nat'l Bank Bldg., S. F. \$10,000

HOSPITAL

N FELL 100 W Polk. Two-story concrete animal hospital.
 Owner—Dr. Arbuna & Dr. McInnes.
 Architect—Cheston Jensen.
 Contractor—Monson Bros., 251 Kearny St., San Francisco. \$21,000

FRAME BLDG.

(3382) SE TWENTY-THIRD AND Bartlett, 20 x 8. All work for 2-story frame bldg. for 2-story.
 Owner—Henry A. and Otto N. Thom-Whorden, 462 17th Ave., S. F.
 Architect—Wm. Horstmeier, 31 Ord St., S. F.
 Contractor—Wm. Horstmeier Co., 31 Ord St., S. F.
 Filed Aug. 5, 1924. Dated Aug. 1, 1924.
 Stores roughed in \$1500
 Rough plaster on 1500
 Completed 1427
 Usual 35 days 1480
TOTAL COST, \$5907
 Bond, \$3000. Sureties, H. Gumbel and C. Horstmeier. Forfeit, \$100 per day. Limit, 60 days. Plans and specifications filed.

STEEL, IRON WORK.

(3383) N NINTH AVE. AND GEARY. All structural steel and iron work for 3-story and basement bldg.
 Owner—The Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
 Architect—Bliss & Faville, Balboa Bldg., S. F.
 Contractor—Ralston Iron Works, 20th and Indiana, S. F.
 Filed Aug. 5, 1924. Dated Aug. 1, 1924.
 1. 95% as follows: on delivery to cars at front of fabricator of grillages, bases, 1st tier columns and 1st and 2nd floor beams and girders.
 2. On complete delivery of all work.
 ..36 days after 5%
TOTAL COST, \$40,950
 Bond, sureties, forfeit, none. Limit, Oct. 5, 1924. Plans and specifications filed.

FLATS
(3384) N BALBOA 82-6 E Twentieth Ave. 2-story and basement frame (2) flats.
Owner—Johnson & Anderson, 4 Steiner St., San Francisco.
Architect—None. \$3000

FIRE REPAIRS
(3382) 705 SAN SOME ST. Repair fire damage to classic C store bldg.
Owner—Mrs. Henriette De Witt Kittle, Nevada Bank Bldg., S. F.
Architect—Nathaniel Haldsell, 255 California St., S. F.
Contractor—Alfred H. Vogt, 185 Stevenson St., S. F. \$18,750

APARTMENTS
(3385) S ULLOA 70 E West Portal. 2-story and basement Class C concrete stores and (5) apartments.
Owner—Myrl K. Crane, 74 Miramar Ave., San Francisco.
Architect—N. R. Coulter, 46 Kearny St., San Francisco. \$15,000

(3386) INGLESIDE SUBDIVISION Lot 1, Blk. 20. 1-story and basement frame dwelling.
Owner—Mr. and Mrs. F. Baker, 50 Clayton St., S. F.
Architect and Contractor—Harry H. Dabnelt, 1219 Fulton St., Palo Alto, Calif. \$5000

SHOP
(3387) N CLARA 220 E FOURTH. 1-story brick and tile machine shop.
Owner—John J. Martin, 269 Minna St., San Francisco.
Architect—E. H. Stewart.
Contractor—Daniel O'Neill, 273 Minna St., S. F. \$4000

ALTERATIONS
(3388) 375 DAY ST. Rearrange partitions; install 2 patent flues; cement basement; plaster front residence.
Owner—Mrs. Purcell, 365 Day St., San Francisco.
Architect—None.
Contractor—N. F. Nilson, 835 O'Farrell St., S. F. \$2000

ALTERATIONS
(3389) 759 BUENA VISTA AVENUE. Remodel residence for apartments.
Owner—Miss Rose McGeough, premises.
Architect—O. L. Baumbaugh, 853 Monadnock Bldg., S. F. \$5000

ALTERATIONS
(3390) 2774 UNION STREET. Alterations and additions for apartments.
Owner—W. O. Ogle, 2949 Divisadero St., San Francisco.
Architect—None.
Contractor—Peter Swenson, 718 Montgomery St., S. F. \$7900

FLATS
(3391) S BAY 98-9 E GOUGH. 2-story and basement frame (2) flats.
Owner—T. O'Brien, 886 Dolores St., San Francisco.
Architect—C. Fabre & Hildebrand, 110 Sutter St., S. F. \$12,000

RESIDENCE
(3392) E GOUGH 50 N Lombard N 25 x 87-6. All work for 2-story and basement frame residence.
Owner—John J. McGovern, 1726 Hyde St., S. F.
Architect—Shea & Shea, 454 Montgomery St., S. F.
Contractor—E. J. Montgomery, 1320 Broadway, S. F.

Filed Aug. 6, 1924. Dated Aug. 5, 1924.
First of each month 75%
Usual 35 days 25%
TOTAL COST, \$9016
Bond, \$4597. Sureties, Karl Hassell & Chas. Schlessinger. Forfeit, none.
Limit, Nov. 4, 1924. Plans and specifications filed.

STEEL WINDOWS
(3393) E MARKET AND BEALE, NE 137-6 x SE 138-2. All work for steel windows for general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—United States Metal Products Co., 330 10th St., S. F.

Filed Aug. 6, 1924. Dated Aug. 1, 1924.
Monthly, about 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$49,401
Bond, \$25,000. Sureties, Globe Indemnity Co. Forfeit, limit, none. Plans & specifications filed.

FLATS
(3394) W TWENTIETH AVE. 125 N Fulton. All work for 2-story and basement frame bldg., 687 11th Ave. Owner—C. A. Bullwinkel, 687 11th Ave., San Francisco.
Architect—Alfred T. Morris, San Francisco.
Contractor—Alfred T. Morris, 687 11th Ave., S. F.

Filed Aug. 6, 1924. Dated Aug. 4, 1924.
Roof on \$2250
1st coat plaster on 2250
Standing finish in place 2250
Completed and accepted 2250
Usual 35 days 3000
TOTAL COST, \$12,000
Bond, sureties, forfeit, none. Limit, 100 days. Plans and specifications filed

IRON & BRONZ
(3395) NE POST AND MASON. Ornamental iron and bronze for bldg. Owner—The Medico Dental Bldg. Corp., 301 First National Bank Bldg., San Francisco.
Architect—Geo. W. Kelham and Wm. G. Merchant, Sharon Bldg., S. F.
Contractor—Sartorius Bldg. Corp., 15th & Utah Sts., S. F.

Filed Aug. 6, 1924. Dated May 26, 1924.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$32,500
Bond, \$32,500. Sureties, Globe Indemnity Co. Forfeit, limit, none. Plans and specifications not filed.

FLATS
(3396) N FULTON - 95 E 22ND AVE. N 100 x E 25. All work for 2-story and basement frame flat bldg.
Owner—Sol Blho, % architect S. F.
Architect—Henry Shermund, 1230 Hearst Bldg., S. F.
Contractor—Paul K. Jones, 180 Jessie St., S. F.

Filed Aug. 6, 1924. Dated Aug. 5, 1924.
Roof on \$2847
Rough plastered 2847
Completed and accepted 2847
Usual 35 days 2848
TOTAL COST, \$11,389
Bond, sureties, none. Forfeit, \$5.00 per day. Limit, 90 days. Plans and specifications filed.

FRAME BLDG.
(3397) E GUERRERO 150 S 17th, E 193-6 x S 30. All work for 3-story and basement frame bldg.
Owner—A. E. Torelli, 3538 E 17th St., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco.
Contractor—F. F. Mazzuchelli and G. D. Volpatti, 1006 Hampshire St., S. F.

Filed Aug. 6, 1924. Dated Aug. 5, 1924.
2nd floor joists set \$2500
Enclosed 3500
Brown coated 2000
Completed and accepted 2500
Usual 35 days 4500
TOTAL COST, \$17,750
Bond, \$3900. Sureties, L. Delino and David Iuzzi. Forfeit, none. Limit, 90 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accented
Filed July 19, 1924—NE LOWELL 31-6 NW Brunswick NW 75xNE 78. Meyer Bros to whom it may concern..... July 17, 1924
July 17, 1924—NE LOWELL 31-6 NW Brunswick NW 75xNE 78. A. B. Harrison to Meyer Bros. July 17, '24

July 30, 1924—W LEE AVE 200 S Holloway Ave S 25xW 112-6 Lot 39 Blk 2, Lakeview. Meyer Bros. to whom it may concern. July 30, 1924
July 30, 1924—SE NATOMA 275 SW Third SW 37xSE 80. Gus O Balzer to Daniel O'Neill. June 25, 1924
July 30, 1924—N VASSINGTON 123-9 E Jones — 55xS 90. Axel A Johnson to whom it may concern.....

July 31, 1924—SE FUNKLESON AND Leavenworth 31-6x70. A Canepa to Paratore & Kilburn. July 1, 1924
July 31, 1924—S IVY 156-3 — Buchanan 25x53. O Pearson to C W Johnson and H Anderson. July 31, 1924

July 31, 1924—SE STEVENSON 275 NW Sixth NE 137.5xSE 70. Pacific Gas & Electric Co. to Forreder Cornice Works. July 26, 1924
July 31, 1924—N ULLOA 32-6, 65-10 and 99-2 W 26th Ave W 33-4x100 each. Parkside Realty Co. of S F to whom it may concern. July 30, 1924
July 31, 1924—CCOMB 58 E E of Int S Jefferson nad E Mason E 150xS 50 m or l. Pacific Gas & Electric Co. to George Windler Co. July 23, 1924

July 31, 1924—W GOUGH 112-6 S Filbert 25x100. F. Giacomo to Macchia & Rosina. July 30, 1924
July 31, 1924—NW TWENTY-SECOND and Valencia N 50xW 82-6. The Hibernia Saving & Loan Society to Malott & Peterson. July 26, 1924

July 31, 1924—S O'FARRELL 137-6 E Leavenworth E 45-10xS 137-6. J Harold Johnson and L J Neal to whom it may concern. July 30, 1924
July 31, 1924—S SAN CARLOS 137-6 E 28, 1924—LOTS 30 & 31 BLK D 135 N 19th 50x80. Antone Petersen to whom it may concern..... July 31, 1924

July 31, 1924—SW FUNSTON AVE. & Jud 32-6x100. Nelson O'Reilly to whom it may concern. July 31, '24
July 31, 1924—W DIVISADERO 137-6 S Geary. F V Duncan to whom it may concern. July 28, 1924

July 30, 1924—S FOLSOM ST. Southern Pacific Co. to San Francisco Elevator, Inc. July 28, 1924
July 25, 1924—N JUDAH 82-6 W 17th Ave W 75xN 110. W F Altwater to Meyer Bros. July 25, 1924

July 30, 1924—S EDDY, No. 1319 Eddy. Daniel W Burns to Otto Carson. July 28, 1924

July 31, 1924—E GENEESE 25 S Joost Ave S 25xNE 100. Gust Jelm to whom it may concern. July 31, 1924
Aug. 1, 1924—No. 667 McALLISTER bet. Franklin and Gov. to Buyers & Sellers Inc to whom it may concern. Aug. 1, 1924

Aug. 1, 1924—No. 906 MARKET ST. Douglas Bldg. J T Hardeman Hat Co to Ostlund & Johnson. July 30, 1924
Aug. 1, 1924—NE GENEVA AVE 30 SE Huron SE 25xNE 90 Ptn Blk 5 West End Map 1. Patrick Horgan to whom it may concern. July 31, '24

Aug. 1, 1924—E GOUGH 25 S Frederick S 25xNE 112-6. Frank A and Ida M Lindblad to H O Lindeman. July 28, 1924
Aug. 1, 1924—E FANATA AVE 55 SE Heron SE 25xNE 90 Ptn Blk 5, West End Map 1. Patrick Horgan to whom it may concern. July 31, '24

Aug. 1, 1924—E FANATA AVE 75 N De Montford Ave 25x75. Thomas J Sullivan to whom it may concern..... August 1, 1924
Aug. 1, 1924—N NINTH & FOLSOM NW 90xNE 50. O Madden to George C Todhunter. July 31, 1924

Aug. 1, 1924—E FORTY-FOURTH Ave 190 N Cabrillo N 35xNE 120. Wilbert C Edwards to whom it may concern. July 28, 1924
Aug. 1, 1924—NW SIXTEENTH and Valencia. The Mission Savings Bk to Thas Carroll. July 30, 1924

NOW READY FOR DELIVERY—PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations" for quantity Surveyors and Contractors.

Loose Leaves in Fabricoid Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.

Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

Aug. 1, 1924—N FULTON 82-6 and 107-6 E 48th Ave To 25x100. Gustave Moeller to Meyer Bros. Aug. 1, 1924
Aug. 1, 1924—E THIRTY-SIXTH AVE 175 S Clement E 120x25. Jos of J C Field to whom it may concern. July 30, 1924
Aug. 1, 1924—W VERMONT 50 N 19th 50x75. Richard A Tobin and Elmer B Stone to whom it may concern. July 29, 1924
Aug. 1, 1924—E FORTIETH AVE 150 S Garry S 25x120. Bernard Quinn to Bernard and Arthur Quinn. Aug. 1, 1924
Aug. 1, 1924—W COUCH 112-6 S Filbert S 25x100. Mary and Filippo Giacomini to Rosina & Fracchia. Aug. 1, 1924
Aug. 1, 1924—E SAN JOSE AVE 160-2 N Ocean Ave N 26-83 E 108-42 S 26-67 W 111-82. Alfonso and Rosa Burlando to A A Wesendunk & Sons. July 22, 1924
Aug. 1, 1924—E SAN JOSE AVE 434-1 1/2 N Ocean Ave N 26-72 E 111-83 S 26-50 W 115. Antonia Carderio to A A Wesendunk & Sons. July 22, 1924
Aug. 2, 1924—W FULTON AND FORTY-SEVENTH AVE W 12-6XN 25. Gustave Moeller to Meyer Bros. Aug. 1, 1924
Aug. 2, 1924—NE FULTON AND FORTY-SEVENTH AVE W 12-6XN 25. Gustave Moeller to Meyer Bros. Aug. 1, 1924
Aug. 2, 1924—W FAXON AVE being Ptn Lots 12 and 13 Blk 3106, Westwood Park. Hans and Esther Nelson to whom it may concern. July 31, 1924
Aug. 2, 1924—W FAXON AVE being Ptn Lots 13 and 14 Blk 3106, Westwood Park. Hans and Esther Nelson to whom it may concern. July 31, 1924
Aug. 2, 1924—NE THIRTIETH AND Church 55 on 30th and 114 on Church. A W Morton to whom it may concern. July 31, 1924
Aug. 2, 1924—W FOLSOM 140 N 18th N 32 W 122-6 N 50 W 122-6 S 72-83 E 122-6 S 7-3 1/2 E 122-6. J Allec to Buschke & Brown. July 26, 1924
Aug. 2, 1924—W THIRTY-EIGHTH AVE 177-3 N Cabrillo 125-9xW 120. Dr. F Arthur Gawnthorne to whom it may concern. July 30, 1924
Aug. 2, 1924—SW BEACH & GRANT AVE W 275xS 137-6. Otis Elevator Co to W P Fuller & Co. July 14, '24
Aug. 2, 1924—LOT 11 BLK 31, Francis Wood Extn No. 1, Westgate Park Co to W J and H C Mangels (as Mangels Bros). Aug. 1, 1924
Aug. 2, 1924—NW VALLEJO AND Broderick N 100xW 27-6. Felton Taylor to W W Redmy. Aug. 2, '24
Aug. 2, 1924—N FULTON 82-6 W 47th Ave W 25xN 100. Elmer H Berryman to Meyer Bros. Aug. 1, 1924
Aug. 2, 1924—LOT 2 BLK 23, St. Francis Wood Extn No. 1, Westgate Park Co to M C Ingraham. July 31, 1924
Aug. 4, 1924—LOT 25 x 82-6 ON E 43rd Ave., 75 S Balboa. Henrietta Nelson to whom it may concern. Aug. 4, 1924
Aug. 4, 1924—LOTS 18, 29 AND 30 Blk C, Mission Terrace. Walter E. Hansen to whom it may concern. Aug. 1, 1924
Aug. 4, 1924—LOT 13 AND PTN. LOT 14, Blk. 21, St. Frances Wood. H. S. L. Porter to M. C. Ingraham. July 31, 1924
Aug. 4, 1924—W FRANKLIN 33 S Filbert 30 x 100. F. Mosconi to Fracchia & Rosiva. Aug. 4, 1924
Aug. 4, 1924—W 29TH 100 E Adalberto, E 25 x 114. John Donovan to Thomas McCormick. Aug. 4, 1924
Aug. 4, 1924—COMG. 64 S AND 56 E of SE Jefferson and Mason. E 150 x S 50. Pacific Gas and Electric Co. to Geo. E. Windler Co. July 31, 1924
Aug. 4, 1924—W POLK 125 N FELL N 20 x W 19th. The Luria Co. to Vukitchew and Barga. July 29, 1924
Aug. 4, 1924—S ANZA 35 W 24TH AVE. W 27-6 S 82-7 NE 39-10 N 74-7 S Anza 62-6 W Anza W 27-6 S 90-8 NE 29-10 N 82-7. Ed Adams to Thomas Hamill. Aug. 4, 1924
Aug. 4, 1924—S STEVENSON 275 W 6th. Weinstein Co. to M. E. Greene. July 26, 1924

Aug. 4, 1924—101 ST. MARYS AVE. Mrs. Margaret Kellcher to whom it may concern. July 25, 1924
Aug. 4, 1924—E HOWARD 195 S 25th S 25x115. Dan E Ulrich to whom it may concern. July 26, 1924
Aug. 4, 1924—W NOE 156 S 25th S 25xW 125. George Pinto to John A. Pereira. July 24, 1924
Aug. 4, 1924—E FAXON AVE 50 N De Montford AVE N 25x75. Thos J Sullivan to whom it may concern. August 4, 1924
Aug. 5, 1924—N CLEMENT 32-6 E Twenty-eighth AVE 25x100. John Salvisberg to Thos Quilstod. July 26, 1924
Aug. 5, 1924—N FULTON 32-6 E Thirty-eighth AVE 25x100. D W Ross to whom it may concern. August 5, 1924
Aug. 5, 1924—W THIRTY-THIRD AVE 175 S Taraval S 50xW 120. Mary E Harris and Adaline E Emery to Stempel & Co. Aug. 1, 1924
Aug. 5, 1924—BROADWAY 137-6 W Octavia W 68-9xN 137-6. The Heights to A Knowles. July 26, 1924
Aug. 5, 1924—N BROADWAY 137-6 W Octavia W 68-9xN 137-6. The Heights to W S Wetenhall Co. Aug. 4, 1924
Aug. 5, 1924—SE HAYES AND COLE 50 on Cole by 106-3 on Hayes. J Phelan to whom it may concern. Aug. 4, 1924
Aug. 5, 1924—W TWENTY-NINTH AVE 75 S Taraval 25x82-6. George Smith to whom it may concern. August 4, 1924

Aug. 4, 1924—N CHESTNUT 211.359 W Baker W 30xN 100. Portmans Planing Mill and Torrey Co to S
Aug. 2, 1924—W THIRD AVE 10 S Hugo S 25xN 100. Spring Valley Lumber Yard to Geo M Merritt Building Co, Inc. July 31, 1924
W SIXTEENTH AVE 271-1 1/2 California S 25xW 120. Russell Hinton to Anita Besozzi. 475

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3968	Legg	Clark	1000
3969	Warford	Ingram	2500
3970	Davidson	Rowland	9500
3971	Baldassari	Helms	5000
3972	Price	Owner	4000
3973	Holleday	Owner	3250
3974	Mielenz	California	30000
3975	Hemenway	Owner	1800
3976	Gardner	Paige	5000
3977	Constable	Owner	4250
3978	Bunker	Bunker	2500
3979	Hinman	Campbell	4500
3980	Skenzie	Martin	1000
3981	Arceo	Owner	1450
3982	Norris	Noris	3000
3983	Morrow	Owner	1500
3984	Lyon	Owner	1000
3985	Winger	Dilline	7000
3986	Blair	Blair	3000
3987	Mattern	Sorensen	20010
3988	McLeod	Westlund	14225
3989	Sperry	Cederberg	6800
3990	Gillespie	Carr	3000
3991	Romie	Wilson	8000
3992	Echols	Potter	4600
3993	Hanvey	Ahnfeld	1000
3994	Campbell	Monson	28000
3995	Lehman	Owner	4500
3996	Woodburn	Owner	8000
3997	Peterson	Goranson	5588
3998	Allen	Builders	12000
4000	Kalman	Ortowitz	7340
4001	Lewellen	Owner	2500
4002	Threackmeyer	Owner	4000
4003	Peppin	Owner	6800
4004	Goulet	Jackson	5000
4005	Wood	Peters	6800
4006	Stone	Owner	10970
4007	Wescott	Owner	3200
4008	Cary	Allen	2000
4009	Liese	Cerro	4000
4010	Montana	Stewart	6000
4011	Kelty	Owner	3875
4012	Fontes	Gaas	7000
4013	Hufschmidt	Owner	9000
4014	Hufschmidt	Owner	7800
4015	Mathews	Mallan	9600
4016	Gray	Long	9200
4017	Pollard	Owner	2000
4018	Turner	Lindsay	3500
4019	Herlihy	Owner	3500
4020	Argall	Geary	4930
4021	North	Littlefield	85000
4022	McCord	Owner	3000
4023	Hebel	Owner	6000
4024	James	Hebel	2000
4025	Minami	Owner	1000
4026	Spray	Taylor	2500
4027	Hudson	Owner	2500
4028	Rosenheim	Owner	3500
4029	McReynolds	Lee	9000
4030	Anderson	Shields	2000
4031	Saul	Leber	4850
4032	Crosby	Owner	3000
4033	Miller	Dunton	5800
4034	Wagenet	Hildebrand	19100
4035	Weber	Hansson	15000
4036	Pennell	Tranmal	13000
4037	Mattern	Sorensen	2000
4038	Williams	Brookes	4500
4039	Hayes	Owner	1200
4040	Deland	Owner	3000
4041	Meyer	Dahl	3150
4042	Sullivan	Owner	4000
4043	Hagenah	Tupper	4000
4044	Murphy	Meyer	1000
4045	Foreman	Owner	2350
4046	McLeod	Westlund	12025
4047	Miller	Dunton	2500
4048	Silva	Owner	1250
4049	Brown	Owner	6000
4050	Vallino	McCord	3500
4051	Ante	Owner	4000
4052	McLane	Marengo	5000
4053	Ante	Perry	3500
4054	Pedersen	Bauer	2750
4055	Smith	Owner	2500
4056	Harding	Bold	4500
4057	Beer	Henderson	35000
4058	Norgrove	Owner	5000
4059	Owens.	Owner	3500
4060	Ayers	Owner	1000

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Aug. 2, 1924—E THIRD AVE 135 S Irving S 25x120. Frank C Keefe vs Chas Stuhrr or Charles G Stuhrr	
Oct 1, 1924—E Dora and Mabel Dorn Hirst	\$338
Aug. 2, 1924—W TWENTY-NINTH 203 W Church W 25-5xN 114. J E Weldon vs G Fazzio and Fazzio	\$400
Aug. 1, 1924—E TWENTY-SIXTH AVE 175 N Ulloa — 25x125. F G Norman & Sons vs John W Lepetch	\$87.78
Oct 31, 1924—E TWENTY-NINTH 203 W Church W 25-5xN 114. S Mariana & Sons vs A Fazzio or Angelo D Faggio, G Fazzio or Giovanni Faggio and George M Faggio	\$95.55
July 31, 1924—SE PAGE AND OCTAVIA E 27-6xS 60. Frank E Carter vs H A and Clara A Berch and McCaulley & Weber.	\$498
July 19, 1924—E TWENTY-SIXTH AVE 175 N Ulloa N 25x120. Portman's Planing Mill vs J N and Rose Lepetch and City Title Ins Co.	\$613.91
July 27, 1924—SE PAGE & OCTAVIA E 27-6xS 60. Vincent Buckley vs H A and Clara A Berch.	\$550
July 30, 1924—E TWENTY-SIXTH AVE 175 N Ulloa N 25x120. F Denucci vs John N Lepetch.	\$189
Aug. 4, 1924—NW MARSLY AND Int. SW Lot 1, Blk. 2, De Boom Tract. NW to Lot 3, Blk. 2, NE 30th St. R A and R A Marsley vs N. W. Blarner vs Enrico and Caterina Inagelli	\$140
Aug. 4, 1924—E TWENTY-SIXTH AVE 175 N Ulloa N 25x120. M 3 Perry vs John N and Rose Lepetch	\$212.50
Aug. 4, 1924—E TWENTY-SIXTH AVE 175 N Ulloa N 25x120. Acme Lumber Co vs J N and Rose Lepetch	\$125.71

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Aug. 8, 1924—W BRODERICK 127-6 N Green N 30xW 112-6. I R Kissel to Wm H B Fowler.	
Aug. 6, 1924—S POST 205-3 W Mason W 68-9xS 137-6. Western Iron Works to Browne Inv. Co.	
Aug. 4, 1924—W EDNA 25 N Staples N 75 x W 100. John Stura to W. P. Goss	\$240

4061	Thomas	Allen	2500
4062	Willford	Owner	3550
4063	de Young	Owner	4400
4064	Townsend	Tripp	2500
4065	Dunahoo	White	1895
4066	Davis	McClabe	2250
4067	Creonton	Vokt	1000
4068	Nichle	Owner	3000
4069	Hennings	Owner	3125
4070	Thurman	Owner	3500
4071	Gray	Smith	4000
4072	Hardwell	Owner	4000
4073	Sims	Owner	6000
4074	Huddleston	Dingin	3500
4075	Belway	Owner	2000
4076	Hoepner	Marshall	4000
4077	Swift	Kat	1700
4078	Fitzgerald	Owner	15000
4079	Nelson	Owner	6800
4080	Sorensen	Anderson	2650
4081	Montgomery	Wells	450000
4082	Noller	Anderson	10000
4083	Brasch	Owner	10000
4084	Owen	Owen	3650
4085	Lister	Gaieber	3000
4086	King's	Farquharson	16376
4087	Bowling	McIntire	4500
4088	Sampson	Sampson	4000
4089	Stroud	Pearson	10942
4090	Lindborg	Owner	1600
4091	Bryan	Owner	2000
4092	Mathews	Owner	16000
4093	Furlong	Owner	6500
4094	Davison	Western	2365
4095	Grosso	Valente	5000
4096	McCraith	Rogers	2900
4097	Foreman	Brunfield	1500
4098	Orton	Owner	5500
4099	Mihnis	Owner	3000
1100	Keaton	Burton	3000
1101	St. Mary	Owner	3350
1102	Brundman	Oakley	4500
1103	Roman	Brennan	\$4,500
1104	Kalman	Ortowitz	7340

ALTERATIONS

(396) NO. 1936 EL DORADO AVE., Berkeley. Alterations.
Owner—E. B. Clegg, 1942 El Dorado Ave., Berkeley.
Architect—None.
Contractor—W. H. Clark, 1946 El Dorado Ave., Berkeley. \$1000

DWELLING
(3959) NO. 1256 GILMAN ST., Berkeley. Dwelling.
Owner—Rita Warford, 2261 Shattuck Ave., Berkeley.
Designer—Fred F. Ingram.
Contractor—Fred F. Ingram, 1956 University Ave., Berkeley. \$2500

DWELLING
(3970) NO. 1404 LE ROY AVE., Berkeley. Dwelling.
Owner—F. P. Davidson.
Designer—Lilian Brisgman, 1715 La Loma Ave., Berkeley.
Contractor—Rowland & Rowland, 1900 Blake St., Berkeley. \$9500

RESIDENCE

(3971) NO. 3132 GROVE ST., Berkeley. Residence and flat.
Owner—A. Baldassari, 3231 Grove St., Berkeley.
Designer—W. C. Helms, 341 Alcatraz Ave., Oakland.
Contractor—W. C. Helms, 341 Alcatraz Ave., Oakland. \$5000

DWELLING

(3972) NO. 551 SANTA CLARA AVE., Berkeley. Dwelling.
Owner—R. E. Price, 716 Contra Costa Ave., Berkeley.
Architect—None. \$4000

DWELLING

(3973) NO. 1535 DELAWARE ST., Berkeley. Dwelling.
Owner—C. H. Holliday, 1213 Hearst Ave., Berkeley.
Architect—None. \$3250

DWELLINGS

(3974) NO. 2323-29 PARKER ST., Berkeley. Two dwellings.
Owner—C. E. Mielenz, 1636 Franklin St., Oakland.
Designer—California Builders, 1636 Franklin St., Oakland.
Contractor—California Builders, 1636 Franklin St., Oakland. \$15,000 ea

APARTMENTS

(3975) S SIXTY-THIRD ST. bet. Dana and Canning Sts., Oakland. 2-story 18-room apartments.
Owner—E. H. Hemenway, 390 63rd St., Oakland.
Architect—None. \$15,000

DWELLING

(3976) 3526 PRESSLEY WAY, Oakland. 1-story 6-room dwelling.
Owner—Chas. Gadsden, 2319 Acton St., Berkeley.
Architect—None.
Contractor—Harold L. Paige, 5844 College Ave., Oakland. \$5000

DWELLING

(3977) 2786 BELLAIRE COURT, Oakland. 1-story 5-room dwelling and garage.
Owner—W. C. Constable, 3306 School St., Oakland.
Architect—None. \$4250

ALTER & ADDITION

(3978) 329 FORTY-NINTH STREET, Oakland. Alter and addition.
Owner—W. D. Bunker, 329 49th Street, Oakland.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—Bunker & Douglas, 1001 American Bank Bldg., Oakland. \$2500

DWELLING

(3979) 5936 CHABOLYN TERRACE, Oakland. 1-story 5-room dwelling.
Owner—A. A. Hinman, Oakland.
Architect—None.
Contractor—D. Campbell, 2421 Oregon St., Berkeley. \$4500

(398) W SPRUCE ST. 150 N Prospect Ave., Oakland. 1-story 6-room dwlg
Owner—Lucy Skemito, San Pedro, Cal.
Architect—None.
Contractor—Martin & Martin 2008 East 25th St., Oakland. \$4850

DWELLING

(3982) E SIXTY-FOURTH AVE. 600 E E-14th St., Oakland. 1-story 3-room dwelling.
Owner—E. Arceo, 1146 69th Ave., Oakland.
Architect—None. \$1450

DWELLING

(3982) N ARIZONA ST. 300 E Laurel Ave., Oakland. 1-story 5-room dwlg
Owner—Justus Norris, 2326 Webster St Oakland.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. \$3000

ALTER & ADDITION

(3983) 1644 FOURTH AVENUE, Oakland. Alter and addition.
Owner—Jos. Morrow 836 4th Ave, Oakland.
Architect—None. \$1500

CLEANING WORKS

(3984) NE COR PERALTA AVE AND Davis St., Oakland. 1-story tile cleaning works.
Owner—I. W. Lyon, 3312 Davis Street, Oakland.
Architect—None. \$1000

DWELLING

(3985) S WARWICK AVE. 300 E Perkins St., Oakland. 2-story 6-rm. dwelling.
Owner—C. W. Wininger, 712 Wesley Ave., Oakland.
Architect—None.
Contractor—Aldine & Knight, 378 63rd St., Oakland. \$7000

DWELLING

(3986) E FOURTEENTH AVE. 120 S E-20th St., Oakland. 1-story 5-room dwelling.
Owner—E. J. Blair, 1329 East 20th St., Oakland.
Architect—None.
Contractor—E. W. Blair, 1329 East 20th St., Oakland. \$3000

CLASS C BLDG

W SIDE OF SAN PABLO AVE. 125 S of University Ave., thence W 132.81 ft. S 50 E 132.82 N 50 to pt. of beginning. General construction 1-story and mezzanine class C building, reinforced concrete and brick bank and store building.
Owner—G. A. Mattern, 100 Tunnel Rd., Berkeley.
Architect—Louis M. Upton, 454 Montgomery St., S. F.
Contractor—Walter Sorensen, 3221 Ellis St., Berkeley.
Filed July 31, 1924. Dated July 30, 1924
When roof frame is up \$5000
When plastered 3500
When completed 6507
Usual 35 days 5003
TOTAL COST, \$20,010.

Bond, sureties, forfeit, none. Limit, 60 working days from Aug. 1, 1924. Plans and specifications filed.

APARTMENTS

(3988) S FORTIETH STREET, 250 W of Telegraph Ave., Oakland. General construction of three 3-room and one 4-room apt. bldg. and garage.
Owner—John A. McLeod.
Architect—Frank Barry, 1074 Harvard Id., Oakland.
Contractor—Fred J. Westlund, 795 Highland, Oakland.
Filed July 30, 1924. Dated July 24, 1924
When frame is up \$3556
When rough plastered 3558
When completed 3556
Usual 35 days 3557

TOTAL COST, \$14,225
Bond, sureties, forfeit, one. Limit, 100 working days from date of recording. Plans and specifications cured.

DWELLING

(3989) W SIDE OF HAWTHORNE Terrace near Vine St., Berkeley. General construction 2-story and basement frame dwelling and garage.
Owner—J. C. Sperry, 2425 Hearst, Berkeley.
Architect—Henry H. Guttererson and Mrs. M. S. Marsh, 526 Powell St., S. F.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.
Filed July 30, 1924. Dated July 26, 1924
1st and 10th of each month, of labor and materials incorporated 75%
Usual 35 days Balance
TOTAL COST, \$68,107
Bond, sureties, none. Forfeit, \$3.00 per day. Limit, 150 working days from date. Plans and specifications filed.

(3990) 2516 MCGEE AVE., Berkeley. Dwelling.
Owner—Mrs. A. I. Gillespie, 1609 Parker St., Berkeley.
Designer—F. H. Carr, 2341 35th Ave., Oakland.
Contractor—F. H. Carr, 2341 35th Ave., Oakland. \$3000

DWELLING

(3991) 225 ALVARADO RD., Berkeley. Dwelling.
Owner—F. E. Romie, 2565 Dwight Way Berkeley.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—Leslie Wilson, 3051 Benvenue Ave., Berkeley. \$8000

DWELLING

(3992) 1617 SAN LORENZO AVENUE, Berkeley. Dwelling.
Owner—Robert E. Echols, 3900 Lincoln St., Oakland.
Designer & Contractor—A. W. Potter, Agua Vista St., Oakland. \$4600

(3993) 2609 WEBSTER ST., Berkeley. Dwelling.
Owner—M. Hanvey, Berkeley.
Architect—None.
Contractor—H. Ahnfeld, 1969 Marin Ave., Berkeley. \$9200

TELEPHONE EXCHANGE

(3994) 2116 BANCROFT WAY, Berkeley. Telephone Exchange.
Owner—Pacific Tel. Co., 2277 Shattuck Ave., Berkeley.
Architect—E. V. Cobby, Sheldon Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., S. F. \$280,000

RESIDENCE

(3995) 252 WILDWOOD, Piedmont. 1-story 6-room dwelling and garage.
Owner—J. Lehman, 959 Appar, Oakland.
Architect—None. \$4600

DWELLING

(3996) 25 HIGHLAND AVE. Piedmont. 1-story 7-room dwelling and garage.
Owner—F. E. Woodburn, 624 Prospect Oakland.
Architect—None. \$8000

DWELLING

(3997) 170 LAKE AVE. 1-sto. 5-room dwelling and garage.
Owner—E. Peterson.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Oakland. \$5850

DWELLING
(3998) N ASHMOOT AVE., 150 W Mandana Blvd., Oakland. 2-story 7-room dwelling.
Owner—M. M. Allen, Hotel Oakland, Oakland.
Architect—E. E. Pemmel, 966 Warfield Ave., Oakland.
Contractor—Builders & Contractors Supply Co., 1403 5th St., Oakland. \$10,000

APARTMENTS
(3999) E YORKE ST., 350, 400 N Mandana Blvd., Oakland. Two 2-story 16 room apartments.
Owner—B. L. Campbell, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders Co., 1626 Franklin St., Oakland. \$16,000 each

STORES
(4000) SW COR. SANTA CLARA & Walsworth Ave., Oakland. 1-story brick stores.
Owner—A. Kalman, 118 E-14th St., Oakland.
Architect—None.
Contractor—A. Ortow, 3929 West St., Oakland. \$7340

DWELLING
(4001) E EIGHTY-FIRST AVE., 240 N Ney Ave., Oakland. 1-story 5-room dwelling.
Owner—J. W. Lewellen, 2750 76th Ave., Oakland.
Architect—None. \$2500

DWELLING
(4002) 2615 E-TWENTY-THIRD ST., Oakland. 1-story 5-room dwlg.
Owner—J. E. Throckmeyer, 2001 Carlton St., Berkeley.
Architect—None. \$4000

DWELLING
(4003) 2701, 2703 KINGSLAND AVE., Oakland. 1-story 8-room 2-family dwelling.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. \$6500

DWELLING
(4004) 9832 ELMAR AVE., Oakland. 1-story 4-room dwelling.
Owner—J. B. Goulart, 9832 Elmar Ave., Oakland.
Architect—None.
Contractor—E. Jacobson, 2307 Havenscourt Blvd., Oakland. \$2000

DWELLINGS
(4005) W BAKER ST., 100, 140 S 62nd St., Oakland. Two 1-story 5-room dwellings.
Owner—Ralph Wood, 5121 San Pablo Ave., Oakland.
Architect—None.
Contractor—F. W. Peters, 184 Ridgeway Ave., Oakland. \$3400 each

DWELLINGS
(4006) W 106TH AVE., 178, 211 AND 142 N Biggareau, Oakland. Two 1-story 5-room dwellings and one 1-story 4-room dwelling.
Owner—E. B. & A. L. Stone, 804 Claus Spreckels Bldg., S. F.
Architect—None. 2 at \$3990, 1 at \$2990

DWELLING
(4007) NW COR. SIXTY-FIFTH AVE. and Avenal Ave., Oakland. 1-story 4-room dwelling and garage.
Owner—Wm. A. Wescott, 5780 Latimer Place, Oakland.
Architect—None. \$3200

DWELLING
(4008) 1098 SIXTY-EIGHTH AVE., Oakland. 1-story 4-room dwlg.
Owner—Mrs. E. H. Cary, 1098 68th Ave., Oakland.
Architect—None.
Contractor—C. P. Allen. \$2500

DWELLING
(4009) S E-THIRTY-SECOND ST., 150 W 22nd Ave., Oakland. 1-story 5-room dwelling.
Owner—M. M. Lidre, 1562 E-31st St., Oakland.
Architect—None.
Contractor—J. Cisero, 698 43rd St., Oakland. \$4000

DWELLING
(4010) N WHITNEY ST., 250 N 65TH ST., Oakland. 1½-story 7-room dwelling.

Owner—Frank Montana, 1413 Haskel St., Oakland.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St., Oakland. \$6000

DWELLING
(4011) N SIXTY-THIRD ST., 80 E Baker St., Oakland. 1-story 5-room dwelling and garage.
Owner—J. T. Kelly, 947 63rd St., Oakland.
Architect—None. \$3875

DWELLING
(4012) S ALMA AVE., 125 W Chatham Road, Oakland. 2-story 8-room dwelling.
Owner—Mrs. A. C. Fontes, Oakland.
Architect—None.
Contractor—C. M. Gass, 2415 35th Ave., Oakland. \$7000

DWELLINGS
(4013) 524, 528 OAKLAND AVENUE, Oakland. Two 1-story 5-room dwellings.
Owner—Hufschmidt & Whalen, 407 Federal Bldg., Oakland.
Architect—None. \$4950 each

DWELLINGS
(4014) 45, 49, 53 MOSS AVENUE, Oakland. Three 1-story 5-room dwellings.
Owner—Hufschmidt & Whalen, 407 Federal Bldg., Oakland.
Architect—None. \$4950 each

RESIDENCE
(4015) NO. SIDE OF LINCOLN AVE. about 315 E of Sheridan Ave., Piedmont. All work except brick work, lathing, plastering, cast cement, ornamental iron, tile work, tile roofing, electric work, plumbing, papering, heating, finish hardware, electric fixtures, hardwood floors for 2-story and basement frame residence.
Owner—J. A. Mathews, 6444 Benvenue, Oakland.
Architect—Sidney B. & Noble Newsom, 1024 Warfield, Oakland.
Contractor—Otto W. Mailanen.
Filed Aug. 1, 1924. Dated July 30, 1924.
When foundation is laid \$ 855
2nd floor joists are in 1000
Frame up 1000
Ready for inside lathing 500
Sash are in 500
Mill work all in place 1000
Completed and accepted 1075
Usual 35 days 1975
TOTAL COST, \$7685

Bond, Sureties, none; Forfeited, \$5 day; forfeitures filed.

DWELLING
(4016) 700 YOSEMITE AVE., Berkeley.
Owner—D. B. Gray, 2912 Claremont, Berkeley.
Designer—Roy O. Long, 2114 Shattuck Ave., Berkeley. \$9200

DWELLING
(4017) 1212 PERALTA AVE., Berkeley, Dwelling.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Designer & Contractor—A. J. Pollard, 77 Plaza Dr., Berkeley. \$2000

DWELLING
(4018) 1512 TACOMA AVE., Berkeley. Dwelling.
Owner—Alma E. Turner, 1308 Blake St., Berkeley.
Architect—None.
Contractor—Joel Lindsay, Oakland. \$3500

DWELLING
(4019) 1819 VINE STREET, Berkeley. Dwelling.
Owner—H. Herlihy, 2243 Woolsey St., Berkeley.
Designer—National Mill & Lumber Co., High and Tidewater St., Berkeley.
Contractor—H. Herlihy, 2243 Woolsey St., Berkeley. \$3500

DWELLING
(4020) 2237 EUNICE ST., Berkeley. Dwelling.
Owner—Misses Sue and Jennie Argall, 2600 Dana St., Berkeley.
Designer & Contractor—L. G. Geary, 326 55th St., Oakland. \$4930

APARTMENTS
(4021) NW COR. TWELFTH & BUSH Sts., Oakland. 3-story 35-room brick apartments.
Owner—H. H. North, 2414 Prospect St., Berkeley.
Architect—None.
Contractor—R. W. Littlefield, 357 12th St., Oakland. \$85,000

DWELLING
(4022) 2412 SIXTY-SEVENTH AVENUE, Oakland. 1-story 5-room dwelling.
Owner—T. J. McCord, 4741 East 14th St., Oakland.
Architect—None. \$3000

DWELLING
(4023) S WHITTLE AVE., 250 S TIF-2an Rd., Oakland. 1½-story 9-room dwelling.
Owner—A. Hebel, 4061 Whittle Avenue, Oakland.
Architect—None. \$6000

ADDITION
(4024) 2100 THIRTEENTH AVE., Oakland. 2-story addition.
Owner—Mrs. Jaues, 2100 13th Avenue, Oakland.
Architect—None.
Contractor—A. Hebel, 4061 Whittle Ave., Oakland. \$2000

GREENHOUSE
(4025) NO. 2236 NINETY-SIXTH AVE., Oakland. 1-story greenhouse.
Owner—M. Minami, 2236 96th Ave., Oakland.
Architect—None. \$1000

DWELLING
(4026) S FLORIDA ST., 205 W Laurel Ave., Oakland. 1-story 3-room dwlg

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets..... \$93,198,226.96
Capital, Reserve and Contingent Funds..... 3,900,000.00
Employees' Pension Fund..... 446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4½) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Owner—Mrs. Anna Spray, 1220 Linden St., Oakland.
 Architect—None.
 Contractor—F. S. Taylor, P. O. Box 97, Fruitvale. \$2500

DWELLING
 (4027) 1651 EAST THIRTY-EIGHTH ST., Oakland, 1-story 4-room dwlg.
 Owner—L. C. Hudson and N. E. Parker, 1777 Evans Ave., Oakland.
 Architect—None.
 Contractor—L. G. Hudson, 1777 Evans Ave., Oakland. \$2800

DWELLING
 (4028) W RAYMOND ST. 100 N Alcatraz Ave., Oakland, 1-story 5-rm dwelling.
 Owner—Frances S. Rosenheim, 6439 Raymond St., Oakland.
 Architect—None. \$3000

DWELLING
 (4029) NW COR. ELWOOD & VALLE Vista Aves., Oakland, 2-story 9-room 2-family dwelling.
 Owner—Mrs. L. D. McReynolds, 438 Elwood, Oakland.
 Architect—None.
 Contractor—Samuel Lee, 1801 Lafayette St., Alameda. \$9000

DWELLING
 (4030) N A ST. 30 E 89th Ave., Oakland, 1-story 4-room dwelling.
 Owner—Adolf E. Anderson, 1314 89th Ave., Oakland.
 Architect—None.
 Contractor—Wm. Shields, San Leandro Calif. \$2000

DWELLING
 (4031) N E-EIGHTEENTH ST. 100 W 14th Ave., Oakland, 1-story 8-room 2-family dwelling.
 Owner—Peter M. Saul, 1311 Magnolia St., Oakland.
 Architect—None.
 Contractor—Chas. Leber, 3030 Champlain St., Oakland. \$4950

DWELLING
 (4032) NW COR. SEVENTY-EIGHTH Ave. and Holly St., Oakland, 1-sto. 5-room dwelling.
 Owner—G. W. Crosby, 1501 78th Ave., Oakland.
 Architect—None. \$3000

DWELLINGS
 (4033) NE COR. OF ELSTON AVE. & 38th Ave. All work for 1-story 5-room stucco and 1 4-room stucco building.
 Owner—Mrs. Kathleen Miller, Oakland
 Architect—R. L. Hatt, 2107 27th Ave., Oakland.
 Contractor—Lewis Duntion, 764½ Lydia Oakland.
 Filed Aug. 2, 1924. Dated Aug. 1, 1924.
 Foundation completed \$150
 Roughed in 1250
 Brown coated 1250
 Usual 35 days 4775
 TOTAL COST, \$5800
 Bond, Forfeit, none; Limit, 60 days; Plans, none; Specifications filed.

STORES & OFFICES
 (4034) BEG. AT A POINT ON N E line of Foothill Blvd dist N W 619.60 from Seminary Ave thence NW 55 NE 120.98 SE 45.44 SW 90 to point of beg. All work for 2-story frame building (stores and offices)
 Owner—Clifford R. Wagenet, 359 12th St., Oakland.
 Architect—L. F. Hyde, 372 Hanover Ave., Oakland.
 Contractor—C. G. Hildebrand 1700 Fremont Way, Oakland.
 Filed Aug. 2, 1924. Dated Aug. 1, 1924.
 Frame up \$4775
 1st coat plaster 4775
 Completed and accepted 4775
 Usual 35 days 4775
 TOTAL COST, \$19,100
 Bond, \$—; Sureties, New Amsterdam Casualty Co.; Forfeit, \$15 per day; Limit, 85 days; Plans and specifications filed.

DWELLING
 (4035) LOT 2 BLOCK H CLAREMONT Court, Berkeley. All work for 2-story 9-room frame dwelling and garage.
 Owner—Mrs. C. F. Weber, 2801 Claremont, Berkeley.
 Architect—John Hudson Thomas, Mercantile Bank Bldg., Berkeley.
 Contractor—Louis O. Hansson, 1409 Bonita, Berkeley.

Filed Aug. 1, 1924. Dated July 31, 1924.
 Frame up \$3825
 Brown coated 3825
 Completed and accepted 3825
 Usual 35 days 3825
 TOTAL COST, \$15,300
 Bond, Forfeit, none; Limit, 120 working days; Plans and specifications filed.

DWELLING
 (4036) 22 EL CAMINO REAL, Berkeley, Dwelling.
 Owner—H. E. Pennell, 2729 Regent St., Berkeley.
 Architect—H. Gutterson, 526 Powell St., San Francisco.
 Contractor—Tranmal & Bradhoff, 911 55th St., Oakland. \$13,000

BANK & STORE
 (4037) 208-112 SAN PABLO AVE., Berkeley, Bank and store.
 Owner—G. A. Mattern, 100 Oak Ridge Rd., Berkeley.
 Architect—None.
 Contractor—Walter Sorensen, 2940 Piedmont Ave., Piedmont. \$10,069

DWELLING
 (4038) 2973 CALIFORNIA ST., Oakland, 1-story 6-room dwelling.
 Owner—Mrs. W. O. Williams, 2973 California St., Oakland.
 Architect—None.
 Contractor—W. R. Brookes, 2971 California St., Oakland. \$4500

DWELLING
 (4039) NW COR. EIGHTY-SEVENTH and B St., Oakland, 1-story 3-room dwelling.
 Owner—Lewis E. Hayes, 1150 87th Ave., Oakland.
 Architect—None. \$1200

DWELLING
 (4040) W TALBOT AVE. 105 N Truman St., Oakland, 1-story 5-room dwelling.
 Owner—C. A. Deland, 2951 Talbot Ave., Oakland.
 Architect—None. \$3000

DWELLING
 (4041) N WALNUT ST. 170 E 92nd Ave., Oakland, 1-story 5-room dwlg
 Owner—Henry Meyer, 9227 Walnut St., Oakland.
 Architect—None.
 Contractor—E. W. Dahl, 2435 East 24th St., Oakland. \$3150

DWELLING
 (4042) W SIXTY-EIGHTH AVE. 357 S Flora St., Oakland, 1-story 5-rm dwelling.
 Owner—J. J. Sullivan, 1608 72nd Ave., Oakland.
 Architect—None. \$4000

DWELLING
 (4043) NW COR. MOUNTAIN BLVD & Guido St., Oakland, 1-story 6-room dwelling.
 Owner—M. H. Hagenah.
 Architect—None.
 Contractor—Thad M. Tupper, 2310 Russell St., Berkeley. \$4000

ALTERATIONS
 (4044) 8016 BROOKDALE AVE., Oakland, Alterations.
 Owner—W. E. Murphy.
 Architect—None.
 Contractor—Harry Meyer, 3216 Brookdale Ave., Oakland. \$1000

DWELLING
 (4045) 1167 FIFTY-EIGHTH AVENUE Oakland, 1-story 4-room dwelling and garage.
 Owner—H. S. Foreman, 3411 Sheffield Ave., Oakland.
 Architect—None. \$2950

APARTMENTS
 (4046) S FORTIETH ST. 680 E Grove St., Oakland, 2-story 13-room apts.
 Owner—John A. McLeod.
 Architect—None.
 Contractor—Fred J. Westlund, 351 12th St., Oakland. \$12,725

DWELLINGS
 (4047) E ELSTON AVE. 70 N E-38th St. and E Cor. Elston Ave and 38th St., Oakland, Two 1-story 5-room dwellings.
 Owner—Mrs. Kathleen Miller, 1804 E-38th St., Oakland.
 Architect—None.
 Contractor—Duntion & Simon, 764½ Lydia St., Oakland. \$2500, \$3500

DWELLING
 (4048) S EAST ELEVENTH ST. 75 E 27th Ave., Oakland, 1-story 3-room dwelling.
 Owner—M. M. Silva, 2635 East 11th St., Oakland.
 Architect—None. \$1250

DWELLINGS (2)
 (4049) W 64TH AVE 150-187 S Avenal Ave., Oakland, Two 1-story 5-room dwellings.
 Owner—Chas. F. Brown, 1707 Broadway, Oakland.
 Architect—None. \$3000 each

DWELLING
 (4050) W 46TH ST 80 E MARKET ST., Oakland, 1-story 4-room dwlg.
 Owner—G. Vallino, 1127 Capital Street, San Francisco.
 Architect—None.
 Contractor—J. A. McCord, 3452 Davis St., Oakland. \$3500

DWELLING
 (4051) S EL CENTRO AVE., OPP. Benevides Ave., Oakland, 1-story 5-room dwelling.
 Owner—Reite Brothers, 470 Lincoln Ave., Oakland.
 Architect—None. \$4000

DWELLING
 (4052) E 76TH AVE 450 SE 14TH ST., Oakland, 1-story 5-room dwelling.
 Owner—Mrs. Louise Antone, 6568 East 14th St., Oakland.
 Architect—None.
 Contractor—August Perry, 1729 88th Ave., Oakland. \$5500

(4054) E 82ND AVE 80 S BLANCHE St., Oakland, 1-story 4-room dwlg.
 Owner—H. O. Pederson, 1355 83rd Ave., Oakland.
 Architect—None.
 Contractor—A. Bauer, 763 Maud Ave., San Francisco. \$2750

LUMBER SHED
 (4055) FOOT OF 18TH AVE., Oakland, 1-story lumber shed.
 Owner—Wm. Smith Company, Foot of 18th Ave., Oakland.
 Architect—None. \$2500

COTTAGE
 (4056) W LINE OF 34TH AVE. S OF E-16th St., Oakland, General construction on 1-story 5-room frame cottage.
 Owner—Robert P. Harding, 3925 Army St., San Francisco.
 Designer—P. J. Bold, 1657 35th Ave., Oakland.
 Contractor—P. J. Bold, 1657 35th Ave., Oakland.

Filed Aug. 4, '24. Dated August 4, '24.
 Frame up \$1125.00
 1st coat of plaster on 1125.00
 Completed 1125.00
 Usual 35 days 1125.00
 TOTAL COST, \$4500.00

Bond, none. Sureties, none. Forfeit, none. Limit, 90 working days after Aug. 4, 1924. Plans and specifications filed.

DWELLINGS
 (4057) 721 719 717 713 711 709 Hilldale Ave., Berkeley, 7 dwellings
 Owner—Lillian W. Beer, 5193 Hamilton St., Los Angeles.
 Architect—Northern Supply Co., 251 Kearny St., San Francisco.
 Contractor—W. D. Henderson, 619 Monadnock Bldg., S. F. \$5000 each

(4058) 1846 SAN RAMON, Berkeley, Dwelling.
 Owner—C. M. Norgrove, 2220 Roosevelt, Berkeley.
 Architect—None. \$5000

DWELLING
 (4059) 1631 OREGON, Berkeley, Dwlg.
 Owner—G. W. Owens, 1105 Santa Clara Ave., Alameda.
 Architect—None. \$3500

ALTERATIONS
 (4060) 1828 BAY ST., Alameda, Alterations.
 Owner—E. S. Ayers, 1828 Bay St., Alameda.
 Architect—None. \$1000

DWELLING
 (4061) 5007 CHRIST ST., Alameda, 3-room dwelling.
 Owner—M. Thomas, 1354 Regent St., Alameda.
 Architect—None.
 Contractor—Aron Bros., 1206 Franklin St., Oakland. \$2500

DWELLING
(4068) 1430 FOUNTAIN ST., Alameda.
5-room dwelling.
Owner—Willford & Klamlet 2327 Bayo
Vista Ave., Alameda.
Architect—None. \$3850

WAREHOUSE ETC.
(4063) N END OF CHESTNUT ST.,
Alameda. Warehouse bldg. and mill
building.
Owner—A. W. De Young, N end of
Chestnut St., Alameda.
Architect—None. \$2500 & \$1900

ALTERATIONS
(4064) 2056 ENCINAL AVE., Alameda.
Alterations.
Owner—H. C. Townsend, 2117 San An-
tonio Ave., Alameda.
Contractor—S. R. Tripp, 1409 Caroline
Alameda. \$2500

DWELLING
(4065) 463 CENTRAL AVE., Alameda.
3-room dwelling.
Owner—E. A. Donahoe 463 Central Ave
Alameda.
Architect—None.
Contractor—White & Boerner, 2414
Prince St., Berkeley. \$1895
ADDITION
(4066) 1820 WALNUT ST., Alameda.
Addition.
Owner—Mrs. P. A. Davis, 1820 Walnut
St., Alameda.
Architect—None.
Contractor—O. L. McCabe, Red Bluff.
\$2250

ALTERATIONS
(4067) 2123 & 2127 CLINTON AVENUE,
Alameda. Alterations.
Owner—Miss K. Creeton, Creeton, Al-
ameda Sanitarium, Alameda.
Architect—None.
Contractor—A. H. Vogt, 185 Stevenson
St., S. F. \$1000

DWELLING
(4068) 1025 VERSAILLES AVE., Ala-
ameda. 5-room dwelling.
Owner—G. H. Noble 1336 Park St., Ala-
ameda.
Architect—None. \$3000

DWELLING
(4069) E SIXTY-FIRST AVE. 120 N
East Lawn, Oakland. 1-story 5-
room dwelling and garage.
Owner—F. H. Henning, 1232 96th Ave.,
Oakland.
Architect—None. \$3125

(4070) NW COR. FORTY-SIXTH AND
Ygnacio Ave., Oakland. 1-story 6-
room dwelling.
Owner—F. J. Thurman, 950 54th Ave.,
Oakland.
Architect—None. \$3500

DWELLING
(4071) W TWENTY-SIXTH AVE. 150
NE 24th St., Oakland. 1-story 6-
room dwelling.
Owner—E. B. Gray, 222 Blake Block,
Oakland.
Architect—None.
Contractor—A. Smith, 1469 1st Ave.,
Oakland. \$4000

DWELLING
(4072) N LERIDA AVE. 100 W Walla
Vista Ave., Oakland. 1-story 5-rm
dwelling.
Owner—C. E. Bardwell, 522 Santa Ray
Ave., Oakland.
Architect—None. \$4000

DWELLING
(4073) E SIXTY-EIGHTH AVE. 300
333 N Florin St., Oakland. 2 1-story
8-room dwellings.
Owner—Wm. H. Sims, 1940 42nd Ave.,
Oakland.
Architect—None. \$3000 each

DWELLING
(4074) W THIRTIETH AVE. 225 S E-
14th St., Oakland. 2-story 4-room
dwelling.
Owner—O. R. Huddleston, 1235 30th
Ave., Oakland.
Architect—None.
Contractor—F. W. Dingin, 423 Orchard
St., Oakland. \$3500

DWELLING
(4075) S WISCONSIN ST. 115 E 35th
Ave., Oakland. 1-story 4-room
dwelling.
Owner—T. J. Belway, 3937 Magee Ave.
Oakland.
Architect—None. \$2000

DWELLING
(4076) W FIFTY-EIGHTH 37½ S
Camden St., Oakland. 1-story 5-
room dwelling.
Owner—Alfred E. Hoepner, 1631 Sher-
man St., Alameda.
Architect—None.
Contractor—A. F. Marshall Co., 1424
Franklin St., Oakland. \$4000

DWELLING
(4077) N TANGLEWOOD RD. 250 E
Stonewall Rd., Oakland. 2-story
8-room dwelling.
Owner—F. J. Swift, San Francisco.
Architect—Roland I. Stringham, 260
California St., S. F.
Contractor—Wm. Kat, 2430 Humboldt
Ave., Oakland. \$17,000

STORES & APTS.
(4078) NW COR. FORTY-THIRD AND
Telegraph Ave., Oakland. 2-story
stores and apartments.
Owner—J. H. Fitzgerald, Vallejo.
Architect—None.
Contractor—B. A. Stewart, 102 Magna-
lia Ave., Piedmont. \$15,000

DWELLING
(4079) SW COR. CAVANAUGH AND
Creed Rds., Oakland. 1-story 7-rm
dwelling.
Owner—Oscar E. Nelson, 2634 Highland
Ave., Oakland.
Architect—None. \$6850

DWELLING
(4080) S DALOTA ST. 225 E Laurel
Ave., Oakland. 1-story 4-room dwlg
* Owner—Chas. Sorensen, 3216 Delaware
St., Oakland.
Architect—None.
Contractor—A. Anderson, 3935 Whittle
Ave., Oakland. \$2650

ADDITION
(4081) NW COR. TWENTY-NINTH
Ave and E-12th St., Oakland. 8-
story steel and concrete addition.
Owner—Montgomery Ward & Company
2825 E-14th St., Oakland.
Architect—W. H. McAuley, Chicago.
Contractor—Wells Bros. Const. Co.,
2824 E-12th St., Oakland. \$450,000

STORES
(4082) N HOPKINS ST. 80 E Maple
Ave., Oakland. 1-story 4-rm stores.
Owner—Chas. Noller, 3245 Madeline St.,
Oakland.
Architect—None.
Contractor—A. Anderson, 3955 Whittle
Ave., Oakland. \$6750

FLATS & STORES
(4083) SE COR. FRUITVALE AVE. &
Davis St., Oakland. 2-story flats &
stores.
Owner—M. P. Brasch, 392 17th Street,
Oakland.
Architect—None. \$10,000

DWELLINGS
(4084) 1745 SIXTY-SEVENTH AVE.,
Oakland. 2 1-story 6-room dwlgs.
Owner—R. L. Owen, 523 61st St., Oak-
land.
Architect—None.
Contractor—D. T. Owen, 1732 50th Ave.
Oakland. \$3650

COTTAGE
(4085) POR LOT 1 BLOCK C MAP
of the Evoy Tract, Oakland. All
work for 3-room cottage.
Owner—C. G. Lister, 1365 Hearst Ave.,
Berkeley.
Architect—None.
Contractor—Geo. M. Graeber, 2322 Mc-
Gee Ave., Berkeley.

Filed Aug. 5, 1924. Dated July 15, 1924.
Frame work \$750
Plastered 750
Completed and accepted 750
Usual 35 days TOTAL COST \$3000
Bond, Forfeit, none; Limit, 60 working
days; Plans and specifications, none.

ALTERATIONS
(4086) BROADWAY NEAR FORTI-
eth St., Oakland. All work for 3-
story annex (alterations).
Owner—King's Daughters Home for
Incurables of Calif. (a corp.) 39th
and Broadway, Oakland.
Architect—Julia Morgan, 1135 Mer-
chants Exchange Bldg., S. F.
Contractor—D. B. Farquharson, 1760
Ellis, San Francisco.
Filed Aug. 1, 1924. Dated Aug. 2, 1924.
5th each month, % of value of labor
and materials incorporated less
previous payments.

Usual 35 days %
TOTAL COST, \$16,376
Bond, Forfeit, none; Limit, without
unnecessary delay; Plans and specifi-
cations filed.

APARTMENTS
(4087) 2436 WARRING, Berkeley.
Apartments.
Owner—Hannah J. Powell, 354 Alca-
traz Ave., Berkeley.
Architect—R. Z. McCoy, 1240 29th Ave.,
Oakland.
Contractor—H. W. McIntier Co., 1528
Franklin, Oakland. \$15,000

DWELLING
(4088) 1614 LINCOLN, Berkeley.
Apartments.
Owner—Mrs. E. Sampson, 1527 Sacra-
mento, Berkeley.
Architect—None.
Contractor—Paul Sampson, 1527 Sacra-
mento, Berkeley. \$4000

DWELLING
(4089) 30 THE UPLANDS, Berkeley.
Dwelling and garage.
Owner—J. A. Stroud, 60 The Uplands,
Berkeley.
Architect—C. C. Dakin, 3034 Hillegass,
Berkeley.
Contractor—Ben Pearson, 2403 Grant,
Berkeley. \$10,942

DWELLING
(4090) 1920½ PARKER, Berkeley.
Dwelling and garage.
Owner—J. A. Lindborg, 1920 Parker,
Berkeley.
Architect—None. \$1600

GARAGE ETC.
(4091) 38 BONITA, Piedmont. New
garage and alterations on house.
Owner—Walter Bryan.
Architect—None. \$2000

DWELLING
(4092) 55 LINCOLN AVE, Piedmont.
1-story 5-room dwelling & garage
Owner—J. A. Matthews, 644 Benvenue
Piedmont.
Architect—None. \$16,000

RESIDENCE
(4093) 560 JEROME AVE., Piedmont.
New 1-story 5-room residence.
Owner—Thos. Furlong, 961 Kingston
Ave., Piedmont.
Architect—None. \$6500

STORE
(4094) W THIRTY-EIGHTH AVE. 260
S Penniman Ave., Oakland. 1-story
store.
Owner—E. H. & A. S. Davison, 2865½
38th Ave., Oakland.
Architect—None.
Contractor—Western Bldg. Co., 5474
College Ave., Oakland. \$2365

DWELLING
(4095) 676 FIFTY-FIFTH ST., Oak-
land. 1-story 6-room dwelling.
Owner—L. Grosso, Oakland.
Architect—None.
Contractor—M. E. Valente, 5215 Locks-
ley Ave., Oakland. \$5000

DWELLING
(4096) 1865 SIXTY-SIXTH AVENUE,
Oakland. 1-story 3-room dwelling
and garage.
Owner—Daniel McCreight, 3734 East
14th St., Oakland.
Architect—None.
Contractor—C. A. Rogers, 240 Wayne
Ave., Oakland. \$2900

ELECTRIC SIGN
(4097) NE COR. TWELFTH AND
Washington Sts., Oakland. Elec-
tric sign.
Owner—Foreman & Clark, 12th and
Washington Sts., Oakland.
Architect—None.
Contractor—Bumfield Electric Sign
Co., 802 East 12th Street, Oak-
land. \$1500

DWELLING
(4098) 2701 FIFTY-FIFTH AVENUE,
Oakland. 1-story 5-room dwelling.
Owner—A. E. Orton, 2558 Seminary
Ave., Oakland.
Architect—None. \$5500

DWELLING
(4099) W SIXTIETH AVE. 80 N East-
lawn, Oakland. 1-story 8-rm dwlg.
Owner—G. E. Minnis and J. E. Gunder-
son, 604 17th St., Oakland.
Architect—None. \$3000

DWELLING
(4100) E HIGH ST. 88 1/4 N Kansas St.
Oakland. 1-story 5-room dwelling.
Owner—Mrs. Sadie Keaton, High St.
Oakland.
Contractor—E. W. Burton, 3484 Davis
St., Oakland. \$3000

DWELLING
(4101) 1744 EIGHTY-SEVENTH AVE.
Oakland. 1-story 6-room dwelling.
Owner—Joe St. Mary, 9415 East 14th
St., Oakland.
Architect—None. \$3950

DWELLING
(4102) E SIXTY-SIXTH AVE. 200 S
Beck St., Oakland. 1 1/2-story 6-
room dwelling.
Owner—H. Brandman
Architect—None.
Contractor—Oakley & Kolmodin, 1911
65th Ave., Oakland. \$4850

DWELLING
NO. 3020 GARBER, Berkeley. Dwelling.
Owner—Mrs. C. F. Weber, 2801 Clare-
mont, Berkeley.
Architect—Hudson Thomas, Merc.
Trust Bldg., Berkeley.
Contractor—Louis O. Hansen, 1409
Bonita, Berkeley. \$15,000

STORES
(4104) SE COR. SANTA CLARA AND
Walsworth Avenues, Oakland. All
work for 1-story brick (4 stores)
building.
Owner—A. Kalman, 118 E-14th St.,
Oakland.
Architect—A. Ortzow, Oakland.
Contractor—A. Ortzow, 3929 West St.,
Oakland.
Filed Aug. 6, 1924. Dated July 31, 1924.
Concrete foundations in.....\$1000
Brick work scaffold high..... 1500
Roof is on 1340
Completed and accepted..... 1500
Usual 35 days 1500
TOTAL COST, \$7340
Bond, yes; Sureties, United States Fi-
delity and Guaranty Co., Fidelity &
Guaranty, 155 working days after
Aug. 1, 1924; Plans and specifications
filed.

CHURCH
(4103) CHURCH FOR PARISH OF
St. Leo's (no further description).
All work for class C church bldg.
Owner—Roman Catholic Archbishop of
San Francisco, 1700 Franklin St.,
San Francisco.
Architect—George E. McCrea, 369 Pine
St., San Francisco.
Contractor—J. P. Brennan, 2110 Shat-
tuck Ave., Berkeley.
Filed Aug. 6, 1924. Dated July 25, 1924.
On or about 1st each month 75% of
labor and materials incorporated
less former payments.
On completion a sum sufficient to
bring total to 75% of contract price
Usual 35 days, balance.
TOTAL COST, \$84,500
Bond, yes; Sureties, Globe Fidelity
Co., Forfeit, \$25 per day; Limit, 150
days after Aug. 15, 1924; Plans and
specifications filed.

OAKLAND BUILDING SUMMARY

Following is report covering Oak-
land building operations during the
month of July, 1924:

	No. Permits	Cost
1-story dwellings.....	266	\$755,110
1-story 2-family dwlgs....	6	42,600
1-story dwelling & store..	1	1,500
1 1/2-story dwellings.....	6	34,550
2-story dwellings.....	22	140,300
2-story flats.....	5	37,300
2-story flats & stores....	3	30,000
2-story apartments.....	12	176,700
3-story apartments.....	2	62,500
1-story stores.....	6	12,600
1-story offices.....	3	4,200
1-story shop.....	2	5,813
1-story factory.....	1	2,500
1-story schools.....	12	18,000
1-story reading room.....	1	3,350
2-story office.....	1	5,000
1-story brick dwelling....	1	4,800
1-sto. brick service station	1	
1-story garage.....	6	51,000
1-story brick shop.....	1	5,500
1-story brick warehouse..	1	26,000
1-story brick stores.....	1	20,000
1-story brick laundry....	1	5,000

2-sto brick stores & offices	1	31,842
6-story brick and steel hotel	1	500,000
building.....	5	4,900
1-story tile garage.....	3	485
1-story tile boiler room...	3	3,750
1-story tile shop.....	1	850
1-story tile factory.....	1	12,000
2-story tile dwelling.....	6	3,630
1-story concrete garage....	1	22,000
2-story concrete stores and		
offices.....	1	20,000
2-story concrete warehouse		
Add'l cost.....	1	20,000
3-sto conc. stores & offices	1	7,500
1-story steel shed.....	1	1,000,000
12-story steel and concrete		
store and club.....	260	51,937
1-story garages and sheds	43	11,775
Electric signs.....	2	115
Roof signs.....	24	637
Billboards.....	111	101,314
Additions.....	160	82,477
Alterations & repairs.....	983	\$3,350,532
Total.....		

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded..... Accepted
July 31, 1924—363 DUTTON AVE SAN
Leandro. O. Waage to whom it may
concern..... July 31, 1924
July 31, 1924—552 WELDON AVE
Oakland. Henry and Cillios Hoff-
mann to Angela Icardi. July 28, 1924
July 31, 1924—LOT 3 & W 13 PT OF
Lot 4 Blk C Claremont Court,
Berkeley. John C. and Sofia Cha-
andler to Trannal and Bradhoff.....
July 25, 1924
July 31, '24—1840 THOUSAND OAKS
Blvd., Berkeley. Ella H. Brownlee
to E. Carpenter..... July 26, 1924
July 30, 1924—LOT 4 & SE 25 PT OF
Lot 5 Blk B Map of Bella Vista
Oakland. Martha H. Bradley to
whom it may concern..... July 28, 1924
July 31, 1924—LOT 105 & SW 12-6 OF
Lot 106 Blk 31 Amended Map of
Havenscourt, Oakland. R. R. Rugg
and J. E. Lisbon to whom it may
concern..... July 28, 1924
July 31, 1924—SW COR. BANCROFT
Way and Bowditch Sts., Berkeley.
The Masonic Club of the University
of Calif. Inc. to Harold N. Larsen
..... July 23, 1924
July 31, 1924—SW COR. BANCROFT
Way and Bowditch Sts., Berkeley.
The Masonic Club of the University
of Calif. Inc. to W. E. Scott and E.
L. Buttner (Scott-Buttner Electric
Co.)..... July 22, 1924
July 31, 1924—SW COR. BANCROFT
Way and Bowditch Sts., Berkeley.
The Masonic Club of the University
of Calif. Inc. to H. W. Fincke
(Ideal Heating Co.)..... July 22, 1924
July 31, 1924—LOT 12 BLOCK A
Reese Tract, Berkeley. Niels Es-
persen to whom it may concern.....
July 31, 1924
July 31, 1924—COR. ROSE & GROVE
Sts., Berkeley. Associated Oil Co.
to Jensen Brothers..... July 24, 1924
July 31, 1924—1800 SIXTY-SIXTH
Ave., Oakland. C. Tollefsen to
whom it may concern..... July 31, 1924
July 31, 1924—LOTS 50, 51 & 52
Alta Park..... Mrs. H. C. Cuning-
ham to whom it may concern..... July 31, '24
July 30, 1924—LOT 31 BLK 1122
Pleasant Valley Court, Oakland.
Herbert C. Johnson to whom it may
concern..... July 18, 1924
July 30, 1924—NO. 1147 AMADOR
Ave., Berkeley. Hans A. Hansson
to whom it may concern..... July 29, 1924
July 30, 1924—NO. 424 WAYNE AVE.
Oakland. Fred D. Alexander to A.
Meyer..... July 29, 1924
July 30, 1924—NO. 960 Cragmont
Ave., Berkeley. Elizabeth W. Es-
per to whom it may concern.....
July 29, 1924
July 30, 1924—LOT 255 BLK 2834
Terminal Junction Tract, Albany.
W I Booth to whom it may concern.....
July 30, 1924
July 30, 1924—SW FIFTY-FIFTH
Ave and Bond, Oakland. Vincent
Laurenck by M G Kendall, Agent
to whom it may concern..... July 29, '24
July 30, 1924—LOT 1 BLK 1, Map of
Fairview Heights, Brooklyn Twp.
Geo H Scott and Walter Savers to
whom it may concern..... Apr. 30, 1924

July 30, 1924—LOT 1 BLK 6, Lake-
mont, Oakland. Henry J. K... to
whom it may concern..... July 22, 1924
July 30, 1924—NO. 1285 HEARST AV.
Berkeley. Gertrude R Wall to
whom it may concern..... July 30, 1924
July 30, 1924—LOT 24, 24-1/2
S. Map New Town of Lynn, Brook-
lyn Twp. Joseph & Mary Flittner
to whom it may concern..... July 30, 1924
July 30, 1924—LOT Map of Dowling
Homestead Tract, Brooklyn Twp.
Joseph and Mary Flittner to whom
it may concern..... July 30, 1924
July 30, 1924—LOT 8 BLK R. Map of
Fourth Avenue Terrace, Oakland.
Joseph and Mary Flittner to whom
it may concern..... July 30, 1924
July 30, 1924—REG AT A PT. on a
line drawn parallel with and dist
167 at right angles SE from NW
line of Plot No. 8 as said plot line
is described in Decree of Partition
in action entitled Haralson vs
Renwick recorded in Liber 283 of
Deeds Page 147 in Alameda County
records. Thence SE 1/4 of S 1/4
NE 3/4 NW 118 to pt beg. Alnora
G Ackerman to whom it may con-
cern..... July 28, 1924
Aug. 1, 1924—SE COR. CEDAR AND
S. Pablo Ave., Oakland. J. J.
Murphy to Marshall & Burks.....
Aug. 1, 1924
Aug. 2, 1924—1141 SEVENTY-THIRD
Ave., Oakland. Glenn W. M... to
whom it may concern..... July 1, 1924
Aug. 2, 1924—LOT 14 BLK 2 Arling-
ton Heights, Berkeley; William
Grant to Fowler Mallett..... Aug. 1, '24
Aug. 2, 1924—W SIDE OF LAGUNA
180 N of Hopkins St., Oakland.
Milton J. Edmon to John M. Eas-
lerly..... Aug. 1, 1924
Aug. 2, 1924—LOT 20 BLK B, Ken-
wood Tract. M. F. Ralston to whom
it may concern..... July 24, 1924
Aug. 2, 1924—SW COR. CEDAR AND
Spruce Sts., Berkeley. Rector, War-
dens and Trustees of the Marks
Ish to John M. Bartlett by F. H.
Avery, agent..... July 30, 1924
Aug. 2, 1924—LOTS 11 & 12 BLK 23
Map of The Estudillo Tract SAN
Leandro. M. B. Marcello to Barr &
Sons..... July 28, 1924
Aug. 1, 1924—NO. EIGHTEENTH &
Feralta Sts., Oakland. J Schernan
to whom it may concern..... Aug. 1, '24
Aug. 1, 1924—NO. 418 FORTY-FIRST
St., Oakland. Julius Berck to
whom it may concern..... July 28, 1924
Aug. 1, 1924—NO. 59 RAMONA AVE.,
Oakland. G W Brown to whom it
may concern..... June 30, 1924
Aug. 1, 1924—LOT 16 Map Loma
Vista Tract, Oakland. Harry A.
Encell to Leroy M Baird. July 31, '24
July 31, 1924—LOT 46, 46-1/2
Crockett Oaks, Oakland. Emma
Cords to Alfred Cords..... July 30, 1924
Aug. 4, 1924—COM. AT A PT. ON E
line of Hawthorne Terrace dist. 13
ft. N of S line of Lot 7, Blk. 3,
thence N 84-74 ft. thence E 133-24
ft. N 15 E 10 S 48 E 5 ft. S 68 ft.
W 55 N 8.5 ft. W 55 ft. curving
to a right angle 28.3 ft. to pt. of
beg. Amended map of portion of
La Loma Park, Berkeley. H. H.
Whiting by C. E. Gottschalk,
agent, to Barr & Son. July 25, 1924
Aug. 4, 1924—N SIDE OF ALLSTON
Way 90 ft. W of Sacramento St.,
Berkeley. Florence M. Smith to S.
R. Coffey..... July 24, 1924
Aug. 4, 1924—LOT 107 AND NE 1/4
of Lot 106, Blk. 31, Havenscourt,
Oakland. C. W. Shade to whom it
may concern..... Aug. 4, 1924
Aug. 4, 1924—LOT 48 MAP OF
Dutton Manor Addition, SAN LE-
andro. G. M. Walters to Charles
Norman..... July 31, 1924
Aug. 4, 1924—LOT 14, BLK. 3, RE-
subdivision of part of E 1/4 S 1/4
Teachers State University Home-
stead, Berkeley. G. R. Blasingame
to whom it may concern..... Aug. 2, '24
Aug. 4, 1924—LOT 3, BLK. 11, MAP
of Eastlaw Oakland. F. L. Henning
to F. H. Henning July 23, 1924
Aug. 4, 1924—LOT 1 AND POR. LOT
2, Blk. A, Map of Fruitvale Villa
Tract, Brooklyn Twp. J. C. and
Olympia Allegretti to S. S. Stewart
..... Aug. 4, 1924
Aug. 4, 1924—LOT 12, BLK. A, Cen-
tral Terrace Tract, Oakland. Mrs.
C. K. Frederickson to C. F. Lodge
..... Aug. 2, 1924

Aug. 4, 1924—W SIDE OF 57TH AVE 40 ft. N of Harvey St., Oakland. C. F. Lodge to whom it may concern. Aug. 4, 1924
Aug. 4, 1924—3869 SUNSET ST., Oakland. George Raymond Warren to whom it may concern. Aug. 4, '24

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
July 31, 1924—LOT 12 BLK 6 Lake-
meadow Tract, Oakland. O. R. Thayer
vs. G. C. Estes. \$135
July 30, 1924—SW TWELFTH AND
Oak, Oakland. Murch-Williams Con-
struction Co vs M F Smith. 8
July 29, 1924—5361 MANILA AVE.,
Oakland. M Stulsaft Co vs M. F.
King and F. E. Moore. \$85.43
Aug. 2, 1924—LOT 8 BLOCK 17
Daley's Scenic Park, Berkeley.
Sunset Hardware Co. vs Bernard
Roy, Alice W. Brown, San Fran-
cisco Builders Inc. \$189.82
Aug. 1, 1924—LOT 8 BLK 17 Map
Daley's Scenic Park, Berkeley.
Santa Rosa Lumber Co vs Bernard
R Brown and San Francisco
Builders. \$863.65
Aug. 1, 1924—LOTS 10 AND 11 BLK
20, Map No. 6, Regents Park, Al-
bany. Americo Cabral vs Berkeley
Thousand Oaks Realty Co and
Clara Silva. \$2000
Aug. 4, 1924—LOT 17 - 18 - 19 AND
ptn. of 20 blk "D" Map of the land
of Oakland View Homestead Ass'n.
Rhodes-Jamieson & Co. vs. A. H.
Nunemaker & Estate of Wm. Letts
Oliver. \$197.26
Aug. 4, 1924—SW COR 12TH & OAK
Sts., Oakland. F. F. Smith & Co.
vs. M. F. Smith & Murch - Williams
Constr. Co. \$4078.10
Aug. 4, 1924—SW COR 12TH & OAK
Sts., Oakland. Murch - Williams
Constr. Co. vs. M. F. Smith & Co.
Constr. Co. \$15,030
Aug. 4, 1924—SW COR 12TH & OAK
Sts., Oakland. Andrew C. & John
E. Stewart vs Stewart Mantel &
Tile Co. vs. M. F. Smith & Murch-
Williams Constr. Co. \$700
Aug. 4, 1924—SW COR 12TH & OAK
Sts., Oakland. William Makin vs
M. F. Smith & Murch - Williams
Constr. Co. \$3486.10
Aug. 4, 1924—SW COR 12TH & OAK
Sts., Oakland. Roy A. Badt, Ray
G. Falk Badt, Falk & Co. vs. M. F.
Smith & Walter Murch. \$4315.50
Aug. 4, 1924—SW COR 12TH & OAK
Sts., Oakland. W. J. Tabor doing
business under the name of Oak-
land Roofing Co. vs. M. F. Smith
& Murch-Williams Constr. Co. \$1092

BUILDING CONTRACTS

SACRAMENTO COUNTY

DWELLING, one-story 4-room \$2800;
No. 2590 17th St., Sacramento;
owner, Harry Smith, 2590 17th St.,
Sacramento.
DWELLING, one-story 5-room and ga-
rage, \$3500; No. 849 56th St., Sacra-
mento; owner, L. Frank, 1611 4th
St., Sacramento; contractor, W. H.
Palmer.
DWELLING, one-story 5-room and ga-
rage, \$2700; No. 3854 4th Ave., Sacra-
mento; owner, D. E. Vevtor, 3848
4th Ave., Sacramento.
DWELLING, one-story 5-room and ga-
rage, \$3000; No. 3764 5th Ave.,
Sacramento; owner, H. R. Taylor,
2930 D St., Sacramento.
DWELLING, one-story 5-room, \$4900;
No. 609 35th St., Sacramento; own-
er, D. H. Greeley, 791 California
Fruit Bldg., Sacramento.
DWELLING, brick, 2-story 12-room and
garage, \$40,000; No. 1112 26th St.,
Sacto.; owner, Catholic Bishop,
2031 M St., Sacramento; contractor,
W. C. Keating, 525 Forum Bldg.,
Sacramento.
NURSES' home, 3-story 35-room, \$40,-
000; No. 4001 N St., Sacramento;
owner, Catholic Bishop; contractor,
W. C. Keating.
DWELLING, one-story 5-room and ga-
rage, \$3000; No. 632 39th St., Sacra-
mento; owner, M. M. Madas & Bro.,
2422 18th St., Sacramento; contrac-
tor, M. C. Valine, 3422 18th St.

DWELLING, one-story 6-room, \$5000;
No. 2720 Castro way, Sacramento;
owner, Geo. E. Moore, 3452 3rd Av.
Sacramento.
DWELLING, frame, one-story 5-room
and garage, \$3100; No. 1964 30th
St., Sacramento; owner, E. A.
Corum, 2533 Portola Way, Sacto.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
July 31, 1924—LOT 6 South Curtis
Oaks Sub 4, Sacramento. Katherine
M Chatterton to whom it may con-
cern. Aug. 1, 1924
July 31, 1924—LOT 521 W. & K. T. et
19, Sacramento. Viola M Robin to
whom it may concern. July 29, 1924
July 31, 1924—LOT 3, Crescent Park
Sacramento. C A Cook to whom it
may concern. July 30, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
July 31, 1924—LOT 65, Showler Terr.,
Sacramento. Oak Park Lumber &
Mill Co vs Alyce M Myers and
Lorel (vire). \$462.83

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$2800; No.
2218 E-Church St., Stockton; own-
er, Harry Hanson, 1510 E-Anders-
on St., Stockton.
DWELLING & garage, \$2600; No. 2304
E-Alma St., Stockton; owner, N.
M. Streets, 2420 E-Alma St., Stock-
ton.
DWELLING and garage, \$5000; No.
1655 Acadia Ave., Stockton; owner,
L. T. Newton, 123 W-Acadia Ave.,
Stockton; contractor, C. E. Totten,
825 Yosemite St., Stockton.
DWELLING & garage, \$3500; No. 1650
Picardy Drive, Stockton; owner,
L. T. Newton, 123 W-Acadia Ave.,
Stockton; contractor, C. E. Totten,
825 Yosemite St., Stockton.
REMODEL, \$5000; No. 444 E-Main St.,
Stockton; owner, Hodgkins, Bar-
nett & Haas, 34 N-San Joaquin St.,
Stockton; contractor, J. F. Shep-
herd, 2341 N-Madison St., Stockton

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Accepted
Aug. 2, 1924—LOTS 2, 4 AND 6 BLK
20, Villa Addn to City of Stockton
otherwise known as No. 2173 E-
Scott Ave., Stockton. Stockton
Lumber Co vs James and Rosie I.
Lobar and Charles Garfield. \$206.24
Aug. 2, 1924—SEC 8 T 2 S R 9 E con-
taining 7057 Acres, Stockton. H A
Trueblood vs C G Reynolds and
Estate A B Shoemaker. \$346.45

BUILDING CONTRACTS

SANTA CLARA COUNTY

STORE BLDG.
SE CORNER FIFTH & SANTA CLARA
Streets, San Jose. All work for
1-story store building.
Owner—Cyril C. Lotz, 2068 Allston Way
Berkeley.
Architect—Binder & Curtis, 30 W San
Carlos, San Jose.
Contractor—Charles A. Thomas, 127
Clayton, San Jose.
Filed Aug. 1, 1924. Dated July 31, 1924.
As work progresses. 75%
Usual 35 days. 25%
TOTAL COST, \$14,449
Bond, \$7225; Sureties, A. C. Hansen, J.
A. Chase; Forfeit, no Limit, 70 days
from July 31, 1924; Plans and speci-
fications filed.

RESIDENCE
LOT 11 BLK 1, Palm Haven, San Jose.
All work for one-story frame resi-
dence and garage.
Owner—C. O. Bossemeyer, 840 Plaza
Drive, San Jose.
Architect—Wolfe & Higgins, 93-96 Au-
zerals Bldg., San Jose.
Contractor—Charles S. Collins, Rhodes
Court San Jose.
Filed July 30, '24. Dated July 28, '24.
Frame up. \$1500
1st coat plaster on. 1000
Building Completed. 1000
Usual 35 days. 1000
Bond, \$2250. Sureties, Wm. Martin and
Edith C. Collins. Limit, 70 days from
July 30, 1924. Forfeit, none. Plans and
specifications filed.

ALTERATIONS, \$1000; 702 S Tenth,
San Jose; owner, Jesse Hauks, 702
S Tenth, San Jose; contractor, E. L.
Slagter, 152 S Ninth, San Jose.
EXCAVATE basement and new steel
and concrete foundation, \$71,000;
Sta. Clara and Market, San Jose;
owner, L. Hart & Son, Inc., Sta.
Clara & Market, San Jose; archi-
tect, B. J. Joseph, 522-24 Cal Bldg.
S. F.; contractor, H. C. Jorgensen,
Smout Bldg., San Jose.
COTTAGE, 4-room, \$1975; Plum and
Goodyear, San Jose; owner, Glo-
vanni Arena, Plum and Goodyear,
San Jose.
STORE & OFFICE BLDG., 4-sto., \$33,-
000; First and San Carlos, San Jose
owner, St. Claire Realty Co.; archi-
tect, Weeks & Day; contractor, Ca-
hill Bros., Inc., 55 New Montgomery
St., San Francisco.
COTTAGE, 5-room, \$4500; Plaza Drive
Palm Haven, San Jose; owner, C.
O. Bossemeyer, 48 E San Antonio;
architect, Wolfe & Higgins, Auze-
rais Bldg.; contractor, Chas. Collins
14 Rhodes Ct., San Jose.
COTTAGE, 6-room, \$4000; 9th near
Martha, San Jose; owner, A. E.
Cheffers, 401 N 16th, San Jose;
architect, The Minton Co., 3 W Sta
Clara St., San Jose.
COTTAGE, 4-room, \$2500; 20th near
San Fernando, San Jose; owner,
Mrs. D. L. Ross, 20th near San Fer-
nando, San Jose.
ALTERATIONS, \$550; 238 S First, San
Jose; owner, F. L. Burrell, 41 N
Tenth, San Jose; architect, Binder
& Curtis, Einder Bldg., San Jose;
contractor, Morrison Bros., Build-
ers Exchange.
COTTAGE, 5-room, \$2250; S 21st near
Beach, San Jose; owner, August
Anderson, 854 State, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
July 30, 1924 — LOT 11 BLOCK 2
Ocean Park. William H. O'Neill to
whom it may concern. July 30, 1924
July 31, 1924—MTN VIEW HIGH SCHOOL
High School Site. Board of Trus-
tees of the Mtn. View Union High
School Dist. to Nathan-Dohrmann
Co. July 29, 1924
July 31, 1924—NEW HIGH SCHOOL
site at Mtn View, Cal. Board of
Trustees of the Mtn View Union
High School District. Western
Scenic Studios. Aug 15, 1924
July 31, 1924—LOTS 15 & 16 BLOCK
23 Lendrum Tract. B. H. Painter to
whom it may concern. July 31, 1924

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Aug. 2, 1924—BEING ALL LOTS 39
40 and part Lot 52 Block 30, Palo
Alto. Arthur Roller & A. Hap-
good to whom it may concern.....
July 31, 1924

August 2, 1924—LOT 5 HANCHETT
Court. B. J. Smith to whom it may
concern..... Aug. 2, 1924

Aug. 2, 1924—LOT 35 HANCHETT
Court (R 45), Louis Schnittger to
whom it may concern..... Aug. 2, 1924

Aug. 2, 1924—LOTS 11, 14 & 8 R. W.
Maceo SW addition, Domenick
Grassano to whom it may concern
..... July 31, 1924

Aug. 2, 1924—Lot 23 J. M. NELSON'S
Nob Hill Sub Division, C. J. and
Kathryn L. Gray to whom it may
concern..... Aug. 1, 1924

Aug. 4, 1924—NE COR. ORCHARD &
Union Street, San Jose. Frank Lau-
ricella to whom it may concern.....
July 30, 1924

Aug. 4, 1924—LOTS 6 BLOCK 2 LOTS
4, 5, 6, 7 Block 3 Burrell's Resub-
division, W. L. Brazelton to whom
it may concern..... Aug. 4, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded
Aug. 1, 1924—NORTH 40 FT OF LOT
12 Block 24 Beach's Addn to E San
Jose, Cal. B. J. Smith vs H. J.
Kinner..... \$214.50

Aug. 4, 1924—LOTS 18, 19 BLOCK 23
Lendrum Tract and Brassy Ahlers.
Tilden Lumber & Mill Co. vs B. H.
Painter..... \$137.78

Aug. 1, 1924—LOTS 18, 19 BLOCK
23 Subdivision of Lendrum Tract
and Brassy Ahlers Tract. Sunset
Lumber Co. vs B. H. Painter. \$108.25

Aug. 1, 1924—E EIGHTH ST. 187 1/2 S
Santa Clara St. being No. 25 So.
8th St., San Jose. Amos Buck vs
Samuel B. & Rosa T. Wright..... \$392.53

Aug. 1, 1924—W TWENTY-FIRST
ST. 3 7/11 ft. from line between 16, 17
Block 16 Beach's Addition NW
56.19 ft x 116 ft. William & Russo
vs Michel K. & Minnie C. Miller.....
\$137.78

Aug. 2, 1924—LOT 14 BLOCK 13 Han-
chett Residence, James H. Lawson
vs Christian Samuelson..... \$48.95

Aug. 4, 1924—LOTS 75, 76 VENDOME
Addition, Sunset Lumber Co. vs
Ervin Broz, Frances Broz..... \$74.40

Aug. 4, 1924—LOT 18 BLOCK 11 Len-
drum Tract. Sunset Lumber Co. vs
James E. & Dorothy M. Lewis..... \$86.60

Aug. 4, 1924—LOT 4 BLOCK 25
Beachs Addn to East San Jose.
Sunset Lumber Co. vs August Mil-
lean..... \$130.75

BUILDING CONTRACTS

FRESNO COUNTY

SCHOOL
IN SCHOOL DISTRICT, Fresno. Ex-
cavating, concrete, carpentry, mill-
work, hardware and glazing for
school building.
Owner—Figarden School District,
Fresno.
Architect—E. J. Kump Co., Rowell
Bldg., Fresno.

Contractor—McGinty Constr. Co., 1298
College St., Fresno.
Filed July 31, '24. Dated July 18, '24.
As work progresses..... 75c
Usual 35 days..... Balance
TOTAL COST, \$9151

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

STEEL AND IRON WORK ON ABOVE
Contractor—Kyle & Co., 333 G St.,
Fresno.
Filed July 31, '24. Dated July 18, '24.
Payments same as above.....
TOTAL COST, \$783

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

BRICK WORK ON ABOVE.
Contractor—Paul Kindler, 145 N-Van
Ness Ave., Fresno.
Filed July 31, '24. Dated July 18, '24.
Payments same as above.....
TOTAL COST, \$3025

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

PLASTERING ON ABOVE.
Contractor—Shorb & Neads, 627 Mc-
Kinley St., Fresno.
Filed July 31, '24. Dated July 18, '24.
Payments same as above.....
TOTAL COST, \$1205

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

SHEET METAL WORK ON ABOVE.
Contractor—Barett-Hicks Co., 1031
Broadway, Fresno.
Filed July 31, '24. Dated July 18, '24.
Payments same as above.....
TOTAL COST, \$212

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

POOFING ON ABOVE.
Contractor—C. F. McMullen, 165 Broad-
way, Fresno.
Filed July 31, '24. Dated July 18, '24.
Payments same as above.....
TOTAL COST, \$824

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

PLUMBING ON ABOVE.
Contractor—E. E. Mandell.
Filed July 31, '24. Dated July 18, '24.
Payments same as above.....
TOTAL COST, \$968

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

ELECTRICAL WORK ON ABOVE.
Contractor—Pinedale Elec. Co., Fresno.
Filed July 31, '24. Dated July 18, '24.
Payments same as above.....
TOTAL COST, \$482

Bond, \$—, Surety, —, Limit, Sept.
15, 1924. Forfeit, plans and specifica-
tions, none.

COMPLETION NOTICES

FRESNO COUNTY

Recorded
July 31, 1924—LOTS 17 AND 18 BLK
11, Dean Park, Fresno. Arthur
Frame to whom it may concern.....
July 30, 1924

July 31, 1924—PTN LOTS 17, 18 &
19 Blk 107, Fresno. St. Paul M E
Church to J A McCullough.....
July 30, 1924

Aug. 2, 1924—LOTS 23 AND 24 BLK
2, Roeding Addn, Fresno. Helen
J Archer to whom it may concern
..... July 31, 1924

Aug. 2, 1924—E 50 FT. OF W 100 FT.
of Lot 4 Blk 4, Hazelwood Addn,
Fresno. Stuart Evans to whom it
may concern..... Aug. 1, 1924

LIENS FILED

FRESNO COUNTY

Recorded
Aug. 2, 1924—LOTS 15 AND 16 BLK
1, German Add, Fresno. Fred M
Tolle vs Alex Satter and P A Wolf
Constr. Co..... \$38

Aug. 2, 1924—LOTS 39 AND 40 BLK
1, Dale Addn, Fresno. Fred M Tolle
vs Henry Wagner and P A Wolf
Constr Co..... \$28

Aug. 2, 1924—LOTS 15 AND 16 BLK
1, German Add, Fresno. W J Bat-
dorf, \$140; T L Messick, \$101; J H
Rine, \$164 vs Alex Satter.....

ROCK PLANT FOR RENO IS CON- TEMPLATED

Involving the expenditure of approx-
imately \$50,000, the immediate enlarge-
ment of the Rock Products Company's
plant on East Fourth street at Reno,
Nevada, to include the manufacture of
wall plaster, plaster of Paris and other
gypsum by-products is announced by
Paul Butler, vice president of the Reno
concern.

Contracts have been signed with W.
J. Walmsley, superintendent of the
Pacific Portland Cement Company, and
H. Larmour, company chemist, to take
part in developing the new industry. A
gypsum claim near Mason has already
been purchased and negotiations are
under way to acquire additional de-
posits.

New machinery is to be installed and
the enlarged plant is expected to begin
operations by September 1. Between
50 and 60 men will be employed.

Building tile, roofing, flooring and
composition board are but a few of the
company's products at present which
are manufactured from a red dia-
tomaceous earth deposit near Verdi,
under a formula developed by Butler
and bearing his name.

Officers of the company are: C. E.
Clough, president; Paul Butler, vice-
president; Frank H. Norcross, secre-
tary; T. O. Ward, treasurer; V. E.
Maher, director.

Phone Franklin 9400

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machinery, etc. Send for rates in your territory, ad-
vising class of work in which you are interested.

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GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash
Frames and Mouldings
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Outside and Inside House Paints
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Porch and Step Paint
Decoret (Varnish Stain)

Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for
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YAKIMA



Publication Office
218 Mission Street

SAN FRANCISCO, CALIF., AUGUST 16, 1924

Published Every Saturday
Twenty-fourth Year No. 33

Schumacher

Office
210 American Bank Building, S. F.

*Permanence
Economy*

Wall

Warehouses

San Francisco Oakland
San Rafael

*Appearance
Comfort*

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The
**Heavy Duty
Mixer**



Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—**dominant strength concrete**—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete.
Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog F 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

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HARRON, RICKARD & McCONE CO.
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., AUGUST 16, 1924

Twenty-fourth Year No. 33



No. 815 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

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DICTIONARY OF SPECIFICATIONS

Several important developments in the work on the dictionary or handbook of specifications have taken place recently, according to the July 10 Technical News Bulletin of the U. S. Bureau of Standards, the last bulletin was issued. The National Association of Purchasing Agents, with which the National Conference of Government Purchasing Agents is closely affiliated, has undertaken to distribute copies of all the preliminary classified indices of existing specifications to its affiliated associations (numbering about fifty) which are appointing specifications councillors to whom these indices are being referred for comment and criticism. The National Lumber Manufacturers' Association has commenced the preparation of a lumber handbook, the work on which will be conducted under the auspices of the Central Committee on Lumber Standards. This undertaking will be carried on in such a manner as to meet the approval of both the producer and the consumer organizations interested in this subject, both of which will be given abundant opportunity to co-operate. It is understood that the Central Committee on Lumber Standards, which has been functioning in close co-operation with the Division of Simplified Practice, will co-operate in a similar manner in connection with the work on the dictionary of specifications. Very helpful assistance is also being obtained from the American Marine Standards Committee, which bears a similar relation to the Division of Simplified Practice, and welcomes the opportunity to co-operate in this work.

STATE HIGHWAY SYSTEMS HELD GREAT PROBLEM

"Realization of the possibilities of highway transportation is one of the most important commercial problems confronting America," said Arthur H. DeBra, civil engineer and general contractor, who arrived in San Francisco, Aug. 10, from New York.

DeBra, as an engineer, has assisted in planning the development of highway systems in New York and several of the New England states. He is stopping at the Whitcomb Hotel.

"Local highways in the United States," said DeBra, "must be planned to fit in with state highway systems and then, in turn, to interlock with the national scheme of transportation. From a construction standpoint, all highways should be built on the one invariable principal: to yield a maximum amount of service at a minimum mileage cost.

"Highway transportation is now recognized as an essential element in the general transportation scheme of the country. For practical service, civilization has produced three types of transportation: rail, water and the highway system. Any one of these modes of transportation has its field of operation with accompanying limitations. The method of transportation that is best adapted to serve a certain community or adjoining communities will gradually be developed in that territory. Rail transportation has never entirely replaced shipping by water and highway systems will never supplant the railroads.

"Local state and national groups that plan roads should consist of men who have a vision of the future values of a fully developed highway system to the prosperity of the country. They should be given sufficient time in office to develop their plans and their administration should be free from the shifting winds of politics.

"This is my first visit to California and, as yet, I have had no opportunity to study your highway system. My impressions from the railroad train, however, is good. If your roads in the interior are as good as at the crossings, they are as serviceable as any I've seen in the country."

BIG TIMBER DEVELOPMENTS ARE RUMORED AT KLAMATH FALLS

The presence in Klamath Falls, Ore., of J. F. Hennessy, general manager of the Shevlin-Hixon lumber mills at Bend, coupled with the fact that the Bend company has been negotiating for the purchase of the Modoc Lumber Company mill at Chiloquin, is believed an indication that the Shevlin-Hixon Company will utilize a Klamath County mill to manufacture the enormous timber holdings acquired through its purchase of the North Marsh timber unit of the Klamath Indian reservation.

Accompanying Hennessy were J. H. Meister, logging superintendent of the company, and F. W. Horskotte, mill designer, who built the plant now operated by the Shevlin-Hixon Company at Bend. None of the three would affirm or deny the report that the company would operate at Klamath Falls.

Acquisition of the Modoc mill would place the Shevlin-Hixon company in a strategic position to control adjacent timber on the reservation not yet sold.

STEEL REINFORCING BARS TO BE SIMPLIFIED

Because of a large number of varying specifications for steel reinforcing bars used in construction of roads, bridges, and buildings and other structures, proposals for simplification of the varieties of this commodity will be considered at a meeting on September 9 in the Department of Commerce. It was announced recently by the Division of Simplified Practice, under whose auspices the conference will be held.

Based upon an analysis of experience and sales demand, it has been suggested by representative dealers that the following sizes of steel reinforcing bars be used as a basis for a simplified practice recommendation:—Square $\frac{1}{2}$ inch, 1 inch, $1\frac{1}{4}$ inch and $1\frac{1}{2}$ inch. Round— $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 inch.

Surveys reported to the Division show that many rolling mills, manufacturers, dealers and consuming interests have already adopted these sizes, which can be supplied economically by all producers. It is declared that the range in the recommended sizes would be sufficient to supplant the 15 sizes now used in each style.

Endorsement of the recommended sizes will be asked from Government departments and technical bodies, as well as architects, contractors, engineers, bridge and road builders as well as other consuming interests.

As to the flat-shaped bars, no suggestions have been made, but it is expected that existing conditions will be discussed and a survey may result.

Suggestions have been received by the Division that an "intermediate" grade, embodying the desirable features of "structural" and "high carbon" grades, would enable dealers to cut their stocks from 30 piles to half that number, or even to one-third if one grade were adopted. The question of a future course of action concerning an adequate and sufficient grade of steel will be referred to technical bodies concerned.

CHANGES IN STATE HIGHWAY BRIDGE DEPARTMENT

Acting Bridge Engineer H. D. Miller, since the reorganization of the Bridge Department of the State Highway Commission to include supervision of bridge construction, has named several assistants. F. W. Haselwood, formerly assistant division engineer in Division I, has been placed in charge of all railroad grade crossing elimination work. He also will represent the state highway engineer on the recently created grade crossing committee, fostered by the California State Automobile Association. Stewart Mitchell, formerly assistant bridge engineer of the Oregon State Highway Department, has been appointed assistant bridge engineer, following a recent civil service examination. He will be in charge of the construction of the \$400,000 Memorial bridge over the Klamath River. D. C. Willett also has been appointed assistant bridge engineer. He will continue to act as office engineer. L. D. Packard, formerly with Division VII, has been chosen to assist Mr. Miller in the supervision of bridge construction in the field and will have direct charge of certain portions of this work.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



Willis Reid has been appointed plumbing inspector of Delano, Calif.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

S. F. BUILDERS ATTACK LIEN LAW PROVISION

That part of the lien law which permits material people to sell material to anybody claiming to be a contractor regardless of responsibility and having them provide of placement a lien on a job where the material was used in this law are not good, has aroused the antagonism of the general contractors of San Francisco. At a recent meeting of the contractors the law was declared to be a misnomer and a detriment to responsible business instead of a stimulant, according to E. T. Thurston, secretary of the General Contractors.

"At this meeting," said Thurston, "it was argued, that under the guise of protection to otherwise helpless workmen from being done out of their wages, the measure was framed to include also material men, contractors and architects who are no more in need of such a free public collection agency than are merchants and professional men in other lines of business."

"The mechanic ordinarily has no means for ascertaining in advance the responsibility of the person who proposes to employ him, and can not, of course, exact a bond or retainer, but business concerns in other lines have their credit departments and associations whereof a customer must establish a proper rating before being granted material credit."

"The operation of the present lien law has encouraged loose business methods and extensions of credit to everybody without question, and thus has opened wide the door to anyone who chooses to pose as a contractor. This law is more to blame for shoddy work in building construction than any other influence."

A. A. E. BUILDING CODE COMMITTEE IS NAMED

At a district meeting of the American Association of Engineers, held in San Francisco recently, R. B. Taplin of Long Beach was made chairman of a committee to draft a model building code for the state.

At the present time the building code of the different cities differ so much it was deemed advisable to draft a code that would meet the requirements of each city and apply to all.

The chairman announces appointments to this committee is complete with the exception of Los Angeles and Honolulu. The personnel of the committee to date:

R. B. Taplin, chairman, Chief Building Inspector, Long Beach; Frank Gentry, architect, Long Beach; J. J. Rosedale, consulting engineer, San Francisco, and Clarence F. Kromer, Chief Structural Engineer, Division Architecture, State Dept. Public Works, Sacramento. Representatives from Los Angeles and Honolulu will be announced in the near future.

BUILDING TRADES COURSES IN SACRAMENTO SCHOOLS

Two new courses—one in sheet metal work and the other in plumbing—are to be instituted at the Sacramento Shop School this fall.

The action of the Board of Education in providing for such courses is in line with the policy that the study of trades should be given attention by the city's educational forces as well as the study of more aesthetic things.

AUGUST 30, 31 AND SEPTEMBER 1, 1924

Casa Del Rey, Santa Cruz, California

To be held under the Auspices of the
San Francisco Builders' Exchange

Annual Convention of California State Builders' Exchange.

BUILDERS TO FROLIC AT CASA DEL REY

Three days of fun, frolic and frivolity will be the theme of the fifth annual session of the Builders' Exchange at Casa Del Rey, Aug. 30 to Sept. 1, inclusive. There will be SOME business transacted between acts of the "greatest show on earth" that will rouse the residents of Casa Del Rey from their summer lethargy.

Yea brethren it will be SOME PARTY. "The Builders' Road Show" is now busily engaged in rehearsals and they promise to rock that train with laughter and merriment. "Sandy" Pratt's stone and gravel crushers will have nothing on the way noise that the "Rock Show" can't go one better. Then the now famous "Builders' Exchange Follies of 1924" will make life worth while at Santa Cruz. Each night promptly at midnight this great aggregation of stars will strut their paces and guarantee to crack your sides with laughter with their merry jests and quips at the expense of various members of the Exchange. And this is not all. There won't be time for sleep judging by the great program arranged. Every day there will be entertainment features. There will be a treasure hunt for the children led by Captain Kidd and his brigands; there will be a great water carnival headed by King Neptune and the greatest array of shapely mermaids ever gathered on this coast will strive to outdo the Atlantic City beauty revue. There will be sports for fat men and thin men, for young ladies and old ladies, for strenuous boys and studious boys and one of the greatest contests of the sessions will be the ever to be remembered "nail driving contest" for ladies on which the betting will be two to one on the ladies fingers and against the nail.

The committee of industrious industrial workers who are working night and day to make this fifth annual convention a record breaker is composed of William J. Feary, Holmes Lime & Cement Co. chairman; Joe B. Crowe, Crowe Glass Works, secretary; Steve I. Guerin, J. S. Guerin Co.; Clarence F. Pratt, Pratt Building Material Co.; Emil Hogberg, brick contractor; Chas. O. Munson, lathing contractor; William Bateman, planing mill; Chris J. Hillard, C. J. Hillard Co.; John W. Bender, Bender Roofing Co.; R. B. Cleghorn, Proctor & Cleghorn, general contractors; W. B. Rue, California Brick Co.; James E. Fennell, Fennell & Chisholm Co., general contractors. Spiers.

National Lumber & Planing Mill at Hoquiam, Wash., suffers fire loss aggregating \$1,000,000, Aug. 11. The mill and approximately 8,000,000 feet of lumber were destroyed. The plant employed 500 men.

CHICAGO BUILDING TRADES ARE ENJOINED

Judge James H. Wilkerson recently issued in the federal court temporary injunction restraining the International Brotherhood of Electrical Workers Local No. 134 and a number of other unions from interfering with the Western Union Telegraph Company. The case arose out of a general strike called on the Illinois Merchants' Trust Building when the telegraph company employed non-union labor for the installation of call boxes and ticker wires. The written decision handed down by Judge Wilkerson declared: "Broadly speaking, any American citizen has the right to quit work whenever he chooses, unless in quitting work he is furthering a criminal conspiracy. The crime in this case is in going to work with the understanding which is part of the conspiracy, and later quitting work in furtherance of that conspiracy."

SUB-BIDS WORTH FIFTY CENTS IN JOB LOTS

The mystery has been solved! At last the true facts relative to the story which has been bothering contractors at meetings during the last few months, have been unearthed. W. B. Summerson, president of the Columbia, South Carolina General Contractors' Association, has announced his successful sleuthing of the problem as to how the defunct builder, who by energy, persistence, undeviating attention to business and a legacy of \$99,999.50, managed to leave an estate of \$100,000.

By personal efforts, unassisted by Costo E. Means, Mr. Summerson has discovered where the other fifty cents came from. Uncontrovertible evidence points to the fact, according to this investigator, that this hitherto unaccounted for half dollar was made by peddling sub-bids.

ENJOY BARBECUE

The lathing and bricklaying crafts of the Contra Costa County Builders' Exchange, with headquarters at Richmond, served a barbecue to members following the August 8 meeting. Those who prepared the tables were A. C. Winchelo, C. H. Brown, George Ingram and James Walker. The roasting of the meat was done by R. C.

OAKLAND PLUMBERS ELECT

L. J. Kruse was elected president of the Master Plumbers' Association of Oakland, Berkeley and Alameda for the coming year at the July election. The officials elected to serve with him are W. H. Picard, vice-president; A. H. McKown, treasurer; J. B. Morse, secretary, and P. H. Blake, sergeant-at-arms.

CONCRETE WORK AT WILSON DAM, MUSCLE SHOALS*

By R. P. Brown, Construction Engineer National Lime Association

The work now under way at Muscle Shoals, which is on the Tennessee River near the towns of Florence and Sheffield, Ala., is of particular interest at this time. Likewise, the concrete work at the dam, commonly known as the Wilson Dam, is of special interest to engineers, architects and contractors, because of the high class of workmanship and the results secured under all conditions.

Before discussing the concrete work in particular, it will be interesting to note some of the salient features of the project. The development of Muscle Shoals and the construction of the Wilson Dam was undertaken by the Government early in 1918 in connection with the manufacture of nitrates for munitions in time of war and fertilizers in peace times.

The project was assigned to the U. S. Engineer Corps and the design for the dam was prepared under the direction of Colonel Hugh L. Cooper, who was in active service when the project was inaugurated. The construction was undertaken by the government, using hired forces. Due to the magnitude of the work a special district was created and at present Lt. Col. George Spalding, U. S. District Engineer, Florence District, has direct charge of all construction for the Government. The Hugh L. Cooper & Co. organization now have charge of all design and inspection work in connection with the dam. These two organizations are working in complete harmony and will soon complete the largest concrete project in the world.

The Size of the Project.—The total length of the composite structure, or Wilson Dam, is about 4500 ft. The powerhouse section of the dam abutting the south shore, is 1,250 ft. long; the dam proper, or spillway section, extends from the north end of the powerhouse to the lock, and is 3,050 ft. long. The lock section extends from the dam to the north shore, 200 ft.

The powerhouse unit, 1,250 ft. long, 160 ft. wide and 134 ft. high, will house 18 turbine generators. Four of these units will produce 30,000 h.p. each, while the other 14 units will each deliver 35,000 h.p., making available a total of 600,000 h.p. when the project is complete. This will be equivalent to approximately 700,000 kilowatt hours of primary power per year and 1,490,000,000 kilowatt hours of secondary power per annum.

From the river bed to the crest of the dam or spillway it is 95 ft., while the total height, from foundation to operating bridge, is 140 ft. The base of the dam is 105 ft. thick, the design being of the gravity type.

Concrete Required.—The accompanying chart presents a striking illustration of the comparative size of this dam, the powerhouse section alone containing nearly half again as much concrete as does the Roosevelt Dam in Arizona, which structure is of considerable size and importance.

The lock section will require approximately 76,600 cu. yd. of concrete, the spillway section 703,285 cu. yd., and the powerhouse section requires 511,500 cu. yd.; a total of 1,291,385 cu. yd.

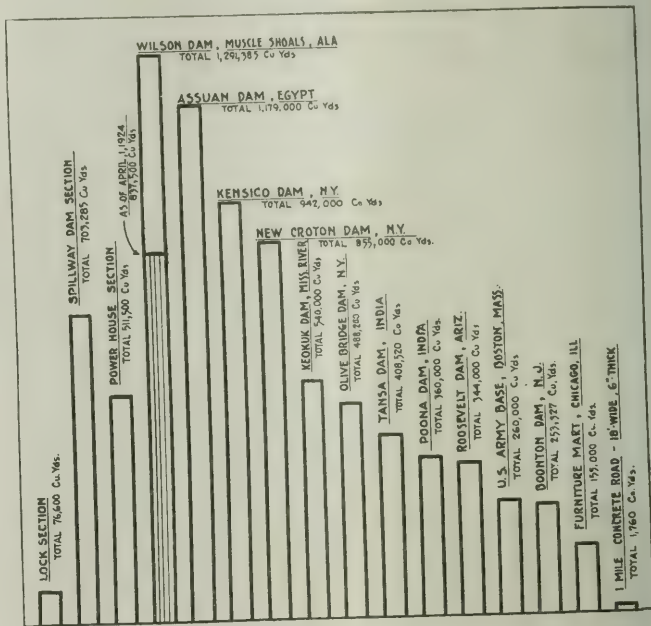
Construction Equipment.—To handle this mammoth undertaking requires 27

Construction Features of Largest Concrete Project in the world described in paper presented May 20 at Annual Convention of the National Lime Association.

miles of standard gauge railroad and a force of about 2,500 men working in 3 shifts. Three central mixing plants supply concrete for the entire job. One plant is on the north shore, and one is on the south shore of the river, while the third and largest mixing plant is located near the center of the work, on Jackson's Island. The north and south shore plants each have two 2-yd. mixers, while the Jackson Island plant

discharge into 2 or 4 cu. yd. buckets, sacks.

Proportions are based on the voids in the sand and gravel, the coarse aggregate being tested two or three times during each shift, or from six to nine times a day, to keep the mix constant. Each yard of concrete contains 25 cu. ft. of gravel or stone and 5 or 6 sacks of cement, the amount of cement depending upon where the concrete is to be used. This leaves only the sand subject to variation, as the hydrated lime is constant at 25 lb. per cu. yd. The mortar, or cement and sand mixed, is required to be sufficient to fill the gravel voids and provide an excess of 15 per cent. Thus, for example, in a



Concrete in Wilson Dam Compared to Other Large Masonry Structures.

uses two 4-yd. mixers. These mixers which are in turn handled by 10 ton cranes. Placing forms, concrete, etc., requires the steady use of 10 full circle 10-ton cranes. Additional mobile equipment consists of 12 locomotive cranes, 26 standard gauge locomotives, 79 box cars, 65 flat cars, 15 gondolas, and 60 20-yd. dump cars.

Proportioning of Concrete.—The concrete is proportioned by volume, the aggregates coming from storage bins into measuring hoppers, and thence to the charging hopper. The largest mixing plant (two 4-yd. mixers) handles the cement in bulk and the hydrated lime in sacks. In the two other plants it is more convenient to handle both the cement and lime in the original

5-sack batch of concrete, using the average void figures, the sand is computed as follows:

25 cu. ft. of gravel @ 40 per cent voids; i. e., 10 cu. ft. of voids.

5 cu. ft. of Portland cement.

x cu. ft. of sand @ 34 per cent voids.

This resolves into an equation wherein the total cement (5 cu. ft.) minus the cement going to fill the sand voids (.34X), plus the sand (x) equals the gravel voids (10) plus 15 per cent (1.5). This reduces to

$$.66 X = 6.5.$$

$$X = 9.9.$$

Therefore the cubic yard batch referred to will require 25 cu. ft. of gravel, 9.9 cu. ft. of sand, 5 sacks of Portland cement and $\frac{1}{2}$ sack (25 lb.) of hydrated lime.

*Reprint from "Engineering and Contracting," Chicago.



General View of the Project Looking South. The Power House Unit is in the Foreground With the Dam or Spillway Section and Lock in the Background.

Using the void assumptions just noted it will be seen that a 5 sack batch gives a nominal mix of approximately 1:3:5, while a 6 sack batch makes an approximate nominal mix of 1:1.4:4.2.

Mixing.—In the 2-yd. mixers the concrete is mixed for a minimum of 2 minutes, and in the 4-yd mixers the time is $2\frac{1}{2}$ minutes. If the sand or gravel happens to be running fine, the time of mixing is increased, an inspector being on the job at all times in full charge of the mix. A 2-yd. batch of concrete requires about 85 gal. of water, the exact amount being subject to the condition of the sand and gravel. Too much water will cause the batch to be wasted when the concrete reaches

the point where it should be placed; while too dry a batch means that extra labor will be required to place it without honeycombing.

Determination of Consistency.—The control of consistency is strict and is both novel and efficient. All laborers and inspectors connected with placing concrete in the forms are furnished with hip boots and the consistency of the concrete must be such that a man working in it will sink not less than 2 in., nor more than 10 in. Inasmuch as the concrete is placed to a depth of from 4 to 6 ft. in the forms before permitting it to harden, it will be seen that this requirement is rigid indeed. Anyone, therefore, can tell at a glance whether the men are walking about

on the top, in which case the concrete is too dry, or whether they sink to their knees, in which case it is getting too wet for best results. Honeycombing means the discharge of the inspector on the section, needless to say, a close check is kept on consistency and workmanship.

Hydrated Lime Added to the Concrete.—Some concrete was placed during the early part of the work without the addition of hydrated lime, but difficulty was encountered with segregation in the buckets and during dumping, consequently the concrete was hard to place satisfactorily without an undue amount of labor. Tests were conducted on various materials, which could be conveniently and economically obtained. Although the results of these tests have not been made public the use of hydrated lime is significant. At first an addition of 2 per cent by volume was used, but this was not sufficient, and on Feb. 27, 1923, the addition was raised to 5 per cent by weight, or 25 lb. per cu. yd. of concrete. With this addition of hydrated lime the concrete has been entirely satisfactory, and an inspection of the work shows entire freedom from segregation, honeycombing, etc.

Careful inspection, good workmanship in making the forms and in spading and placing the concrete, combined with a thoroughly mixed concrete not subject to excessive wetness nor segregation have all combined to give surfaces which cannot be excelled, and which in fact, are seldom equalled. The hydrated lime noticeably increased the workability of the concrete and had no deleterious effect upon the strength when used as recommended.

Form work.—Designing, building and erecting the forms presented many unusual problems due not only to the shape of the units, but also the size and to the pressures which the forms must withstand. The pressures are minimized by limiting the depth of fresh concrete to from 4 to a maximum of 6 ft. At least three days must intervene before fresh concrete may again be placed. Whenever possible the forms are built at a central plant by specially trained workmen and are there assembled so that they can be dismantled and taken to the job in units as required. Some of the curved and warped sections used particularly in connection with the power house construction are excellent examples of form work. It is essential that the finished concrete surfaces be smooth and that the curves conform exactly to the design otherwise the smooth flow of the water to and away from the turbines would be impaired and difficulties hard to remedy would result. This requires not only good concrete, but carefully designed and well built forms.

Careful inspection of this concrete reveals no sign of weakness, which indicates the high class of workmanship and the workability of the concrete used.

Tests.—A series of briquettes is made from mortar taken from the concrete being placed each day. The mortar is rubbed through a number 8 sieve, eliminating all gravel, and the briquettes prepared, stored and tested in the standard manner. About every five days a set of 15 cylinders is made from fresh concrete while it is being placed. Three of these cylinders are tested at 14 days, three at 28 days, three at 3 months, three at 6 months, and the last set at 1 year. The cylinders are filled in three layers, tamping with a bar only enough to insure uniformity. They remain undisturbed for two days, then are taken to the job laboratory where they are carefully numbered and packed in sawdust and shipped to the concrete laboratory at the Bureau of Standards in Washington for breaking.



Power House Unit No. 7. View of Draft Tube Chamber Showing Center Supporting Pier. View Taken Feb. 16, 1924.

At the same time that the cylinders are made 75 briquettes are prepared. These are stored and tested at the laboratory of the Hugh L. Cooper Co. on the job, under the supervision of J. C. Evans, Test Engineer, and are broken in sets of five in the following ages: 7, 14 and 28 days, 3, 6 and 12 months; 2, 3, 4, 5, 6, 7, 8, 9 and 10 years.

All material used is required to meet rigid specifications, and the laboratory tests every carload of cement and lime and carries on a series of check tests on the sand and gravel. Sufficient storage space is available on the job to insure that untested material will not be used.

The concrete test results presented here with indicate the character of the work, as it will be noted that the compressive strength is well up for the proportions used in the mix. All concrete now being placed contains 25 lb. of hydrated lime per cu. yd. (approximately 5 per cent by weight of the cement).

Test Results

Field Cylinders—Muscle Shoals Concrete, 5 Bag Mix (1:2:5 Nominal Mix)

Hydrated lime per cent by weight of cement	No. of Cylinders tested for each average	Compressive strength Pounds per square inch		
		28 days	3 month	6 month
0	18	1518	2061	2482
0.8	36	1740	1904	1943
5.0	36	1726	2200	2368
6 Bag Mix (1:1.4:4.2 Nominal Mix)				
0.8	9	1965	2073	2142
5.0	60	2388	2926	3038

Mortar Briquettes

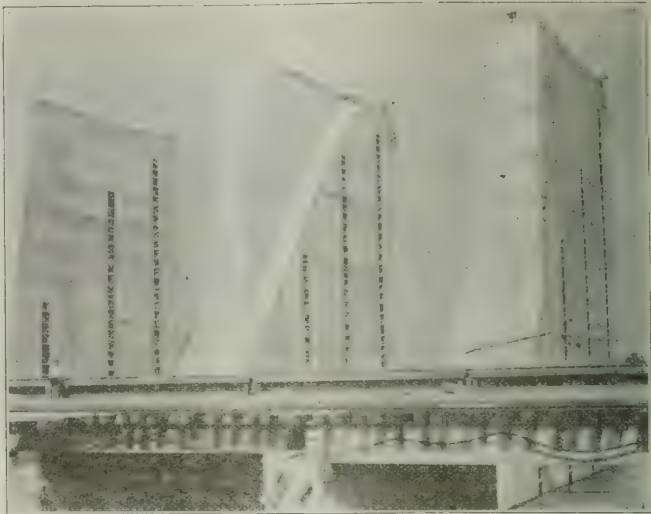
(Made at same time as field cylinders)
5 bag mix (1:2:5 Nominal Mix)

Hydrated lime per cent by weight of cement	No. of briquettes tested for each average	Tensile strength Pounds per square inch		
		28 days	3 month	6 month
0	15	442	414	441
0.8	39	423	492	501
5.0	55	500	532	511
6 Bag Mix (1:1.4:4.2 Nominal Mix)				
0.8	9	516	545	568
5.0	100	536	560	531

Cement Tests

Period	Hydrated lime Add., per cent	No. of cars avgd.	Average tensile strength, 7 days
Feb. 24, 1921, to April			
7, 1921	0	25	253
Oct., 1922, to Feb. 15, '23	8	113	264
Mar. 1, 1923, to Aug.			
17, 1923	5.0	173	308

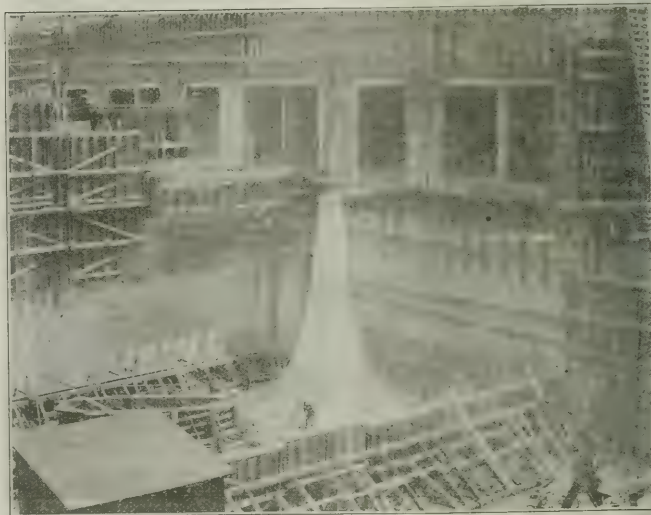
Technical articles describing in detail the design of the various phases of this undertaking have been published at intervals in the engineering press. Many ingenious solutions of intricate problems have been reached and when the structure is complete, it will be the most up-to-date hydraulic power in the world. It is anticipated that the project when completed will represent the highest commercial efficiencies and lowest operating costs



Spillway Section April 30, 1923. View of Completed 12-Ft. Piers After Removal of Forms.

known to hydroelectric engineering at this time.

The writer wishes to acknowledge the many courtesies, and the cooperation extended by Lt. Col. George R. Spalding, U. S. District Engineer on the job, and the Hugh L. Cooper Company, Consulting Engineers, 101 Park Ave., New York City, through their resident engineer, Mr. J. W. Hall.



Power House Section on June 29, 1923, Showing Cone for Unit 2, Complete Except for Top Casting.

The Observer

(Continued from Page 4)

Investment in small homes in the United States has increased twelve to one faster than investment in automobiles in the past five years, declared E. G. Dahlberg, manufacturer of synthetic lumber, in an address at a housing conference in Chicago. "Building and loan association figures show an increase of nearly \$1,500,000,000 in assets since 1919, while wholesale prices of automobiles have increased only \$120,000,000 in the same period," said Mr. Dahlberg. "We have been unduly alarmed by the figures that there are two and one-third times as many automobiles in the United States as there are income taxpayers and that there is an automobile for every income above \$1500."

Chicago Lumber Company of Washington with offices in the Hearst Bldg., San Francisco, has started construction of a one-story planing mill and warehouse in 63rd avenue opposite Spencer street, Oakland. The plant will cost \$200,000, exclusive of equipment to be installed.

Statistical testimony intended to indicate that lumber freight rates from San Pedro to points in Arizona were exorbitant were offered by the wholesale lumber dealers of Los Angeles at a hearing in that city before Interstate Commerce Commissioner E. I. Lewis.

H. A. Larsen, formerly sales manager of the local office of Wickwire-Spencer Steel Corp., has taken up duties in a similar capacity for the National Steel Fabric Co., as Pacific Coast district manager with general offices at 144 Townsend St., San Francisco.

Petitions to install street lighting systems costing approximately \$2,000,000 have been filed with the Los Angeles city council. It is expected the work will be undertaken within the next year.

Prof. George Chandler Whipple, head of the sanitary engineering department of Harvard University, Cambridge, Mass., has been appointed consulting sanitary engineer for the city of Inglewood.

Gray-Thorning Lumber Co. of Redwood City has started construction of a storage shed in El Camino Real, near Five Points, San Mateo County. The shed will be 400 feet in length.

NORRIS ESTATE VALUED AT \$19,916

The estate of the late Amos W. Norris, Sacramento contractor, is valued at \$19,916.67, according to an inventory filed in the superior court by the appraiser, Dal M. Lemmon. The largest item, \$12,500, consists of real property in the block bounded by G. H. Thirtieth and Thirty-first streets. The inventory also shows proceeds from a New York life insurance policy of the estate including a Daniels automobile, building equipment, a promissory note, and accounts receivable.

LUMBER SALES HOLD UP

Lumber production and sales in western Washington and western Oregon for 1924 up to August 1 were nearly balanced, according to a bulletin issued by the West Coast Lumbermen's association. In the first 31 weeks of the present year the cut was 2,864,436,981 feet and the orders totaled 2,830,363,381 feet, the figures showed.

MARBLE FROM CEMENT FORMULA GOES TO GRAVE

On the brink of success and independence through discovery of a process for making marble from cement, perfected after many years of weary toil, death reached out for Charles Nelson, Oakland nurseryman, and took with him to the grave, the secret formula.

Nelson died July 17 of a fractured skull, received three weeks before during an argument with another man.

Mrs. Nelson discloses the fact that her husband had perfected the process on the very day of his death.

"I have found a way to eliminate the air holes," Nelson told his wife. "There is nothing more to be done. It is perfect."

He died a few hours later.

Fate's iron snatched from the world the secret which was developed by 25 years of heartbreaking effort.

Mrs. Nelson never learned the process. "My husband taught me the nursery business and that kept me busy," she said. "I conducted the business while he worked on his process. Several times I was about to ask him the formula but something always interfered."

Experts have declared that the slabs of colored marble which lie in the nurseryhouse in the Foothill boulevard are perfect. The gloss and grain and the texture of the material are identical with high grade polished marble.

"There was only one thing to be overcome and that was the presence of air holes in the castings," Mrs. Nelson explained. "He had overcome that on the day of his death. It was always my husband's dream to see houses and buildings erected from his cement marble. It could be produced for half the cost of genuine marble."

CALIFORNIA LEADS IN MOTOR CARS SURVEY SHOWS

The division of motor vehicles announces that the number of cars per capita is greater in California than in any state in the United States, there being one automobile for every three and two-tenths persons in the state.

The only state that can approach this record is Iowa, where there is one automobile to every four and three-tenths persons. Nebraska is third with four and eight-tenths persons to each car.

The average for the United States is 7.2 persons for every car. In comparison with California's per capita, Alabama is lowest of all the states, there being only one car in that state to every eighteen and three-tenths persons.

Officials of the division of motor vehicles declare that California's new record in automobiles means that the entire population of the state could at any time be taken joy riding in cars registered here and there would be plenty of room to spare.

Figures were released recently showing that California now leads the nation in number of cars, having topped the state of New York by about 14,000. For the 12 months period from July 1, 1923, to July 1, 1924, California showed an approximate gain of 250,000 automobiles and trucks, which was the best showing made by any state.

BIDS REQUESTED FOR RELIEF HOME BUILDINGS

Until September 3, 3 P. M., bids will be received by the San Francisco Board of Public Works to erect Relief Home Buildings. Estimated cost, \$1,660,000. Segregated bids are desired for (1) general construction. Estimated cost, \$1,320,000; (2) plumbing and gas fitting, \$220,000; (3) mechanical equipment, \$150,000; (4) electric work, \$70,000. Plans obtainable from Bureau of Architecture, 2nd Floor, City Hall.

PIPE EXPORTS SHOW GAIN DURING FIRST QUARTER

Exports of tubular products and fittings, including all kinds of pipes, pipe fittings and boiler tubes, gained 56 per cent during the first quarter of the current year as compared with the corresponding period in 1923, according to the foreign commerce department of the United States Chamber of Commerce.

The money value of exports of this kind reached \$8,229,000, compared with \$5,265,000, for the same quarter last year.

Tubular products exported in the January-March period amounted to 160,000,000 lbs., or 45 per cent above the quantity shipped abroad during the first quarter of 1923.

In the first quarter we exported 18 per cent more small construction tools (axes, saws, augers, bits, hammers, hatches, shovels, spades) also metal working and pneumatic portable tools, than during the corresponding period last year.

During the same period, however, in which pipe exports were gaining over imports, the following appeared in Engineering, News-Record, issue of February 14, p. 305: "That foreign cast-iron pipe has entered the American market as revealed in the recent letting of a contract covering 48,000 feet of c. i. pipe for the water department of the city of Pasadena, Cal."

The contract in question involved 1000 tons of French c. i. pipe valued at \$50,788, including fittings, which price was at least \$6000 under that of any of the American makers who offered bids.

WONDER SCAFFOLD WINS APPROVAL OF ACCIDENT COMMISSION

After several weeks investigation and severe safety and strength tests the Industrial Accident Commission has passed favorably upon the application of the Steelform Contracting Company, and has granted this company permission to use throughout the State of California the little wonder suspended scaffolding machines.

The little wonder is a double clutch box machine operating on steel cables attached to outrigger I-beams and is adapted to both interior and exterior work of plasterers, brickmasons and similar trades. Little wonder machines are covered by domestic and foreign patents, the validity of which have been sustained by the United States Supreme Court.

An installation of little wonder scaffolding machines is now in evidence on the new 17-story Pacific Gas & Electric Building, Market and Beale streets, San Francisco.

\$10,000,000 REQUIRED FOR ALASKAN ROAD COMMISSION

More than \$10,000,000 will be required by the Alaskan Road Commission for roads and trails in the territory, with an annual maintenance charge of \$750,000 after they are completed, according to Colonel James G. Steese, president of the commission. The commission has jurisdiction over 9,626½ miles of thoroughfares. The first division includes 80 miles of wagon road and a half a mile of trail. There are 201 miles of highway in the second division, 304½ miles of trails, 27 miles of bobsled road and 87 miles of tramway. The third division has 488 miles of wagon road, 148½ miles of trails and 17½ miles of bobsled road. The fourth division has 62½ miles of wagon road, 2502 miles of trails, 824 miles for sledding and 13 miles of tramway.

ROAD SHOW COMMITTEES BEING ORGANIZED IN CHICAGO

The 1925 Road Show and Convention of the American Road Builders' Association will be held at Chicago January 5 to 9, inclusive. C. M. Upham, business director of the Association, announces that much better arrangements have been made for both the show and convention than in any previous years. The preliminary plans also are already as far along as has been usual at a much later date. Every indication therefore is that these two big annual events in the road building industry will in every way eclipse all past records.

The program committee which will have charge of the convention will be headed by Prof. T. R. Agg. He expects to have the organization of his committee completed soon. Professor Agg has had such a variety of experience in the highway field that he will be able to produce a well balanced program of general interest. The convention sessions will be held at the Congress Hotel.

Nearly 17,000 square feet of additional floor space suitable for heavy exhibits will be provided at the Coliseum. This additional space is being obtained by the extension of the Coliseum to the north. The present main building and the adjoining building which have been used in the past also will be available. There will thus be room for more and better exhibits than in the past.

Additional doors for bringing in the heavy exhibits also have been arranged. Plenty of time to get the exhibits into the buildings further will be allowed by the schedules made possible by the dates of the show. These improved arrangements coupled with the wonderful success of the last two road shows insure the largest and best industrial machinery exposition ever seen in this country.

Application blanks for space in the Road Show will be mailed shortly by Mr. Upham to all concerns whose names are available. Additional blanks may be obtained by addressing him at 37 West 39th Street, New York City.

Committees are being formed to handle the annual banquet, hotel arrangements, registration and various other features. The plans for these features, as well as for the show and convention, will all be arranged long in advance of what has been customary in previous years. With greater interest in highway building than ever before, the attendance from all parts of the country thus is certain to break the remarkable records of the last show and convention.

MUNICIPAL LIGHT SYSTEM AT REDDING SHOWS PROFIT

The net revenue from Redding's electric lighting system for the fiscal year ended June 30th was \$31,891.97, the report just completed by City Clerk Engram shows. The gross revenue for the year was \$64,903.71; expenses, including the purchase of current, \$33,011.74; net gain, \$31,891.97.

The total net gain since the electric lighting system was acquired on December 6, 1921, to June 30th last is \$80,739.05.

The \$80,739.05 in profits has been spent as follows:

Repaid to the general fund for money borrowed at the time of the purchase, \$10,000; paid to Gronowldt, Freitas and Shadwell for money loaned at the time of the purchase, \$5,000; bonds redeemed, \$2,000; transferred to general fund and used for street and highway paving, \$39,115.03, betterments and additions to plant, \$23,382.17; total disbursements, \$79,497.20; balance on hand, \$1,241.85.

Marked Recovery is Noted in Pacific Coast Building For July

A marked recovery in Pacific Coast building is evidenced by an analysis of building permits issued during July in 74 cities comprised in the Pacific Coast section of the national Monthly Building Survey of S. W. Straus & Co. A total of \$38,603,212 in building permits issued in these cities in July is the first monthly total since that of February which shows an increase over the preceding month.

This figure is 11% greater than that of June but slightly less than that of last July, showing that building, generally, is still below normal. Eliminating the predominating figures of Los Angeles, however, representing 30% of the Pacific Coast aggregate, the total for the other 73 cities shows a July increase of 10% over June and of 11% over last July. This gain is shown in Arizona, California, Oregon and Utah where 39 cities show gains over June, 36 show gains over last July and 27 show gains over both previous months.

Los Angeles again reports a substantial increase, as it did in June. The July total of \$11,599,782 being 12% greater than the June figures which were, in turn, 17% over those of May. Although this is 23% less than the total for last July it is 43% greater than that of July, 1922. In the Los Angeles metropolitan area 15 municipalities report \$15,621,585 for July, a 10% increase over June but a 20% reduction from the total of last July.

San Francisco's July total of \$3,988,466 is 2% greater than the June figure 23% greater than that of last July and 31% greater than the total for July of 1922. In the San Francisco Bay metropolitan area, 12 municipalities report a July total of \$9,629,284, which is 17% greater than for June and 31% greater than the total of last July.

Seattle's July total of \$2,061,110, shows a slight reduction from June and a 51% reduction from last July but a 32% gain over July, 1922.

Portland's July total of \$2,048,145 shows a reduction of 12% from the June figure but a gain of 33% over last July and a loss of 7% from July, 1922.

	July, 1924	July, 1923	June, 1924
ARIZONA:			
Phoenix	\$125,868	\$94,242	\$100,000
Tucson	155,894	91,333	82,915
Total	\$281,762	\$185,595	\$182,915
CALIFORNIA:			
Alameda	177,114	285,463	133,245
Alhambra	488,343	463,915	132,000
Anaheim	37,740	12,740	13,600
Bakersfield	88,917	15,382	168,493
Berkeley	1,158,918	444,700	568,516
Beverly Hills	291,350	275,850	236,900
Burbank	170,289	101,875	299,048
Burlingame	186,301	135,160	294,955
Colton	34,000	17,175	10,725
Compton	105,478	316,322	157,725
Coronado	21,535	24,751	31,682
Culver City	45,815	119,328	45,250
Emeryville	6,500	15,500	9,867
Eureka	28,400	106,000	97,000
Fresno	96,490	271,916	64,013
Fullerton	22,175	97,960	37,400
Glendale	1,126,521	565,036	1,000,785
Huntington Park	132,045	237,039	221,965
Inglewood	14,405	156,615	77,860
Long Beach	1,419,968	1,377,332	1,515,232
Los Angeles	11,599,782	15,083,273	10,292,542
Modesto	50,325	28,435	33,407
Monrovia	56,750	33,600	112,200
Montebello	21,650	46,600	30,500
National City	13,375	30,000	26,840
Oakland	3,350,532	1,947,324	2,527,008
Ontario	61,110	64,621	42,160
Palo Alto	365,113	83,107	148,939
Pasadena	871,465	760,079	628,146
Piedmont	80,359	90,806	118,217
Pomona	108,095	101,525	66,009
Redwood City	101,862	45,195	75,579
Redlands	62,015	17,125	67,100
Richmond	67,370	161,566	67,777
Riverside	115,843	325,434	115,868
Sacramento	609,405	1,065,330	509,410
San Bernardino	491,535	132,166	162,725
San Diego	879,080	1,177,045	1,124,490
San Francisco	3,988,466	3,287,415	3,899,374
San Gabriel	38,875	85,555	48,940
San Jose	547,560	157,480	198,135
San Leandro	65,890	81,277	121,825
San Mateo	121,379	89,100	128,705
San Rafael	26,700	85,750	34,725
Santa Ana	137,055	528,161	168,493
Santa Barbara	247,513	108,790	171,250
Santa Cruz	33,850	46,858	32,115
Santa Monica	420,715	420,675	400,795
Stockton	526,515	323,740	276,555
Torrance	84,000	106,875	54,480
Venice	232,950	92,940	207,875
Whittier	106,290	242,268	51,330
Total	\$31,192,330	\$23,095,449	\$27,537,155
IDAHO:			
Boise	29,204	25,305	33,090
Twin Falls	15,200	7,450	12,750
Total	\$44,404	\$32,755	\$45,840
NEVADA:			
Reno	33,325	40,132	63,750
OREGON:			
Astoria	237,435	241,560	170,825
Eugene	428,555	161,150	207,900
Klamath Falls	403,930	21,200	194,960
Portland	2,048,145	1,532,115	2,344,260
Salem	84,150	66,400	59,405
Total	\$3,202,215	\$2,022,425	\$2,977,380

UTAH	15,000	15,800	30,800
Idaho	161,000	58,200	82,200
Oregon	18,800	27,800	41,200
Provo	616,048	676,025	561,245
Salt Lake City	\$849,848	\$777,915	\$718,435
WASHINGTON			
Bellevue	142,759	58,475	78,431
Hopkins	26,116	274,540	7,840
Seattle	2,061,110	3,122,335	2,094,350
Tacoma	108,350	181,645	236,970
Vancouver	492,343	386,445	670,945
Walla Walla	11,225	1,836	29,945
Yakima	4,885	31,580	13,080
Total	11,230	26,625	38,555
Grand Total	\$3,008,328	\$4,086,178	\$3,169,866
	\$38,603,212	\$30,240,719	\$34,636,101

WATER AND DAMPROOFING MATERIAL SPECIFICATIONS ADOPTED

Specifications for asphalt, coal-tar pitch, and rag felts for use in the waterproofing and damproofing of masonry and concrete structures have been adopted by the Federal Specifications Board, and will serve as master specifications for government purchases of such materials. They have been published as a series of Circulars of the Bureau of Standards. Copies may be obtained for 5 cents each from the Superintendent of Documents, Government Printing Office, Washington, D. C. The titles and numbers are as follows:

Coal Tar Saturated Rag Felt for Roofing and Waterproofing, C 156.

Coal Tar Pitch for Waterproofing and Damproofing, C 155.

Asphalt for Waterproofing and Damproofing, C 160.

Asphalt Saturated Rag Felt for Roofing and Waterproofing, C 161.

Asphalt Primer for Roofing and Waterproofing, C 162.

These specifications were prepared by the technical committee on bituminous roofing and waterproofing materials of the Federal Specifications Board, careful consideration being given to suggestions received from waterproofing contractors, architects, engineers, and from large consumers of the materials such as railroads.

The asphalt and coal-tar pitch specified are intended to be used either alone, as a dampproof coating for concrete, masonry, etc., or as plying elements, respectively, with asphalt and coal-tar saturated rag felt in the construction of membrane waterproofing. The asphalt is suitable for use on railroad bridges, tanks, retaining walls, dams, conduits, foundations of buildings, tunnels, subways, pools, reservoirs, etc. The coal-tar pitch can be used on similar structures, except where excessive vibration occurs, and where the temperature in service is likely to exceed 100 degrees Fahrenheit.

These specifications are considered fair to both producer and consumer, and are expected to secure products suitable for the particular conditions of service outlined in the specifications and to allow wide latitude in the selection of raw materials and methods of production. They cover materials that are suitable for all sections of the United States and which can be obtained upon a competitive basis. They give the physical characteristics of the material as well as methods of sampling and testing deliveries.

"THERMOLITE" HOUSES IN RUSSIA LESSEN BUILDING COSTS

Russia's scarcity of living accommodations and the high cost of building material have forced the Soviet authorities to experiment in the construction of what are termed "thermolite" houses, the invention of a Russian engineer named Peter Galakhoff. A thermolite house has the conventional framework of wood, but a liquid material of heavy consistency (thermolite), composed of sawdust, straw and common tree leaves, mixed with lime, plaster and antiseptic solution, is interposed between the outer and inner boards.

When this mixture becomes hard, the house is rendered moistureproof, resists decay, and is impervious to certain insects. With a coating of special paint containing the same ingredients as "thermolite," the house is also rendered fireproof. Houses of this type, according to the inventor, can be erected for 25 per cent less than the ordinary house and can be completed within less than six weeks.

TRADE NOTES

Following the purchase of \$700,000 worth of life insurance to cover its three plants, the South San Francisco unit of the Western Pipe & Steel Company has started the task of issuing policies to each of its 400 employees. The insurance is being given to those who have been with the company for six months or more. Every employee who has been at the plant for six months is entitled to \$500 insurance; one year, \$1000; two years, \$1200; three years, \$1400; four years, \$1500; five years, \$1600; and six years or over, \$2000. In case of permanent and total disability before the age of 60 years, Western Pipe employees will be entitled to the benefits of their insurance distributed over a period of years to be determined by the company. These benefits are in addition to any others provided by the compensation laws of California.

Tynan Lumber Co., of Salinas has started suit against the Standard Industrial Engineering Corporation of San Francisco, original contractor on the Monterey county bridge at Hamilton, for the recovery of \$4,411.97. The sum is alleged to be a balance due on an \$11,426.03 account for materials furnished. Other defendants named in the complaint are Royal Indemnity Co., surety on the contractor's bond, and the county of Monterey.

Preparations to re-open the glass plant at Stockton, Calif., are being made following acquisition of the property by the Pacific Window Glass Company. The plant will start operations with a crew of 150 men, according to the Stockton Chamber of Commerce. The Stockton plant, one of the three located west of the Rocky Mountains, has not been operated for two years.

Lawson & Drucker, plumbing and heating contractors, formerly located at 450 Hayes street, have moved to 465 Tehama street with warehouse quarters at 464 Clementina street, San Francisco. Lawson & Drucker are the licensees of the "Nacey" line of sprinkler devices.

Annual meeting of stockholders of the K. C. B. Electric Manufacturing Company of Sacramento, will be held August 22, in the company offices at 14th Ave. and 42nd St., Sacramento, according to Jas. E. Bowen, secretary of the concern.

Fairbanks-Morse Co. will erect a plant in the Los Angeles industrial area costing between \$750,000 and \$1,000,000. The announcement is made by Robert Morse, president of the company.

Los Angeles Building Material Dealers' Credit Association announces the removal of its offices to 122 E. Seventh St., Los Angeles.

Effective July 1, F. A. Blaisdell took over the interest of L. E. Green in the General Equipment Company at 25 Minna street, San Francisco. The company maintains a Seattle office in the Hinckley building and has a salesman covering the Los Angeles field. Blaisdell will continue to push the sale of the Sturdy Manufacturing Company's seats, Anniston soil pipe and Strauss Manufacturing Company's "Pyra-White" bathroom fittings to the plumbing trade. Green established a permanent residence in Chicago, where he is to act as sales manager for the Chicago Watchmens' Clock Company.

A cargo sawmill of 100,000 feet capacity will be erected this fall near Sitka, Alaska, by Hutton, McNear & Dougherty, who have 2,500,000,000 feet of standing timber in Alaska, according to word from Seattle. The mill will be the first unit of a plant to turn out 300 tons a day of newsprint paper. The developments are to be carried out under a license granted by the Federal Power Commission for the use of hydraulic force of Cascade creek, near Sitka, for fifty years.

Coast Road Machinery Co., has changed its name to California Road Machinery Co. and will continue the business at 465 East Third St., Los Angeles, under the management of Fred W. Boldrick. The change of name became effective with the separation of the Los Angeles office from the Coast Road Machinery Co. of Oakland and the consummation of a direct sales contract with the Russell Grader Mfg. Co. of Minneapolis and other road machinery manufacturers.

Opening of the new plant of the Pacific Portland Cement Company at Redwood City is scheduled for August 24. Elaborate arrangements are being made by the Redwood City Chamber of Commerce to celebrate the opening. It is expected the plant will start with a force of 300 men, drawing a payroll of approximately \$2000 a day.

The Raymond Concrete Pile Co. of New York City, announces the opening of an office in Houston, Texas. The new office will be in charge of Geo. F. Weismann, district manager, and is to be located at 425 West Bldg., Houston. This company now maintains offices in 16 principal cities of the United States.

Tilden Lumber & Mill Company has purchased the plant of the Sunset Lumber Company at San Carlos and Sunol streets, San Jose. The consideration is said to be in the neighborhood of \$89,000.

Pacific Coast Pipe Manufacturing Company has let contracts for construction of a new plant at Redondo Beach, Calif. H. E. Owen is president of the concern.

PUBLICATIONS

Department Circular 296 of the United States Department of Agriculture treats of standard grading specifications for yard lumber, and is based on information gathered during four years by the United States Forest Products Laboratory. The text of the booklet comprises 73 pages of tables of weights and measures of lumber of all kinds, tables of definitions of lumber defects, lumber definitions and abbreviations, suggested shipping instructions, and much other matter of value. Following the text are 22 pages of half-tone illustrations of lumber defects that are an invaluable aid to an understanding of the text. They are excellently printed on half tone paper. Copies of the work may be secured from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 20 cents each.

The Lighting Educational Committee, 680 Fifth Ave., New York City, has issued a booklet announcing a national essay campaign, the grand prize of which is to be a \$15,000 model electric home. The booklet urges the electrical interests in each community to build and exhibit one of these homes, and explains how this can be done. The floor plan of the first and second floors of this model home are shown, together with the data necessary to consider the proposition. According to a statement in the booklet, complete plans and specifications can be obtained from the Society for Electrical Development, 522 Fifth Ave., New York City, for \$2.50. Indications have been received by the Lighting Educational Committee that several hundred of these homes will be erected in the United States and Canada during the next three months.

"The Concrete Dope Book," fourth edition, compiled and published by W. H. Stewart, Waterloo, Iowa, is off the press. This 16-page booklet consists of tables of "dope" on the mixing and the handling of concrete for all classes of work, and of brief but valuable paragraphs on the removal of forms, the handling of sand and gravel with wagons, and on excavating. On the last page is a tabulation of "donts" for the contractor, which forms not the least valuable part of the booklet. The illustrations for the "Dope Book" consist of representations of various kinds of Stewart mixers.

"Hydrated Lime Makes Concrete More Workable" is the latest bulletin of the National Lime Association. The bulletin is based on the work done at the United States Bureau of Standards and presents in simple style the valuable paragraphs on the removal of forms, the handling of sand and gravel with wagons, and on excavating. On the last page is a tabulation of "donts" for the contractor, which forms not the least valuable part of the booklet. The illustrations for the "Dope Book" consist of representations of various kinds of Stewart mixers.

The Celotex Company, 645 North Michigan Ave., Chicago, is sending out a folder telling of the economies of using Celotex in building. A striking feature is two colored illustrations that show the difference between the work in putting 6-inch sheathing on a wall and in putting a single piece of Celotex on the same area. The uses of Celotex as sheathing, as a plaster base, as roof insulation, as exterior finish, and as a sound deadener are discussed.

Warrington and Kromer, Former State Engineers, Open S. F. Offices

H. E. Warrington and C. H. Kromer, members of the American Society of Civil Engineers, have opened an office in the Underwood Building, San Francisco, under the firm name of Warrington & Kromer. They will practice civil and structural engineering, including railroad and highway bridges, the structural work of buildings, wharves, dams and various structures for water supply, sewage disposal works, etc.

Mr. Warrington is a civil engineering graduate of the University of Cincinnati, and was for many years connected with an eastern railway system, as Assistant Engineer, Principal Assistant Engineer and Chief Engineer. He came to California some fifteen years since, engaging in private practice in Riverside, subsequently becoming Bridge Engineer for Los Angeles County, where he remained for eight years, when he was appointed Bridge Engineer for the California Highway Commission. With this Commission for four years, many structures were designed under his direction, their total cost approximating \$5,000,000. These included the modern maintenance shops, warehouses and the Testing Laboratory building of the Commission at Sacramento, the bridges over the Rio Hondo at Montebello, across the Big Tujunga, and over the San Gabriel River on the Foothill Boulevard in Los Angeles County; the bridge on the Crystal Springs Dam, Skyline Boulevard, San Mateo County; the Feather River bridge near Oroville in Butte County, and numerous others of

steel and reinforced concrete, distributed over the entire State.

Mr. Kromer is a graduate of the University of California, Class of 1906. For six years he was with the American Bridge Company, Pittsburgh Division, in the bridge and structural department of that corporation. For the past twelve years he has been with the State as Assistant and as Structural Engineer, State Department of Engineering, and as Chief Structural Engineer, Division of Architecture, State Department of Public Works. The structural plans for many important public buildings were prepared under Mr. Kromer's direction, including the State Armories at San Francisco, Los Angeles, Sacramento and Stockton, various State hospitals, prisons, schools teachers' colleges, the State Printing Offices at Sacramento, and the State Building, Civic Center, San Francisco, recently completed. These latter plans were made in co-operation with Messrs. Bliss & Faville, the architects of the building.

In connection with his work in the state engineering departments, Mr. Kromer has designed the necessary structures for water supply and sewage disposal plants for public institutions, has laid out and checked designs for various types of dams and for miscellaneous structures connected with such work.

Mr. Kromer is a certified member of the American Association of Engineers. During the world war he was a commissioned officer of Engineers, U. S. A.

"Amco Manganese Steel Castings for Contractors' Equipment" are described in Catalog No. 3 compiled and published by the American Manganese Steel Company, Chicago Heights, Ill. The catalog describes and illustrates manganese steel castings for gyratory jaw, and roll crushers; manganese steel wearing parts for screens; manganese steel castings for pulverizers; repairs for ditching machines and excavators; and the various types of Missabe dippers are described and illustrated. A section of the catalog also is given to the name of manganese steel—what it is, and how it is made.

WESTERN PINE SHIPMENTS IN JUNE ARE LARGE

During the month of June Western Pine Manufacturers' Association mills, made up of lumber concerns from Washington, Idaho, Oregon and Montana, shipped 121,361,000 feet of lumber, according to reports received at Spokane. This constitutes the lightest June shipments, except in 1921, since 1916. In May shipments totaled 127,795,000 and in June, 1923, 138,805,000.

Shipments for the first half of 1924 totaled 779,914,000. Last year and 1920 alone show higher shipments for a corresponding period.

LUMBER CONDITIONS FAVORABLE

Increased lumber sales in Spokane and the Pacific Northwest, together with the stiffening of prices at \$2 a thousand on some items, point toward a revival of the industry in the fall and winter. The lumber business is recovering from a summer period of depression, brought about by over-production, Spokane lumbermen report.

"Conditions are a great deal better, or at least I have found them so in our business," said L. N. Tate, of the Weyerhaeuser Sales Company. "Prices have stiffened in some lines."

JULY STEEL OPERATIONS ARE 38% CAPACITY

Steel operations in July averaged about 44 per cent for the corporation and 33 per cent for independents or 38 per cent for the industry as a whole, the lowest rate in several years. In the last week of July steel schedules showed an upward trend, and it is likely that the average for that month will represent the low point for 1924.

Curtailed output of steel has been rapid since the end of March. This was due chiefly to the marked falling off in demand in the second quarter of the year when buying was purely of a hand-to-mouth character and producers adjusted their schedules to meet the declining volume of orders. This prevented the accumulation of excessive stocks. While buying of steel improved in July, operations continued to decline in the first part of the month because of holiday shutdowns and uncertainty that the improvement would continue.

TULARE SEWER PLAN IS HELD FAILURE BY STATE BOARD

"The Elrod System of sewage disposal in Tulare is doing good work," Henry Elrod, sanitation engineer of Santa Monica, declared in answer to R. F. Goudey, a sanitation engineer of the state board of health, who told the Tulare Board of Trade that the system was unsatisfactory and a failure.

"The demonstration plant was never intended to produce a high state of purification, but was simply intended to reduce the solid matter to such a degree that the water could be used for irrigation without causing offense," Elrod continued.

Goudey said that tests made at the sanitary mains and at the demonstration plant had proved the system a failure. He said that he believed the system could be made a success by supplying more air.

Building News Section

APARTMENTS

Sub-Contract Awarded.
APARTMENTS. Cost, \$200,000.
SAN FRANCISCO. N Broadway 121-6 E
 Laguna.
 Ten-story class A apartments.
 Owner—Nineteen Sixty Broadway, San
 Francisco.

Architect—Quandt & Bos, Humboldt
 Bldg., San Francisco.
Structural steel awarded to Moore Dry
 Dock Co., Foot Adeline St., Oak-
 land.

As previously reported, grading was
 awarded to H. V. Tucker, 1370 California
 St., at \$1006; Concrete foundations
 concrete work and carpenter work to
 Jacks & Irvine, 130 Jessie St., S. F., at
 \$60,788; steel reinforcement to Edw. L.
 Soule Co., Rialto Bldg., S. F., at \$6031.
 Figures are being taken on other
 portions of work.

Owner Taking Figures.
APARTMENTS. Cost, \$17,000.
SAN FRANCISCO. Fourteenth Street
 near Dolores.
 Two-story and basement frame and
 stucco apartments.
 Owner—The Mission Realty Co., 2003
 Mission St., San Francisco.
 Architect—A. J. Horstman, 119 Sutter
 St., San Francisco.

Sub-Contract Awarded.
APARTMENTS. Cost, \$143,374.
SAN FRANCISCO. No. 2006 Washington
 Street.
 Ten-story reinforced concrete apart-
 ment house.
 Owner—Two Thousand Six Washington
 Street, Inc.
 Architect—C. A. Meussdorffer, Hum-
 boldt Bank Bldg., San Francisco.
 Contractor—Robert Trost, 26th and
 Howard Sts., San Francisco.
Hardwood flooring to Inland Floor Co.,
 600 Alabama St., S. F., at \$15,300.
 As previously reported:

Marble to Vermont Marble Works, 244
 Brannan St., S. F., at \$23,900.
Painting to Neal Co. at \$4290.

Contract Awarded.
APARTMENTS. Cost, \$106,500.
SAN FRANCISCO. N Jackson St. 100
 E Buchanan St.
 Two-story reinforced concrete apart-
 ment building.
 Owner—Sydney L. Pesier.
 Architect—Samuel Lightner Hyman &
 A. Appleby, 68 Post St., S. F.
 Contractor—F. L. Hansen, 518 Pine St.,
 San Francisco.

Sub Figures Being Taken.
APT. HOUSE. Cost, \$75,000.
STOCKTON.
 Three-story and basement C brick apt.
 house.
 Owner—L. Zimmermann & A. Wallin,
 Stockton.
 Architect—Clay N. Burrell, Am. Bank
 Bldg., Oakland.
 Contractor—L. T. Peletz, Exchange
 Bldg., Stockton.

Plans Being Prepared.
APT. BLDG. Cost, \$50,000.
SAN FRANCISCO. NW Octavia and
 Chestnut.
 Three-story and basement frame and
 stucco apartments.
 Owner—Stock and Jose.
 Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Plans Being Prepared.
APARTMENTS. Cost, \$750,000.
OAKLAND. Facing Lake Merritt be-
 tween Alice and Jackson.
 12-story class A apartment bldg. (20
 apts, 7 rooms each).
 Owner—George Jamieson.
 Architect—Maury T. Diggs, 19th and
 Telegraph Ave., Oakland.

VENICE. L. A. Co., Cal. — Mann-
 Walker Bldg. Co., 412 I. W. Hellman
 Bldg., has the contract for a 3-story
 apt. bldg. to be erected at cor. of 4th
 and Broadway, Venice, for Mr. Eschle-
 man. There will be 12 two and three-
 room apts. Frame constr., brick front,
 comp. rfg., gas radi., aut. water htrs.,
 comp. baths and drains, hardw., fls.,
 pine trim, wallbds.; \$55,000.

BONDS

SANTA ROSA. Sonoma Co., Cal. —
 Election will be held Aug. 18 in Vine
 Hill School District to vote bonds of
 \$14,000 to finance school improvements.
 Trustees of district are: Fred C.
 Ward, Albert Beckman and E. Kobler.

FRESNO. Fresno Co., Cal. — County
 supervisors will purchase \$2500 bond
 issue of Fruitland School District, pro-
 ceeds of sale to finance school improve-
 ments.

SANTA ROSA. Sonoma Co., Cal. —
 Roseland School District defeats propo-
 sal to levy direct tax for \$2500 to
 construct addition to present school;
 vote was 97 in favor and 82 against the
 tax.

HANFORD. Kings Co., Cal. — Hanford
 School District rejects proposal to levy
 direct tax for \$26,000 to finance com-
 pletion of new school in Donager Tract

GRIDLEY. Butte Co., Cal. — Gridley
 Union High School District defeats
 proposal to levy direct tax for \$12,523
 to purchase site for proposed new
 school.

SAN LEANDRO. Alameda Co., Cal. —
 City trustees contemplate bond issue
 to secure funds with which to erect
 new city hall. J. J. Gill is city clerk.

SANTA CRUZ. Santa Cruz Co., Cal. —
 Until Sept. 8, bids will be rec. by su-
 pervisors for purchase of \$2100 bond
 issue of Bald Mountain School District;
 proceeds of sale to finance school im-
 provements.

CONTRA COSTA CO. Cal. — Election
 will be held Sept. 2 in Martinez School
 District to vote bonds of \$25,000 to fi-
 nance school improvements. Trustees
 of district are: Geo. P. Keller, C. H.
 Hayden and Thos. P. Swift.

MERCED. Merced Co., Cal. — Until
 Aug. 16, bids will be received by P. J.
 Thornton, county clerk, for purchase
 of \$12,000 bond issue of Merced Falls
 Elementary School District; proceeds
 of sale to finance school improvements.

MERCED. Merced Co., Cal. — Until
 Aug. 16, bids will be received by coun-
 ty supervisors for purchase of \$1500
 bond issue of Fruitland School Dis-
 trict; proceeds of sale to finance school
 improvements.

GALT. Sacramento Co., Cal. — Galt
 High School District defeats proposal
 to issue bonds of \$100,000 to finance
 erection of new high school. Issue was
 defeated by 27 votes. The new struc-
 ture was to replace building recently
 destroyed by fire. Preliminary plans
 for the proposed new building have
 been prepared by R. A. Herold, archi-
 tect, Forum Bldg., Sacramento.

SACRAMENTO. Cal. — Bond issue of
 \$550,000 to finance erection of group of
 Sacramento Junior High School build-
 ings have been sold for premium of
 \$40,645.

BERKELEY. Alameda Co., Cal. —
 Board of Library Trustees contemplate
 bond election to secure funds to finance
 additions to library structure at Shat-
 tuck Ave. and Kittredge St. The
 amount of the issue is yet to be de-
 termined.

MARYSVILLE. Yuba Co., Cal. — Bids
 will be considered by supervisors Sept.
 4 for purchase of \$21,000 bond issue of
 Feather River Union High School Dis-
 trict; proceeds of sale to finance erec-
 tion of new school.

COMPTON. L. A. Co., Cal. — Civic im-
 provement bonds totalling \$155,000 were
 voted here. \$45,000 will be used for
 building new city hall.

CHURCHES

Plans Being Prepared.
AUDITORIUM (first unit) Cost, \$30,000.
BURLINGAME. San Mateo Co., Cal.
 Middlefield Road and Bayswater
 Avenue.
 First unit, auditorium (\$15,000).
 Owner—Baptist Church of Burlingame.
 Architect—Mitchell, Jackson & Co.,
 San Mateo, Cal.

Plans Being Completed.
CHURCH. Cost, \$120,000.
SACRAMENTO. Cal. Thirty-seventh &
 K Streets.
 One-story brick church, auditorium
 and classrooms.
 Owner—Fremont Presbyterian Church.
 Architect—Leonard F. Starks, Ochsen-
 Bldg., Sacramento.

Contract Awarded.
CHURCH. Cost, \$15,000.
ALAMEDA. Oak St. and Alameda Ave.
 Frame church building.
 Owner—First Hebrew Congregation,
 28th and Webster Sts., Oakland.
 Contractor—Conrad Roth, Dublin Bldg.,
 Oakland.

Material of Merit

DOORS

Firedoors, Freight Elevator,
 Garage and Warehouse Doors.
 Fold-up-Doors, Tt-co-doors, Cobald-
 doors, Wal-el-doors.—St. Louis
 Fire Door Co.

STORE FRONTS

The newest and most diversified
 store front.—Security Metal
 Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-
 slipping flooring.—Irving Iron
 Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

Plans Being Prepared.
AUSTOLEUM Cost, \$—
 PITALUEM, Cypress Hill Memorial
 Park.
 Marble and concrete mausoleum.
 Owner—Association headed by Dr. De
 Cew.
 Architect—E. J. Cahill.
 Mgr. of Constr.—George Fletcher.

PORTLAND, Ore.—Catholic organiza-
 tions will start campaign shortly to
 raise \$200,000 to finance erection of
 new Cathedral which will probably be
 erected on the site of the present pro-
 cathedral at 15th and Davis Sts.

LOS ANGELES, Cal.—Arch. Emmett
 G. Martin, 408 Cit. Nat. Bank Bldg., is
 completing plans for a church and rec-
 tory, to be erected at cor. Wilton Pl.
 and 3rd St., for the Roman Catholic
 Bishop of Los Angeles and San Diego.
 Church of St. Brendan, Rev. William
 Forde, pastor; the church will have a
 seating capacity of 600 people and
 there will be a choir loft, foyer, etc.
 Brick walls, steel frame and roof
 trusses, 42x150 ft. Boise stone exter.,
 slate roof trusses, 42x150 ft. Boise
 stone exter., slate rfg., hardwd. fls. and
 trim, gas furnace htg. sys., fan vtg.
 sys., art glass, stone tracery, pipe or-
 gan, \$175,000. The rectory will contain
 14-rms. and will be of frame constr.,
 with plas. and Boise stone exter., slate
 rfg., hardwd. fls., 4 tiled baths, gas
 unit htg. sys., storage water htr., pine
 and hardw. trim; \$35,000. Bids will be
 taken about Sept. 1st.

ALHAMBRA, L. A. Co., Cal.—Arch.
 C. F. Skilling, Bradbury Bldg., has been
 commissioned to prepare plans for a
 new church bldg. to be erected at cor.
 Main and Almansor Sts., Alhambra, for
 the First Methodist Episcopal Church
 of Alhambra. The bldg. will contain
 large auditorium, gymnasium, Sunday
 school assembly hall, kitchen, etc., the
 property is 350x318 ft. C. A. Harding,
 Alhambra, is chairman of the bldg.
 comm. and Rev. E. J. Inwood is pastor.

SAWTELLE, Los Angeles Co., Cal.—
 Archt. Robert H. Orr, 1305 Corporation
 Bldg., is completing plans for a new
 church bldg. to be erected at Sawtelle
 for the First Baptist Church of Saw-
 telle; Rev. H. C. Mathews, pastor; it
 will have an auditorium to seat 300
 people, classrooms, junior and inter-
 mediate assembly rooms, etc. Brick
 walls, art stone trim, basement, tile
 rfg., cement and hardw. fls., pine trim;
 \$75,000. Bids will be taken in about 3
 weeks.

LOS ANGELES, Cal.—Arch. Robert
 H. Orr, 1305 Corporation Bldg., is com-
 pleting plans for a Sunday school and
 gymnasium bldg. to be erected at 43rd
 St. and South Park Ave. for the
 South Park Christian Church; it will
 contain Sunday school classrms., gym-
 nasium, kitchen, soc'ial hall and locker
 and shower rooms. Frame and plaster
 constr., 2-story and basement, comp.
 shingle rfg., cement and hardw. fls.,
 gas htg. sys., storage water htr., toilets
 etc.; \$30,000.

BEVERLY HILLS, L. A. Co., Cal.—
 Dawson Dav. 1014 Hammond St., Sher-
 man, has been awarded the general
 contract at about \$45,000 to erect a
 church bldg. at cor. Santa Monica Blvd
 and Rodeo Dr., Beverly Hills, for the
 Beverly Hills Community Presbyterian
 Church; there will be an auditorium to
 seat bet. 500 and 600 people and
 classrms., brick walls, plaster exter.,
 tile rfg., hardw. fls., gas htg. sys., pine
 and hardw. fls., art glass, Carleton M.
 Winslow, 921 Van Nuys Bldg., archt.

FACTORIES AND WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, \$106,225
SAN FRANCISCO, Fifth and Bluemo-
 Four-story and basement reinforced
 concrete warehouse building.
 Owner—Dohrmann Commercial Co.,
 Stockton and Geary Sts., S. F.
 Architect—Ashley & Evers, 58 Sutter
 St., San Francisco.
 Contractor—J. S. Sampson Co., Monad-
 nock Bldg., San Francisco.

Contract Awarded.
WAREHOUSE Cost, \$20,000
OAKLAND, W 68th Ave. opp. Spencer
 Street.
 One-story planing mill and warehouse.
 Owner—Chicago Lumber Co. of Wash-
 ington, Hearst Bldg., S. F.
 Contractor—David Nordstrom, 4146
 Emerald St., Oakland.

FRESNO, Fresno Co., Cal.—Construc-
 tion has been started on a one-story
 concrete and brick packing plant at
 East St. and California Ave. for the
 Malaga Packing Co. Will be 90x134 ft.
 James McCullough, 925 Fortcamp,
 Fresno, is contractor. Est. cost \$30,000.
 J. F. Niswander, Willow and Butler
 Aves., Fresno, is president of the Ma-
 laga Company.

PHOENIX, Ariz.—Santa Fe has pur-
 chased 40-acre Christy tract and plans
 shop bldgs. to cost about \$100,000.

Sub Contracts Awarded.
WAREHOUSE Cost, \$50,000
SAN FRANCISCO, E. Harrison 108 S
 19th.

Three-story brick warehouse.
 Owner—Geo. Wagner, 131 South Park.
 Architect—Meyer & Johnson, 742 Mar-
 ket.

Steel work awarded to United States
 States Metal Products, 330 10th St.
 San Francisco.

Elevators to Otis Elevator Co., Beach
 and Grant Ave., S. F.

Plastering to S. F. Lathing & Plaster-
 ing Co., 872 Folsom St., S. F.

As previously reported, lumber was
 awarded to McCallum Lumber Co., 748
 Bryant St., S. F.; plumbing to Jas. Pin-
 kerton, 927 Howard St., S. F.; electric
 work to H. S. Tittle, 85 Columbia, S. F.

AUBURN, Placer Co., Cal.—Associat-
 ed Oil Co., authorized by city trustees
 to establish service plant at foot of
 Pleasant St., est. cost \$10,000.

PRATT'S CONCRETE MIX

Clarence
by Sand
Pratt



PACIFIC PORTLAND CEMENT CO. Cement—Hardwall—Building Materials

Laurel Lock, San Francisco, Aug. 9, 1924

'Builders' Day' Outing Committee.

Gents: Like last year, we are sending you our check for

\$50.00

as a prize for your 'Builders' Day' to be held at Casa Del Rey, on August

30th, 31st and September 1st. Success to

PACIFIC PORTLAND CEMENT CO.,

By Al Courtney, Sales Manager.

OLD MISSION CEMENT CO. Manufacturers of Cement

San Francisco, Aug. 9th, 1924.

Wm. J. Feary, Chairman,

'Builders' Day' Outing Committee:

Dear Sir,—Our firm, as last year, desires to help out on "Builders' Day,"

therefore, we give as a prize

\$50.00

Success to you all, including Sandy Pratt, originator of "Builders' Day."

Yours truly,

OLD MISSION CEMENT CO.

HERE ARE two capital prizes.

AND SANDY Pratt, President.

OF THE Pratt Building Material Co.

AND PRODUCER of clean sand.

AND HARD crushed rock.

IS GLAD to give space.

IN SANDY'S K.C.B.-like columns.

TO TELL the world.

ABOUT THESE two firms.

PROGRESSIVE AS they are.

BILLY FEARY is Chairman.

OF THE "Builders' Day" Committee.

THAT ALONE.

WOULD SPELL success.

BUT MANY other brave lads.

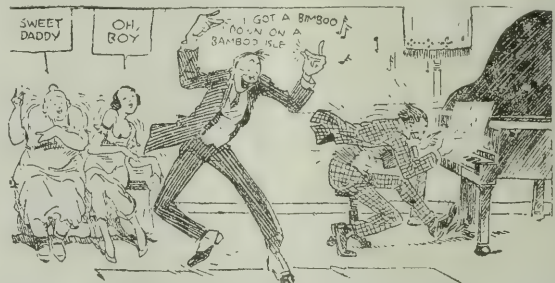
ARE HELPING him.

SO THE Fifth Annual party.

CALLED "BUILDERS' Day."

WILL BE a success.

"I THANK you."



The famous "Builders' Midnight Follies" will take place at 12, midnight
 on Saturday, August 30th, and Sandy Pratt, President of the Pratt Building
 Material Co., and producer of clean, sharp sand, hard, sharp rock, washed
 gravel and rock screening, will have a reserved seat in Row one—front.

RIPON. San Joaquin Co., Cal.—Thels & Van Till Ripon awarded contract to erect walk condenser plant for Mackay-Baker Evaporated Milk Co. Foundation work recently completed by S. J. Trombadori.

SAN PEDRO. Los Angeles Co., Cal.—Walter Powers, 642 11th St., San Pedro is preparing plans for a two-story Class C factory building to be erected on Paces Village St., San Pedro for the Union Dry Works. Bank walls, structural steel, composition roofing, cement floors, steel sash, metal doors.

OAKLAND. Cal.—Southern Pacific R. R. Co. and Santa Fe R. R. Co. apply to city council for permission to construct spur tracks and erect warehouses, manufacturing plants and other industrial enterprises in an area of 100 acres of reclaimed land on the western waterfront.

SALINAS. Monterey Co., Cal.—Clark Seed Co., J. M. Myhrland, Salinas representative, contemplates erection of three-story brick, 60 by 120 ft. seed cleaning plant. Will be erected facing S. P. spur.

REDONDO BEACH. L. A. Co., Cal.—W. E. Pollard, Redondo, has contract for factory at El Nido for Pacific Coast Pipe Mfg. Co. H. E. Owen, pres.

STOCKTON. San Joaquin Co., Cal.—American Plywood Co., incorporated for \$500,000, will erect a plant in Stockton for the manufacture of glue, veneers, plywood and ply wood products, specializing on the building of dehydrating and field trays. W. D. Thurman, president and manager of the California Cedar Products Company of Stockton is vice-president of the new company. The plant will be constructed on the unit basis.

LOS ANGELES. Cal.—The Globe Ice Cream Co., A. A. Comey, vice-president and general manager, 230 W. Jefferson St., Los Angeles, is preparing plans in its own drafting rooms for a \$270,000, two-story reinforced concrete ice making cold storage and ice cream manufacturing plant to be erected by day work on a site west of the Holsum baking plant, Santa Monica Blvd., Beverly Hills. Site, 35x370x34x375 ft. When this unit is complete the company will construct a 100x100 ft. ice skating rink and a swimming pool at the rear. Artesian wells will be drilled.

FLATS

Plans Complete.
FLAT BLDGS. Cost, \$10,000
SAN FRANCISCO, N Greenwich 81 W Broderick.
Two-story and basement frame flat buildings. (2 flats).
Owner—W. W. Rednall, 2500 Filbert St., San Francisco.

Contract Awarded.
FLATS. Cost, \$15,000
SAN FRANCISCO. W Seventeenth Ave. 162-6 N Irving St.
Two-story and basement frame flat building (6 flats).
Owner—Martha and Bertha Zimmerman, 1340 21st Ave., San Francisco.
Architect—None.
Contractor—Arthur H. Klahn, 1334 21st Ave., San Francisco.

Contract Awarded.
FLAT BLDGS. Cost, \$6,000 each
SAN FRANCISCO, W 28th Ave. 25 50 Harbor.
Two 2-story and basement frame flat buildings (2 flats in each bldg.)
Owner—Wm. McDonald, 6140 Geary St., San Francisco.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.

Plans Complete.
FLAT BLDGS. Cost, \$11,398
SAN FRANCISCO, Fulton E of 22nd Ave.
Two-story frame and plaster flat bldgs 6 rooms each.
Owner—Sol Bibo.
Architect—Henry Shermund, Hearst Bldg., San Francisco.

Plans Complete.
FLAT BLDGS. Cost, \$48,000
SAN FRANCISCO, W Scott 75 100 125 150 175 200 N Chestnut.
Six 2-story and basement frame flat bldgs. (2 flats in each bldg.)
Owner—Sbarbaro-Deffen-Jorgensen, Chestnut and Scott Sts., S. F.

Contract Awarded.
FLAT BLDG. Cost, \$12,000
SAN FRANCISCO, E 18th Ave. 100 S Clement.
Two-story frame flat building.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.

Contract Awarded.
FLATS. Cost, \$12,000
SAN FRANCISCO, S Bay 98-9 E Gough.
Two-story and basement frame (2) flats.
Owner—T. O'Brien, 886 Dolores St., San Francisco.
Architect—Fabre and Hildebrandt, 110 Sutter St., San Francisco.
Contractor—J. A. Pereira.

GARAGES

Contract Awarded.
GARAGE. Cost, \$25,000
SAN FRANCISCO, N Union 62-6 W La.
Two-story concrete garage.
Owner—Chas. Monson, 1499 5th Ave., San Francisco.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.

Contract Awarded.
GARAGE. Cost, \$18,000
SAN FRANCISCO, S 21th 60 E Shotwell.
Two-story concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Contractor—American Concrete Co., 785 Market St., San Francisco.

LOS ANGELES. Cal.—Louis C. Maurer 320 N. Rampart Blvd., is preparing plans for a four-story Class A garage building to be erected on the west side of Figueroa St., between First and Second Sts., for Jerry Whiting. Dimensions, 120x155 ft., reinforced concrete construction, composition roofing, metal window sash. Cost, \$150,000.

LOS ANGELES. Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., has the contract to erect a class A garage and office bldg. at 48th St. and Long Beach Ave. for the Union Terminal Warehouse, to be occupied by the Tidewater Oil Corp. Plans by Russell & Ellison, Jewelers Bldg. Reinf. conc. concrete, 1-story, L-shape, 120x190 ft., comp. rfg., steel sash, cement fls., metal skylight, wire glass, bldg. designed to carry future story.

DOWNEY. L. A. Co., Cal.—Sachs & Sons, Downey, Ford agents, are taking bids for a garage and auto sales bldg., to be erected on N Crawford St., bet. 5th and 6th Sts., Downey. The site is 100x230 ft. The bldg. will have brick walls, 1-sto. and there will be classrooms, offices and large work shop.

GOVERNMENT WORK AND SUPPLIES

OAKLAND. Cal.—Until Aug. 21, 12 M., bids will be received by Supervising Supt., Room 403 U. S. Post Office Bldg., 7th and Mission Sts., San Francisco, for repairs and painting to U. S. Post Office building at Oakland. Plans obtainable from above office.

PEARL HARBOR. T. H.—Until Oct. 1, 11 A. M., bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., for circulating water discharge loop at Naval Station, Pearl Harbor. Specification No. 5001. The work includes a circulating water discharge loop, consisting of a 54-in. precast concrete pipe, extending from point on south side of central power house, and along space between buildings 4 and 5 to existing valve outlet chamber under the quay wall or wharf; the furnishing and installing of sluice gate with its operating mechanism in the present valve chamber; the lift grating in the valve chamber and two sluice gates with operating mechanism and lift screens in the existing double intake chamber, located in the quay wall or wharf about 120 feet from the discharge chamber; all cast iron manhole frames and covers required for the clean-out manholes occurring between the central power house and the quay wall or wharf; and two 24-in. cast iron vent manholes. The 54-in. piping will be laid on a level grade with center line at elevation of 97.5. See call for bids under official proposal section in this issue.

PHOENIX. Ariz.—Until Aug. 25, bids will be rec. by Superintendent, Phoenix Indian School, to fur. 2450 radiator nipples. Further information from above office.

WASHINGTON. D. C.—The following bids received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., August 13, 1924 for 750,000-gal. elevated steel water tank on steel tower at the Naval Operating Base, Pearl Harbor, T. H., Specification No. 4992:
Pittsburgh Des Moines Steel Co., Item (1) \$44,541; (2) \$32,280; (3) \$51,102; (4) \$39,570.
Chicago Bridge & Iron Company, Item (1) \$52,000; (2) \$36,000; (3) \$58,000; (4) \$43,000.



All-Key
Plaster Lath

(Patented)
100% Mechanical Key.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Plaster
Wall Board

(Patent applied for)
The Last Word in Wall Board.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to fur. materials to Navy Yards and Stations, as follows, date to open bids as noted at close of each paragraph:

Sched. 2499, various yards, pigment, paints of all kinds, colors dry and in oil, powdered aluminum, beeswax, drop black, gold leaf, lamp black dry and in oil, litharge, manganite, paint remover, rosin, pine tar, etc., Aug. 19.

Sched. 2513, eastern and western yards, wire rope, Aug. 26.

Sched. 2514, Puget Sound, 30,000 sq. ft. insulating compressed sheet cork, Aug. 26.

Sched. 2516, Mare Island, 900 gals. cresol, Aug. 26.

Sched. 2525, Puget Sound, 1 butt welding machine, Aug. 26.

Sched. 2526, Puget Sound, 2500 lbs. boat facing, Aug. 26.

Sched. 2530, Various yards, brass and copper pipe and tubing, Aug. 26.

Sched. 2534, Puget Sound, 7175 rubber gaskets, Aug. 26.

SAN FRANCISCO—Until Aug. 20, 11 A. M., bids will be rec. by Public Works Officer, Twelfth Naval District, 313 Customhouse, for excavation in rear of future storehouse at Marine Corps Depot for Supplies, San Francisco, under Specification No. 5012. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Until Aug. 28 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal Commission, under Circular No. 1626, to fur. Balboa (Pacific Port): steel, steel rack castings, engine lathe, cable wire, heater cord, electric fixtures, water heaters, storage batteries, spark plugs, pipe and fittings, valves, cocks, water closets, bolts, nuts, rivets, files, drills, soldering irons, wrenches, vises, shovels, rakes, machetes, scythe blades, flue expenders, ship ranges, fire extinguishers, grease cups, wheelbarrows, bridge cutters, gasolene lanterns, mop heads, brooms, brushes, hose, steel cabinets, spoons, benzine, windshade cloth, blueprint paper, art mat paper, and poplar lumber. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—Until Aug. 25, 10:30 a. m., bids will be rec. by General Purchasing Agent, Panama Canal Commission, under Circular No. 1627, to fur. 10,000 bbbs. Port cement, 376 lbs. net per bbl., delivered free of all charges on dock at Cristobal, or Balboa C. Z. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN DIEGO, Cal.—DeWitt C. Webb, commander 11th Naval Dist., San Diego advised by Bureau of Yards and Docks that bids will be asked soon for extension to nurses' quarters at Naval operating base, San Diego. Est. cost \$130,000.

HALLS AND SOCIETY BUILDINGS

Figures To Be Taken Soon.
LODGE BLDG. ETC. Cost, \$30,000
GILROY, Santa Clara Co., Cal.
Three-story store, office and lodge building.

Owner—Order of Redmen.
Architect—Wolfe & Higgins, Auzaerals Bldg., San Jose.

Architect Named.
Y.M.C.A. BLDG. Cost, \$900,000
SAN FRANCISCO, Embarcadero betw. Mission and Howard Sts.

Eight-story reinforced concrete Y. M. C. A. Bldg. (army and navy branch)
Owner—Y. M. C. A.
Designer—International Bldg. Bureau of Y. M. C. A., New York
Local Architect—Carl Werner, 605 Market St., San Francisco.

Plans call for a structure covering 137 square feet, with swimming pool, gymnasium, dormitory, club rooms and other conveniences.

Planned.
OFFICE & LODGE Cost, \$100,000
BERKELEY, Fulton St. and Bancroft Way.
Three-story reinforced concrete office and lodge building.
Owner—Berkeley Lodge 170 odd Fellows.
Architect—None selected.

Sub-Contracts Awarded.
STORE & LODGE Cost, \$250,000
SANTA ROSA, Sonoma Co., Cal. A St., bet. 4th and 5th Sts.
Three-story steel and reinforced concrete store and lodge building.
Owner—Santa Rosa Lodge of Elks.
Architect—Shea & Shea, Chronicle Bldg., San Francisco.
Contractor—A. M. Hildebrand, 406 4th St., Santa Rosa.

Electrical Work to Severin Electric Co. 828 Mission St., San Francisco.
Metal Forms to West Coast Metal Forms Co., Hearst Bldg., S. F.
Structural Steel to Ralston Iron Works, 20th and Indiana Sts., S. F.
Reinforcing Steel to W. S. Wetzel, 357 12th St., Oakland.
Bids are being taken for plastering, plumbing and steam heat.

INGLEWOOD, Los Angeles Co., Cal.—Inglewood Community Hall Assn., Carl Matson, president, 117 N. Market St., Inglewood, has been incorporated to finance erection of a lodge building in Inglewood for the Odd Fellows Lodge. Estimated cost, \$50,000.

LOS ANGELES, Cal. Architects Crockett & Beelman, 408 Union League Bldg., are taking bids for erecting a class A club bldg. at s.w. cor. of 5th St. and Parkview Ave. for L. A. Lodge No. 99, E. F. O. E. The bldg. will be 262x150 ft. The central portion will be 12-story and basement. There will be social rooms, dining room to seat 300, lodge room to accommodate 1500, banquet hall and ball room to seat 1500; gymnasium, plunge, Turkish baths and 200 hotel rooms. It will be reinforced concrete construction, stucco and cast stone exter., marble and tile work, hardwood trim, steam hgt. elevators. The cost will be about \$1,750,000. Bids are being taken separately on the general contract, plumbing, wiring, painting, heating, elevator, decorating, furnishings and equipment.

CROCKETT, Contra Costa Co., Cal.—Until Sept. 2, 11 a. m., bids will be rec. by Contra Costa County Supervisors at Martinez, to erect memorial hall building in Crockett. A. A. Brown, designing and construction engineer, 215 Market St., San Francisco. Cert. check 10% payable to clerk req. Plans obtainable from clerk or engineer on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

REDWOOD CITY, San Mateo Co., Cal.—Fair Oaks Community Club, Mrs. R. M. Gordon secy., plans early construction of club house to serve as a community hall and club quarters.

PHOENIX, Ariz.—Archts. Lescher & Mahoney, Bk. of Ariz. Bldg., V. O. Wallingford, assoc. archt., 310 Heard Bldg., have prepared plans for 2-story reinforced concrete Masonic Temple at s.e. cor. 4th Ave. and W. Monroe St. for Phoenix Lodge No. 2, F. & A. M. Bids will be taken from selected list of contractors. To be opened Sept. 2. Art stone and rub. brick facing, hgt. and vtg. system; \$140,000.

HOSPITALS

Plans Being Completed.
HOSPITAL Cost, \$60,000
ROSS, Marin Co., Cal.
Two-story frame and stucco hospital bldg. with tile roof.
Owner—Ross General Hospital Cptn. Architect—S. Helman, 57 Post St., San Francisco.

Working Drawings Being Prepared.
ADDITION Cost, \$18,000
SAN JOSE, Santa Clara Co., Cal.
Added to hospital for nurses' quarters.
Owner—O'Connor's Sanitarium.
Architect—Wolfe & Higgins, Auzaerals Bldg., San Jose.

LOS ANGELES, Cal.—Until 2 P. M., Sept. 2, bids will be rec. by county supervisors for the construction of a two-story frame building, for married couples (employees) at the General Hospital. The building will be bungalow type, 30x108 ft., and contain 16 apartments of 2-rooms each, with 2 toilets, lavatories, 4 baths, maple floors; siding exterior; shingle roof; O. P. trim, steam heating, wiring, etc. Separate bids will be taken on reinforced concrete foundation, general construction, including pipe tunnel and trenches, plumbing at steam heating (including piping in tunnel), and electric lighting system. Plans may be obtained at the office of the mechanical dept., 10th floor, Hall of Records.

LOS ANGELES, Cal.—Until 2 P. M., Sept. 2, bids will be received by county supervisors for the construction of a two-story frame building for young men employees of the General Hospital. The building will be two-story, 108x30 ft., of bungalow type, containing 35 rooms; siding exterior; shingle roof; maple floors; O. P. trim; steam heating; wiring, etc. Separate bids will be taken on reinforced concrete foundation, general construction (including pipe tunnel and trenches), plumbing and steam heating including piping in tunnel, and electric lighting system. Plans and specifications may be obtained from the office of the mechanical department, 10th floor, Hall of Records.

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SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be received by Harry W. Hall, county clerk, to fur. and install shades in Service and Children's Ward, Infectious Ward, Men's Medical Ward and Women's Medical Ward at county hospital. R. A. Herold, architect, 430 Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Specifications obtainable from architect.

SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be received by Harry W. Hall, county clerk, to fur. and install lighting fixtures in Men's Medical Ward and Women's Medical Ward at county hospital grounds. R. A. Herold, architect, 430 Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from architect.

SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be received by Harry W. Hall, county clerk, to fur. and install linoleum in Men's Medical Ward and Women's Medical Ward building at County Hospital grounds. R. A. Herold, architect, 430 Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Specifications obtainable from architect.

SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be received by Harry W. Hall, county clerk, to fur. and lay linoleum in Men's Medical Ward and Women's Medical Ward building at County Hospital grounds. R. A. Herold, architect, 430 Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Specifications obtainable from architect.

SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be received by Harry W. Hall, county clerk, to remove two north wings of old county hospital building. R. A. Herold, architect, 430 Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from architect.

LOS ANGELES, Cal.—Dr. H. P. Barton, pres. of Clara Barton Hospital, announces purchase of property on n.e. cor. of St. Paul and 6th Sts. An 11-st. hospital to cost \$1,250,000 will be erected on the site, which has an area of 125x185 ft.

SAN FRANCISCO—Until Aug. 20, 3 p. m., bids will be rec. by Board of Public Works to furnish and install radiators and piping system in Nurses' Home at San Francisco Hospital. Est. cost \$3600. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

SANTA ANA, Orange Co., Cal.—Frank Lansdown, Santa Ana, has prepared plans for 3-story and basement reinf. conc. hospital at s.w. cor. Grand and Washington Aves. for Santa Ana Valley Hosp. Assn. Dr. C. D. Ball, pres. Bids will be called for soon. Plas. ext. tile and comp. rf., marble and tile refrigerating plant, steam htg.; \$200,000.

SAN DIEGO, Cal.—See "Government Work & Supplies," this issue. Nurses Home.

HOTELS

Contract Awarded.
HOTEL. Cost, \$350,000
NEAR RENO, Nevada, Truckee River.
Hotel bldg. (type of construction not decided).
Owner—Riverside Hotel Co. (James M. Shields, S. F., president).
Architect—B. G. McDougall, 357 Sacramento St., S. F.
Contractor—Lindgren & Swinerton.

August 12, 1924
Preliminary Plans Being Prepared.
HOTEL. Cost, \$120,000
BERKELEY, Alameda Co., Cal., Dwight Way and College Ave.
Five-story reinforced concrete hotel building 150 guest rooms with 75(½) baths)
Owner—Leslie R. Wilson, 2216 Blake St., Berkeley.
Architect—Hutchinson and Mills, 1211 Webster St., Oakland.

Plans Being Prepared.
HOTEL, ETC. Cost, \$600,000
LOS GATOS, Santa Clara Co., Cal., four miles east of Los Gatos.
Concrete hotel, 200 rooms, golf course, swimming pool, cottages, etc.
Owner—Interests headed by L. Vincent Gaffney.

Architect—Shea and Shea, Chronicle Bldg., San Francisco.
Hotel structure will contain 200 rooms. Work will be started shortly on 18-hole golf course, plans for which were prepared by Harold Sampson. Cotton & Co., of San Francisco, will be landscape engineers on the project. Swimming pool will be 75 by 150 ft. A number of cottages will be erected within the grounds.

LOS ANGELES, Cal.—Mann-Walker Bldg. Co., 412 I. W. Hellman Bldg., has the contract to erect a 4-story class C hotel bldg. on Santa Monica Blvd. near Western Ave. for Mr. Kane and the Taft Realty Co. There will be 5 stories and 45 rms. Dimensions, 60x90 ft., brick walls, press. brick front, str. steel comp. rf., gas htg. sys., 3 bathrooms and showers, hardwd., pine and cement fls., plate glass; \$80,000.

LOS ANGELES, Cal.—Archts. Edelman & Barnett and George Birnbach, 726 H. W. Hellman Bldg., are preparing plans for a class C hotel bldg. to be erected on Wright St., bet. Pico and 14th Sts. for Mrs. Davy; it will have 61 rms. with 100 per cent baths and lobby. Brick walls, 3-sto. and part basement, comp. rf., press. brick facing, 50x135 ft., cement and pine fls., plate glass, Clow gas steam radi., storage water htr., pine trim, tiled baths.

INGLEWOOD, Los Angeles Co., Cal.—Union Investment Co., Inglewood, is preparing plans for a three-story Class C hotel building to be erected on N. Market St., Inglewood, for Inglewood Hotel & Development Corp. It will be built under the supervision of R. C. Nutt of the Union Investment Co., 124 N. Market St., Inglewood. Building will contain 75 rooms with 50% private baths. Dimensions, 125x150 feet, brick walls, composition roof, basement. Work to be started in about 90 days.

LOS ANGELES, Cal.—L. A. Smith, 3rd St. and Washington Ave., has prepared plans for a class C store and hotel bldg. to be erected at s.e. cor. of Western Ave. and Harold Way for O. A. Brown. Three-story, 60x100 ft., 18 rms., brick walls, press. brick facing, plate glass, steel beams, comp. rf., pine trim, tiled baths; \$90,000.

WILMINGTON, L. A. Co., Cal.—J. R. Wallace and J. T. Burch, Wilmington, have contr. to erect a \$73,000 2-story br. store and hotel bldg. at 601 Anaheim Ave. cor. Neptune Ave., Wilmington, for Odis Andrews, 525 E 5th St., Long Beach. Eleven stores, 43 hotel rms., stucco ext., comp. rf., 3 private and 4 public baths, steam heat.

LOS ANGELES, Cal.—Archts. Gable & Wyant, rm. 8, Balford Bldg., 634 S. Western Ave., are preparing plans for a 7-story class A stores and hotel bldg. to be erected on n.w. cor. 7th St. and Gladsy Ave. for C. H. Lay, Found., 40x 125 ft., 5 stores, 114 hotel rms., part with private baths, several public bath sections, part basement, reinf. conc. constr., conc. and comp rf., elec. elevator, steam heat.

SACRAMENTO, Cal.—Hickman-Coleman Co., real estate operators, 724 J St., Sacramento, has purchased the old W. P. Fuller structure in 2nd street, bet. W. J. and K Sts., and will remodel the building for stores and hotel structure. The structure was partially destroyed by fire. Approx. \$35,000 will be expended in the improvements.

ICE AND COLD STORAGE PLANTS

WATSONVILLE, Santa Cruz Co., Cal.—Union Ice Co., 351 Four St., San Francisco, plans erection of an ice plant costing between \$400,000 and \$500,000 in or near Watsonville. Proposed will have 24-hour ice output of 250,000 lbs. and will have storage facilities for 14,000,000 pounds. Fruit packing sheds and storage buildings are also included in the project. Edward J. Torres is resident manager for the company at Watsonville.

Plans Being Prepared.
HOTEL. Cost, \$250,000
CRESCENT, Oregon.
Three-story reinforced concrete hotel. Owner—Dr. J. F. Reddy, Midford, Ore. Architect—Not Selected.

LOS ANGELES, Cal.—Carbondale Machinery Co., of Pennsylvania, has been awarded contr. by co. supervisors at \$66,420 for refrigerating plant for the new Hall of Justice, N Bdwy., Temple and Buena Vista Sts.

POWER PLANTS

SACRAMENTO, Cal.—Until Aug. 30, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to erect power house and laundry building and construct north and south tunnels in connection with county hospital project. R. A. Herold, architect, Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from architect.

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Sub. Contracts Awarded.
SUT STATION. Cost, \$84,500
OAKLAND, Cor. 51st St. and Shattuck.
Two-story reinforced concrete & steel
sub station "E"
Owner—Designer and Contractor, Paul
R. Gas & Ebbes Co. 144 Sutter St.,
San Francisco.

Reinforced concrete lamplank separators
to H. C. Venable & Co., 38
Sutter St., S. F., \$25,000.
Piling awarded to McArthur Concrete
Piling Co., 681 Market St., S. F.
As previously reported, steel was
awarded to Moore Dry Dock Co., Ade-
laid St., Oakland.

Contract Awarded.
BUILDINGS. Cost, \$60,000
GIANT, Contra Costa Co., Cal., 200
acre tract.
Construction of a group of about 20
frame and corrugated iron build-
ings with concrete foundations
(owner furnishes materials).
Owner—Giant Powder Co., First Natl.
Bank Bldg., S. F. and Giant, Cal.
Mr. Stratton in charge at plant.
Architect—Eng. Dept. of owner.
Contractor—C. E. Anderson, 329 Frank-
lin St., Oakland.

TACOMA, Wash.—Bids will be asked
at once by Ira S. Davisson, City Com-
missioner of Light and Water, to const.
Narrows Span of the Lake Cushman
Power project; est. cost, \$250,000.

LOS ANGELES, Cal.—At Aug. Pri-
marily \$16,000,000 bond issue to const.
municipal elec. distrib. sys. will be on
bailot.

PALO ALTO, Santa Clara Co., Cal. —
city votes bonds of \$60,000 to finance
power plant improvements. J. P. Bx-
bee, Jr., city eng.

PUBLIC BUILDINGS

Plans Being Prepared. Cost, \$18,000
COMMUNITY HOUSE. Cost, \$18,000
PIEDMONT, Alameda Co., Piedmont
Park.
One-story frame community house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, 742 Mar-
ket St., San Francisco.
Plans were originally prepared for
addition and alterations to present
building, but this idea has been aban-
doned and new plans call for an en-
tirely new structure.

Plans Being Prepared. Cost, \$—
CITY HALL ETC.
TURLOCK, Stanislaus Co., Cal.
Two-story reinforced concrete city
hall and fire house.
Owner—City of Turlock.
Architect—G. N. Hilburn, Turlock.

VERNON, L. A. Co., Cal.—Until 10
a. m. Aug. 25th bids will be rec. by
the board of trustees of the city of Vernon
for erecting city hall on a 4-acre site
on Santa Fe Ave. near Vernon Ave.
Richard D. King, 519 Van Nuys Bldg.,
archt. The bldg will contain courtroom,
offices, lobby, jail cells and police of-
fices, living apartment, fire engine
quarters and armory and offices for
firemen; brick walls, 2-story, basement
reinft. conc. work, gas htg. sys., press.
brick and art stone facing, marble
work, storage water httr., pine and
hardw. trim, cement and hardw. fls.,
ornam. iron work; \$30,000.

KINGSBURG, Fresno Co., Cal.—
County appropriates \$1500, one-half
cost, to erect jail building in Kings-
burg. City of Kingsburg will pay
remaining half.

SALINAS, Monterey Co., Cal.—F. C.
Carlson, Salinas, at \$850 awarded con-
tract by supervisors to remodel county
courthouse. Dean Construction Co. and
George R. Dean were other bidders.

SALINAS, Monterey Co., Cal.—An-
derson and Daugherty, Salinas, at \$5-
700 awarded contract by supervisors to
install heating system in county court-
house. Other bidders: George C. Bell
Jr.; Geo. A. Schuster; P. W. Wood Inc.;
Stockton Plumbing Supply Co.; Fred
Bowen; Dean Construction Co.

SALINAS, Monterey Co., Cal.—Super-
visors take under advisement bids re-
ceived to install burglar alarm system
in county treasurer's office. Bidders
were: Duplex Electric Co.; Herman
Safe Co.; American Bank Protection
Co.; Butte Electric and Manufacturing
Co.

RESIDENCES

Plans Being Prepared. Cost, \$12,000
RESIDENCE. Cost, \$12,000
SAN JOSE, Ashbury & Myrtle Sts.
Two-story frame and plaster residence
with tile roof and garage.
Owner—Harvey Harold.
Architect—Chas. McKenzie, Bk of San
Jose Bldg., San Jose.

Contract To Be Awarded. Cost, \$12,690
RESIDENCE. Cost, \$12,690
SAN JOSE, Santa Clara Co., Cal., Nagle
Terrace.
Two-story and basement frame and
stucco residence and garage (8-
room, shingle roof).
Owner—W. H. Sontheimer.
Architect—Chas. S. McKenzie, Bank of
San Jose Bldg., San Jose.
Contractor—N. O. Berg, 431 Marshall
St., San Jose.

Plans Being Prepared. Cost, \$10,000
RESIDENCE. Cost, \$10,000
SAN FRANCISCO, 27th near Irving.
Two-story fram eand stucco residence.
Owner—Geo. Solmon.
Architect—Walter Falch, Hearst Bldg.,
San Francisco.

Preliminary Plans Being Prepared. Cost, \$10,000
RESIDENCE. Cost, \$10,000
RICHMOND, Contra Costa Co.
Two-story frame and stucco residence.
Owner—Dr. U. S. De Lapp.
Architect—James T. Narett, 910 Mac-
donald Ave., Richmond.

Contract Awarded. Cost, \$13,000
RESIDENCE. Cost, \$13,000
BERKELEY, Portion lots 5 & 16 Block
A San Louis Court.
Two-story frame residence.
Owner—C. B. Wallace, 833 Curtis, Ber-
keley.
Designer—S. G. Jackson.
Contractor—C. P. & Edward Anderson
(Anderson & Anderson) Albany.

Contract Awarded. Cost, \$12,000
RESIDENCE. Cost, \$12,000
BERKELEY, 1425 Hawthorne Terrace.
Two-story frame residence.
Owner—S. & C. Daggett, 1427 Haw-
thorne, Berkeley.
Architect—J. H. Thomas, Merc. Trust
Bldg., Berkeley.
Contractor—Louis O. Hansen 1403 Bon-
ita, Berkeley.

Contract Awarded. Cost, \$10,466
RESIDENCE. Cost, \$10,466
SAN MATEO, SW Cor. 9th St. and Palm
Avenue.
One-story frame residence and garage.
Owner—Viola Bracken, 233 Post St.,
San Francisco.
Architect—Edw. G. Bowles, 233 Post,
San Francisco.
Contractor—W. E. Wood, 150 Post St.,
San Francisco.

Plans To Be Figured Next Week. Cost, \$35,000
RESIDENCE. Cost, \$35,000
SAN FRANCISCO, St. Francis Wood,
Buena, Ventura and St. Francis
Blvd.
Two-story and basement frame, plaster
and brick Spanish residence
with tile roof (9 rooms).
Owner—J. P. Livingston.
Architect—Joseph L. Stewart, Claus
Spreckels Bldg., San Francisco.

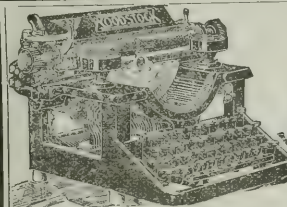
Contract Awarded. Cost, \$17,864
RESIDENCE. Cost, \$17,864
SAN FRANCISCO, N Washington 147-3
E Cherry.
Two-story and basement frame and
stucco residence.
Owner—Herbert Bauer.
Architect—Alfred H. Jacobs, 110 Sut-
ter St., San Francisco.
Contractor—Michael & Bonner, 762 De
Haro St., San Francisco.

Plans Being Figured. Cost, \$8000
RESIDENCE. Cost, \$8000
OAKLAND, Alameda Co., Cal., Lake-
shore Highlands.
Two-story and basement frame and
stucco residence 6-room & garage.
Owner—Howard Vardeman.
Architect—Willis C. Lowe, Monadnock
Bldg., San Francisco.

Contract Awarded. Cost, \$14,000
RESIDENCE. Cost, \$14,000
SACRAMENTO, 1030 44th
Two-story frame and stucco residence
and garage.
Owner—M. Wissemann, 1201 K St., Sacra-
mento.
Contractor—G. E. Harvie, 2212 T St.,
Sacramento.

Plans Being Figured. Cost, \$14,000
RESIDENCE. Cost, \$14,000
BERKELEY, Alameda Co., Cal., Tunnel
Road.
Two-story and basement frame and
stucco residence.
Owner — Dr. Hubert Heitman, 52 Up-
lands, Berkeley.
Architect—W. H. Ratcliff Jr., Mercan-
tile Trust Bldg., Berkeley.

Plans Being Prepared. Cost, \$12,000
RESIDENCE. Cost, \$12,000
SAN FRANCISCO, Santa Ynez & Otsego
Avenue.
Two-story frame and stucco residence
with terra cotta tile roof (8 rooms)
Owner—Joseph Delucchi.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.



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Plans Being Prepared.
HOUSE Cost, \$10,000
LOS GATOS, Santa Clara Co., Cal.
Two-story frame country house. (8 rms)
Owner—Mr. Weidman.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$9000
OAKLAND, Excelsior Blvd.
Two-story frame and rustic residence
and garage.
Owner—Mr. Ordway.
Architect—W. E. Schirmer, Thayer
Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$15,500
BERKELEY, 121 Spruce.
Two-story frame and stucco residence
and garage.
Owner—L. S. Levy, 1109 Glen, Berke-
ley.
Architect—W. A. Doctor, 807 Arlington
Berkeley.
Contractor—H. C. Knight, 1426 Frank-
lin St., Oakland.

Contract To Be Awarded.
RESIDENCE Cost, \$17,264
BERKELEY, Alameda Co., Cal. Tunnel
Road.
Two-story and basement frame and
stucco residence.
Owner—Dr. Hubert Heitman, 52 Up-
lands, Berkeley.
Architect—W. H. Ratcliff Jr., Mercan-
tile Trust Bldg., Berkeley.
Contractor—Chas. H. McCullough, 1641
Allston Way, Berkeley.

Contract Awarded.
RESIDENCE Cost, \$12,000
OAKLAND, Alvarado and Vicente Sts.
Two-story and basement frame and
stucco residence.
Owner—F. E. Romie, 418 Newton St.,
Oakland.
Architect—Hutchison and Mills, 1214
Webster St., Oakland.
Contractor—L. R. Wilson, 2216 Blake
St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
OAKLAND, Bellview Ave.
Two-story frame and stucco residence
8 rooms.
Owner—Mr. Seminoff.
Architect—Hutchison and Mills, 1214
Webster St., Oakland.

Plans Complete.
DWELLINGS Cost, \$44,800
SAN FRANCISCO, E Brighton N Lake-
view and vicinity.
12 1-story and basement frame dwell-
ings.
Owner—Jas. Arnott & Son, 235 Gran-
ville Way, San Francisco.

Contract Awarded.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Marina-Vanderbilt
Division.
Two-story frame and plaster residence.
Owner—St. Peter's & St. Paul's Church.
Architect—Powers & Ahnden, 460
Montgomery St., San Francisco.
Contractor—Sbarboro, Detjen & Jor-
gensen, care Italian American Bk.
Bldg., San Francisco.

Completing Plans.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, Vallejo Street W of
Broderick.
Two-story and basement frame and

stucco 7-room residence, Spanish
architecture.
Owner—Edm. Lapachet.
Architect—O. R. Thayer, 110 Sutter
St., San Francisco.

Plans Complete.
DWELLINGS Cost, \$4000 each
SAN FRANCISCO, S Granville 545 570
605 640 675 E Claremont.
Five 1-story and basement frame
dwellings.
Owner—Edm. Nelson, 55 Allston Way,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$16,700
PALO ALTO, Santa Clara Co., Cal.
One and one-half story frame and
stucco Spanish style residence with
tile roof.
Owner—Frank W. Erlin, Call Bldg.,
San Francisco.
Architect—W. H. Crim and Hamilton
Murdock, 425 Kearny St., S. F.
Contractor—J. W. Carpenter, 358 Ten-
nyson, Palo Alto.

LOS ANGELES, Cal.—Arch. Elmer
Grey, 625 Bank of Italy Bldg., is com-
pleting plans for 3 19-room English
residences to be erected at 3rd and
Hudson Sts. for Mr. Bowen. Frame
constr., 2-story and basement, brick
vener, plaster and half timber exter.
Vermont slate flg. graduated in thick-
ness, 5 tiled baths and kitchen, gas
furnace htg. sys., aut. storage water
htr., mantels, walnut and oak int.
trim, brass plumbing pipes throughout,
copper gutters and flashing, tile and
marble work, billiard room, concrete
tennis court, retaining walls, brick
garden walls enclosing property which
is 105x358 ft., reinf. conc. swimming
pool and dressing rooms, 5-car garage,
walks, drives and landscaping. D. F.
Harrison, 975 Gramercy Dr., has the
general contract on a cost plus fixed
fee basis.

SCHOOLS

Plans Being Refigured.
SCHOOL Cost, \$50,000
KELSEYVILLE, Lake Co., Cal.
One-story reinforced concrete high
school bldg. (7 classrooms).
Owner—Kelseyville Union High School
District.
Architect—W. H. Weeks, 369 Pine St.,
S. F. & Tribune Tower, Oakland.

Plans Being Prepared.
SCHOOL Cost, \$40,000
MOUNT EDEN, Alameda Co., Cal.
One-story frame and plaster school (4
rooms and auditorium).
Owner—Mount Eden School District.
Architect—Wolfe & Higgins, Auzaerals
Bldg.
Plans will be out for figures in two
weeks.

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fidence which architects, con-
tractors, and owners everywhere
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LOS ANGELES

Completing Plans.
GYMNASIUM Cost, \$60,000
POMONA, Los Angeles Co., Cal.
Reinforced concrete and brick veneer
gymnasium bldg.
Owner—Pomona High School.
Architect—W. H. Weeks, 369 Pine St.,
S. F. and Tribune Tower, Oakland.

Completing Plans—Figures To Be Tak-
en Shortly.
AUDITORIUM ETC Cost, \$85,000
WOODLAND, Yolo Co., Cal.
Reinforced concrete and frame audi-
torium and gymnasium.
Owner—Woodland High School.
Architect—W. H. Weeks, 369 Pine St.,
S. F. and Tribune Tower, Oakland.

Commissioned To Prepare Plans.
SCHOOL Cost, \$10,000
UKIAH, Mendocino Co., Cal.
One-story school.
Owner—Signal Rock School.
Architect—Norman R. Coulter 46 Kear-
ny St., San Francisco.

Commissioned To Prepare Plans.
SCHOOL Cost, \$60,000
ARCATA, Humboldt Co., Cal.
School.
Owner—Arcata School District.
Architect—Norman R. Coulter 46 Kear-
ny St., San Francisco.
Further details will be given later.

Plans Being Figured — Bids To Be
Opened Aug. 25, 1924.
SCHOOL Cost, \$12,000
CONCORD, Contra Costa Co., Cal.
One-story frame grammar school au-
ditorium building.
Owner—Concord Grammar School Dis-
trict.
Architect—James T. Narbett, 910 Mac-
donald Ave., Richmond.

Plans Being Figured — Bids To Be
Opened Aug. 19, 1924.
ADDITION Cost, \$17,000
KERN COUNTY, Cal.
Two-room frame addition and remodel-
ing present school building.
Owner—Vineland School District.
Architect—Edw. Glass, 525 Market St.,
San Francisco.

Plans Being Prepared.
SCHOOL Cost, \$3500
GALT, Sacramento Co., Cal.
Six-room frame temporary school
building.
Owner—Galt High School District.
Architect—R. A. Herold, Forum Bldg.,
Sacramento.

Contract Awarded.
ADDITION Cost, \$13,884
MARYSVILLE, Yuba Co., Cal., Block
bounded by 6th, 7th, 8th and F Sts.
Two-story and basement 4-classroom
brick addition to grammar school.
Owner—Marysville Grammar School
District, Walter A. Kynoch, secy.
Architect—Miss Julia Morgan, Mer-
chants Exchange Bldg., S. F.
Contractor—I. C. Evans, 802 E St.,
Marysville.
Other bidders were: Warden & Hite,
\$15,160; John Palm, \$15,658.

Plans To Be Prepared.
GYMNASIUM Cost, \$35,000
LOS GATOS, Santa Clara Co., Cal.
One-story frame and stucco gymnasium
Owner—Los Gatos Union High School
District.
Architect—W. H. Weeks, 369 Pine St.,
S. F. & Tribune Tower, Oakland.

Preliminary Plans Prepared.
SCHOOL Cost, \$175,000
SAN FRANCISCO, Broadway bet. Web-
ster and Buchanan Sts. and F Sts.
Three-story and basement brick pri-
vate school for girls.
Owner—Miss Hamlin's School.
Architect—G. A. Lansburg, 140 Mont-
gomery St., San Francisco.

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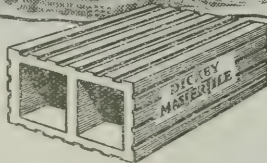
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(2) The United States Hospital for disabled war veterans at Livermore is now being constructed of Dickey Mastertile.

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Builders Exchange, Oakland

WOODLAND, Yolo Co., Cal.—The following bids were opened by the Board of Trustees of the Woodland Grammar School District in the Board of Trade Rooms at the Yolo County Court House, at 2 P. M., August 9th, for the rebuilding of the brick and concrete grammar school building, according to plans and specifications by Architect W. H. Weeks, 369 Pine street, San Francisco.

General Contract

Campbell Constr. Co., Nicolaus Bldg., Sacramento, \$71,653 (low). Prop. (1) \$500; (2) \$2090; (3) \$60; (4) \$642.
 Herndon & Finnegan, \$75,280 (1) \$478; (2) \$2720; (3) \$36; (4) \$696.
 West Coast Constr. Co., \$77,500 (1) \$400; (2) \$2700; (3) \$150; (4) \$810.
 J. F. Shepherd, \$78,500 (1) \$550; (2) \$2300; (3) \$145; (4) \$442.
 Cobbey & Owsley, \$78,554 (1) \$700; (2) \$1800; (3) \$125; (4) \$677.
 F. H. Betz, \$86,840 (1) \$510; (2) \$2700; (3) \$75; (4) \$520.

Combination Bid (General, Electrical Work and Plumbing)

Campbell Construction Co., \$77,425
Electrical Work
 M. E. Ryan, 231 Main St., Redwood City (low) \$4465 alt. \$620.
 Geo. C. Foss, \$4490; alt. \$300.
 Electric Supply Co., Sacto, \$4500; alt. \$160.
 Latourrette-Fical Co., Sacto., \$4534; alt. \$132.50.
 F. E. Newberry Co., \$4750; alt. \$150.

Plumbing

W. P. Boyce & Son, 415 Main St., Woodland (low) \$2600
 W. T. Gibson, 2778
 Latourrette-Fical Co., 2975
 Carl T. Doell, 7663
 Bonded Floors Co., 370 2nd St., San Francisco (low) ... \$1238.00 \$133
 D. N. & E. Walters, 1428.25 143
 W. J. Sioane, 1435.00 145
 All bids were taken under advisement.

MERCED, Merced Co., Cal.—Until Aug. 20, 9 A. M., bids will be received by Adam MacPherson, clerk, Merced Falls School District, to erect 2-room addition to Merced Falls School. W. E. Bedesen, engineer, Shafer Bldg., Merced. Cert. check 10% payable to clerk req. Plans obtainable from engineer on deposit of \$10, returnable.

REDONDO, Los Angeles Co., Cal.—Until 2 P. M., Aug. 30, bids will be received by the Board of Trustees of Redondo Beach City School Dist. for erecting North School bldg. according to plans and spec. by Archt. Frank M. Goodwin, 203 1/2 Main Street, Compton, California. Plans and specifications on file with architect, where they may be seen bet. hours of 3 and 5 p. m. only, and Los Angeles Builders Exchange. Deposit of \$10, to be refunded. Cert. or cash, check or bid bond for 5%. Ernest C. Heath, clerk. Bldg. will be 2-story, 14-room, class C structure. Extreme dimen. 100x217 ft., brick walls, reinf. conc. exterior fls., stairs, walkways, plas. ext., tile and comp. flg., art stone, hardwood fls., gas radi., elec. clocks. Est. cost \$115,000.

PASADENA, L. A. Co., Cal.—Archit. and Engr. Starrett & Payne, 426 Western Mutual Life Bldg., have completed plans for the first unit of a mausoleum on N Raymond Ave., Pasadena, for the Pasadena Mausoleum Co., 208357 ft. with two wings 40 ft. wide, reinf. conc. constr., art store front, comp. flg., tile inter., mosaic fls., bronze doors and grilles, var. glass windows and skylights, \$150,000. Owner will erect by day labor and subcontract.

YREKA, Siskiyou Co., Cal.—Until Aug. 24, 10 A. M., bids will be received by Mrs. C. E. Gillis, clerk, Yreka Grammar School District, to erect play shed on school grounds. Cert. check 10% req. with bid. Further information obtainable from clerk.

SPARKS, Nevada—Jos. Dillard, Reno at \$81,554 awarded contract by Sparks Junior High School District to erect new school, with 100 ft. by 100 ft. P. J. DeLongchamps, architect, Gazette Bldg. Reno.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 21, 9 P. M., bids will be received by C. J. Russell, clerk, Vineland School District, Rt. 4, Box 236, Bakersfield, to erect 2-room brick addition to school. Glass & Dupes, architects, New Fish Bldg., Bakersfield. Cert. check 10% req. with bid. Plans obtainable from architects.

EDISON, Kern Co., Cal.—Until Aug. 21, 8 P. M., bids will be received by E. O. Mitchell, clerk, Arvin School District, Main St., Edison, Cal., to erect 1-classroom school. Glass and Dupes, architects, New Fish Bldg., Bakersfield. Cert. check 10% req. Plans obtainable from architects.

FRESNO, Fresno Co., Cal.—Until Aug. 18, 8 P. M., bids will be received by L. M. Martin, clerk, Washington Union High School District, Rt. E. Box 216-A, Fresno, to furnish 12 sections of Library Bureau shelving; one De Vry portable projector, Type R; furnishing dipping and refinishing materials for 300 desks, also use of tank for same. Further information obtainable from clerk.

FRESNO, Fresno Co., Cal.—Until Aug. 25, 7:30 P. M., bids will be received by L. M. Martin, clerk Washington Union High School District, to const. conc. and cem. walks, curbs, etc. at school grounds; also for alterations and additions for building to house girls' shower rooms. Coates and Traver, architects, Rowell Bldg., Fresno. Cert. check 10% req. Plans obtainable from architects.

POMONA, L. A. Co., Cal.—William H. Weeks, San Francisco, and Robert H. Orr, 1305 Corporation Bldg., assoc. architects, are completing plans for a gymnasium bldg. to be erected at the high school site, Pomona, for the Pomona board of education. Brick walls, 1-story, comp. rfg., cement and maple fls., gas htg. sys., wood roof trusses, skylights, water htr., locker rooms, spectators' seats, pine trim; \$50,000.

SAN FRANCISCO—Van Emon Elevator Co., 1161 Howard, at \$3773 submits low bid to Board of Public Works to erect and install elevators in High School of Commerce addition in Fell St. near Van Ness Ave. Other bids: Spencer Elevator Co., \$4876; Otis Elevator Co., \$4490.

YUBA CITY, Sutter Co., Cal.—Until Aug. 25, 3 P. M., bids will be received by V. W. Cooley, clerk, Yuba City Union High School District, to install heating system in music room of school group. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—A. C. Zimmerman, archt. and engr., 836 H. W. Helman Bldg., has completed preliminary plans for a school bldg. to be erected at the Miramonte school site, on Florence Ave. bet. Central Ave. and Compton Blvd. for the Board of Education. Brick walls, 2-story, reinf. conc. corridor and stair constr., tile rfg., maple and battleship linoleum fls., add. to present steam htg. sys., select common brick facing; \$70,000.

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YUBA CITY, Sutter Co., Cal.—Until Aug. 25, 3 P. M., bids will be received by V. W. Cooley, clerk, Yuba City Union High School District to install toilets, laboratories and other plumbing fixtures in school. See call for bids under official proposal section in this issue.

YUBA CITY, Sutter Co., Cal.—Until Aug. 25, 3 P. M., bids will be received by J. S. Cope, Clerk, Lincoln School District, to erect 3-classroom frame and stone school, house of 13,000 sq. ft. and to which trustees will add other funds. Geo. C. Sellen & Co., architects, California State Life Bldg., Sacramento. Bids are wanted for (1) concrete and masonry work combined; (2) plastering; (3) painting; (4) sheet metal work; (5) roofing; (6) plumbing; (7) electric work and electric heating. Bids will also be considered for plumbing, sheet metal, electric work and electric heating combined. Cert. check 10% payable to clerk of district req. Plans obtainable from architects on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

CASTRO VALLEY, Alameda Co., Cal.—Until Aug. 25, 3 P. M. bids will be received by John T. Stanton, clerk, Castro Valley School District, Rt. 1, Box 237, Hayward, to erect 2 pergolas on school grounds. Cert. check 10% payable to clerk req. Further information obtainable from clerk.

BIRMINGHAM, Butte Co., Cal.—Until Aug. 22, 3 P. M., bids will be received by Geo. W. Mount, principal, Durham Union High School, to erect school building and construct shelves and install tables in High School Library. Cole and Bruchoud, architects, First National Bank Bldg., Chico. Cert. check 10% req. Plans obtainable from architect and on file in office of principal.

MISSION ACRES, Los Angeles Co., Cal.—Henry W. Schluter, 1014 Black Bldg., was low bidder at \$45,750 on gen. contr. for new school at Mission Acres site on Langdon St., San Fernando Valley. Low bidders on other parts of wk. were: Plumbing, Buffalo Plbg. Co., 220 W. 54th St., \$3996; heating, Hickman Bros., 471 W. 8th St., San Pedro, \$4583; painting, Parker-Judge Co., 1253 W. 6th St., \$1032; elec. wiring, American Elec. Const. Co., 757 9th St., \$1570.60.

LONG BEACH, L. A. Co., Cal.—W. J. Purgin, 1100 Redondo Ave., Long Beach has gen. contr. for \$60,000 2-story dormitory bldg. for the first unit of group of private school bldgs. at Cherry Ave. and Catalina St. for San Pedro, \$4583; painting, Parker-Judge Co., 1253 W. 6th St., \$1032; elec. wiring, American Elec. Const. Co., 757 9th St., \$1570.60.

LOS ANGELES, Cal.—Archit. H. C. Deckbar, 1007 Wright-Callender Bldg., is preparing plans for a 8-room addition to the Lorena school at Cor. Lorena and 7th St. for the board of education. Two-story, 11x50 ft., brick constr., blue brick exterior walls, art stone entrance, comp. rfg., wainscoting in toilet rooms to be 6 ft. of white glazed brick, conc. and conc. and pine trim, wrought iron railings, black. There will be a kindergarten, workshop and storeroom, also a loggie connecting up the old and new bldgs.; \$60,000.

BANKS, STORES & OFFICES

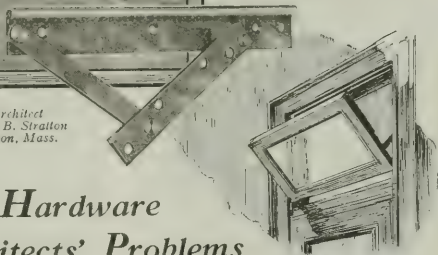
Sub Contracts Awarded.
STORE & OFFICE Cost, \$30,000
 SAN JOSE, Santa Clara bet. Market and First Streets.
 Alterations to 3-story store and office building.
 Owner—Auerhaus Bldg. Co.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.
 Plastering awarded to Chas. Piliotte, William B. Bly, San Francisco.
 Sheet Metal to Western Furnace and Cornice Co., 202 Brannan St., S. F.
 Bids to be taken next week on store fronts.

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LOFT BLDG. Cost, \$40,000
SAN FRANCISCO, Howard St. near 8th
 Two-story and basement and mezzanine reinforced concrete loft bldg.
 Owner—Weekly Drug Co.
 Architect—Maxwell Bugbee, 618 Washington St., San Francisco.

Plans Being Completed.
OFFICE BLDG. Cost, \$200,000
SAN FRANCISCO, SE Cor. Van Ness Ave. and Hayes St.
 Four-story class A office bldg.
 Owner—Calif. State Automobile Association.

Architect—George W. Kelham, Sharon Bldg., San Francisco.
 Figures to be taken in six weeks.

Contract Awarded.
STORE & OFFICE Cost, \$33,106
SO. SAN FRANCISCO, Lot 5 Blk 39 So. San Francisco.

Two reinforced concrete store and office buildings.
 Owner—J. W. Martin Co., So. San Francisco.

Architect—E. L. Norberg, 593 Market St., San Francisco.
 Contractor—R. C. Stickle, South San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$90,000
OAKLAND, N 15th St. 125 E Broadway
 Three-story concrete store building.
 Owner—H. C. Capwell, 14th & Clay Sts. Oakland.

Architect—Reed & Corlett, Oakland Bldg., Oakland.
 Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland.

Contract Awarded.
OFFICE BLDG. Cost, \$26,000
SAN FRANCISCO, NE Montgomery and California.

Two-story brick and concrete office building.
 Owner—Marion L. Lord, Kohl Bldg., San Francisco.
 Architect—Henry H. Meyers, 1201 Kohl Bldg., San Francisco.
 Contractor—Chadwick & Sykes, Kohl Bldg., San Francisco.

Plans Being Prepared.
COMMISSION HOUSE Cost, \$25,000
OAKLAND, Alameda Co., Cal. Fifth & Webster Streets.
 Two-story brick commission house.
 Owner—Withheld.
 Architect—Schirmer Hughes Co., Thayer Bldg., Oakland.

Plans Completed.
STORE BLDG. Cost, \$12,000
SAN FRANCISCO, SE Monterey and Genesee St.
 One-story and basement frame store building.
 Owner—Herman Hogrefe, 741 Market St., San Francisco.
 Architect—Edward E. Young, 2002 California St., San Francisco.

Plans To Be Prepared.
REMODELING Cost, \$—
SAN FRANCISCO, Mission & Geneva.
 Remodeling of building.
 Owner—Bank of Italy, Market, Powell and Eddy Sts., San Francisco.
 Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Plans Being Prepared.
STORE & OFFICE BLDG. Cost, \$25,000
SAN JOSE, Santa Clara near Market.
 Additions and alterations to 3-story brick store and office bldg.
 Owner—Grattan D. Phillips, 2260 Valero St., San Francisco.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, \$15,000
REDWOOD CITY, Broadway and El Camino Real.
 One-story frame & plaster store bldg. (11 stores).

Owner—Withheld.
 Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.

Plans Being Figured.
OFFICE BLDG. Cost, \$100,000
SAN JOSE, 3rd and San Fernando.
 Two-story & basement reinforced concrete office building.
 Owner—Pacific Gas & Elec. Co.
 Architect—Binder & Curtis, Binder Bldg., San Jose.
 Date of opening of bids Aug. 15th.

Contract Awarded.
STORE & OFFICE Cost, \$44,000
OAKLAND, SE Corner 15th and Webster.

Three-story and basement C concrete and steel store and office bldg.
 Owner—Mrs. White.
 Architect—Clay N. Burrell, Amer. Bank Bldg., Oakland.
 Contractor—R. W. Littlefield, 357 12th St., Oakland.

Sub Contracts.
OFFICE & STORE Cost, \$150,000
OAKLAND, NE Cor. Hobart and Webster Streets.
 Three-story class C office and store building.

Owner—Builders Exchange Holding Corporation, 351 12th St., Oakland.
 Architect—Howard Schroeder, 357 12th St., Oakland.

Mgr. of Construction—J. S. Magnanini, 606 36th St., Oakland.
 E. M. Tilden is president of Builders Exchange and W. Shaw, secretary.
Plumbing awarded to Carl L. Doell at \$9815.

Heating to W. H. Picard, 351 12th St., Oakland at \$11,185.

As previously reported, structural steel was awarded to Herrick Iron Works, 18th & Campbell Sts., Oakland; concrete to F. E. Nelson, 351 12th St., Oakland; excavating to J. Catucci, 351 12th St., Oakland.

Contract Awarded.
STORE & OFFICE BLDG. \$19,100
OAKLAND, N Foothill Blvd 400 W Seminary Ave.
 Two-story 11-room store and office building.

Owner—C. R. Wagenet, 359 12th St., Oakland.
 Architect—L. F. Hyde, 372 Hanover Ave., Oakland.
 Contractor—C. G. Hildebrand 1700 Fremont Way, Oakland.

Contract Awarded.
ALTERATIONS ETC. Cost, \$37,675
SAN FRANCISCO, 2075 Mission St.
 Alterations and additions to store bldg.
 Owner—Sophia & Jacob Kauffman 2075 Mission St., San Francisco.
 Contractor—H. H. Larsen Co., Monadnock Bldg., San Francisco.

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Plans Being Completed—Figures To Be Taken Shortly.
STOCKS BLDG. Cost, \$35,000
SAN FRANCISCO, E Mission St., bet. 16th and 17th Sts.
Two-story brick furniture store bldg.
Owner—Lachman Bros.
Architect—S. Helman, 57 Post St., San Francisco.

Sub Contracts Awarded.
TELEPHONE BLDG. Cost, \$218,840
BERKELEY, S Bancroft Way, between Shattuck Ave. and Fulton st.
Four-story class A reinforced concrete telephone building (all work except steel frame and cast iron bases).

Owner—Pac. Tel. & Tel. Co.
Architect—E. V. Cobby, Shreve Bldg., San Francisco.

Contractor—Monson Bros., 251 Kearny St., San Francisco.

Terra cotta awarded to Gladding, McBean & Co., Crocker Bldg., S. F.
Reinforcing bars to Badt-Falk Co., Call Bldg., San Francisco.

Iron Work to Fair Mfg. Co., 617 Bryant St., San Francisco.

Sheet metal work to Forrester Cornice Works, 16th and Potrero Sts., S. F.
Plumbing, heating & gas fittings to Thomas Skelly, 180 Jessie St., S. F.

SAN BERNARDINO, Cal.—Architect Howard E. Jones, 445 4th St., has completed plans and is taking bids for 3-story class A bldg. at s.e. cor. 5th and E Sts. for Frank C. Platt Inv. Co. Theatre seating 1500, 9 stores and 46 offices; 100x170 ft., steel frame const., elec. elevator; \$400,000.

SACRAMENTO, Cal. — F. H. Betz, Ochsenr Bldg., Sacramento, awarded general contract at \$9866, Hately & Hately, Mitau Bldg. at \$886 awarded the plumbing and Electric Supply Co., 814 J St. awarded electrical work at \$275 for the construction of an addition to the Sierra School. Plans by Architects Woollett and Lamb, Mull Bldg., Sacramento.

Sub Contracts Awarded.
ADDITION Cost, \$750,000 approx.
SAN FRANCISCO, N Bush St., between Grant Ave. and Kearny St.
Twelve-story class A addition to Central Exchange and office building.
Owner—Pacific Telephone & Telegraph Company.

Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Dinwiddie Construction Co. Chronicle Bldg., San Francisco.

Elevator door hangers awarded to Elevator Supply Co., 184 5th St., San Francisco.

As previously reported, metal trim Dahistrom Metalic Door Co., Hearst Bldg., San Francisco; Campbell metal window trim to Forrester Cornice Wks., 269 Potrero Ave., S. F.; reinforcing steel to Edw. L. Soule Co., Rialto Bldg. S. F.; plastering to Jas. Greenback, 185 Stevenson St., S. F.; grading to Sibley Grading & Teaming Co., 156 Landers St., S. F.; steel to Dyer Bros., 1850 17th St., S. F. at \$205,000.

LOS ANGELES, Cal.—Geo. W. Ritchie 2532 W 7th St., has prepared plans for a 2-story class C store and loft bldg. to be erected at n.w. cor. of Pico and Norton Sts. for Lillian McLaughlin, 331 S Normandie Ave. Dimensions, 22x33 ft., brick walls, press. brick facing, plate glass, steel beams, comp. rfg., metal skylights, metal sash, cem. and wood floors; \$75,000.

LOS ANGELES, Los Angeles Co., Cal. —A. C. Zimmerman, archt. and engr., 836 H. W. Hellman Bldg., is preparing plans for a class A bldg. to be erected at Roosevelt memorial park, near Gardena, for the Parg Development Co.; the bldg. will house a large pipe organ. Reinf. conc. constr., 30x50 ft., 50 ft. high, cement gun exter., Gladding-McBean tile rfg., cement fls., a Wurlitzer pipe organ is to be installed at a cost of \$150,000.

PHOENIX, Arizona.—Wolpe Inv. Co. has secured option on site 100x137 ft., west of Central Ave. upon which \$250,000 dept. store will be built.

THEATRES

Plans Being Completed—Figures To Be Taken Soon.

REMODEL Cost, \$—
BERKELEY, Alameda Co., Cal., University and Shattuck Aves.
Remodel ventilating etc. in theatre.
Owner—West Coast Theatres Inc. of No. Cal., 131 Leavenworth St., San Francisco.

Architect—Owners.
Further information may be obtained from Mr. Hanks at 134 Leavenworth St., San Francisco.

RAMONA PARK, San Diego, Cal.—Howe & Merrill, Riverside, will erect theater on S Garfield Ave; \$75,000.

Preliminary Plans Being Prepared.
THEATRE ETC. Cost, \$1,250,000
LOS ANGELES.

12-story class A theatre and office bldg
Owner—Orpheum Theatre Co.
Architect—G. A. Lansburg, 140 Montgomery St., San Francisco.

Theatre will have seating capacity of 2300.

Preliminary Plans Being Prepared.
THEATRE ETC. Cost, \$700,000
HOLLYWOOD, Hollywood Blvd.

Six-story class A theatre and department store.

Owner—C. E. Taberman.
Architect—G. A. Landsburg, 140 Montgomery St., San Francisco.

LOS ANGELES, Cal.—West Coast Theatres, Inc., Knickerbocker Bldg., announces it will construct twenty-eight new motion picture theatres in Southern California section at a cost of \$5,000,000.

SANTA MONICA, L. A. Co., Cal.—Arne Nordskog, vice pres., Greater Pico Blvd Assn., has submitted plans to city commissioners for bldg. conc. amphitheatre with seating capacity of 20,000 on Pico Blvd., bet. 2nd and 4th Sts. It is proposed to issue \$500,000 bonds to finance the project.

ALL PAINTS

— for —

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LIVERMORE, CALIF.

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J. S. GUERIN CO., SAN FRANCISCO

Bids Opened.**THEATRE**

KING CITY, Monterey Co., Cal.
One-story reinforced concrete or hollow tile motion picture theatre.
Owner—Leslie Hables.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Hansen, Robertson & Zumwalt
4145 Broadway, Oakland... \$20,830
Barr & Son, Oakland 21,384
E. M. Britt, Salinas 21,908
H. R. Sherman, San Jose 25,210
Dean Constr. Co., Monterey..... 25,498
Jensen & Petersen, Oakland.... 25,765
E. Nomsen, San Jose 26,065
All bids are under advisement.

WHARVES AND DOCKS

BENICIA, Solano Co., Cal.—Duncanson & Harrelson, Chronicle Bldg., San Francisco, awarded contract by Benicia Water Co., to const. wharf at foot of First St. Will be 110 ft. in length, 24 ft. wide; est. cost, \$12,500.

OCEANSIDE, Cal.—City trustees plan const. of municipal pier, costing \$40,000. City Engr., R. H. Earnwell has prepared plans for a 1500 ft. pier, 20 ft. wide. The engr. favors a concrete pile pier.

MISCELLANEOUS BUILDING CONSTRUCTION

OROVILLE, Butte Co., Cal.—Until Aug. 28, bids will be rec. by C. F. Belding, county clerk, to paint upper Feather River bridge. Plans on file in office of clerk.

MONROVIA, L. A. Co., Cal.—Cook & Hall, landscape archts., I. W. Hellman Bldg., have completed plans for a recreation park on a 22-acre tract, Monrovia, for the city of Monrovia; landscaping, walks, drives and there will be a reinf. conc. swimming pool 51x150 ft. with tile walls; day labor and sub-contract under supervision of City Engineer Gierlich. Bonds in amount of \$80,000 have been voted.

MERCED, Merced Co., Cal.—Pacific Portland Cement Co., Pacific Bldg., San Francisco, awarded contract by Merced Irrigation District to furnish cement required for construction of Exchequer dam, the company agreeing to furnish cement at the base rate bid recently, but in addition will grant a rebate of 25 cents on each barrel until the amount of \$90,000 is reached, this being the total amount less than the original bid.

VENICE, L. A. Co., Cal.—Arch. O. L. Clark, 521 Chapman Bldg., is completing plans for an amusement pier at foot of Center St., Venice, for the Electric Pier & Amusement Co., Ernest Phillips, mgr., Merritt Bldg., Los Angeles. Frontage of 700 ft., extending 1200 ft. in the ocean; frame and conc. constr. bldgs. on pier of frame constr., comp. rfg.; cement, maple and pine fls.; reinf. conc. swimming pool 200x500 ft.; bath house, large dance pavillion equipped with sprinkler sys., open air theater to seat about 15,000, fire fighting apparatus; several streets leading to pier will be opened and widened; \$1,500,000. John Simpson Co., 701 Antonio Ave., L. A., has the general contract on percentage basis.

INGLEWOOD, L. A. Co., Cal.—City Atty. Clyde Woodworth, Inglewood, in reply to Inglewood Legion Post, states that a memorial stadium could be made a part of the proposed municipal park project with title vested in the city.

MERCED, Merced Co., Cal.—Contracts awarded by the Merced Irrigation District for the Exchequer Dam and relocation of 17 ml. of the Yosemite Valley Railroad provide for the district to furnish cement required to complete the projects. Officials from various cement companies are in touch with the board regarding the purchase of the product.

WESTWOOD, Lassen Co., Cal.—Red River Lumber Co. has started construction of pine veneering plant to be 800 ft. in length 160 ft wide.

SAN FRANCISCO, Cal.—The following bids were opened at the office of the Park Commissioners, Park Lodge, Golden Gate Park, August 11, 1924, for the construction of a boiler house to house the heating equipment in the M. H. de Young Memorial Museum from plans by Architect Weeks & Day, 315 Montgomery St., San Francisco:
L. Vannucci, 16th and Church
St., S. F. (low) \$3725
Barrett & Hilp 4000
G. Spargis 4320
Williams & Vaad 4565
E. K. Nilson 4737
Cochrane Boehme Co. 5572
Grant & Hart 5989
All bids were taken under advisement.

FULLERTON, Los Angeles Co., Cal.—Arch. Carleton M. Winslow, 921 Van Nuys Bldg., has completed plans for a swimming pool to be erected at the high school site, Fullerton, for the Fullerton Union High School District. The pool will be 100x49 ft. and will be 3½ ft. to 3¾ ft. deep, reinf. conc. constr., white portland cement finish, filtration sys., storage water htr., pumping plant, etc. Bids to be taken soon.

SAN DIEGO, Cal.—Lieut. Commander G. C. Eichman of naval air station, San Diego, will confer with city officials relative to establishment of government air base at the harbor, probably on Terminal Island.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 313 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such Requests must be accompanied by the Index Number of each opportunity.

D-1341—San Francisco. Partner wanted to take half interest in exclusive sales contract covering bay counties. \$2500 required. Previous automobile subdivision advertising or specialty experience desired but not necessary

D-1342—Berkeley, Cal. Exceptional opportunity to take over long established factory and going business for one who can invest services and \$50,000. First-class proposition open to full and mutual investigation.

D-1343—Champaign, Ill. Manufacturers of sectional and removable partitions desire local representative.

8474—Hull, England. Exporters of trawl netting, made of Manila trawl twine, desire to appoint a San Francisco firm as their exclusive representative on the Pacific Coast.

8476—Switzerland. Swiss chemical manufacturer desires to appoint an exclusive representative in San Francisco

8477—Rotterdam, Holland. Import house, established since 1389, desires to complete arrangements with a San Francisco exporter to represent him in Holland, terms to be cash against documents.

8478—Paris, France. Manufacturer of wall paper desires to send samples and quote prices to San Francisco importers interested in this product.

8489—Baltimore, Maryland. Business man desires to act as Eastern representative of San Francisco import and export house. He offers full particulars and best references. Correspondence invited.

8494—San Francisco, Cal.—Lady with college education, who has been employed three years with the League of Nations, expert English, French and German stenographer, translator, interpreter, with legal and commercial experience, desires position with local foreign trade house.

8495—San Francisco Cal.—Gentleman with sales and executive experience directing automobile and machinery importations in Shanghai, desires to act as representative for a San Francisco firm in the Far East.

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192

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$5.00 (Remittance must accompany order)

Name

Street and No.

City State

Official Proposals

NOTICE TO BIDDERS

(Yuba City Union High School Dist.)

Notice is hereby given by the High School Board of the Yuba City Union High School, that they will up to the hour of 8 o'clock P. M., on Monday, August 25th, 1924, receive sealed bids for the furnishing of:

- One small metal lathe
- One portable electric drill
- One 2-inch hand saw
- One lot of science apparatus;

A number of tools, laboratories and other plumbing fixtures, and also, sealed bids for the heating of the music room.

Specifications for all the articles and work hereby advertised for are on file at the High School and with the Clerk of this Board, and bids may be presented for any or all of said articles and according to the manner specified in said specifications.

Each bid must be accompanied by a certified check or cash equal to 10 per cent of the amount bid, to be forfeited to said Board in case bidder fails to furnish the materials or do the work specified as in said specifications provided.

The Board reserves the right to reject any and all bids.

Dated this 4th day of August, 1924.
By order of the High School Board of the Yuba City Union High School,
V. W. COOLEY, Clerk.

NOTICE TO CONTRACTORS

(City of Salinas—Storm Sewer)

Sealed proposals will be received by the Council of the City of Salinas up to 7:30 o'clock P. M., on Monday, the 18th day of August, 1924, for furnishing material and labor and constructing a storm water sewer on Capitol and Central Avenues in the said City of Salinas, California. Separate bids will be received under proposition No. 1 and No. 2, viz:

Proposition No. 1 (Concrete Pipe)
Under the proposal No. 1 the pipe to be furnished and laid is first quality tongue and groove concrete pipe, meeting the requirements of the specifications adopted by the American Society for Testing Materials.

Engineer's Estimate

1. 413 lineal feet of 18-inch pipe.
2. 925 lineal feet of 21-inch pipe.
3. 956 lineal feet of 24-inch pipe.
4. 893 lineal feet of 30-inch pipe.

Proposition No. 2 (Vitified Clay Pipe)
Under proposal No. 2 the pipe is to be first quality, double strength bell and spigot vitified clay glazed sewer pipe, meeting the requirements of the specifications adopted by the American Society for Testing Materials.

Engineer's Estimate

1. 413 lineal feet of 18-inch pipe.
2. 925 lineal feet of 21-inch pipe.
3. 956 lineal feet of 24-inch pipe.
4. 893 lineal feet of 30-inch pipe.

Explanations

The contractor will be required to remove the present water bound pavement and place the same to one side of the trench and keep all dirt off the same; excavate the trenches, lay pipe, install Y's at locations shown on plans, and back fill trenches with dirt as provided in the specifications.

The city of Salinas will construct all manholes and catchbasins and make all connections from catch basins to manholes and Y's; leaving the main lines of the sewer only, to be constructed under contract.

The Council reserves the right to reject any and all bids or proposals; and to award the contract to the lowest responsible bidder under proposition No. 1 or No. 2 in its discretion. Plans and specifications for the foregoing described work are on file in the office of the clerk of the city of

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worthwhile contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.
All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Salinas, Monterey County, California, and are open to the inspection of bidders. Bids or proposals shall be accompanied by a certified check in a sum equal to 10 per cent of the amount bid.

M. R. KEEF,
Clerk of the City of Salinas.

NOTICE TO CONTRACTORS

(Lincoln School Dist.—Sutter County)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Lincoln School District County of Sutter, State of California, at the office of the District Attorney at Yuba City, until 8 P. M., August 25, 1924, for the erection of a school building to be built in the Lincoln District, Sutter County, California, according to plans and specifications prepared for the same by George C. Sellon & Company, the authorized Architects.

Bids will be received for various branches of the work as follows: For the concrete and carpenter work combined; for the plastering; for the painting; for the sheet metal work; for the roofing; for the plumbing; for the electrical work and for the electric heating. Bids will also be received for the plumbing, sheet metal, electrical work and electric heating combined.

Plans and specifications can be seen during office hours at the office of the Clerk of the Board of Trustees, and may be seen at or obtained from the office of the Architects, California State Life Building, Sacramento, California.

A cash deposit of \$25.00 will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of the return of the same.

All bids shall be received with alternative propositions, and all shall be presented on blank forms which may be procured at the office of the Architects. Each bid must be accompanied by a certified check on some responsible California bank for a sum of not less than ten per centum (10%) of the amount of the bid, made payable to the Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded, will within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work, and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement or to furnish said bonds, said check will be forfeited to the said school district in the manner provided by the law. The Board of Trustees will not accept a bidder's bond in lieu of certified check.

Each bid must be enclosed in a sealed envelope and addressed to J. S. COPE, Clerk of Board of Trustees, Yuba City, California, and endorsed "Proposal for Building School."

The Board of Trustees expressly reserves the right to reject any or all bids.

By Order of the Board of Trustees of the Lincoln School District Sutter County, California,
(Signed) J. S. COPE,
Clerk.

NOTICE TO CONTRACTORS

(Circulating Water Discharge Loop—Pearl Harbor)

Sealed proposals, indorsed "Proposals for Circulating Loop, Pearl Harbor, Hawaii, Specification No. 5001," will be received at the Bureau of Yards and Docks, Navy Department, Washington, until 11 o'clock A. M., October 1, 1924, and then and there publicly opened, for circulating water discharge loop, consisting of a 54-inch concrete pipe line about 630 ft. long, concrete manholes, cast iron frames and covers, screens, sluice gates with hand operating mechanism, and all the necessary trenching, concreting of pipe and backfill at the naval operating base (navy yard), Pearl Harbor, T. H. Specification No. 5001 and accompanying drawings may be obtained on application to the bureau, to the commandant, naval operating base, Pearl Harbor, T. H. or to the commandant, navy yard, Mare Island, Calif. Deposit of a check or postal money order for \$10 payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau July 26, 1924.

NOTICE TO CONTRACTORS

Excavation—Marine Corps Storehouse

SEALED PROPOSALS, indorsed "Proposals for Grading, San Francisco, Calif. Specification No. 5012" will be received at the Public Works Office, Twelfth Naval District, 313 Custom House, San Francisco, Calif., until 11 o'clock A. M., August 20, 1924, and then and there publicly opened, on application to the Commandant, Twelfth Naval District, San Francisco, Calif. Deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification.

NOTICE TO CONTRACTORS

(Memorial Hall—Crockett)

Office of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of the Board of Supervisors of Contra Costa County, State of California, at his office until 11 o'clock A. M., on Tuesday, September 2nd, 1924, for the furnishing of all labor and material for the erection, construction of Memorial Hall Building to be built in the Town of Crockett, Contra Costa

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR FRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

County, State of California, in accordance with plans and specifications, prepared by A. A. Brown, Designing and Constructing Engineer, 215 Market St., San Francisco, California.

Bids shall be marked "Bids for Construction of Crockett Memorial Hall Building."

Bids shall be presented in accordance with general conditions in specifications.

Plans for this work are on file in the office of the County Clerk of Contra Costa County, at Martinez, California, and in the office of A. A. Brown, 215 Market St., San Francisco, California.

NOTICE IS HEREBY FURTHER GIVEN that all things being equal, bids will be given first, to bidders using materials manufactured or produced in the county of Contra Costa, and second, that preference will be given to local bidders where bids are equal.

All bids must be accompanied by a certified check on some solvent bank or a cash deposit in a sum equal to ten per cent of the estimated value of the contract, conditioned that if the contract is awarded to the party submitting the accepted bid, he will enter into a contract or contracts and furnish such bonds as may be required by said Board, within five days after notice of award, or failing so to do, the amount of such cash deposit or certified check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

The Board of Supervisors reserves the right to reject any and all bids and to waive any informality in any bid received.

Plans and specifications for this work may be obtained from the Architect with the County Clerk upon depositing with the said Architect or County Clerk of the sum of \$20, to insure the return of said plans and specifications; the same to be returned to said bidders upon return of said plans and specifications in good order within ten days after receipt of same.

By order of the Board of Supervisors of Contra Costa County, State of California:

Dated: Martinez, California, August 4th, 1924.

J. H. WELLS, of
Clerk of the Board of Supervisors of
Contra Costa County, State of
California.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Fern Building, Sacramento, California, until 2 o'clock P. M., on September 8, 1924, at which time they will be publicly opened and read, for construction, in accordance with plans and specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Butte County, between 2½ miles northwest of Chico and Sacramento Avenue (111-Est-47-A), about one and seven-tenths (1.7) miles in length, to be paved with asphalt concrete.

Kern County, a reinforced concrete girder bridge across Cottonwood Creek, about 7½ miles northeast of Edison (VI-Kel-57-E), consisting of four 50-foot spans and five 22-foot spans.

Plans may be seen, and forms of proposals, bonds, contract and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Casamento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of

the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY B. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.

R. G. GORTON,
State Highway Engineer.
W. F. MINON, Secretary.
Dated August 11, 1924.

NOTICE TO CONTRACTORS

(Salmon River National Forest Road, Duncan and Woolley Creek Sections)

Sealed proposals for constructing the above-named National Forest Road, located within the Klamath National Forest, County of Siskiyou, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, 9 Main St., San Francisco, California, until 9 o'clock A. M., on the 4th day of September, 1924, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The sections to be constructed are part of the Salmon River Road between Butler Creek and Somes Bar. The total length of the two sections is approximately 6.76 miles and the principal items of work are as follows:

Excavation, unclassified, 154,972 cu. yds.
Corrugated Metal Pipe, 1346 lin. ft.
Cement Rubble Masonry, 147 cu. yds.
12 ft. Log Bridges, 390 lin. ft.
Log Cribbing, 2367 sq. ft.

Construction shall be started within fifteen days after notice of award of contract has been given to the contractor and shall be completed within the time mentioned in the Special Provisions.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Bldg., 9 Main St., San Francisco, Calif.
Forest Supervisor, Yreka, Calif.

The Bureau of Public Roads will furnish corrugated metal culvert pipe f. o. b. cars as indicated in the Special Provisions. The Bureau also has available for loan to contractors on a rental basis, as shown in the Special Provisions, a list of equipment on the Salmon River and at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the Government equipment that he will use during construction and the minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are available according to the terms of the specifications.

Plans and specifications will be furnished contractors, who contemplate bidding, on a showing of financial ability.

POSITION WANTED

DRAFTSMAN, Map Estimating, Elevator Machinery and Marine experience wants temporary permanent position.
Address C. E. BURNLEY, 1518 Broadway, Alameda.

ity and experience and upon deposit of a bond for \$1000 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications referred to.

August 12, 1924.
C. H. SWEETSER, District Engineer

NOTICE TO BIDDERS

(San—South San Joaquin Irrigation District)

Notice is hereby given that sealed proposals or bids will be received by the Board of Directors of the South San Joaquin Irrigation District, at their office in the city of Manteca, County of San Joaquin, State of California, up to 12 o'clock, a. m., of Saturday, August 30, 1924 for the furnishing of 6000 tons, more or less, of Gunite Sand.

Said proposed to be furnished must be first quality Gunite Sand and must receive the approval of the engineer of the district.

Bids must state price f. o. b. cars at delivery points on Southern Pacific Railway and Tideway Southern Railway, within the boundary of the District, or delivered to various points within the district as shown on maps available at the district office. Deliveries must be made as requested by the district.

Each bidder will be required to deposit with proposal in the office of said District Engineer (as security for the contract) if his bid is accepted, of the contract and the giving by him of the required bonds within fifteen days after due notice of the acceptance of his bid) a certified check payable to D. O. Castle, President of the South San Joaquin Irrigation District, for an amount equal to 10 per cent of the estimated proposed contract price.

The bidder for the contract is awarded will be required to give an approved bond, with two approved sureties or of an approved surety company for 50 per cent of his contract conditions for the faithful performance and completion of the contract as required by the general law.

Contract will be awarded to the lowest responsible bidder, or if considered by the Director for the best interests of the district, any or all bids may be rejected.

Done by order of the Board of Directors of the South San Joaquin Irrigation District this 5th day of August 1924.

D. O. CASTLE, President
S. L. STEELE, Secretary
of the South San Joaquin Irrigation District.

NOTICE TO BIDDERS

(Wire Mesh Reinforcing—South San Joaquin Irrigation District)

Notice is hereby given that sealed proposals or bids will be received by the Board of Directors of the South San Joaquin Irrigation District, at their office in the city of Manteca, County of San Joaquin, State of California, up to the hour of 12 o'clock, a. m., of August 30, 1924, for the furnishing of 2,500,000 sq. ft. more or less of wire mesh reinforcing.

Wire mesh proposed to be furnished must be of first quality wire mesh and must receive the approval of the engineer of the district.

Bids must state price f. o. b. cars at Manteca, California.

Deliveries must be made as demanded by the district.

Further information can be obtained at the office of the Board of Directors at Manteca, California.

Each bidder will be required to deposit with his proposal in the office of said Directors (as security for the execution by him, if his bid is accepted, of the contract and the giving by him of the required bonds within fifteen days after due notice of the acceptance of his bid) a certified check payable to D. O. Castle, President of the South San Joaquin Irrigation District, for an amount equal to 10 per cent of the estimated proposed contract price.

The bidder to whom the contract is

awarded will be required to give an approved bond, with two approved sureties or of an approved Surety Company for 50 per cent of his contract conditioned for the faithful performance and completion of the contract as required by the general law.

Contract will be awarded to the lowest responsible bidder or if considered by the Directors for the best interest of the District any or all bids may be rejected.

Done by order of the Board of Directors of the South San Joaquin Irrigation District this 5th day of August 1924.

D. O. CASTLE, President
S. L. STEELE, Secretary
of the South San Joaquin Irrigation District.

NOTICE TO BIDDERS

(Cement—South San Joaquin Irrigation District)

Notice is hereby given that sealed proposals or bids will be received by the Board of Directors of the South San Joaquin Irrigation District at their office in the City of Manteca, County of San Joaquin, State of California, up to the hour of 11 o'clock a. m. of Saturday, August 30, 1924 for the furnishing of 15,000 barrels more or less of cement.

Cement proposed to be furnished must be first quality Portland Cement and must fulfill the standard Specifications of the American Society for Testing Materials.

Bids must state price f. o. b. Manteca, California, Ripon, California, and Simms Station, California.

Each bidder will be required to deposit with his proposal in the office of said Directors, as security for the execution by him, if his bid is accepted, of the Contract and the giving by him of the required bonds within fifteen days after due notice of the acceptance of his bid) a certified check payable to D. O. Castle, President of the South San Joaquin Irrigation District, for an amount equal to 10 per cent of the estimated proposed contract price.

The bidder to whom the contract is awarded will be required to give an approved bond, with two approved sureties or of an approved Surety Company for 50 per cent of his contract conditioned for the faithful performance and completion of the contract as required by the general law.

Contract will be awarded to the lowest responsible bidder, or if considered by the Directors for the best interests of the District, any or all bids may be rejected.

Done by order of the Board of Directors of the South San Joaquin Irrigation District this 5th day of August 1924.

D. O. CASTLE, President
S. L. STEELE, Secretary
of the South San Joaquin Irrigation District.

NOTICE TO CONTRACTORS

(Grant School, San Jose, Calif.)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of San Jose, Santa Clara County, State of California, in the office of the Board of Education, High School Bldg., San Jose, Calif., up to 8:00 P. M., on the 4th day of September, 1924, for the following work in connection with the new Grant Street Junior High School Building, to be erected in the City of San Jose, California, according to the plans and specifications prepared for the same by W. H. Weeks, Architect, 369 Pine Street, San Francisco, or at the office of Binder & Curtis, Associated Architects, San Jose, California, or at the office of the Secretary of the Board of Education, High School Building in the City of San Jose.

The general contract with the various alternate bids.

Blackboards.
Heating and ventilating.
All bids should be presented on bid forms furnished by the architects.

Each bid must be accompanied by a certified check on responsible California bank in a sum not less than five per cent (5%) of the amount bid, made

payable to the President of the Board of Education of the City of San Jose, for the purpose stated in the specifications.

Each bid must be delivered in a sealed envelope and addressed to W. L. EACHTRODT, Secretary of the Board of Education, and endorsed:

Temporary for the Grant Street Junior High School Building.
The Board reserves the right to reject any and all bids.

W. L. EACHTRODT,
Secretary of the Board of Education,
City of San Jose, California.

NOTICE TO BIDDERS

(Consolidated Irrigation District)

Plans and Specifications can be seen at office of the Consolidated Irrigation District, Selma, California, for the following items:

- (1) Flume over Kings River, near Kingsburg, consisting of:
- (a) Steel Truss; (b) Concrete Abutments and Piers; (c) Circular Flume; (d) Bussard's Dwelling House at above flume.
- (2) Eleven Reinforced Concrete Checks.

The Board of Directors will receive sealed proposals therefor at office of the Board in Selma, California.

The contracts will be let to the lowest responsible bidder. The bids will be opened at 2:00 P. M., Tuesday, August 26, 1924.

A certified check of 10% of the bid, or bids, must accompany proposal or proposals.

The Board reserves the right to reject any or all bids.

CONSOLIDATED IRRIGATION DIST.

By I. H. Tedman, Chief Engineer.

NOTICE TO CONTRACTORS

(Civic Auditorium—Hanford, Calif.)

Pursuant to an order of the Board of Trustees of the City of Hanford, County of Kings, State of California, given at the undersigned at a Regular Meeting of said Board on July 28th, 1924, Notice is hereby given that said Board will receive sealed proposals or bids for the following branches of work in a Civic Auditorium Building to be erected on a plot of land situated in the City of Hanford.

GROUP 1—Carpentry, Steel, Concrete, etc.

GROUP 2—Brickwork.

GROUP 3—Mill Work and Glazing.

GROUP 4—Plastering, Lathing and Modeling.

GROUP 5—Painting.

GROUP 6—Roofing.

GROUP 7—Plumbing and Heating.

GROUP 8—Electrical Work.

GROUP 9—Finished Hardware.

Bidders may figure any one or group of segregations noted above.

Plans and Specifications are on file with the City Clerk, of the City of Hanford. Copies may be obtained at the office of Cones & Traver, Architects, 626 Rowell Bldg., Fresno, Calif.

All bids or proposals must be in the hands of the City Clerk on or before 2:00 o'clock P. M., Wednesday, August 28, 1924, at which time they will be opened by the Board of Trustees.

All bids or proposals must be sealed and the name of the bidder and the branch of the work bid upon must be clearly noted on the outside of the envelope.

All bids must be upon blanks prepared for same by the Architects. A certified check or bidder's Bond in an amount equal to 10% of the total amount of the bid submitted must accompany each proposal.

The Board reserves the right to accept or reject any or all bids received or to waive the same at any time, this 30th day of July, 1924.

(SEAL) D. C. WILLIAMS,
City Clerk.

POSITION WANTED

DRAFTSMAN, European education, local experience, moderate wages, wants steady position.
C. Mueller, 1918 Pine St. Phone West 3636.

NOTICE TO BIDDERS

(Santa Rosa High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa High School District of Sonoma County in the State of California, in the present High School Annex Building in Santa Rosa, at 8:00 P. M., August 25th, for the Manual Training equipment listed below as follows:

One (1) Tannewitz Type B Universal Saw Bench, complete in every way with 5 H. P. motor mounted on a bracket attached to the frame, belt and starter, or its equivalent.

One (1) Hall & Brown No. 186—36-inch hand saw complete in every way with 3 H. P. motor mounted on bracket attached to frame, wire mesh guards, frictionless roller guide above and below the table, 24-inch hand saws, belt and starter, or its equivalent.

One (1) Oliver No. 166—16-inch jointer complete in every way with 3 H. P. motor connected directly to cylinder, ball bearings, guards, safety cylinder, rabbeting attachment, and starter switch, or its equivalent.

One (1) American No. 16 Hand Block Belt Sander complete with 2 H. P. motor, direct connected, table and sanding pad and starter switch, or its equivalent.

One (1) Greenlee No. 225 E. M. Vertical Hollow Chisel Mortiser, complete in every way, built-in motor 1½ H. P. motor, starter switch and four square hollow chisels and bits, ¼ inch, ½ inch, ¾ inch, or its equivalent.

One (1) No. 585 Oliver Oilstone Grinder, complete, with direct motor drive, or its equivalent.

One (1) Oliver Woodturning Lathe, with motor in head stock, 12-inch swing, 36-inch between centers, rear end face plate and floor stand and starter, motors to be A. C. 3 phase, 60 cycles, 220 volts, or its equivalent.

One (1) Double Arbor Universal Saw Bench complete in every way, with 5 H. P. motor, mounted on bracket attached to frame, all guards, gauges, saws, belt, and starter. Motors to be A. C. 3 phase, 60 cycles, 220 volts, or its equivalent.

Each bid must be accompanied by a certified check on some responsible California bank in a sum of not less than 5 per cent of the amount of bid, made payable to Sarah N. Hatch, Secretary of the Board of Education of the City of Santa Rosa High School District. The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Secretary of the Board of Education at her office in the High School Annex in the City of Santa Rosa, at the time and place of meeting above stated; or at any time up to the hour of opening said bids.

(Signed) SARAH N. HATCH,
Secretary of Board of Education, City of Santa Rosa High School District.

NOTICE TO BIDDERS

(Mail Chute—Honolulu, T. H.)

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 28, 1924.

SEALED PROPOSALS will be received at the office of the Custodian of Post Office, Honolulu, Hawaii, until 9 A. M., and at the office of the Superintendent of Construction, 402 Post Office, San Francisco, Calif., until 12 M., and at this office until 3 P. M., Sept. 2, 1924, and then opened, for mail chute in the United States Post Office, Custom House and Court House, at Honolulu, T. H. Drawings and specifications may be obtained from the Custodian of Post Office, Honolulu, Hawaii, or from the Superintendent of Construction, Room 402 Post Office Building, San Francisco, Calif., or from this office in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

RICHMOND, Cal.—Building permits for July, 1924, total \$66,370. Total of 46 permits issued during the month.

EUREKA, Cal.—Building permits for July, 1924, totaled \$25,400. Nine bungalows erected during month costing \$15,000.

Engineering News Section

BRIDGES

LOS ANGELES, Cal.—Until 2 p. M., Sept. 2, bids will be rec. by supervisors to const. bridge on Garvey Ave. over 110 ft. long, in Road Foreman Division No. 103. Plans on file at office of county clerk. Cert. check or bond, 10%. Mame B. Beatty, clerk of the board.

REDDING, Shasta Co., Cal.—Teal & Thompson, of Orland, at \$5570 awarded contract by supervisors for construction of two rein. girder bridges (1) over Eagle Creek near Ono and (2) over Fryer Creek at Ono. Other bids were:

Teal & Thompson, Orland.....	\$5570
P. Morseberger & Sons, Sacto.....	7355
F. H. & M. C. Polk, Chico.....	8730
Pollard & Hayden, Gerber.....	6787
S. Severston, Anderson.....	6285
Geo. H. Wilson Jr., Dunsmuir.....	5087
Chas. F. Staheli, Igo.....	6919
W. E. Pool and R. Jones, Igo.....	9885
W. E. Hart, Gerber.....	7200
R. B. McKenzie, Gerber.....	8000

The following bid received for the construction of a rein. girder over Churn Creek on Anderson-Churn bottom road were all rejected:

R. B. McKenzie, Gerber.....	\$31,200
Tibbals, Percival & Press, Sacto.....	25,811
F. H. Neilson, Orland.....	28,884
Lord and Bishop, Sacramento.....	21,800
Geo. H. Wilson Jr., Dunsmuir.....	27,880

YUBA CITY, Sutter Co., Cal.—J. L. Webster, Oroville, at \$13,500 submits low bid to supervisors to repair Long Bridge over Butte slough bet. Tiber and Meridian. Other bids, taken under advertisement, were: Jenkins & Elton, \$14,340; Lord and Bishop, \$15,500; Tibbals, Percival and Press, \$18,578.

STOCKTON, San Joaquin Co., Cal.—A. S. Dixon, Jenny Lind, Cal., at \$3490 awarded cont. by supervisors to remove present bridge and const. rein. conc. bridge over Bear Creek on Eight Mile road, $\frac{1}{4}$ mile west of Cherokee Lane, in Rd. Dist. No. 1 and 2. Other bids: Frederickson Bros., \$3589; M. M. McCarty, \$3599; Henry Ohm, \$3928; R. C. Tumulty, \$3684; and Tibbals, Percival & Press, \$3563.92.

SANTA ROSA, Sonoma Co., Cal.—Bids will be asked shortly by city council to construct rein. conc. bridge in A St. over Santa Rosa Creek; will be 128 ft. long, 47 ft. wide; roadway 34 ft. wide with 2 walks, 6 ft. wide, each. Paul Green, City Eng.

WILLOWS, Glenn Co., Cal.—County Surveyor Bayard Knock has completed preliminary plans for 2 bridges over canal, one south and one east of Willows on the state highway; will be rein. conc. construction.

AUBURN, Placer Co., Cal.—Burton and Reed, Grass Valley, at \$18,729 awarded cont. by supervisors to const. rein. conc. arch bridge on Grass Valley-Colfax road, 105 ft. in length. Other bids: J. S. Greaves, Sacramento, \$19,965; J. L. Webster, Chico, \$20,500; Tibbals, Percival and Press, Sacramento, \$21,208; J. H. May, Napa, \$23,988; Geo. H. Callahan, Nevada City, \$25,400; E. B. Butler, \$26,980; Frederickson and Shannon, Sacramento, \$27,722; F. M. Burns, \$28,000.

REDWOOD CITY, San Mateo Co., Cal.—Until Aug. 23, 2 p. m., bids will be rec. by J. D. Hedge, clerk, Sequoia Union High School District, to const. culvert over El Camino Real between Broadway and James Ave. town of Redwood City and an extension to same culvert inside school grounds. Cert. check \$300 payable to Board of Trustees of Dist. req. Plans obtainable from Principal of school.

HOLBROOK, Ariz.—Until 2 p. m., Sept. 1, bids will be rec. by W. C. LeFebvre, state engr., care county supervisors, Navajo county, Holbrook to const. St. Joe bridge on Holbrook-Winslow highway, federal aid project No. 40, involv. (reinf. conc. bridge) 370 cu. yds. excav.; 220 cu. yds. class A conc.; 52 cu. yds. class B conc.; 33,860 lbs. reinf. steel; 300 lin. ft. conc. piling. Alternate bids will be taken on steel bridge, requiring quantities as follows: 420 cu. yds. excav.; 33,700 lbs. steel superstructure; 180 cu. yds. class A conc.; 60 cu. yds. class B conc.; 13,930 lbs. reinf. steel; 680 ft. conc. piling. Plans obtainable from state engr. Phoenix, or from the county supervisors, on deposit of \$5.

LOS ANGELES, Cal.—Until 2 p. m., Sept. 2, bids will be rec. by supervisors to const. bridge on Bridge St. over Covina Branch of Pacific Electric Ry. Plans on file at office of Mame B. Beatty, county clerk.

SAN DIEGO, Cal.—City council will ask bids at once to const. reinf. conc. pile bridge over San Diego river, at Old Town. Plans call for bids on both 20 and 24-ft. roadway.

REDWOOD CITY, San Mateo Co., Cal.—Sept. 22, 10 a. m. is date set by county supervisors to hear application of John Lyle Harrington for franchise to construct and operate toll bridge across San Francisco Bay at points "beginning at the easterly shore of San Francisco Bay, near the mouth of Bear Creek in Alameda County, thence southwesterly approximately parallel to the Southern Pacific Railroad Bridge across Dumbarton Straits and three quarters of a mile or less distant therefrom northwesterly across San Francisco Bay to the westerly shore thereof in the County of San Mateo, State of California. Said bridge to have an approximate length of 5500 ft. from shore line to shore line and a breadth of not less than 24 ft."

MADERA, Madera Co., Cal.—Until Sept. 2, 2 p. m., bids will be rec. by L. W. Cooper, county clerk, to const. timber bridge over Berenda slough near Buffington ranch. Cert. check 10% payable to clerk req. Plans on file in office of clerk.

REDWOOD CITY, San Mateo Co., Cal.—M. Bernard will file application with the San Mateo County Supervisors for a franchise to construct and operate a toll bridge across San Francisco Bay from a point near Little Coyote Point in San Mateo County to or near the town of Mt. Eden, Alameda County; bridge to be approx. $\frac{6}{8}$ miles in length, from 40 ft. to 60 ft. wide.

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OxyAcetylene Equipment
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San Francisco, Calif.

Douglas 6320

SAN LEANDRO, Alameda Co., Cal.—City trustees contemplate election to vote bonds to finance construction of bridges over San Leandro Creek. J. J. Gill, city clerk.

AUBURN, Placer Co., Cal.—Supervisors reject bids to const. steel truss bridge over Middle Yuba river at Footes Crossing and work will be done under supervision of County Engineer J. E. Barieau. Placer and Nevada counties will share equally the cost of the work.

FRESNO, Fresno Co., Cal.—Sorenson and DeMont, Sanger, Cal., at \$7990 \$27 cu. yd. extra work awarded cont. by supervisors to const. 2 rein. conc. bridges on Trimmer Springs road.

AREDEEN, Wash. — Puget Sound Bridge and Dredging Co., Seattle, at \$183,655 awarded cont. to const. steel bridge over Wishkah river at Aredeen. M. M. Caldwell, consulting engineer, Central Bldg., Seattle.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 2, 11 a. m. bids will be rec. by Eugene D. Graham, county clerk, to erect 126-ft. steel bridge with concrete piers and timber deck over Mormon channel on M. Clark rd. No. 284, near Stockton. Steel trusses and floor beams to be furnished by county. Cert. check 10% payable to Chairman of Bd of Suprs req. Plans obtainable from County Surveyor F. E. Quail on deposit of \$10, returnable.

KERN COUNTY, Cal.—Until Sept. 8, 2 p. m., bids will be received by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. girder bridge across Cottonwood Creek, approx. $\frac{7}{8}$ miles n. e. of Edison, consisting of four 50-ft. spans and five 22-ft. spans. R. M. Morton, state highway eng., see call for bids under official proposal section in this issue.

OROVILLE, Butte Co., Cal.—Until Sept. 2, 2 p. m., bids will be rec. by C. F. Belding, county clerk, to const. macadam ford across Lindo Channel on Manzanito Ave., near Chico. Cert. chk. 10% req. Plans obtainable from County Road Eng. Harry H. Hume.

JACKSON, Amador Co., Cal.—Until Sept. 2, bids will be rec. by supervisors to const. rein. conc. bridge over Dry Creek in town of Drytown. Plans on file in office of clerk.

WOODLAND, Yolo Co., Cal.—County supervisors will confer with State Reclamation Board regarding replacement of bridge over Sycamore slough which recently collapsed.

MARYSVILLE, Yuba Co., Cal.—Until Sept. 3, bids will be received by county supervisors to const. Simpson Lane Bridge, 420 ft. long, 200-ft. steel span included, to be erected over Yuba river east of Marysville city limits. Plans obtainable from County Surveyor J. R. Meek.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 22, bids will be rec. by Bd. Pub. Wks. to const. Macy St. viaduct. Merrill Butler, city bridge engr. Bids will be taken on two propositions: (1) Bridge entire, involv. river arch and east and west approaches, involv. 8700 cu. yds. A conc., 3500 cu. yds. C conc. and 1000 cu. yds. D conc., 1,150,000 lbs. steel; (2) river span only with east approach, involv. 4600 cu. yds. A conc., 3750 cu. yds. C conc., 900 cu. yds. D conc., 715,000 lbs. steel. The struc. will be 1200 ft. in length, the river arch span being 215 ft.; 50-ft. rdwy., 2 5-ft. walks, small amt. of curb and walk. Acceptance of above propositions depends on arrangements made with railways.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 2, bids will be rec. by bid. pub. wks. to const. bridge at Ave. 26, to replace bridge which collapsed, will be 266 ft. long with two 11 arch, and a 14-ft. approach span on each end with two abutments to 11 wide on each end. There will be 10-ft. rdwy. with 6-ft. walks. Approx. quantities are: 1290 cu. yds. A, 310 cu. yds. C and 1200 cu. yds. D. Plans will be sent in place. Plans on file at office of city eng., 104 S. city hall annex. Merrill Butler, bridge engineer.

OROVILLE, Butte Co., Cal.—Until Sept. 2, 1:30 p. m., bids will be rec. by C. F. Belding, County Clerk, to const. conc. bridge over Dry Creek at Pentz on Oroville-Pentz Rd. Cert. check 10% req. Plans obtainable from County Rd. Engineer Harry H. Hume.

RIVERSIDE, Cal.—Wheeler Co., 1060 S. Broadway, Los Angeles, submitted low bid (ward) recommended by Co. Surveyor A. C. Fulmore) at \$8295 to const. reinf. conc. arch bridge across San Jacinto river. Other bids were: W. M. Ledbetter Co., \$10,875; Rodd, Met. & Bridge & Constr. Co., \$12,736; Williams & Singletary, \$13,768.15.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OCEANSIDE, Cal.—Vasquez Bros., 132 Maple Ave., awarded contr. by the city trustees at \$50,000 to lay approx. 5,000 ft. of pipe, incl. trench and backfill, for new Oceanside water system.

YAKIMA, Wash.—Tieton Water Users Assn. plans enlargement of Tieton canals and tunnels at cost of \$800,000. Surveys are now being made.

MERIDIAN, Sutter Co., Cal.—Simpson Bros., Farmers & Merchants Bank Bldg., Stockton, submits low bid to Alameda Sugar Co., Balfour Bldg., San Francisco, to const. approx. 3 mi. of ditches in Meridian Farms Sub-Division, at \$20 cu. yd. work to be completed in 40 days and \$1375 work completed in 40 days; to reconstruct old ditches, the bids were \$16 work completed in 40 days and \$1375 work completed in 70 days. Project involves approximately 50,000 cu. yds. excavation. Fred H. Tibbets, consulting engineer, Alaska Commercial Bldg., San Francisco.

SAN FRANCISCO—See "Government Work and Supplies," this issue. Bids wanted for excavation of Marine Corps Storehouse site.

IRRIGATION PROJECTS

MANTECA, San Joaquin Co., Cal.—Until Aug. 31, 11 a. m., bids will be rec. by S. L. Steele, secy. South San Joaquin Irrigation District, to furnish 6000 tons, more or less, Gunite sand. See call for bids under official proposal section in this issue.

SAN DIEGO, Cal.—Voters in Tia Juana Irrigation Dist. have voted to form said dist. as proposed.

MANTECA, San Joaquin Co., Cal.—Until Aug. 30, 11 a. m., bids will be rec. by S. L. Steele, secy. South San Joaquin Irrigation District, to fur. 2500 sq. ft. more or less, wire mesh reinforcing. See call for bids under official proposal section in this issue.

MANTECA, San Joaquin Co., Cal.—Until Aug. 30, 11 a. m., bids will be rec. by S. L. Steele, secy. South San Joaquin Irrigation District, to fur. 15,000 barrels, more or less, Portland cement. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Surveying crews under the direction of E. A. Kitcher, consulting engineer of the Kern River Water Storage District have begun preliminary work in determining the feasibility of constructing a dam at Isabella, to impound and conserve the waters of Kern river for the irrigation of approximately 250,000 acres of Kern county lands. This action has begun after the collection, through the county treasurer, of more than \$100,000 of assessments levied at the rate of 50 cents an acre.

TUCSON, Ariz.—Election will be held in Pima county to vote on formation of Santa Cruz Irrigation Dist. H. R. Batterson, clerk of the Board of Supervisors.

MERCED, Merced Co., Cal.—Pacific Portland Cement Company, Pacific Bldg., San Francisco, awarded contract by Merced Irrigation District to furnish cement required for construction of Exchequer dam, the company agreeing to furnish cement at the base rate bid recently, but in addition will grant a rebate of 25 cents on each barrel until the amount of \$90,000 is reached, this being the total amount less than the original bid.

LIGHTING SYSTEMS

LONG BEACH, Cal.—See "Street Work," this issue. Seaside Blvd. imp.

LOS ANGELES, Cal.—City council plans const. of ornam. lighting system on Sunset Blvd., bet. the Plaza and Hollywood Blvd., and on Jefferson St., bet. Vermont Ave. and Tenth Ave.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 25, bids will be rec. by Bd. of Pub. Wks. to const. light systems in the following streets:

24th St., bet. Hoover St. and Vermont Ave.

Stanley Ave., bet. Hollywood Blvd. and 716 ft. so; 7 conc. posts.

SANTA MONICA, Cal.—Until 10 a. m., Aug. 18, bids will be rec. by council to const. ornam. lighting system in Marine St., bet. Main and Fourth Sts., involving cem. conc. posts, etc.; 1911 act. Howard B. Carter, city engr.

LOS ANGELES, Cal.—R. A. Wattson, 4928 Melrose Hill, submitted low bid to const. light sys. at \$14,771 for ornam. light sys. in Virginia Rd., bet. Washington and 23rd Sts. Other bids: H. C. Reid & Co., \$15,000; W. A. McNally & Co., \$15,400; Walker & Martin, \$15,440; Electric Lighting Sys. Co., \$16,411.

LOS ANGELES, Cal.—H. C. Reid & Co., Grant Bldg., Los Angeles, awarded contr. by Bd. Pub. Wks. at \$41,885 to const. light system in Cahuenga Ave., bet. Highland Ave. & Hollywood Blvd. W. A. McNally, 517 S. Bdwy., Pasadena, awarded contr. at \$47,362 for light sys. in Alvarado St., bet. 6th and Hoover Sts.

Newberry Elec. Corp., 726 S. Olive St., awarded contr. at \$30,226 for light sys. in 1st St., bet. Soto St. and Boyle Ave. Walker & Martin, 402 W. Wilshire, Fullerton awarded contr. at \$10,142 for light sys. in Atwater Ave., bet. Silver Lake and Glendale Bldgs.

A. C. Rice, 1963 Santee St., awarded contr. at \$66,293 for light sys. in Vermont Ave., bet. Hollywood Blvd. and Middlebury St.

SAN BERNARDINO, Cal.—Finley-Hunt Co., awarded contr. by council at \$12,400 to const. light system in Fifth St., bet. D and I Sts.; 1911 act.

LOS ANGELES, Cal.—Council declares inten. to const. ornam. light sys. in:

San Pedro St., bet. 61st St. and Manchester Ave.; 167 conc. posts in Vermont St., bet. Hoover and Vermont Aves.; 41 pr. steel posts.

Perlite Ave., bet. Glendale Blvd. and Tyburn St.; 11 conc. posts.

MACHINERY AND EQUIPMENT

LIVERMORE, Alameda Co., Cal.—Until Aug. 25, 8 p. m., bids will be rec. by Elmer G. Still, town clerk, to fur. and install 150 porcelain street signs; 4x24-in. fastened by 2 galv. bolts through sign to 1½-in. black dipped gas pipe, the pipe to be 10 ft. long and set 2 ft. in ground in cement block and 12x8-in. conc. mixture to be 1 to 5. Bidders must submit sample of signs and pipe with bids. Further information obtainable from clerk.

BEVERLY HILLS, Cal.—Bids rec. by city trustees for road machinery and equipment were:

Concrete mixer—Calif. Equip. and Supply Co., \$390; W. A. Bremer, \$1050; Harron, Rickard & McCone, \$1270; Concrete Machy. and Supply Co., \$1245; Brown-Bemis Co., \$1100, with other bids at \$1115, \$1220, \$1235; Stabler Bros., \$1113.20; Norris K. Davis, \$1225; Fred W. Obenauzer, \$1235; C. E. Le Boyteaux Co., \$990 and \$1100.

Grader—Austin-Western Machinery Co., \$1150; California Road Machy. Co., \$720; Brown-Bemis Co., \$960; Stabler Bros., \$680 and \$885.

Sweeper—Austin-Western Rd. Machy Co., \$660 and \$720; Stabler Bros. \$342.50; Sprinkler—Austin-Western Rd. Machy Co., \$950; Stabler Bros., \$900; Brown-Bemis Co., \$425.

Dump truck—General Motors Truck Co., \$3282.15; Garford Motor Truck Co., \$4050; H. A. Taylor Co., Inc., \$4217; Jerome Canavan Motor Corp., \$3757.60; Moss and Truck Co., \$3085.58; H. J. Ruddle Co., \$4245.72.

ONTARIO, Cal.—City plans purchase of street improvement equipment to cost \$10,000.

LOS ANGELES, Cal.—Until 9 a. m., Aug. 20, bids will be rec. by city pub. chasing agent, 202 N. city hall annex, for street sweepers under spec. 973.

COVINA, Cal.—Until 8 p. m., Aug. 25, bids will be rec. by city trustees for 1-ton truck. John C. Hutchinson, city clk.

YUBA CITY, Sutter Co., Cal.—Until Aug. 25, 8 p. m., bids will be rec. by V. W. Cooley, clerk, Yuba City Union High School District, to furnish one metal lathe; one portable electric drill; one 3-in. band saw; one lot of science apparatus. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—Until Aug. 19, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to fur. motor truck for use by Street Dept. Cert. check 10% req. with bid. Further information obtainable from clerk.

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RAILROADS

OAKLAND, Cal. — Southern Pacific R. R. Co., and Santa Fe R. R. Co. apply to city council for permission to construct spur tracks and erect warehouses, manufacturing plants & other industrial enterprises on an area of 150 acres of reclaimed land on the western waterfront.

WASHINGTON STATE—Wenatchee Southern Railway Co., authorized by Interstate Commerce Commission to construct 112 miles of railroad in Chelan, Kittitas and Benton counties, Wash.

SAN DIEGO, Cal.—San Diego Elec. Ry. will construct elec. line bet. dock terminals and lines of San Diego and Arizona Ry.

SANTA BARBARA, Cal.—S. P. Ry. contemplates railway into Santa Ynez and Santa Maria sections if proposed irrigation projects for those districts are consummated.

PRESCOTT, Ariz. — Improvements contemplated by Albuquerque branch of Santa Fe Ry. include ballasting roadbed bet. Congress Junction and Ash Fork, contract for which has been let to the Cashion, Caldwell Constr. Co. of Phoenix.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—Until 10 a. m. Aug. 25, bids will be rec. by Bd. Pub. Wks. for the fire alarm and police box stands. Spec. on file at office of city electrician, 205 n. city hall annex. Cert. check or bond 10%.

POMONA, Cal. — Fire Chief John Shorman recommends that city install modern fire alarm system.

LOS ANGELES, Cal.—The Gamewell Co. submitted low bid to bd. pub. wks. at \$17,664 on item 1 (256 fire alarm boxes without outer cases and 2 cases of each box of c. i.), and at \$58,776 on item 2 (744 boxes with outer cases, all cases c. i.) Other bids: Harrington-Seaberg Fire Alarm Telegraph Co., \$19,392 on item 1 alt. (256 boxes without outer cases and 2 cases of each box aluminum), \$70,494 on item 2 alt. (744 boxes with outer cases, all cases to be aluminum); Foote Pierson & Co., Inc., (1) \$73.85 ea., (alt.) \$78.50 ea., (2) \$94.40 ea., (alt.) \$106.60 ea.; Universal Tool & Mfg. Co. (Ferdinand A. Schlawke), (1) \$19,326 (alt.), \$19,326, (2) \$68,820, (alt.) \$68,820.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal.—Contracts awarded by the Merced Irrigation District for the Exchequer Dam and relocation of 17-mi. of the Yosemite Valley Railroad provided for the district to furnish cement required to complete the projects. Officials from various cement companies are in touch with the board regarding the purchase of the product.

MERCED, Merced Co., Cal.—Pacific Portland Cement Company's Pacific Bldg., San Francisco, awarded contract by Merced Irrigation District to furnish cement required for construction of Exchequer dam, the company agreeing to furnish cement at the base rate bid recently, but in addition will grant a rebate of 25 cents on each barrel until the amount of \$90,000 is reached, this being the total amount less the original bid.

ORLAND, Glenn Co., Cal.—Straw vote will be taken by water users of Orland Federated Irrigation Project to determine whether assessments are favored to construct additional storage reservoirs.

PIPE LINES, WELLS, ETC.

SERRA MADRE, Cal.—Until 7:30 p. m. Aug. 14, bids will be rec. by city trustees to furnish and lay following wrapped and dipped riveted steel pipe and fittings: 5868 ft. 8-in., 2992 ft. 6-in., 16,226 ft. 4-in. pipe. Spec. on file at the office of the city clerk, L. Dietz. Cert. check or bond 5%.

MONTECITO, Cal.—Charles T. Richardson, 525 E. Haley St., Santa Barbara awarded cont. by Montecito Valley District at \$23,392 to excavate and construct, reinf. conc. reservoir involving 1102 cu. yds. rock excav.; 3305 cu. yds. earth excav.; 50 tons reinf. steel; 4900 sq. ft. (conc. mesh); 600 cu. yds. 12-in. crushed rock; 300 bbls. sand; 1050 bbls. cement; 210 tons hauling; 700 cu. yds. of placing; 20,680 ft. board measure form lumber; 11,366 ft. board measure pipe lumber. Also cement, overflow pipe, tile drain, wire screen, nails, bolts roofing paper, approx. 25 tons hauling. Leeds & Barnard, consulting engrs., 704 Central Bldg., Los Angeles. The unit prices of the low bid are: 1102 cu. yds. rock excav. at \$1.25 yd.; 3305 cu. yds. earth excav. at 80c yd.; reservoir complete, \$13,369.25. Other bids were: H. E. Adams, \$23,987; Robt. Metcalf, \$25,518; Kinn & Westerhouse, \$27,350; Davis, Heller, Pearce Co., \$28,774.50; W. M. Ledbetter & Co., \$34,469; A. M. Southard Co., \$37,138.20.

SANTA CRUZ, Santa Cruz Co., Cal.—Stephen Smith & Co., 637 Mission St., San Francisco, at \$9820 and S. East Iron Pipe and Foundry Co., 204 Broadway Bldg., at \$9778.30 submit low bid to: 6000 ft. 4-in. class B c.i. pipe, Bell & Spigot joints; 2000 ft. 6-in. class B c.i. pipe, Bell & Spigot joints; 2500 ft. 8-in. class B c.i. pipe, Bell & Spigot joints; 6 tees 84-in. (all c.i. bell); 3 tees 68-in. and 3 tees 88-in. (all c.i. bell); 3 c.i. bends, 45 deg. and 3 bends, 8-in. 22½ deg. Pipe to be not less than 12-ft. lengths.

Other bids, all under advisement, were: U. S. Cast Iron Pipe & Foundry Co. (three bids), \$10,357.30, \$10,301.30, \$9783.30; American Cast Iron Pipe Co., \$10,235.47; National Cast Iron Pipe Co., \$11,000 (approx.); Grinnell & Co., \$11,200.

REDWOOD CITY, San Mateo Co., Cal.—Stephen Smith & Co., 637 Mission St., San Francisco, at approx. \$4675 awarded cont. by city council to fur. 2304 lin. ft. 6-in. c.i. water pipe, class B, standard weight; 4200 lin. ft. 4-in. c.i. water pipe 6-in. by 4-in. crosses; 4 6-in. by 4-in. tees; 8 4-in. by 4-in. tees. All pipe and specials to be De Lavaud centrifugally c. i. class 160, Bell and spigot form, in 12-ft. lengths of standard weight and thickness.

SEWAGE DISPOSAL PLANTS

WHITTIER, Cal.—H. M. Hanawalt, La Verne, submitted low bid to city trustees at \$43,025 to complete sewage disposal works. The principal portion of this work consists of const. of sprinkling system for the broiler plant already started. Black & Veatch, 200 Fay Bldg., Los Angeles, consulting engineers. Other bids were: R. F. Ware, \$45,544.84; Nick Chutuk, \$48,700.

MONROVIA, Cal.—City Engr. H. S. Gierlich will engage expert to make survey of city's sewerage needs, with recommendations for future action. A \$75,000 septic tank and plant is said to be required by the city's growth.

CHICO, Butte Co., Cal. — City Manager H. R. Morrison instructed to prepare plans to make necessary corrections to city sewage system as recommended by State Board of Health.

SANTA MONICA, Venice and Pacific Palisades are compl. plans for calling an election on a sewage disposal bond issue.

MISCELLANEOUS CONSTRUCTION

TUCSON, Ariz.—Superior Incinerator Co., Dallas, Texas, has contract at \$20,300 to erect 2-story brick incinerator at St. Marys Road and Santa Cruz river for city of Tucson.

LIVERMORE, Alameda Co., Cal.—Until Aug. 25, 8 p. m., bids will be rec. by Elmer G. Still, town clerk, to fur. and install 150 porcelain street signs; 4x24-in. fastened by 2 galv. bolts through sign to 1½-in. black dipped gas pipe, the pipe to be 16-ft. long and set 2-ft. in ground in cement block 12x8-in.; conc. mixture to be 1 to 5. Bidders must submit sample of signs and pipe with bids. Further information obtainable from clerk.

SACRAMENTO, Cal.—As previously reported, bids will be rec. by H. G. Denton, city clerk, to construct asphalt plant with capacity of between 15 and 30 tons per 8-hour day, installed in place at Corporation Yard, 31st and Y streets. Structure to be located in steel frame work, with brick and concrete foundations. Cert. check 5% payable to City Controller req. Plans available in office of clerk.

MERCED, Merced Co., Cal.—Contract awarded by the Merced Irrigation District for the Exchequer Dam and relocation of 17-mi. of the Yosemite Valley Railroad provided for the district to furnish cement required to complete the projects. Officials from various cement companies are in touch with the board regarding the purchase of the product.

LONG BEACH, Cal.—City Eng. Van Alstine instructed by council to prepare plans for a mile-long board walk with ornamental lighting, comfort stations and approaches to be erected along the beach west of Golden Ave., Long Beach.

WATER WORKS

BAKERSFIELD, Kern Co., Cal. — Until Aug. 20, 8 p. m., bids will be rec. by L. S. Abel, clerk, Fairfax School District to fur. and install one electric automatic pressure pumping plant, 500 gals. capacity per hour together with lay and connect with plant approx. 140 ft. 2-in. and 400 ft. 1½-in. galv iron pipe, pipe to be laid at least 14-in. below surface. Plant to include tank with capacity of 500 gals. Cert. check 10% req. with bid. Plans obtainable from clerk, Rt. 4, Bakersfield.

HOME GARDENS, Cal.—A community project to establish county water system costing \$430,000, is under consideration by Home Gardens, Wawona Park, Magnolia Park, and Tweedy Park. A bond issue will have to be voted to cover this cost, which includes tanks, mains, pumps, fire hydrants, etc.

STOCKTON, San Joaquin Co., Cal.—Associated Oil Co., 40 South San Joaquin St., granted permit by city council to install oil storage tank at 607 E Main Street, est. cost \$10,000.

SAN FRANCISCO—Election will be held Oct. 1 to vote bonds of \$10,000,000 to continue work on the Hetch Hetchy water project for the city of San Francisco. Two years from now another election will be submitted for \$23,000,000 to fully complete the project. Of the \$10,000,000 to be voted, \$8,000,000 will finance the Hetch Hetchy Water Tunnel unit and the \$2,000,000 for first 4 miles of Coast Range tunnel and the digging of eight vertical shafts along the remaining 27 miles.

SAN DIEGO, Cal.—Crane Co. awarded cont. by supervisors at \$1298 for cast iron pipe and fire hydrants necessary to install a fire-fighting system at the county detention home.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, Clerk, appropriates \$2,000 to purchase fire hydrants. W. E. Hogan, city engineer.

COVINA, Cal.—No bids were rec. by city trustees Aug. 8 to bid centrifugal booster pump to lift 500 gal. of water per min. when pumping through about 800 ft. of pipeline and having a lift of about 15 ft. also one centrifugal booster pump of sufficient capacity to pump 500 gals. of water per minute at an lbs. pressure through sprinkler system and also motor. The pumps will be purchased in the open market.

ARLINGTON, Ore.—Until Aug. 26, 8 p. m., bids will be rec. by C. F. Story, city recorder, for improvement to water works system, involv. (1) furnish material and labor and const. rein. conc. settling basin and filter chambers; fur. and erect wash water tank; install pumping machinery and piping; extend sewer outfall and miscellaneous alterations to existing waterworks and lighting plant, involv. 100 cu. yds. of concrete excavation and 240 cu. yds. of concrete reinforced with 25,000 lbs of steel.

(2) Fur. and install one mechanical filter unit of 500 gals. daily capacity (3) Fur. pumping machinery f. o. b. cars Arlington, Oregon. Pumps to consist of one 400 GPM low service motor driven centrifugal pump with motor, and one 350 GPM high service belt driven centrifugal pump. Plans on file in office of City Recorder and obtainable from Stevens and Koon, Engineering Bldg., Portland, Ore.

PALO ALTO, Santa Clara Co., Cal.—City trustees bonds of \$20,000 to finance improvements to municipal water plant. J. F. Bayhce Jr., city engineer.

LOS ANGELES, Cal.—Until 3 p. m. Aug. 19, bids will be rec. by Pub. Serv. Comm. for bronze corp. cocks; spec. W 282.

LAFAYETTE, Ore.—Until Aug. 18, 8 P. M., bids will be rec. by G. A. Hembree, town recorder, to const. water system, involv. const. of 700 ft. 6-2-in. n. e. of Lafayette to connect with mains in town, also const. of small conc. intake. Plans on file in office of recorder and obtainable from E. W. Jones, engineer, McMinnville, Ore., on deposit of \$5, returnable. Cert. check 5% payable to town required.

SANTA ANA, Cal.—C. R. Gallagher & Co., 805 Wright & Callender Bldg., Los Angeles, awarded const. by Orange county waterworks dist. No. 2, at \$900 to const. 1000-bbl. iron waterstorage tank, Pittsburgh-Des Moines Steel Co. bid \$2000.

PLAYGROUNDS AND PARKS

SANTA BARBARA, Cal.—Santa Barbara Aero Club has secured lease from Southern Pacific on old race track site which will be graded and drained for landing field.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City council orders construction of 2 tennis courts at rear of city hall building. Bidding will be started at once. Daniel McSweeney is city clerk

STOCKTON, San Joaquin Co., Cal.—Victor E. Anderson has been appointed City Landscape Architect by City Manager Chas. Ashburner. Mr. Anderson will start immediately in working out a park improvement program.

SONOMA, Tompkins Co., Cal.—Lions Club of Sonoma has appointed Stuart Gibbons, D. R. Haniff, B. L. Welton and Dr. E. M. Graham, as a committee to investigate proposed construction of swimming pool and dance pavilion.

SEWERS & STREET WORK

MONTREY, Monterey Co., Cal.—Council, A. J. Mason, city clerk, declares intent. (No. 1933) to imp. portions of Alvarado, Franklin, Washington, Perry and Adams Sts., involv. paving with 1-in. asph. conc. base with 2-in. asph. conc. surface. 1911 Act. Protests Aug. 26. H. D. Severance, city engineer.

OAKLAND, Cal.—Until Sept. 8, 10 a. m., bids will be rec. by Geo. E. Gross, county clerk, to imp. 1.8 mi. of highway bet. Hayward and San Leandro, involv. \$300 cu. yds. grading; 300 lin. ft. 8x29-in. corr. iron culvert set in conc.; 3500 lin. ft. conc. curb and gutter; 257,000 sq. ft. 5-in. conc. base with 1 1/2-in. Warrenite-bit. surface or 6-in. conc. base with 2-in. Warrenite-bit. surface. Plans obtainable from Geo. A. Loney, county surveyor.

FAIRFIELD, Solano Co., Cal.—United Construction Co., Vallejo, at \$1,550 awarded const. by supervisors to pave with asph. conc. portions of county roads in vicinity of Cordella and Sul-sun.

BUTTE CO., Cal.—Until Sept. 8, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with asph. conc. 1.7 mi. in Butte county between 2 1/2 mi. rd. of Chico and Sacramento Ave., R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

SANTA BARBARA, Cal.—County supervisors will pave one mi. of roadway bet. intersection of Coast highway and East Blvd. almost to Cacique St.; est. cost, \$10,000. Owen H. O'Neill, county surveyor.

WHITTIER, Cal.—Until 7:30 P. M., Aug. 25, bids will be rec. by city trustees to imp. Bright Ave., bet. 300 ft. and 430 ft. S. of Short St., involv. 6-in. conc. pavement; 1911 act. Paul Gilmore, city clerk.

SANTA MONICA, Cal.—Until 10 A. M., Aug. 18, bids will be rec. by council to imp. Ocean Ave. bet. 9th St. and Broadway, involv. 1 1/2-in. Warrenite-bitul. pavement on 2 1/2-in. asph. conc. base, const. conc. curbs, walks, san. sewers, storm drains, ornam. lights, laying cast iron water pipes, corr. iron culv.; 1911 act. Howard B. Carter, city engr.

MANHATTAN BEACH, Cal.—Until 8 P. M., Aug. 21, bids will be rec. by city trustees to imp. Morningside Dr., bet. Centre St. and Manhattan Beach, Div. No. 2, involv. cem. curbs, walks, 5-in. conc. pave, 2x12-in. p. w. headers; 1911 act and 1915 bond imp. act. Llewellyn Price, city clerk.

SAN RAFAEL, Marin Co., Cal.—Until Aug. 18, bids will be rec. by Engineer C. H. Towle, Cheeda Block, San Rafael, to imp. streets in Clinton Court, San Rafael, involv. 40 to 60 acres clearing and grubbing; 1,000 cu. yds. grading; 1200 lin. ft. 6-in. and 180 lin. ft. 4-in. pipe; 6 br. manholes; 3 lampholes; 1240 lin. ft. curb and 24-in. gutter; 2680 lin. ft. curb and 18-in. gutter; 13,700 sq. ft. walks; 45 cu. yds. conc. in catchbasins and culverts; 5 gratings and frames; 109 lin. ft. 10-in. pipe; 125 cu. yds. rein. conc.; 38,300 sq. ft. asph. macadam, asphaltic conc. and hyd. conc. pavements. Plans obtainable from eng.

SACRAMENTO, Cal.—County Surveyor Chas. Deterding Jr., preparing estimates of cost to const. road along Marysville Blvd. from end of present pavement north along old Marysville road to its intersection with North Ave., approx. .07 mi. in length.

HAWTHORNE, Cal.—City trustees declare intent to imp. Eucalyptus Ave., bet. Raymond Ave. and Ballona Ave., involv. 1 1/2-in. Willite pave on 2 1/2-in. asph. conc. base, with 2-in. d. g. sub-base, curbs, walks, gutters; 1911 act and 1915 imp. bond act. Victor H. Staehli, city engineer.

HUNTINGTON PARK, Cal.—City trustees declare intent to imp. Bell Ave., met. Pacific Blvd. and Santa Fe Ave., involv. 1 1/2-in. asph. conc. pave, on 3 1/2-in. asph. conc. base, gutters, walks, curbs; 1911 act. H. H. Hunter, clerk. Paul E. Kressly, city engineer, H. W. Hellman Bldg., Los Angeles.

SACRAMENTO, Cal.—No bids rec. by supervisors to gravel Tyler road and work will be done by day labor under supervision of County Surveyor Chas. Deterding Jr.

CULVER CITY, Cal.—City trustees declare intent to imp. Wesley, Patricia and Schaefer Sts., bet. Hays and Higuera Sts., involv. 1 1/2-in. National pave on 3 1/2-in. asph. conc. base; conc. curbs, walks, altering of nine manholes; 1915 imp. bond act. Nellie Brown Haus, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—Kaiser Paving Co., an exicor, Bay Bldg., Oakland at \$17,749 awarded contract by supervisors to grade Black Mountain lateral to Skyline Blvd., involv. 24,000 cu. yds. unclassified excavation. C. J. Lindgren, \$18,600, and Giddings and Wythe, \$18,527.62, next two low bidders.

REDWOOD CITY, San Mateo Co., Cal.—A. J. Givens, 180 Chaworth St., Oakland, at \$24,899 awarded const. by supervisors to imp. Mission rd. from west city limits of South San Francisco to junction of Grand Ave. extension at San Francisco, involv. 154,500 ft. water-bond macadam pave, \$133; 5800 ft. r.w. curb, \$10; 23,520 ft. rock gutter, \$14; 2 catchbasins, \$100 ea; 32 ft. 12-in. vit. pipe, \$175; 50 ft. 18-in. vit. pipe \$3; 1 culvert inlet, \$25. Other bids: O. McHugh, \$26,076.

SANTA MONICA, Cal.—Council declares intent to imp. Yuma St., bet. Colorado Ave. and Harvard St., involv. 1 1/2-in. Warrenite-bitul. pave, on 2 1/2-in. asph. base; 6-in. cem. pipe hse. sewers; c.i. water pipe distributing sys.; curbs, walks; 1911 act. Howard B. Carter, city engineer.

SANTA ANA, Cal.—City trustees declare intent to imp. S. Bay, bet. Tr. 352 and Fairview Ave., involv. 2-in. asph. conc. wearing surface on 3 1/2-in. asph. conc. base; 1911 and 1915 imp. bond act. E. L. Vegely, city clerk.

LAGUNA BEACH, Cal.—F. W. Stetson, of Hemet, completes plans for sewer mains and sewage disposal plant at Laguna Beach. Hugo B. Lindberg, local engr., has been employed as engr. on right-of-way matters, etc. The work is to be done under the auspices of the Laguna Beach Sanitary Board.

MILL VALLEY, Marin Co., Cal.—Town Engineer C. Olesby completes spec. for outfall sewer project; est. cost, \$24,500. Bonds will probably be voted to finance the work.

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PASADENA, Cal.—City directors adopt ord. of intent, to call an election in Municipal Imp. Dist. No. 1 to vote a \$300,000 bond issue for imp. streets in said dist., involving grading, 6-in. oil macad., gutters, curbs, walks, ornamental light system. Bessie Chamberlain, city clerk.

ROSEVILLE, Placer Co., Cal.—City Eng. J. W. Meredith preparing spec. to imp. Vernon and Main Sts., involv. 100,000 sq. ft. 3-in. asph. conc. base with 2-in. and 1½-in. Willite surface; 10,000 lin. ft. comb. curb and gutter; 25,000 cu. yd. walks; catchbasins, etc.

SAN DIEGO, Cal.—City council plans \$50,000 bond issue to pave streets in front of city schools.

SOUTH GATE, Cal.—Until 8 p. m., Aug. 19, bids will be rec. by city trustees to imp. under 1911 act and 1915 imp. bond act:

Otis Ave., involv. 50 sq. ft. walk; 20 lin. ft. curb; 5305 sq. ft. 5-in. gutter; 388 sq. ft. 8-in. gutter; 49,933 sq. ft. grading; 49,933 sq. ft. 1½-in. Willite wearing surface on 4-in. bitum. base. Seville Ave., involv. 50 sq. ft. walk; 1954 sq. ft. curb; 3085 sq. ft. 5-in. gutter; 705 sq. ft. 8-in. gutter; 42,612 sq. ft. grading; 42,612 sq. ft. 1½-in. Willite wearing surface on 3½-in. bitum. base. Southern Ave., involv. 18,280 sq. ft. walk; 4850 lin. ft. curb; 19,630 sq. ft. 5-in. gutter; 6110 sq. ft. 8-in. gutter; 276,950 sq. ft. grading; 276,950 sq. ft. paving with 1½-in. Willite surface on 3½-in. bitum. base.

Plans on file at office of city engr., E. M. Lynch, Central Bldg., Los Angeles. L. Griley, city clerk.

WOODLAND, Yolo Co., Cal.—Until Sept. 2, 2 p. m., bids will be rec. by H. R. Saunders, county clerk, to furnish material in bunker to macadamize Prefix 7, Sec. E of county highway system extending from so. line of Reclamation Dist. No. 307 along crest of levee along west bank of Sacramento river to Freeport. Cert. check 10% payable to county req. Spec. on file in office of clerk.

WOODLAND, Yolo Co., Cal.—Until Sept. 2, 2 p. m., bids will be rec. by H. R. Saunders, county clerk, to take materials from bunkers and spread same on sub-grade, already prepared, to macadamize Prefix 7, Sec. E of county highway system extending from so. line of Reclamation Dist. No. 307 along crest of levee along west bank of Sacramento river to Freeport. Cert. check 10% payable to county req. Spec. on file in office of clerk.

REDONDO, Cal.—City trustees declare intent, to pave Catalina Ave., bet. Margarita Ave. and Ave. I, involving Willite surface. Protests, Aug. 18. Victor H. Staheli, city engr.

REDONDO, Cal.—City trustees declare intent, to pave Agate St., betw. Camino Real and Lucia St., involv. paving with 2½-in. asph. conc. base and 1½-in. Willite surface; walks; gutter; curb. Protests Aug. 18. Victor H. Staheli, city engineer.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan preparing spec. to imp. streets in Merryvale and Munston Additions, including Harrison St., bet. Charter Way and Worth, Anderson, Jefferson, Jackson and Clay Sts., bet. Harrison and Lincoln Sts.

LOS ANGELES, Cal.—Approx. quantities for the imp. of Las Flores Canyon Rd., bids for which are to be opened by county supervisors Sept. 2, are: 28,600 cu. yds. clearing and grubbing; 8296 cu. yds. rock excav.; 8635 sq. yds. placing oil (roadway to be graded 16 ft. wide, rolled and oiled); 2000 lin. ft. guard fence; 50 cu. yds. conc. for culv.; 2555 lbs. steel for culv. Cash contr. No. 224.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, Clerk, declares intent, to imp. 26th St., bet. Santa Clara and McKee Rd., involv. grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. conc. curbs, gutters and walks; 1911 Act and Bond Ave 1915. Protests Sept. 2. Wm. Popp, city engineer.

LOS BANOS, Merced Co., Cal.—W. J. Taylor, at approx. \$2787.50 awarded cont. by city trustees to pave extension of H St. to connect with Volta highway

REDONDO, Cal.—City trustees declare intent, to const. ornamental lights on Catalina Ave., Pacific Ave. and Ave. I, involv. 343 Westinghouse metal lights. Protests Sept. 2. Victor H. Staheli, city engineer.

LOS ANGELES, Cal.—C. E. Green, Western Mutual Life Ins. Bldg., awarded cont. by Ed. Pub. Wks. at \$63,257 to const. storm drain in Mesa St., bet. O'Farrell St. and Third St.

LA HABRA, Cal.—The \$75,000 bond election for sewer system to connect with outfall to ocean being built by Fullerton, Orange, Anaheim and Santa Ana carried at the election Aug. 5.

EL CERRITO, Contra Costa Co., Cal.—Bids will be asked shortly by town trustees to pave three blocks of Pomona Ave., including const. of sidewalks.

PORT ANGELES, Wash.—Until Aug. 20, 10 A. M., bids will be rec. by Eloise Morison, city clerk, to imp. Cherry St. and const. roadway through blocks 35 and 36, involv. 70,000 cu. yds. embankment; 8000 cu. yds. excavation; 5050 cu. yds. road gravel; 114,000 ft. b. m. wood sidewalks; 490,000 ft. b. m. bridging; 19,000 lin. ft. peeled planks; 325 cu. yds. conc. culverts; 844 sq. yds. 9-in. conc. pavement; 5040 sq. yds. rein. 5-in. conc. pavement. Cert. check 5% payable to City Treasurer req. Plans obtainable from clerk on deposit of \$5, returnable.

GLENDALE, Cal.—A. R. McGrath, 403 S. Central, Glendale, submitted low bid to council at \$31,294 to imp. Bonnie Brae Rd. and Eelvin Ave. and other streets, involv. 145,832 sq. ft. grading, 1½-in. 572 ft. curb, 500 ft. 3-in. gutter, 21c ft. 87,952 sq. ft. 3-in. macad. 10.5c ft.; 27,207 sq. ft. walk, 16c ft.; water pipe compl., \$7000; 2540 ft. 8-in. vit. sewer, \$115; 2 junct. cham., \$100 each; 6 manholes, \$100 each; 2 lamp-poles, \$75 each; 46 hse. conn., \$22.50 each. Other bids were:

Cornwell & Henderson, \$32,264.42; W. J. Curran, \$32,518.64; Gibbons & Reed Co., \$33,477.58; Bates & Borland, \$33,640.20; E. L. Fleming, \$33,733.51; F. R. Mosher, \$37,912.25; J. E. Haddock, \$38, \$24.48.

FULLERTON, Cal.—City council plans paving of principal alleys in business district. W. C. Record, city engineer.

GLENDALE, Cal.—F. R. Mosher, 118 S. Kenwood, Glendale, submitted low bid to council at \$124,686 to imp. Elem Ave., Allen Ave., Linden Ave. and other streets, involv. 773,255 sq. ft. grading, ½-in. 27,450 ft. curb, 50c ft. 29,470 sq. ft. gutter, 20c ft.; 384,880 sq. ft. 3-in. macad., 9½c ft.; 120,986 sq. ft. walk, 16c ft.; water pipe complete, \$24,000; 2392 sq. ft. 5-in. conc. pav., 20c ft.; 12,658 ft. 8-in. vit. sewer, 95c ft.; 19 junct. cham., \$100 each; manholes, \$100 each; 4 flush. \$150 each; 450 hse. conn. \$11.50 each. Other bids were:

E. L. Fleming, \$125,571.32; Cornwell & Henderson, \$127,742.32; Chas. and Geo. K. Thompson, \$130,370; Chalmers & Ford, \$130,994.44; Bates & Borland, \$132,373.78; Gibbons & Reed Co., \$132,751.91; H. D. Cox, \$140,453.11; J. E. Haddock, \$149,598; Blumenkranz & Vernon, \$171,866.87.

STOCKTON, San Joaquin Co., Cal.—Until Aug. 20, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. John M. Perry road No. 505 from corner of Harding and Wilson, city of Stockton, easterly 2000 ft., along Harding Way to pave in Cherokee Lane State Highway, Rd. Dist. No. 1. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from County Surveyor F. E. Quail on deposit of \$10, returnable.

FRESNO, Fresno Co., Cal.—Until Aug. 25, 7:30 p. m., bids will be rec. by L. M. Martin, clerk, Washington Union High School District, to const. conc. curbs and walks at school grounds. Plans obtainable from Coates and Traver, architects, Rowell Bldg., Fresno.

LONG BEACH, Cal.—City Eng. R. D. Van Alstine completes spec. to pave E 7th St., bet. Redondo Ave. and Terminal Ave.; est. cost, \$40,000; will be 8-in. conc., 50 ft. wide bet. curbs.

SANTA BARBARA, Cal.—City Eng. Geo. D. Morrison completes spec. for 3 mi. of paving on Around-the-City Blvd. Est. cost of present proposed section, along Camino Rey Alberto to Euclalytus Hill Rd., \$90,000. Pavement to be 5-in. conc. Total cost of the complete road which will practically encircle the city, \$1,000,000.

Barber Greene Model 42 Loader



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TRINITY M. A. Serrano, Cal. — R. Woods, Palmdale, at \$14.00 awarded contract to construct to install 14-in. St. bet. Madison and Washington Sts., involve grading and oil macadamizing, curbs, gutters.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to imp. portions of Keyes and Sixth Aves., involve grading, 8 conc. curb, curb 5 ft. conc. gutter 2 1/2 in. macadam pave 4 ft. conc. walks, 1 1/2; 8x24-in. corr. iron and conc. culvert, 24-in. dia., conc. box culvert, 36-in. dia., conc. with conc. covering, 24-in. inlets with c. l. gratings, \$28; handholes, \$15.

SANTA ANA, Cal. — Geo. A. Simpson, Olson Bldg., Burbank, submitted low bid to city trustees at \$14.175 to imp. Santa Clara Ave., bet. Bush St. and Lincoln Ave., involve, 201,058 sq. ft. grade and pave with 5-in. conc., 8754 lin. ft. conc. curb; 979 lin. ft. trench, furnish, lay 6-in. man. line sewer, 109 lin. ft. 4-in. hse. sewers; 2 manholes; one flush tank; one lamphole. Other bids were: B. R. Ford, \$41,172.51; Willis & Bressler, \$45,447.21; Thos. T. Crawford, \$44,222.43; Oglesby & Dewal, \$40,102.47; Griffith Co., \$50,216.35; D. C. McMeans & Co., \$53,268.69; Chas. D. Soteras, \$72,168.32. Bids under advisement.

PASADENA, Cal. — Hickey & Harmon, Alhambra, awarded contract by city directors at \$7435 to const. sewer in Marengo Ave., bet. Glenarth St. and Los Robles Ave.

SALINAS, Monterey Co., Cal. — Until Aug. 18, 7:30 p. m., bids will be rec. by M. R. Keyes, city clerk, to fur. materials and labor to const. storm water sewer in Capitol St., and Central Ave., involve, 413 lin. ft. 18-in., 925 lin. ft. 21-in., 166 lin. ft. 24-in. and 89 lin. ft. 30-in. Bids will be taken for concrete or vitrified clay pipe. City will construct manholes and catchbasins and make connections from catchbasins to manholes and wyens. City check, 10% req. with bid. Spec. obtainable from Howard F. Cozzens, city eng. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal. — John Artukovich 614 N. Bunker Hill Ave., awarded contract by Bd. Pub. Wks. at \$27,750 to const. sewer in 58th Pl., bet. 80 ft. west of Normandie Ave. and 105 ft. west of Denker Ave. Engr's est. \$34,552.65.

SALINAS, Monterey Co., Cal. — Until Sept. 2, 2 p. m., bids will be rec. by T. F. Joy, county clerk, to imp. portions of Alameda road in Rd. Dist. No. 2. Plans obtainable from County Surveyor Howard F. Cozzens.

FRESNO, Fresno Co., Cal. — Ross and Sutherland, consulting engineers, have been commissioned by land owners in North and Northeast sections of city to prepare plans for street paving and a subway project, est. cost \$125,000. The work will be submitted to the supervisors shortly. The work also involves the extension of street car lines to McKinley Ave.

STOCKTON, San Joaquin Co., Cal. — W. Moreing, 232 West Vine St., Stockton, at \$18,011 awarded contract by supervisors to surface Farmington road, involve, 100 tons road gravel, \$3; 3330 tons crushed rock, \$2.90; 1530 tons dressing for oil, \$3.10; 1270 lbs. asphalt, \$3.75. Other bids Irey and Holden, Lodi, \$19,465; Heafey-Moore-McNair, Oakland, \$21,292.

LOS ANGELES, Cal. — Until 10 a. m., Aug. 18, bids will be rec. by Bd. Pub. Wks. const. Section No. 15 of North Outfall Sewer. This section will be 6789 lin. ft. and bids will be taken as follows: A, 5-ft. 3-in. semi-elliptical brick conc. sewer, with deductions (a) 5-ft. 9-in. east conc. pipe sewer, including certain 5-ft. 9-in. circular brick conc. sewer, with deductions (a) and (b) as in spec. for Sec. 16; C, 5-ft. 9-in. semi-elliptical conc. sewer, with deductions (a) and (b) as in spec. for Sec. No. 16. Bids will be taken for construction and furnishing of materials complete, and also for construction alone, the city to furnish materials.

SAN RAFAEL, Marin Co., Cal. — F. C. McIntire, Mill Valley, at \$444 awarded contract by supervisors to surface with penetration asphalt spray coat on county road in Town of Tomales. Project involve, 5,000 sq. ft. surfacing. Heafey-Moore-McNair, Oakland, bid \$444.

MARYSVILLE, Yuba Co., Cal. — Bids will be asked immediately by county supervisors to pave 5-mil. of proposed Arbuja Blvd., 16-ft. wide, 5-in. thick, conc. or asphalt pavement. J. R. Meek, county surveyor.

SAN RAFAEL, Marin Co., Cal. — Until Aug. 25, 8 p. m., bids will be rec. by Eugene W. Smith, city clerk, to imp. Maple St., bet. Lincoln Ave. and McCreia Ave. and McCreia Ave. for its entire length, involve, 4 in. asphalt, 6-in. corr. curbs and gutters; 2 conc. and corr. iron culverts; 2 catchbasins; 6-in. ironstone sewer; 19 4-in. ironstone house sewers; 1 br. manhole, 1915 Bond Act. Const. check, 10% payable to Mayor req. Plans on file in office of clerk.

LA VERNE, Cal. — The \$60,000 sewer bond issue voted to cover La Verne's share in const. of tri-city sewer outfall has been sold for premium of \$765.

OAKLAND, Cal. — Bates and Borland, Oakland Bank Bldg., Oakland, awarded contract by council to imp. 2nd St., bet. Alice and Oak Sts., involve, grading, \$6; conc. curb, \$7.5; conc. gutter, \$30; 10-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base pave, \$305.

SAN JOSE, Santa Clara Co., Cal. — Raymond H. Crumme, 5th and Keyes Sts., San Jose, awarded contract by council to const. West Virginia St. from First to Locust St., involve, grade and pave with 1 1/2-in. Warrenite-Bit. surface on 3-in. Bituminous conc. base; hyd. cem. conc. curbs, gutters, and storm water inlet, vit. pipe drains.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares intent to imp. 34th Ave., bet. San Fernando and Santa Clara Sts., involve, grading; pave with 1 1/2-in. Durite asphalt conc. surface on 3-in. Durite asphalt conc. base; hyd. cem. conc. curbs, gutters and walks; 30-in. double iron, 6-in. cem. conc. pipe; 5470 lin. ft. 10-in. cem. conc. pipe; 6781 lin. ft. 12-in. cem. conc. pipe; 865 lin. ft. 8-in. cast iron pipe; 49,186 lin. ft. trenching, laying sewers from 4-in. to 12-in. cast iron, 6-in. manholes with cast iron covers; 40 drop manholes, conc. with cast iron covers; 46 deadends; 13 deadends with cross; 6 flush tanks.

STOCKTON, San Joaquin Co., Cal. — Chamber of Commerce of Oakland and Stockton back plans to construct approx. 20 miles of new road between those cities bringing Oakland within 60 miles of Stockton.

MONROVIA, Cal. — City Engr. H. S. Gierlich instructed to proceed with grading of 32-acre Recreation Park site.

EUREKA, Humboldt Co., Cal. — City council, petitioned to pave Dist., bet. 4th and 7th sts., bituminous pavement is requested. Harry H. Hannah, city eng.

WOODLAND, Yolo Co., Cal. — State Highway Commission completes spec. Northern R. R. in Washington, Yolo county; est. cost \$26,000. Application has been filed with State R. R. Commission for permission to construct R. M. Morton, state highway eng.

CENTRALIA, Wash. — R. M. Barsten, Longview, Wash., at \$128,450 submitted low bid to council to const. storm and tank sewers, involve, 5000 ft. 36-in. sewer pipe, 2060 ft. 30-in., 888 ft. 24-in., 5250 ft. 15-in., 4640 ft. 12-in., 4540 ft. 10-in., and 32,650 ft. 8-in. pipe.

REDWOOD CITY, San Mateo Co., Cal. — County Surveyor Geo. A. Kneese instructed to prepare spec. for new road to connect with Hillside Drive at its base, termination in North Burlingame to connect with Skyline Blvd., also spec. to repair Wallbridge St., from Bayshore rd. to San Francisco county line.

ALHAMBRA, Cal. — City Engr. T. B. Downer preparing spec. to pave Poplar Ave., bet. Main St. and Fremont Ave., proposed bridge across arroyo will not be built at present.

WALNUT CREEK, Contra Costa Co., Cal. — C. C. Kennedy, consulting engineer, Call Bldg., San Francisco, completes spec. to const. sanitary sewer in Oak Blvd., involve, 5,760 lin. ft. 6-in. vit. pipe; 9 manholes; 4 lampholes. 1911 Act. Protests August 27.

OAKLAND, Cal. — Manuel Smith, 1003 55th ave., Oakland, awarded contract by council to imp. portions of Orchard st., involve, 8-in. sewer, \$250; manholes, \$90; lampholes, \$10; wye branches, \$150.

LONG BEACH, Cal. — Council declares intent to imp. Gaviota Ave., bet. 4th and 5th Sts., involve, curb, walk, gutter, 6-in. cem. pipe connecting sewers, 6-in. asphalt conc. paving, etc.; 1911 act.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares intent to imp. Taylor St., at intersections 2 1/2, 3 1/2, 4 1/2, 5 1/2, 6 1/2, 7 1/2, 8 1/2, 9 1/2, 10 1/2, 11 1/2, 12 1/2, 13 1/2, 14 1/2, 15 1/2, 16 1/2, 17 1/2, 18 1/2, 19 1/2, 20 1/2, 21 1/2, 22 1/2, 23 1/2, 24 1/2, 25 1/2, 26 1/2, 27 1/2, 28 1/2, 29 1/2, 30 1/2, 31 1/2, 32 1/2, 33 1/2, 34 1/2, 35 1/2, 36 1/2, 37 1/2, 38 1/2, 39 1/2, 40 1/2, 41 1/2, 42 1/2, 43 1/2, 44 1/2, 45 1/2, 46 1/2, 47 1/2, 48 1/2, 49 1/2, 50 1/2, 51 1/2, 52 1/2, 53 1/2, 54 1/2, 55 1/2, 56 1/2, 57 1/2, 58 1/2, 59 1/2, 60 1/2, 61 1/2, 62 1/2, 63 1/2, 64 1/2, 65 1/2, 66 1/2, 67 1/2, 68 1/2, 69 1/2, 70 1/2, 71 1/2, 72 1/2, 73 1/2, 74 1/2, 75 1/2, 76 1/2, 77 1/2, 78 1/2, 79 1/2, 80 1/2, 81 1/2, 82 1/2, 83 1/2, 84 1/2, 85 1/2, 86 1/2, 87 1/2, 88 1/2, 89 1/2, 90 1/2, 91 1/2, 92 1/2, 93 1/2, 94 1/2, 95 1/2, 96 1/2, 97 1/2, 98 1/2, 99 1/2, 100 1/2, 101 1/2, 102 1/2, 103 1/2, 104 1/2, 105 1/2, 106 1/2, 107 1/2, 108 1/2, 109 1/2, 110 1/2, 111 1/2, 112 1/2, 113 1/2, 114 1/2, 115 1/2, 116 1/2, 117 1/2, 118 1/2, 119 1/2, 120 1/2, 121 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SANTA ANA, Cal.—Supervisors approve spec. to const. 1.5 mi. road on Cedar St. on highway bet. Fullerton and La Habra; R. D. 1. No. 32. 13 ft. wide cut for an asphalt pavement, 13 ft. wide and 5-in. thick, J. L. McBride, Co. rd. commissioner.

FRESNO, Fresno Co., Cal.—California Construction Co., 58 2nd St., San Francisco, at \$56,487.01 awarded cont. by supervisors to pave McCall Ave. Estimate \$61,069.93 of \$2.87 per sq. yd. Unit bid of Calif. Const. Co. was \$14,122 per sq. ft., grading, 90c cu yd; pave, 15.3-10c sq. ft.

LOS ANGELES, Cal.—Tom Gogo and L. Rados & Co., 705 Bernal St., Los Angeles, at \$13,038 to const. sewer in 8th Ave., bet. Slauson Ave. and point 320 ft. south.

SANTA BARBARA, Cal.—Until 10 a. m., Aug. 21, bids will be rec. by the city mgr. for: (1) fur. std. and submarine reinf. conc. pipe or c. l. pipe for outfall sewer 42 in. dia. from screen plant to ocean outlet, approx. distance of 3800 ft. Plans on file at office of city engr., Geo. D. Morrison. Deposit of \$1000 plant. Cert. check or bond, 10% Herbert Nunn, city manager.

SAN ANSELMO, Marin Co., Cal.—Jas. Currie, 1100 Peninsula Ave., Burlingame, at \$57,678 awarded cont. by Sanitary District No. 1, Marin County. W. A. Bliss, sec'y., to const. 5.50 lin. ft. 6-in. vit. pipe, 6 manholes; 120 ft. 6-in. well casing; 270 cu. ft. conc. Other bids: P. A. Belser, Oakland, \$78,732; Chambers and DeGolyer, Oakland, \$69,182; J. A. Dowling, \$57,353.

SAN LUIS OBISPO, Cal.—Geo. A. Simpson, Olson Bldg., Burbank, submitted low bid to council at \$109,357 to imp. Marsh St. and other streets, involving 6-in. cem. conc. pave, curbs, walks, reinf. conc. culv., etc. Other bids were: Griffith Co., \$113,651.30; Pioneer Trans. Co. of Calico, \$114,471.39; Basich Bros., \$115,547.31; Fleming Constr. Co., \$116,708.41; H. P. McComas, \$122,638.06; W. F. Hanrahan, \$122,827.35; T. W. Nighbert, \$125,176.38; Sam Hunter, \$125,529.58; W. A. Donville, \$126,577.05; Calif. Const., \$127,368.05; Atkinson & Kettellwell, Oakland, \$128,713.63; Clark & Henery Constr. Co., \$129,232.33; Ed Johnson & Sons, \$134,241.3; Granite Constr. Co., \$134,280.67; Blumenkranz & Vernon, \$135,431.71; Jasper-Stacey Co., San Francisco, \$139,675.91.

COMPTON, Cal.—Until 8 p. m., Aug. 19, bids will be rec. by city trustees to imp. under 1911 act and 1915 imp. bond act.

Palmer Ave., involv. 27,840 sq. ft. walk; 6470 ft. curb; 213,650 sq. ft. grading; 213,650 sq. ft. 5-in. conc. paving; 80 ft. 15-in. cem. pipe sewer; 180 ft. 8-in. cem. pipe sewer; ornam. lighting sys. comp. Co.

Magnolia St., involv. 60 sq. ft. walk; 1786 ft. curb; 37,245 sq. ft. grading; 37,245 sq. ft. 5-in. conc. paving; 2 catch basins to be reconstructed; 1200 sq. ft. conc. pipe hse. sewers; 724 lin. ft. 4-in. cast iron water mains and fittings; 32 lin. ft. 1-in. galv. iron service connections; 500 lin. ft. ¾-in. galv. iron serv. connections.

Plans on file at office of city engr., E. M. Lynch, Central Bldg., Los Angeles. Maude Heckock, city clerk.

LOS ANGELES, Cal.—Supervisors declare inten. to imp:

Bressee Ave., bet. Covina Blvd. and El Monte St., 31 mi. involv. 1580 cu. yds. excav.; 714 ft. curb; 708 sq. ft. conc. gutter; 5839 sq. yds. oil macad. paving; est. cont. price, \$11,335.25. Aver. haul, 2 mi. Co. Imp. No. 95. 102nd and other streets in Tr. No. 5294, 1 mi. involv. 871 cu. yds. excav.; 6617 ft. curb; 26,392 sq. ft. walk; 16,127 sq. ft. gutter; est. cont. price \$13,338.85. Co. Imp. No. 132.

92nd St. (so side) & 93rd St. (n side) bet. San Pedro and Wall Sts., and San Pedro (W side) and Wall St. (e side) bet. 92nd and 93rd Sts., involv. 316 cu. yds. excav.; 1836 ft. curb; 8856 sq. ft. walk; 522 sq. ft. gutter; est. cont. price \$3314.10. Co. Imp. No. 93.

POMONA, Cal.—Bids rec. by council to fur. sewer pipe (city of Los Angeles spec. 123), involv. (1) 2674 ft. 20-in. pipe, 3800 ft. 21-in. (2) 4126 ft. 22-in. (3) 15548 ft. 24-in. pipe were:

Tropico Pottery Co., Inc. (Vit. pipe) (1) \$1.10; (2) \$1.32; (3) \$1.4575; (4) \$1.65.

Paul Clay Products Co., Inc. (Vit. pipe) (1) \$1.10; (2) \$1.32; (3) \$1.4575; (4) \$1.65.

Bent Conc. Pipe Co. (Conc.) (1) 95c; (2) \$1.10; (3) \$1.25; (4) \$1.50; and 30-in. pipe, \$2.50.

Western Conc. Pipe Co. (conc.) (1) 90c; (2) \$1; (3) \$1.10; (4) \$1.17.

CULVER CITY, Cal.—R. A. Garnett, 1130 Loew State Bldg., Los Angeles, submitted lowest regular bid to city trustees at \$38,785 to const. automatic system of sewer mains in Imp. Dist. No. 2, Culver City, connecting with the Los Angeles city outfall using vit. pipe. The two lowest bids were regular in this matter were referred to the eng'rs, Koebig & Koebig, and the city atty. for recommendation and report, which will be made to the board Monday, Aug. 11. The bids were: Milyovich & Marovich, \$38,721; Gogo and Rados, \$34,167; R. A. Garnett, \$38,723; Robert Metcalf, \$39,744; E. L. Plantico, \$46,805; G. M. Wucetich and D. Dakovich, \$46,817; Chas. D. Soteras, \$51,095; D. Churchill, \$51,767; W. E. Kennedy, \$52,865; R. A. Wattson, \$55,514; Hickey & Harmon, \$60,140; R. P. Davidson, \$69,898.

LARKSPUR, Marin Co., Cal.—Downer and Mero, Richmond, at \$11,123 awarded cont. by town trustees to pave with 5-in. conc. Madrone Ave. and Elgin St. Other bids: P. C. McIntyre, \$11,146; J. L. McDougall, San Rafael, \$13,889; M. C. McDonald, Sausalito \$14,627.

Dolliver and Cuffs, San Rafael, at \$490 awarded cont. to surface with asphalt macadam William Ave. Other bids: F. C. McIntyre, \$5195; Downer & Mero, \$5267; M. C. McDonald, \$5800.

HAYWARD, Alameda Co., Cal.—Until Aug. 20, 8 p. m., bids will be rec. by M. E. Templeton, city clerk, to imp. portions of Soto St. and Sunset Blvd. involv. 18,270 sq. ft. 3½-in. asphalt base with 1½-in. asphalt conc. surface, including grading; 582 sq. ft. conc. gutter; 139.5 lin. ft. conc. curb; 107 lin. ft. w. header boards, 1911 act and bond act 1915. J. B. Holly, town engineer.

SANTA MONICA, Cal.—City council plans widening the Palisades Beach road; widening of Broadway from the ocean to city limits is also before the council. Howard B. Carter, city engr.

LOS ANGELES, Cal.—Pioneer Transfer Co., of Calexico submitted low bid to supervisors at \$69,850 to imp. Garvey Ave., bet. New Ave. and Lexington-Gallatin Rd., 18,850 ft. or 3.52 mi. (R. D. I. No. 263), involv. 25,646 cu. yds. excav. 63,327 sq. yds. conc. pavement; 45,677 sq. yds. 4-g. Sunlet Blvd. involv. 18,850 lin. ft. 3½-in. asphalt shoulders. Company furnishes 17,222 bbls. cem. 7714 tons sand; 14,233 tons gravel; f. o. b. El Monte. Est. contr. price, \$112,976.10. Other bids were: J. B. Holly, Ford, \$74,819.70; Kuhn Bros., \$75,767; T. W. Oglesby, \$77,000; J. F. Murphy, \$78,238.70; Basich Bros., \$78,516; Griffith Co., \$78,900; Clarence P. Day Corp., \$79,176; C. McDonald, Pub. Co., \$86,000; Cristich, Mandic & Cristich, \$90,800; Ed Johnson & Sons, \$97,000; Chas. D. Soteras, \$97,250; Fry Bros. Constr. Co., \$106,000; Wm. Lindington, \$108,640; Geo. R. Curtis Pav. Co., \$136,000.

LOS ANGELES, Cal.—Nick Chivuk and Leo Vuksich, 343 Wilcox Bldg., submitted low bid to Bd. of Pub. Wks. at \$39.10 for sewer in 6th Ave., bet. Vernon Ave. and 50th St. Other bids: Adam Dalmatin, \$39,500; Geo. Petrovich, \$39,799; Martin Culjak and Nick Bebek, \$39,800; M. Simukovich, \$41,733; John J. O'Connell, \$41,900; Tom Gogo and S. P. Rados & Co., \$41,972.01; P. S. Tomich, \$42,900; Leo Milechik, \$43,793; Thos. Haverly Co., \$44,565; W. E. Kennedy, \$46,400; Martin B. Erkin, \$46,400; J. B. Holly, \$47,880; S. Zarubica and B. P. Radich, \$51,437.

SAN FRANCISCO—Until Aug. 20, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp:

Vicente St., bet. 14th and 19th Aves., involv. 19,592 cu. yds. cut; 8225 cu. yds. fill; 500 lin. ft. 8-in., 680 lin. ft. 12-in., 350 lin. ft. 15-in., and 275 lin. ft. 18-in. vit. pipe; 19 8-in. wye branches; 35 12-in. wye branches; 10 15-in. wye branches; 10 18-in. wye branches; 7 br. manholes; 610 lin. ft. 10-in. culvert; 17 br. catchbasins; 2378 lin. ft. conc. gutter; 85,392 sq. ft. asphalt conc. pave; 3000 sq. ft. walks.

Kirkham St., bet. 14th and 16th Ave. involv. 3100 cu. yds. cut; 275 lin. ft. 8-in. vit. pipe; 15-in. vit. pipe; 2 br. manholes; 13 8-in. wye branches; 1304 lin. ft. conc. curb; 3 br. catchbasins; 1000 lin. ft. 10-in. vit. culvert; 1016 sq. ft. walks; 38,412 sq. ft. asphalt conc. pave; 12 br. catchbasins; Mississippi Sta., involv. 83 lin. ft. conc. curb; 554 sq. ft. walks; 2 br. catchbasins; 50 lin. ft. 10-in. vit. culvert; 4684 sq. ft. asphalt conc. pave.

Hope St., bet. Mission and Morse Sts., involv. 22,940 sq. ft. art. stone walks.

Brunswick St., bet. Oliver and Whittier Sts., involv. 100 lin. ft. conc. curb; 1800 sq. ft. asphalt conc. pave.

Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

MARYSVILLE, Yuba Co., Cal.—Until Sept. 3, bids will be rec. by supervisors to pave 7.25 mi. of road in Arbogast and Plumas Lake Districts; bids to be taken on both conc. and asphalt conc. pavements. Plans obtainable from J. R. Meek, county surveyor.

SAN FRANCISCO—Until Sept. 3, 3 p. m., bids will be rec. by Board of Public Works to const. reinf. conc. sewer in Great Highway bet. Ortega and Reivers Sts., involv. 531 lin. ft. 8-ft. 6-in. 3-ft. 6-in. reinf. conc. sewer; 1347 lin. ft. 2-ft. by 3-ft. reinf. conc. sewer; 1 reinf. conc. taper connection; 364 lin. ft. ironstone pipe; 1200 lin. ft. 6-in. ironstone pipe; 668 lin. ft. 8-in. ironstone pipe; 12 br. manholes. Est. cost \$31,000. Plans obtainable from Bureau of Engineering, 3rd floor City Hall.

SAN FRANCISCO—Raisch Improvement Co., Kearny St. at \$442 submits low bid to Bd. Pub. Wks. to imp. Carr St., bet. Paul and Salinas Sts., involv. 1740 cu. yds. cut; 1200 lin. ft. conc. curb; 18,000 sq. ft. asphalt conc. pavement; 1000 sq. ft. asphalt conc. Municipal Const. Co., \$8502; C. B. Eaton \$5880.

SAN MATEO, San Mateo Co., Cal.—City council rejects bids to pave Crystal Springs road and El Camino Real. Project involv. 29,000 sq. ft. hyd. cem. conc. pavement, 7 to 9-in. thick; 900 cu. yds. excavation; 2000 sq. ft. conc. walks; 800 lin. ft. curb; 6 catchbasins; 900 lin. ft. 4-in. sewer laterals; 80 lin. ft. 10-in., 900 lin. ft. 12-in. and 80 lin. ft. 15-in. vit. tile pipe storm drain. G. Stanley Whitehead, San Mateo, was low bidder at \$11,298.10. Other bids were: W. A. Donatville, \$13,730; W. J. Taylor, \$12,694; Fay Improvement Co., \$13,478; Eaton & Smith, \$13,841; A. Thompson, \$13,297; C. J. Hansen, \$12,007; Whitehead, \$11,298; V. Coconi, \$12,516.

LOS ANGELES, Cal.—Warren Constr. Co., 2221 E. 25th St., awarded cont. by Bd. Pub. Wks. at \$17,533 to imp. Westmoreland Ave., bet. 7th and 9th Sts., involv. grading at \$3260; 1397 sq. ft. asphalt pave, 29.5c ft.; 10,816 sq. ft. conc. pave, 26c ft.; 33,083 sq. ft. Warrenite 24-in. pavers; 139 ft. curb, 90c ft.; 386 sq. ft. walk, 23c ft.; 1876 sq. ft. gut., 33c ft.; storm drain, \$1200; 60 ft. hse. sewers, \$2 ft.; 1520 sq. ft. asphalt remod., 15c ft.

Griffith Co. L. A. Ry. Bldg., awarded cont. at \$15,147 to imp. Plummer St., bet. Saugus Ave. and 640 ft. w. from Haskell Ave., involv. grading at \$3500; 64,700 sq. ft. Topeka pave, 18c ft.

OROVILLE, Butte Co., Cal.—Until Aug. 28, 11:30 a. m., bids will be rec. by C. F. Belding, county clerk, to imp. Plumas road, one change on old U. S. road. Cert. check 10% req. Plans obtainable from County Road Engineer Harry H. Hume.

OROVILLE, Butte Co., Cal.—Until Aug. 26, bids will be rec. by U. S. Bureau of Public Roads, C. H. Sweetser, dist. eng., 9 Main St., San Francisco, to const. Salmon River Natl. Forest road in Siskiyou county, approx. 6.76 mi. in length, involv. 32 acres clearing, 154,972 cu. yds. unclassified excavation, 134 ft. corr. metal pipe, 147 cu. yds. cement rubble masonry, 390 lin. ft. 14-ft. log bridges; 2967 sq. ft. log cribbing. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Bids rec. by Ed. Pub. Wks. to imp. Crandall St. bet. Second and Park Avenue Sts., involv. grading, 791 sq. ft. asphalt pav., 133,443 sq. ft. 5-in. conc. pav., 33,934 sq. ft. oil and roll; 3281 ft. curb; 52,431 sq. ft. walk; 7225 sq. ft. gut.; storm drain; San sewer, 3071 ft. hse. sewers, 28,720 sq. ft. 6-in. conc. pav., water.

Geo. R. Curtis Pav. Co.—\$17,000 grading (1 st.); 300 asphalt pav.; 220 5-in. conc. pav. oil and roll; 700 curb; 220 walk; 280 gut.; 34650 storm dr.; 85000 san. sewer; 3150 hse. sewers; 220 6-in. conc. paving.

Griffith Co.—\$14,800 grad; 300 asphalt pav.; 1820 5-in. conc. pav.; 650 oil and roll; 600 curb; 210 5-in. conc. pav.; 35000 storm dr.; 7500 sewer; 1500 hse. sewers; 210 5-in. conc. pav.

A. R. Handman, 818 Comm. Ex. Bldg.—\$14,000 grad; 300 asphalt pav.; 1870 5-in. conc. pav.; 650 oil and roll; 600 curb; 210 5-in. conc. pav.; 35000 storm dr.; 7500 sewer; 1500 hse. sewers; 210 5-in. conc. pav.

Ed. Johnson & Sons—\$20,000 grad; 200 asphalt pav.; 100 5-in. conc. pav.; 100 oil and roll; 700 curb; 240 walk; 330 gut.; 33000 storm dr.; 7500 sewer; 32 hse. sewers; 250 6-in. conc. pav.

Vm. Liddington—\$15,742.30 grad; 300 asphalt pav.; 100 5-in. conc. pav.; 100 oil and roll; 620 curb; 1850 walk; 280 gut.; 33828 storm dr.; 7738 sewer; 150 hse. sewers; 210 6-in. conc. pav.

W. D. McRay—\$15,000 grad; 300 asphalt pav.; 210 5-in. conc. pav.; 70 oil and roll; 640 curb; 200 walk; 300 gut.; 33800 storm dr.; 9000 sewer; 1500 hse. sewers; 230 6-in. conc. pav.

Joe Mullarkey—\$10,000 grad; 300 asphalt pav.; 100 5-in. conc. pav.; 650 oil and roll; 600 curb; 200 walk; 280 gut.; 33500 storm dr.; 7000 sewer; 1500 hse. sewers; 220 6-in. conc. pav.

T. E. Shafer—\$17,500 grad; 200 asphalt pav.; 210 5-in. conc. pav.; 70 oil and roll; 650 curb; 210 walk; 320 gut.; 43000 storm dr.; 9800 sewer; 1750 hse. sewers; 240 6-in. conc. pav.

SISKIYOU COUNTY, Cal.—Until Sept. 4, 9 a. m., bids will be rec. by U. S. Bureau of Public Roads, C. H. Sweetser, dist. eng., 9 Main St., San Francisco, to const. Salmon River Natl. Forest road in Siskiyou county, approx. 6.76 mi. in length, involv. 32 acres clearing, 154,972 cu. yds. unclassified excavation, 134 ft. corr. metal pipe, 147 cu. yds. cement rubble masonry, 390 lin. ft. 14-ft. log bridges; 2967 sq. ft. log cribbing. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—City council plans to pave Arlington ave. If financial aid of Contra Costa county can be obtained. A permanent pavement is contemplated. J. N. Eddy, city mgr. of Berkeley.

VENICE, Cal.—City trustees declare Broadway and California Aves., 5-in. conc. pave., walks, curbs, driveways; 1911 act. T. H. Hanna, city clerk.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Aug. 26, bids will be rec. by city trustees to imp. portions of M. Eadsen Pl. and 21st St.; grade, conc. pave., curbs, Paul E. Kressly, city engr. H. W. Hoffman Bldg., Los Angeles. V. A. Sebring, city clerk.

SPOTKTON, San Joaquin Co., Cal.—Until Aug. 26, 8 P. M., bids will be rec. by A. L. Bank, city clerk, to imp. Bond, Alpine and Fulton Aves., and Knolls and Pacific Ways and Euclid Ave., bet. Lower Sacramento Rd. and east boundary of Pacific Manor, involv. grading; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. cementing gravel base with 2-in. asphalt macadam surface; also portions of Lower Sacramento Rd., involv. grading; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. cementing gravel base, 2½-in. asphalt, conc. base and 2-in. asphalt, conc. wearing surface; portions of Fulton St., involv. grading; const. comb. conc. curbs and gutters; conc. walks; portions of Alpine Ave., involv. grading; const. comb. conc. curbs and gutters; const. walks. 1911 Act and Bond Act 1915. Cert. check 10% payable to city engr. W. B. Hogan, city engr.

FULLERTON, Cal.—City trustees declare intent to imp. alleys in blks. 9, 16, 17, 20, 23, 29, 5-in. asphalt, conc. pav.; 1911 act. F. C. Hezmalhaich, city clerk.

ARCADIA, Cal.—Election will be held Sept. 1 to vote on a \$230,000 St. imp. bond issue.

WATTS, Cal.—City trustees declare intent to imp. Morton Ave. bet. Villa Ave. and W. boundary line, involv. cem. curbs, 5-in. conc. pav., walks, asphalt oil coating (¼ gal. per sq. yd.); 1911 act. Sarah A. Smith, city clerk.

COLTON, Cal.—City council plans paving La Gradenia Blvd. as a two-way boulevard.

SAN FERNANDO, Cal.—City trustees declare intent to imp. Fourth St. bet. Hagar St. and Harding Ave. and portions of other Sts.; 8-in. cem. concr. curbs, walks, cem. posts light. sys.; 1911 act. Ivan A. Swartout, city clerk.

ANTIOCH, Contra Costa Co., Cal.—Until Aug. 26, 8 P. M., bids will be rec. by J. C. McElheney, city clerk, to imp. 10th St., bet. G and Diamond Sts., involv. 10,000 sq. ft. conc. pavement, curbs, etc. 1911 Act. R. Naas, city engineer.

NATIONAL CITY, Cal.—H. G. Fenton, Box 907, San Diego, awarded cont. by city trustees to imp. 2nd St., bet. 1st and Highland Aves. and portions of other Sts., involv. excav. 600 cu. yd.; embank. 110 cu. yd.; cem. walks, 200 sq. ft.; curb, 630 ft.; gutter, 230; culv. compl. \$2300.

SANTA BARBARA, Cal.—Until 7:30 P. M., Aug. 21, bids will be rec. by council to imp. De La Guerra Plaza, involv. 5-in. concr. pav., curb, catch-basins, manhole; 1911 act. Geo. D. Morrison, city engineer.

LIVE OAK, Sutter Co., Cal.—Supervisors petitioned to provide funds in September tax rate to finance paving Larkin rd., approx. 2-mi. from Live Oak north to Butte county line.

HAWTHORNE, Cal.—Geo. R. Curtis Pav. Co., 2440 E. 26th St., awarded cont. by city trust at \$41,120 to imp. Delaware Ave., involv. grad. at \$3000; 3352 ft. curb 750 ft., 16,887 sq. ft. walk 230 ft., 9094 sq. ft. 5-in. gut. 260 ft., 94,133 sq. ft. 1½-in. Willitte on 2½-in. asphalt, conc. base 230 ft., 27 light stds. \$290 ea.

SAN LUIS OBISPO, Cal.—Geo. A. Simpson, Olson Bldg., Burbank, awarded cont. by council at \$109,357 to imp. Marsh St. and other streets, involv. 6-in. cem. conc. pave, curbs, walks, reinf. conc. curbs, etc. Other bids were: Griffith Co., \$113,651.30; Pioneer Trans. Co. of Calexico, \$114,371.39; Basich Bros., \$115,547.31; Fleming Constr. Co., \$116,708.41; H. J. McComas, \$122,638.06; W. F. Hanna, \$122,327.55; F. W. Nightbert, \$125,176.38; Sam Hunter, \$125,529.53; W. A. Dontanville, \$126,577.05; Calif. Constr. Co., \$127,368.05; Atkinson & Kettlewell, Oakland, \$128,731.36; Clark & Henry Constr. Co., \$129,223.04; Ed Johnson & Sons, \$134,324.13; Granite Constr. Co., \$134,280.67; Blumenkranz & Vernon, \$135,431.71; Jasper-Stacey Co., San Francisco, \$139,675.91.

SANTA MONICA, Cal.—Proceedings under way to imp. streets in Tr. 7003 (incl. 13th, Oak, Hill, Dewey Sts. and Ashland, Navy Aves. and other Sts.), with 4-in. asphalt, conc. pav. Howard B. Carter, city engineer.

CULVER CITY, Cal.—R. A. Garnett, 1130 Low State Bldg., Los Angeles, awarded cont. by city trustees at \$38,729 to const. complete system of sewer mains in Imp. Dist. No. 2, city, connecting the city sewer with Los Angeles city outfall, using vit. pipe. Koebig & Koebig, Title Ins. Bldg., Los Angeles, engineers.

NAPA, Napa Co., Cal.—Until Aug. 25, 7:30 p. m., bids will be rec. by H. H. Thompson, city clerk, to imp. Elm St., bet. Coombs and Jefferson Sts., involv. grading; concrete curb, 8-in. vit. pipe, 4-in. concrete asphalt macadam 39 ft. wide including alley terminations; 8-in. vit. sewers with 12-in. wye branches; flushing hole; br. manhole; 12 four inch side sewer; conc. catchbasin; 4-in. vit. water pipe. 1911 Act. Cert. check 10% payable to city engr. H. A. Herrold, city engineer.

REDLANDS, Cal.—Until 2 P. M., Aug. 20, bids will be rec. by city trustees to imp.:

Lawton St., bet. Western and Lugoña Aves.; grade and oil.
Pearl Ave., bet. Orange St. and the e. line of the Lynn Tr.; 4-in. macad. asphalt, wear, surf., stone curbs, gut. walks. 1911 Act.

NAPA, Napa Co., Cal.—Lord & Bishop Orville, at \$12,666 awarded cont. by supervisors to imp. road from Miller ranch to Vallejo.

GUADALUPE, Cal.—Election will be held Aug. 26 to vote on a \$35,000 outfall sewer bond issue.

SAN BERNARDINO, Cal.—Council declares intent to const. 8-in. vit. sew. in Mountain View Ave., bet. Arrowhead Square St. and 27th St., with 4 manholes and 41 4-in. hse. conn.; 1911 act. J. H. Osborn, city clerk.

MONROVIA, Cal.—Petitions are in circulation to pave 5th Ave., bet. Foot-hill Blvd. and Orange Ave.

POMONA, Cal.—City council orders paving of E. Holt Ave., bet. Reservoir St. and the e. city limits; est. cost, \$60,000. Work under \$400,000 St. imp. bond issue. F. C. Froehde, city engineer.

SANTA ANA, Cal.—E. F. Bruce, Long Beach, submitted low bid to supervisors at \$19,000 to imp. 4.7 mi. highway from Huntington Beach Blvd. to Los Alamitos Blvd., involv. 4000 cu. yds. excav., 24,910 lin. ft. shaping, 4300 cu. yds. gravel unloading and hauling from cars, 4350 cu. yds. curb, bet. hauling from county pit at Olive J. L. McBride, Co. rd. Commr.

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Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.						
3398	Binet	Owner	10000	3448	Hopkins	Barrett	99535	RESIDENCE	
3399	Geiffuss	Owner	4800	3449	Bauer	Gilley	1138	(3399) S DEWEY BLVD. 115 W Laguna Honda. 2-story and basement frame residence.	
3400	Lanza	Meyer	7000	3450	Bauer	Mocker	1890	Owner—Carl Geiffuss, 1056 Fulton St., San Francisco.	\$4800
3401	Associated	Owner	2000	3451	Bauer	Foster	2328	Architect—Carl Geiffuss, 1056 Fulton St., San Francisco.	
3402	Mesak	Meyer	6000	3452	Bauer	Michael	17864		
3403	McDonald	McDonald	7000	3453	Steinguer	Meyer	14000		
3404	Campana	Blum	3000	3454	New York	Michel	1000		
3405	Mission	Owner	10000	3455	Elliot	Owner	10000		
3406	Kruse	Magill	7000	3456	Stefan	Owner	2000		
3407	Meyer	Owner	4830	3457	McCarthy	Arnott	3000		
3408	McInnes	Klimm	2385	3458	McNair	Ross	6000		
3409	Bauer	Michaels	17864	3459	Janssen	Owner	4000		
3410	Nelson	Owner	12000	3460	Schibi	Romines	4227		
3411	Monson	Monson	8500	3461	Guarante	Owner	1000		
3412	Krauskoff	Owner	5000	3462	Benedetti	Verner	4500		
3413	Nelson	Owner	2000	3463	Grace	Owner	3000		
3414	People's	Miller	7000	3464	Meyer	Owner	4000		
3415	Oppenheimer	Michel	1000	3465	Nelson	Owner	20000		
3416	Ehrler	Metcalfe	3000	3466	Swanson	Owner	3000		
3417	Witt	Owner	8700	3467	Irving	Meyer	3000		
3418	French	Owner	9000	3468	Giron	Owner	1800		
3419	O'Connor	Meyer	9000	3469	Rodnall	Owner	9700		
3420	Maples	Martin	15000	3470	Stockholm	Stockholm	6000		
3421	Lergfeld	Owner	6000	3471	Starbarto	Owner	48000		
3422	Same	Same	6000	3472	Arnott	Owner	8000		
3423	Hansen	Owner	15000	3473	Arnott	Owner	4000		
3424	Assinger	Kronquist	8000	3474	Arnott	Owner	4800		
3426	Kennedy	Reilly	7000	3475	Arnott	Owner	28000		
3427	Lanzavecchia	Meyer	10160	3476	Ferreri	Owner	9700		
3428	Garibaldi	Benedetti	4600	3477	Osterberg	Lindeman	14100		
3429	Zimmerman	Klahn	15000	3478	DeMartini	Lindeman	12700		
3430	Hogrefe	Owner	12000	3479	Lindeman	Lindeman	6000		
3431	Grace	Stephenson	8000	3480	Lindeman	Lindeman	6000		
3432	Pesser	Hansen	106500	3481	Lindeman	Lindeman	12000		
3433	Gantner	Collman	37440	3482	Lindeman	American	18000		
3434	McCarthy	Arnott	3000	3483	Pasqualetti	Hjul	16000		
3435	Same	Same	3000	3484	Giacobbi	Owner	10000		
3436	Feerick	Owner	9000	3485	Dohrman	Sampson	106000		
3437	Johnson	Owner	10000	3486	Pardini	Co-operative	8000		
3438	Lord	Chadwick	26000	3487	Parkside	Owner	4000		
3439	Boe	Owner	4000	3488	Johnson	Owner	20000		
3440	Schwerin	Owner	3000	3489	Twomey	Hardiman	4968		
3441	McDonald	Hamill	12000	3490	Midbust	Owner	20000		
3442	Weiss	Stempel	4000	3491	Hjul	Owner	2000		
3443	College	Blood	1400	3492	Gawarlick	Glaser	1400		
3444	Emanuel-El	MacDonald	600000	3493	Lindeman	Owner	9000		
3445	Pierce	Nimmo	2000	3494	Friedorff	Owner	10000		
3446	Boe	Owner	4000	3495	Schabiague	Bruce	1000		
3447	Maples	Martin	15285	3496	Kauffman	Larsen	37675		
				3497	O'Brien	Ferenra	13300		

FLATS
(3398) S DORLAND 260 W Guerrero. 2-story and basement frame (3) apartment flats.
Owner—John J. Binet, 336 Church St., San Francisco.
Architect—None. \$10,000

RESIDENCE
(3399) S DEWEY BLVD. 115 W Laguna Honda. 2-story and basement frame residence.
Owner—Carl Geiffuss, 1056 Fulton St., San Francisco. \$4800
Architect—Carl Geiffuss, 1056 Fulton St., San Francisco.

FLATS
(3400) S GREENWICH 193-2 W Broderick. 2-story and basement frame (2) flats.
Owner—M. Lanza.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$7000

GASOLINE STATION
(3401) SE MISSION & TENTH ST. 1-story frame gasoline station.
Owner—Associated Oil Co., 79 Montgomery St., San Francisco. \$2000
Architect—None.

FLATS
(3402) S FIFTEENTH 135 W Noe. 2-story and basement frame (2) flats
Owner—Ed Mesak.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$6000

FLATS
(3403) W TWENTY-EIGHTH AVE. 100 N California. 2-story and basement frame (2) flats.
Owner—Richard McDonald, 1049 Treat Ave., San Francisco.
Architect—None.
Contractor—Patrick M. McDonald, 1049 Treat Ave., S. F. \$7000

DWELLING
(3404) SW GERARD 200-6 NW Silliman. 1-story and basement frame dwelling.
Owner—W. Campana, 14 Gerard St., San Francisco.
Architect—None.
Contractor—Joe Blum, 212 Silliman Ave., San Francisco. \$3000

FLATS
(3405) S FOURTEENTH 128-3 E Dolores. Two-story and basement frame (4) flats.
Owner—Mission Realty Co., 2008 Mission St., San Francisco.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco. \$10,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

FLATS
(3406) E. TWENTY-SIXTH AVE 150
N. Cabrillo. Two-story and basement
frame (2) flats.
Owner—J. R. K. 184 1/2 Ave. S. E.
Architect—None.
Contractor—C. T. Mearl, 185 1/2 Ave. S.
San Francisco. \$7500

ALTERATIONS
(3407) NO. 2170 GEARY. Remodel
double frame residence for (8)
apartments.
Owner—Fred W. Meyer, 2148 Geary St.,
San Francisco.
Architect—Philip Schmitt, 2329 Sacra-
mento St., San Francisco. \$4850

PLUMBING, ETC.
(3408) 1041 AT FT. 100 W. POLK on
N. Bell W. 48 x N. 137-6. Plumbing
and electric wiring for two-story
reinforced concrete building.
Owner—Joseph M. Arbach and John
McInnes, 1190 Market St., S. E.
Architect—Creston H. Jones Jr., 74 New
Montgomery St., San Francisco.
Contractor—Frank J. Kilmann Co., 456
Ellis St., San Francisco.

Filed Aug. 7, '24. Dated Aug. 7, '24.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2835

Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

RESIDENCE
(3409) N. WASHINGTON 117-3 E.
Cherry. Two-story and basement
frame residence.
Owner—Herbert Bauer.
Architect—Alfred H. Jacobs, 110 Sut-
ter St., San Francisco.
Architect—Michael & Bonner, 762 De-
Haro St., San Francisco. \$17,861

DWELLINGS
(3410) S. JOIST AVE 99, 148, 185 and
225 E. Hazelwood. Four one-story
and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2275 14th
St., San Francisco. \$3900 each

GARAGE
(3411) N. UNION 62-6 W. Laguna.
Two-story concrete garage.
Owner—Chas. Monson.
Architect—Henry C. Smith, Humboldt
Bank Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny
St., San Francisco. \$25,000

FLATS
(3412) S. FIFTEENTH 175 E. Castro.
Two-story and basement frame (2)
flats.
Owner—H. F. Krauskoff, 384 Dolores
St., San Francisco.
Architect—None. \$8500

GAL. FIVE
DWELLING
(3413) N. E. VALDEZ AND MONTEREY
Blvd. One-story and basement
frame dwelling.
Owner—Nelson Bros., 1375 Plymouth
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2275 15th
St., San Francisco. \$5000

ALTERATIONS
(3414) NO. 370 TWENTY-FOURTH.
Remove portions of creamery and
add pasteurizing room, bottling
plant and receiving platform.
Owner—People's Dairy Co., Premises.
Architect—J. A. Doroporo, 615 Wash-
ington St., S. E. \$2000

FLATS
(3415) W. OCTAVIA 112-6 N. Lombard.
Two-story and basement frame (2)
flats.
Owner—Jas. Oppenheimer, 3555 Pacific
Ave., San Francisco.
Architect—None.
Contractor—Robert Miller, 5637 Cali-
fornia St., San Francisco. \$7000

STATION
(3416) NW HOWARD AND NINTH.
One-story steel service station.
Owner—Felix Ehrl, 2630 Van Ness
Ave., San Francisco.
Architect—Michel & Pfeiffer Iron Wks.
Co., 10th and Harrison Sts., San Fran-
cisco. \$1000

(3417) W. MADRID 125 S. Persia. One
story and basement frame dwelling

Owner—Rudolph F. C. Will, Colma.
Architect—None.
Contractor—Joseph Metcalfe, 134 Las
Barras Ave. Daly City. \$3000

DWELLINGS
(3418) N. EDINBURGH 100, 125 and 150
W. Italy. Three one-story and
basement frame dwellings.
Owner—W. M. French, 605 Lisbon St.,
San Francisco.
Architect—None. \$2900 each

DWELLINGS
(3419) N. ANZA 15, 70 and 95 E. 34th
Ave. Three one-story and base-
ment frame dwellings.
Owner—John O'Connor.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. E. \$3000 each

DWELLING
(3420) E. TWENTY-SIXTH AVE. 50 S.
Clement. Two-story and basement
frame dwelling.
Owner—Mrs. S. W. Naples.
Architect—Albert Farr and Francis J.
Ward.
Contractor—Wm. Martin, 180 Jessie
St., San Francisco. \$15,000

FLATS
(3421) S. OAK 56-6 E. Clayton. Two-
story and basement frame (3) flats
Owner—Herman H. Bergfeld, 1191
Guerrero St., San Francisco.
Architect—None. \$6000

FLATS
(3422) S. OAK 81-6 E. Clayton. Two-
story and basement frame (2)
flats.
Owner—H. H. Bergfeld, 1491 Guerrero
St., San Francisco.
Architect—None. \$6000

DWELLINGS
(3423) E. CAPITRANO 150, 175, 200,
225, 250 S. San Juan. Five one-
story and basement frame dwlg.
Owner—Walter E. Hansen, 485 Capis-
trano Ave., San Francisco.
Architect—None. \$3000 each

FLATS
(3424) SE CUMBERLAND 230 E. San-
chez. Two-story and basement
frame (2) flats.
Owner—M. A. Assinger, 239 Cumber-
land St., San Francisco.
Architect—Alfred J. Kronquist.
Contractor—Alfred J. Kronquist, 725
Elizabeth St., S. E. \$8000

DWELLING
(3425) NW CHENERY AND MATEO.
1-story and basement frame dwlg.
Owner—Hemmen and Weinman, 544
Market St., S. E.
Architect—Gustave Stahlberg, 544 Mar-
ket St., S. E. \$4000

FLATS
(3426) W. CHURCH 110 N. 20TH. 2-
story and basement frame (2)
flats.
Owner—J. F. Kennedy, 70 Sycamore
St., S. E.
Architect—Jas. F. McGuinness, 144
Commerce Ave., Redwood City.
Contractor—F. J. Reilly, 752 4th Ave.,
San Francisco. \$7000

FLATS
(3427) S. GREENWICH 193-2 W.
Broderick, W. 25 x S. 105. All work
for 2-story frame bldg., flats.
Owner—Melchione Lanzavecchia.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. E.
Filed Aug. 8, 1924. Dated July 24, 1924.
Side and roof sheathing on..... 3250
Brown coated..... 2540
Completed..... 2540
Usual 35 days..... 2540
TOTAL COST, \$10,160
Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

COTTAGE
(3428) W. DELANO AVE. 207-7 1/2 S.
Ocean Ave. All work for 1-story
frame cottage.
Owner—Antonio Garibaldi, 352 De-
lano Ave., S. E.
Architect—None.
Contractor—A. De Benedetti & Son, 22
Cotter St., S. E.
Filed Aug. 8, 1924. Filed Aug. 4, 1924.
Frame up..... \$1150
Mortar on and plumbing in..... 1150

Accepted..... 1150
Usual 35 days..... 1150
TOTAL COST, \$4600
Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

FLATS
(3429) W. SEVENTEENTH AVE 162-6
N. Irving. Two-story and base-
ment frame (6) flats.
Owner—Martha and Bertha Zimmer-
man, 1340 21st Ave., San Francisco.
Architect—None.
Contractor—Arthur H. Klahn, 1334 21st
Ave., San Francisco. \$15,000

STORES
(3430) SE MONTEREY & GENESSEE.
One-story and basement frame
stores.
Owner—Herman Hogrefe, % Architect.
Architect—Edward E. Young, 2002 Cali-
fornia St., S. E. \$12,000

GYMNASIUM
(3431) E. CAPP & TWENTY-FIRST
One-story and basement frame
gymnasium.
Owner—Grace M. E. Church, Premises.
Architect—Chas. F. Strothoff, 2275 15th
St., San Francisco.
Contractor—J. H. Stephenson, 2626 26th
Ave., San Francisco. \$8000

APARTMENTS
(3432) N. JACKSON 100 E. Buchanan
N. 72-8 1/2, E. 3 N. 55 E. 32-8 1/2, E. 3
N. 37-6. Excavation, grading, con-
crete, carpenter, mill, hardware,
sheet metal roofing, plaster, glass
and glazing, marble, etc., for six-
story reinforced concrete apart-
ment building.
Owner—Sidney L. Perser.
Architect—Samuel Lightner Hyman &
A. Appleton, 68 Post St., S. E.
Contractor—F. L. Hansen, 510 Pine St.,
San Francisco.

Filed Aug. 9, '24. Dated Aug. 7, '24.
Mezzanine and 1st floor concrete
poured..... \$10,000
3rd floor concrete poured..... 10,000
5th floor concrete poured..... 10,000
All concrete poured..... 10,300
Ready for lathing..... 10,000
Interior plastering completed 10,000
3 upper floors ready for painter 10,000
Completed and accepted..... 9,875
Usual 35 days..... 26,625
TOTAL COST, \$106,500
Bond, \$53,250. Sureties, E. Sibley
and Ella M. Hansen. Limit, 135 days.
Forfeit, none. Plans and specifications
filed.

UNDERTAKING PARLORS
(3433) SE MARKET AND DUBOCE
Ave. All work for two-story un-
dertaking parlors.
Owner—Gantner Bros., Inc., 424 Guer-
rero St., San Francisco.
Architect—Walter C. Falch, Hearst
Bldg., San Francisco.
Contractor—A. D. Collman & Co., 180
Jessie St., San Francisco.
Filed Aug. 9, '24. Dated Aug. —, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$37,440
Bond, \$18,720. Sureties, Jas. N. Pink-
erton and E. M. Hundley. Limit,
forfeit, none. Plans and specifications
filed.

BUNGALOW
(3434) N. BRUCE AVE 425 E. Harold
Ave E. 25xN. 112-6. Lot 4 Elk C.
Lakeview. All work for one-story
frame bungalow.
Owner—John D. McCarthy, 316 Bush
St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235
Granville Way, San Francisco.
Filed Aug. 9, '24. Dated July 22, '24.
30 days after frame up..... 25%
30 days after brown coated..... 25%
30 days after comp. & accept..... 25%
Usual 35 days..... 25%
TOTAL COST, \$3600
Bond, none. Limit, 90 days. Forfeit,
\$1. Plans and specifications filed.

BUNGALOW
(3435) E. FAXON AVE 225 N. Lake-
view Ave. 25xN. 12-6. Lot 15 Elk
20. Lakeview. All work for one-
story frame bungalow.
Owner—The McCarthy Co., 316 Bush
St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235
Granville Way, San Francisco.

Filed Aug. 9, '24. Dated July 22, '24.
30 days after frame up 25¢
30 days after brown coated 25¢
20 days after comp. & accept. 25¢
Usual 35 days 25¢
TOTAL COST, \$3,000
Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

DWELLINGS
(3436) W THIRTY-FIFTH AVE. 100
125 N Fulton. 2 2-story and basement
frame dwellings.
Owner—Patrick J. Feerick, 808 25th
Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg.,
San Francisco. \$4500 each

FLATS
(3437) N LOMBARD 55 W Franklin.
2-story and basement frame (4)
flats.
Owner—Peder P. Johnsen, 696 McCallist
St., San Francisco.
Architect—None. \$10,000

OFFICES
(3438) NE MONTGOMERY & CALI-
fornia. 2-story brick and concrete
offices.
Owner—Marion L. Lord, Kohl Bldg.,
San Francisco.
Architect—Henry H. Meyers, 1201 Kohl
Bldg., San Francisco.
Contractor—Chadwick and Sykes, Kohl
Bldg., San Francisco. \$26,000

DWELLING
(3439) N MONTEREY BLVD. 25 E
Hamburg. 1-sto. & basement frame
dwelling.
Owner—Anders H. Doe, 750 Joost Ave.
San Francisco.
Architect—None. \$4000

DWELLING
(3440) E EDINBURG 125 N Italy. 1-
story & basement frame dwelling.
Owner—H. W. Schwerin, 2851 Clay St.,
San Francisco.
Architect—None. \$3000

FLATS
(3441) W TWENTY-EIGHTH AVE.
25 50 N Balboa. 2 2-story and base-
ment frame flats (2 flats in each
building).
Owner—Wm. McDonald, 6140 Geary St.,
San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary
St., San Francisco. \$6000 each

DWELLING
(3442) N BEACH 90 W Retiro Way.
Two-story and basement frame
dwelling.
Owner—H. L. Weiss, 5331 Geary St.,
San Francisco.
Architect—Ed. J. Symmes, 1st National
Bank Bldg., San Francisco.
Contractor—Stempel & Cooley, 5331
Geary St., S. F. \$4000

ALTERATIONS
(3443) NO. 244 FOURTEENTH. In-
stall toilet room.
Owner—College of Physicians & Sur-
geons, Premises.
Architect—None.
Contractor—W. W. Blood, 840 Geary
St., San Francisco. \$1400

SYNAGOGUE
(3444) SE ARGUELLO BLVD & LAKE
Concrete synagogogue.
Owner—Congregation, Emanu-El, Ne-
vada Bank Bldg., San Francisco.
Architect—Sylvain Schnaittacher and
Bakewell & Brown, Associated.
Contractor—McDonald & Kahn, 130
Montgomery St., S. F. \$600,000

REPAIRS
(3445) NO. 728 MONTGOMERY. Re-
pair fire damage to offices and
studio.
Owner—H. W. Pierce, Inc., Premises.
Architect—None.
Contractor—George Nimmo, 804 Mont-
gomery St., San Francisco. \$2000

DWELLING
(3446) N MONTEREY BLVD 50 E
Hamburg. One-story and base-
ment frame dwelling.
Owner—Anders H. Doe, 730 Joost Ave.,
San Francisco.
Architect—None. \$1000

RESIDENCE
(3447) E THIRTY-SIXTH AVE 50 S
Clement E 82-6 x S 50. All work
for 2-story and basement frame
residence and garage.

Owner—Roscoe W. & Ann O'Day Mac-
ples, 260 California St., S. F.
Architect—Albert F. Ward, 68
Post St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St.
San Francisco.
Filed Aug. 11, 1924. Dated Aug. 8, 1924
1st each month 75¢
Usual 35 days 25¢
TOTAL COST, \$15,285
Bond, \$7642.50; Sureties, D. W. Her-
rington, Edwin T. Peterson, W. For-
rest, 120 days; Plans and speci-
fications filed.

ADDITIONS ETC.
(3448) NW POST AND POWELL. All
work for 1-story addition and al-
terations to building (club rooms)
Owner—E. W. Hopkins.
Lessee—Argonaut Club, care archt.
Architect—Sylvain Schnaittacher, 233
Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harri-
son St., San Francisco.
Filed Aug. 11, 1924. Dated July 31, 1924
3rd each month 25¢
Usual 35 days 25¢
TOTAL COST, \$99,535
Bond, \$49,768; Sureties, Fidelity and
Deposit Co. of Maryland; Forfeit, \$20;
Limit, Dec. 1, 1924; Plans and speci-
fications filed.

(3449) N WASHINGTON 147-3 E Cher-
ry. 54 x N 27-8 1/2. Vapor heating
installation for 2-story and base-
ment residence.
Owner—Herbert Bauer.
Architect—Alfred H. Jacobs, 110 Sut-
ter St., San Francisco.
Contractor—Chiley Schmid Co. Inc., 198
Otis St., San Francisco.

Filed Aug. 11, 1924. Dated Aug. 7, 1924.
Roughed in \$284.50
Completed and accepted 59.00
Usual 35 days 284.50
TOTAL COST, \$1138
Bond, Forfeit, none; Limit, as required;
Plans and specifications filed.

(3450) PAINTING AND DECORATING
on above.
Contractor—H. C. Wocker, 1370 Sutter
St., San Francisco.
Filed Aug. 11, 1924. Dated Aug. 7, 1924.
Completed and accepted \$1417.50
Usual 35 days 472.50
TOTAL COST, \$1890
Bond, Forfeit, Limit, none; Plans and
specifications filed.

(3451) PLUMBING ON ABOVE.
Contractor—Wm. J. Foster Co.
Filed Aug. 11, 1924. Dated Aug. 7, 1924.
Roughed in \$1164
Completed and accepted 582
Usual 35 days 532
TOTAL COST, \$2228
Bond, \$2228; Sureties, Wm. M. Foster,
Jos. M. Cleary; Forfeit, none; Limit,
as required; Plans and specifications filed

(3452) ALL WORK EXCEPT PLUMB-
ing, painting and vapor heating
on above.
Contractor—Michael & Bomer, 762 De
Haro St., San Francisco.
Filed Aug. 11, 1924. Dated Aug. 7, 1924.
Forms for walls and footings
poured \$2000
Frame and roof boards on and
rustic on 2466
Brown coated 4466
Completed and accepted 4466
Usual 35 days 4466
TOTAL COST, \$17,864
Bond, \$17,864; Sureties, Maryland Cas-
ualty Co.; Forfeit, none; Limit, Jan. 15,
1925; Plans and specifications filed.

(3453) S TWENTY-THIRD 54 E Chat-
taanooga. Two 2-story and basement
frame flats (2 flats in each bldg.)
Owner—Theresa Steinguer, care con-
tractors.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F. \$7000 each

(3454) NW ELLIS & TAYLOR STS.
One-story frame office.
Owner—New York Lubricating Oil Co.,
947 Bryant St., San Francisco.
Architect & Contractor—Michel and
Pfeffer Iron Works, 10th and Harri-
son St., S. F. \$1000

DWELLING
(3455) W FORTY-SEVENTH AVE. 30
60 S Anza. Two 1-story and base-
ment frame dwellings.
Owner—Elliot & Grant, 180 Jessie St.,
San Francisco.
Architect—Milton W. Morrison, 601
42nd Ave., S. F. \$5000 each

ADDITION
(3456) 1224 WEBSTER STREET. Add
Kitchen and 3 rooms in basement
of dwelling.
Owner—George Stefan, 1224 Webster
St., San Francisco.
Architect—J. C. Hadik, Monadnock
Bldg., San Francisco. \$2000

DWELLING
(3457) W ASHTON AVE. 130 N Graf-
ton. 1-story and basement frame
dwelling.
Owner—McCarthy Co., 316 Bush St.,
San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235
Granville Way, S. F. \$3000

DWELLING
(3458) E SAN FERNANDO bet. Mon-
terey Blvd. & Darien Way. 1-story
and basement frame dwelling.
Owner—Geo. F. McNair, 738 10th Ave.,
Oakland.
Plans by owner.
Contractor—D. W. Ross, 180 Jessie St.,
San Francisco. \$6000

DWELLING
(3459) E TWENTY-EIGHTH AVE 209
N Cabrillo. 1-story and basement
frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg
San Francisco.
Architect—None. \$4000

ADDITION
(3460) 5150 THIRD STREET. Second
story addition for flat.
Owner—Lawrence Schibi, 5150 Third
St., San Francisco.
Architect—Thomas Brothers, 225 Mont-
gomery St., San Francisco.
Contractor—J. C. Tomines, 747 Joost
Ave., San Francisco. \$4227

ALTERATIONS
(3461) 1180 VALLEJO STREET. Raise
and make alterations to dwelling.
Owner—Tony Guarante.
Architect—None. \$1000

DWELLING
(3462) NW CAPISTRANO AVE. (cir-
cular corner bet. San Gabriel and
Santa Rosa Avenues). 1-story and
basement frame dwelling.
Owner—Leone Benedetti, 655 Hamp-
shire St., San Francisco.
Architect—None.
Contractor—J. H. Verner, 3251 Army
St., San Francisco. \$4500

DWELLING
(3463) W RHODE ISLAND 325 N 23rd
One-story & basement frame dwlg.
Owner—E. Grace, 1017 Rhode Island
St., San Francisco.
Architect—None. \$3000

DWELLING
(3464) W AVILLA 125 N Chestnut. 1-
story and basement frame dwelling
Owner—Meyer Bros., 1 Montgomery St.
San Francisco.
Architect—None. \$4000

DWELLINGS
(3465) S GRANVILLE 545 570 605 640
675 E Claremont. Five 1-story and
basement frame dwellings.
Owner—Emil Nelson, 55 Alston Way,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000 each

DWELLING
(3466) NW MOSCOW 275 SW Excel-
sior Ave. 1-story and basement
frame dwelling.
Owner—Noak Swanson, 638 Belvedere
St., San Francisco.
Architect—None. \$3000

DWELLING
(3467) E PORTIETH AVE. 100 N Bal-
boa. 1-story and basement frame
dwelling.
Owner—Henry Irving, care contractors
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F. \$3000

DWELLING
(3468) W FITZGERALD 200 S
Hawes, San Francisco. 1-story
frame dwelling.
Owner—Angelo & Maria Giron, 1045
Fitzgerald Ave.
Architect—None. \$1800

FLATS (2)
(3469) N GREENWICH 81 W BROD-
erick, San Francisco. Two 2-story
and basement frame flats.

Owner—W. W. Rednall, 2509 Filbert Street.
Architect—None.
\$9700

DWELLING
(3419) N ALTON AVE 270 W CASTANEDA, San Francisco, 2-story & basement frame dwelling.
Owner—Mrs. C. Stockholm, 819 Monadnock Bldg.
Architect—None.
Contractor—Chas. Stockholm & Sons, 819 Monadnock Bldg.
\$5000

FLATS (6)
(3471) W SCOTT 75, 100, 125, 150, 175, 200 N Chestnut, San Francisco, Six 2-story and basement frame flats (2 of flats in each building).
Owner—Sharlboro - Detjen - Jorgensen, NW Chestnut and Scott Sts.
Architect—None.
\$800 each

BUILDINGS (2)
(3472) S LINCOLN WAY 90 W 26TH AVE., San Francisco, Two bldgs.
Owner—Jas. Arnott & Son, 235 Granville Way.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way.
\$4000 each

DWELLING
(3473) E 26TH AVE 30 S LINCOLN Way, San Francisco, 1-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way.
\$4000

DWELLING
(3474) SE 27TH HAVE & LINCOLN Way, San Francisco, 1-story and basement frame dwelling.
Owner—Jas. A. Arnott, 235 Granville W.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way.
\$4800

DWELLINGS (8)
(3475) E BRIGHTON 200 - 225 - 250 275 N Lakeview and E Brighton Ave, 300 - 325 - 350 - 375 N Lakeview Ave., San Francisco, Eight 1-story and basement frame dwlg.
Owner—Jas. Arnott & Son, 235 Granville Way.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way.
4 at \$3000 ea; 4 at \$4000 ea.

RESIDENCE
(3476) LOT 9, BLK. 3108, Westwood Park, All work except water heater, furnace, plumbing fixture wall paper, light fixtures and cabinet wall beds, for 1-story and basement frame residence.
Owner—Joseph and Lena Ferrari, 202 University Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—G. Carraro, 750 Felton St., San Francisco.
Filed Aug. 12, 1924, Dated Aug. 8, 1924.
Frame up and roof sheathing \$2425
Brown coated 2425
Completed and accepted 2425
Usual 35 days after 2425
TOTAL COST, \$9700

Bond, \$1850. Sureties, Adolph J. Bertucci and A. Balzarini. Forfeit, none. Limit, 90 days. Plans and specifications filed.

AUT. BLDG.
(3477) E SIXTEENTH AVE 218-6 N Cabrillo N 25 x E 110, All work for 2-story and basement frame apartment building.
Owner—C. H. Osterberg and Julia C. Osterberg, 1708 Clement St., S. F.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Aug. 12, 1924, Dated July 10, 1924.
Roof on \$3237
Brown coated 3235
Completed and accepted 3235
Usual 35 days 3235
Bond, Forfeit, none; Limit, 120 days; Plans and specifications filed.

AUT. BLDG.
(3478) W TWENTY-FIFTH AVE 300 California N 25 x W 120, All work for 2-story and basement frame apartment building.

Owner—Cesar & Frank De Martino, 1804 10th Ave., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.

Filed Aug. 12, 1924, Dated July 17, 1924.
Enclosed \$3175
Rough plastered 3175
Completed and accepted 3175
Usual 35 days 3175
TOTAL COST, \$12,700

Bond, none; Forfeit, \$3; Limit, 90 days; Plans and specifications filed.

BUNGALOW
(3479) E THIRTY-NINTH AVE., 72-4 N Geary N 23-8 x E 85, All work for 1-story bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., S. F.

Filed Aug. 12, 1924, Dated July 21, 1924.
Enclosed \$1500
Rough plaster on 1500
Completed 1500
Usual 35 days 1500
TOTAL COST, \$6000

Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

BUNGALOW
(3480) E THIRTY-NINTH AVE. 48-8 N Geary N 23-8 x E 85, All work for 1-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., S. F.

Filed Aug. 12, 1924, Dated July 21, 1924.
Enclosed \$1500
Rough plaster on 1500
Completed 1500
Usual 35 days 1500
TOTAL COST, \$6000

Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

BUNGALOW
(3481) W THIRTY-FIFTH AVE. 50 N Anza N 25 x W 100, All work for 1-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., S. F.

Filed Aug. 12, 1924, Dated July 21, 1924.
Enclosed \$1500
Rough plaster on 1500
Completed 1500
Usual 35 days 1500
TOTAL COST, \$6000

Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

FLATS
(3482) E EIGHTEENTH AVE. 100 S Clement, All work for 2-story flat building.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.

Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., S. F.
Filed Aug. 12, 1924, Dated July 21, 1924.
Enclosed \$3000
Rough plaster on 3000
Completed 3000
Usual 35 days 3000
TOTAL COST, \$12,000

Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

GARAGE
(3483) S TWENTY-FOURTH 60 E Shotwell Two-story concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 785 Market St., S. F.
\$18,000

FACTORY
(3484) N HOWARD 135 W Tenth, Two story concrete factory.
Owner—L. A. Giacobbi & Son.

Contractor—J. H. Haul, 128 Russ St., San Francisco.
Contractor—J. H. Haul, 128 Russ St., San Francisco.
\$16,000

WAREHOUSE
(3485) SW BLUNOME AND FIFTH, Four-story and basement concrete warehouse.
Owner—Brenham Commercial Co., Butler Bldg., San Francisco.
Architect—Ashley & Evers, Holbrook Bldg., San Francisco.
Contractor—J. S. Sampson Co., Monadnock Bldg., S. F.
\$106,000

FRAME FLATS
(3486) W HARRIET 125 S Bryant, Two-story and basement frame (2) flats.
Owner—Onorato Pardini, 978-A Harrison St., San Francisco.
Architect—T. A. Sourich, 625 Market St., San Francisco.
Contractor—Co-Operative Builders, 625 Market St., San Francisco.
\$6000

DWELLING
(3487) W THIRTY-FOURTH AVE 400 N Taraval, One-story and basement frame dwelling.
Owner—Parkside Realty Co., 618 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
\$4000

APARTMENTS
(3488) S BAY 112-6 W Franklin, Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.
Architect—None.
\$20,000

STORES
(3489) S GEARY 28-4 E Twenty-first, One-story frame (2) stores.
Owner—Mathew M. Twomey, 5653 Geary St., San Francisco.
Architect—None.
Contractor—Michael D. Hardiman, 423 38th Ave., San Francisco.
\$4968

APARTMENTS
(3490) N LONON 192-6 W Steiner St., Three-story and basement frame (12) apartments.
Owner—P. Midbust and Ivar Sellmen, 529 Pierce St., San Francisco.
Architect—None.
Contractor—P. Midbust, 529 Pierce St., San Francisco.
\$20,000

FACTORY
(3491) SW ALABAMA AWD TWENTY-first, Two-story concrete factory.
Owner—J. H. Hjul, 128 Russ St., S. F.
Engineer—J. H. Hjul, 128 Russ St., San Francisco.
Contractor—J. H. Hjul, 128 Russ St., San Francisco.
\$20,000

BAKE OVEN
(3492) NO. 500 HAIGHT, Install brick bake oven.
Owner—H. Gawarlick, Premises.
Architect—None.
Contractor—J. P. Glaser, 2480 Union St., San Francisco.
\$1400

FLRTS
(3493) N CALIFORNIA 824 W Sixteenth Ave., Two-story and basement frame (4) flats.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
\$9000

ALTERATIONS
(3494) NO. 635-637 FREDERICK ST, Ra'se; add one-story and rearrange upper stories for apartments.
Owner—Geo. E. Friedhoff.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
\$10,000

NOW READY FOR DELIVERY—
PRIDDE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabricoid Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.
Mail Personal Check to ARTHUR PRIDDE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

ALTERATIONS

(3495) NO. 838 GREENWICH ST. Alter for flats.
Owner—A. & T. Schabigau, 1453 Hyde St., San Francisco.
Architect—None.
Contractor—Bruce & Ash, 1920 Post St., San Francisco. \$1000

ALTERATIONS

(3496) 2075 MISSION, E. Mission, 100 N 17th, N 25 x E 210, M. B. 41. All work for alterations and addition to building.
Owner—Sophia and Jacob Kauffman, 3332 17th St., S. F.
Architect—None.
Contractor—H. H. Larsen Co., Monadnock Bldg., S. F.
Filed Aug. 13, 1924. Dated Aug. 13, 1924. 1st and 15th each month. 75%
Usual 35 days. TOTAL COST, \$37,675
Bond, \$18,837. Sureties, F. H. Martell and H. N. Mc Lure. Forfeit, none.
Limit, 140 days. Plans and specifications filed.

FLATS

(3497) S BAY 98-9 E Gough, S 137-6 x E 28-4. All work for 2-story and basement frame flat bldg.
Owner—T. O'Brien, 888 Dolores St., San Francisco.
Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—J. H. Pereira, 1430 19th Ave., S. F.
Filed Aug. 13, 1924. Dated Aug. 4, 1924. Rustic oak roof sheathed. \$3325
Brown coated. 3325
Completed and accepted. 3325
Usual 35 days. TOTAL COST, \$13,300
Bond, \$6650. Sureties, C. Reinhardt and H. L. Reinhardt. Forfeit, \$10.00 per day. Limit, 90 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded
Aug. 1, 1924—W STANYAN Accepted
Parnassus Ave 46x111-6. John C Thieden to Joel Johnson & Son. August 1, 1924
Aug. 6, 1924—W MISSION 112-9 N Twenty-second S 112-9 W 125 N 36-10 W 125 W 59-5 E 250-7 to W Mission. O'Brien Kirenan Invest Co & Wm H Woodfield Jr to Kiernan & O'Brien. August 8, 1924
Aug. 6, 1924—N SACRAMENTO 102-84. Anna Fishel to H O Lindemann. July 29, '24
Aug. 6, 1924—N SACRAMENTO 60-6 W Cherry 25xN 102-84. Anna Fishel to H O Lindemann. July 29, '24
Aug. 6, 1924—NW HOLLOWAY AVE and Plymouth Ave W 50x100. Dennie A O'Connell to W French. August 8, 1924
Aug. 6, 1924—W FORTY-SEVENTH Ave 75 N California E 70xN 25; W 28th Ave 50 N California E 70x N 25. Lillie L Dayton to A M Hardy. August 8, 1924
Aug. 6, 1924—S CHESTNUT 80 E Buchanan E 32-6xS 120. Andrew J Holmes to J C Thomas. Aug. 5, 1924
Aug. 6, 1924—E BRIGHTON AVE 179-6 S Octave E 82-9 W 12-6 Meyer Bros to whom it may concern. Aug. 4, 1924
Aug. 6, 1924—S BAY 75 E Franklin E 25xS 137-6. Rose Crislar to Wm Costello. August 8, 1924
Aug. 6, 1924—W FORTY-FIFTH AVE 270 N Balboa 30x120. J O England and M Little to Mose Little and Herman Christensen. Aug. 5, 1924
Aug. 6, 1924—W FORTY-FIFTH AVE 124 N Cabrillo. W F Klein to S R Anderson. August 8, 1924
Aug. 7, 1924—E STOCKTON 97-6 S Chestnut 25xN 137-6. Angelina Falconi to Paul De Martin. August 1, 1924
Aug. 7, 1924—E THIRTY-FIRST AVE 150 and 175 S Taraval S 25xN 120. G W Rawls to McCaul & Weber. August 1, 1924
Aug. 7, 1924—NW LISBON 200 SW Italy Ave 25x100. Gus Johnson to whom it may concern. Aug. 6, 1924
Aug. 7, 1924—NE FLORENTINE ST SE Mission 25x90. George W Witbeck to whom it may concern. August 7, 1924
Aug. 7, 1924—E TWENTY-FIFTH Ave 150 S Lincoln Way S 25x120.

J. W. Barton to whom it may concern. August 6, 1924
Aug. 7, 1924—E TWENTY-FIFTH Ave 175 S Lincoln Way S 25x120. J. W. Barton to whom it may concern. August 6, 1924
Aug. 7, 1924—536 GERARD STREET. Jeremiah J. Shea to F. Hanna. August 7, 1924
Aug. 7, 1924—W GOUGH 137-6 N Chestnut N 25 x W 137-6. Luisa C. Heronio to John Harder. August 6, 1924
Aug. 7, 1924—W SEVENTEENTH Ave 25 S Balboa S 25 x W 60. John & Lena Valren to Peter M. Krogh. August 6, 1924
Aug. 7, 1924—LOTS 23 & 24 BLK 648. A J Harder & Daniels Mission Tract. Victor Holmgren to whom it may concern. August 2, 1924
Aug. 8, 1924—LOT 12 BLK 2. Westgate Park Co to Henry Papenhausen. August 6, 1924
Aug. 8, 1924—SW BEACH & GRANT Ave W 275xS 137-6. Elevator Co to James A Nelson. August 4, 1924
Aug. 8, 1924—N FRANCISCO 45-10 W Grant Ave W 63-9xN 34-4. Jennie Kastle to K Gaudner and John Miron. August 4, 1924
Aug. 8, 1924—E HOWARD 195 S Twenty-fifth S 25x115. P J and Margaret McVeigh to Dan E Ulrich. August 6, 1924
Aug. 8, 1924—NW BATTERY AND Sacramento W 275 N 119-6 E 275 S 119-6. Federal Reserve Bank of S. F. to J G Williams. August 6, 1924
Aug. 8, 1924—E 29th BLK 18 Mission Terrace 175 SW San Juan Ave on Delano Ave 25x181. Einar A Olsen to whom it may concern. August 6, 1924
Aug. 8, 1924—W FORTY-FOURTH Ave 150 S Irving S 50xW 120. David Leigh to whom it may concern. August 8, 1924
Aug. 8, 1924—W FORTY-FOURTH Ave 200 S Irving S 50xW 120. Gustave Moeller to whom it may concern. August 8, 1924
Aug. 8, 1924—W EIGHTH AVE 20 N Ortega 25x120. Charles E. and Julia S Erickson to whom it may concern. August 8, 1924
Aug. 8, 1924—BLK DBED BY BRYANT, Brannan, First and Fremont. Southern Pacific Co to Standard Southern Co. June 1, 1924
Aug. 8, 1924—S JERSEY 165 E Church E 25-6x114. W Kelly to E Wiander. August 5, 1924
Aug. 8, 1924—N PARK 40 E 25xN 125 Lot 6 Blk M R R Hd Assn. J A and Margaret Look to whom it may concern. August 8, 1924
Aug. 8, 1924—E DUDMAN 10th Sophie Johe to Joel Johnson & Son. August 1, 1924
Aug. 9, 1924—SE CLINTON PARK & Valencia 50 on Valencia and 180 on Clinton Park. J J Tobin to J J Leibert. August 7, 1924
Aug. 9, 1924—N FULTON 82-6 W Twenty-fourth Ave W 25xN 100. Patrick J Ferlich to whom it may concern. August 6, 1924
Aug. 9, 1924—E LEE 37-6 S Clifton Ave S 25x E 112-6 Lot 1 Blk D. Lakeview. The McCarthy Co to James Arnott & Son. August 7, 1924
Aug. 9, 1924—E FAXON AVE 275 N Lakeview Ave N 25x E 112-6 Lot 17 Blk 6451. Crocker Amazon Tract Sub. 2. Crocker Estate Co to James Arnott & Son. August 5, 1924
Aug. 9, 1924—SE DIVISADERO AND Clay 106-3xS 127-84 W 25 N 25 W 81-3 W 102-84. Sixth Church of Christ Scientists, Corp. to Geo S MacGruer and Robert M Simpson (as MacGruer & Simpson). August 1, 1924
Aug. 9, 1924—W CORDOVA 175 S Winding Way S 25xW 100 Ptn Lot 11 Blk 6451. Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. July 31, 1924
Aug. 9, 1924—W CORDOVA 150 S Winding Way S 25xW 100 Ptn Lots 10 & 11 Blk 6451. Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. July 31, '24
Aug. 9, 1924—W CORDOVA 100 S Winding Way S 25xW 100 Ptn Lot 5 Blk 6451. Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. August 2, 1924

Aug. 9, 1924—LOT 15 BLK 6452 Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. August 2, 1924
Aug. 9, 1924—LOT 18 BLK 6452 Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. August 5, 1924
Aug. 9, 1924—LOT 19 BLK 6450 Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. July 31, 1924
Aug. 9, 1924—LOT 19 BLK 6450 Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. August 5, 1924
Aug. 9, 1924—W CORDOVA 200 S Winding Way S 25xW 100 Ptn Lot 12 Blk 6451. Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. July 31, 1924
Aug. 9, 1924—LOT 22 BLK 6452. Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern. August 5, 1924
Aug. 11, 1924—N SEVENTEENTH 30 W Capp W 25xN 100. Charles W Hunt to John Bolman. Aug. 8, 1924
Aug. 11, 1924—E HOWARD 27 W Franklin 27-6x100. Alex Savio to J H Verner. August 9, 1924
Aug. 11, 1924—E HOWARD 195 S 5th S 25xN 115. Patrick J and Margaret McVeigh to whom it may concern. August 5, 1924
Aug. 11, 1924—NW SIXTEENTH & Valencia. The Mission Savings Bk Inc. to C J Hillard Co. Aug. 6, 1924
Aug. 11, 1924—W JACKSON AVE 100x100 99 Ptn Lot 56 and all Lots 27, 30 and 31 Blk 21, Sunnyside. R Mohr to James Arnott & Son. August 4, 1924
Aug. 9, 1924—E TWENTY-FIFTH AVE 200 N Ulloa No 2462 27th Ave. A K and E M Seibel to A L Campbell & Bro. August 7, 1924
Aug. 9, 1924—E TWENTY-NINTH AV 250 and 350 S Irving S 25x120. E 29th Ave 200 N Judan N 25x120. H B Bernhardt to whom it may concern. August 8, 1924
Aug. 9, 1924—E FRANKLIN 27-6 S Chestnut S 25x100. Weissman to whom it may concern. August 8, 1924
Aug. 9, 1924—E TWENTY-FIRST AV 175 S Irving S 25x120. Westre & Larsen to whom it may concern. August 12, 1924
Aug. 11, 1924—LOT 12 BLK 10 St. Francis Wood Extn No. 1. H C and W J. Mangels to whom it may concern. August 11, 1924
Aug. 12, 1924—E THIRTY-SIXTH AVE S 30x Brillo S 50xW 82-6 W 36th Ave 325 N Fulton N 50xW 120. W V Hollingbert Jr to A M Hardy. August 11, 1924
Aug. 12, 1924—E GERRER 80 E Guerrero S 25xW 80. M Crocker, Gertrude and Selma Crocker to Charles J W Koenig. Aug. 11, 1924
Aug. 12, 1924—S NORWICH 27-6 W Harrison W 27-6xS 80. Charles W Greene to whom it may concern. August 12, 1924
Aug. 12, 1924—N TWENTY-FOURTH 255 E Castro E 50xN 114. Joseph Pasqualetti to whom it may concern. August 12, 1924
Aug. 12, 1924—E FORTY-SIXTH AVE 225 and 220 N Balboa 25x120 each. Moses Little to whom it may concern. August 12, 1924
Aug. 12, 1924—N FELIX 31-6 W CLAYton 25 x 100. Joseph M. Etienne to A. R. Larson. August 11, 1924
Aug. 12, 1924—S DE MONTFORD 50 E Capitol Ave E 50xW 120. Hestray to Wm R May concern. August 12, 1924
Aug. 12, 1924—LOT 11 BLK 3107 MAP Westwood Park. Northern Supply Co. to W. D. Henderson. Aug. 7, 1924
Aug. 12, 1924—S CARROLL 53-0-4-12 W 8th Ave 26-0-3-12 x 100. Joseph J Barrett to whom it may concern. August 12, 1924

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 11, 1924—E THIRD AVE 135 S Irving S 25xN 120. Western Invest Co and Chas E Stuhls as to improvements on property. August 12, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Aug. 9, 1924—S. CALIFORNIA 143-9	
W. Jones W 34-688 147-6 124 Swift	
vs Chris and Mary Petersen and T. Lander	\$305.25
Aug. 9, 1924—W THIRTY-FIFTH AV	
200 S. Caballo W 120N8 25. North	
Beach Auto Hauling Co vs Thos J	
Shanmness	\$100
Aug. 9, 1924—W THIRTY-FIFTH AV	
200 S. Caballo W 120N8 25. North	
Beach Auto Hauling Co vs James	
J. Barry	\$100
Aug. 8, 1924—S. E. 370 S. FILL	
137-6 E. Pierce E 35-288 137-6	
W 55-2 Jas E Lennon Lime &	
Cement Co vs Edith A. Schindler	\$439.60
Aug. 8, 1924—E. STEINER 62-5 S FIL	
107-5 S. Mendel S 25x100 H. J. Beech	
& Planning Mill Co vs Henry S and	
Elizabeth Fittige and W E Schuetz	\$892.40
Aug. 7, 1924—949 MARKET ST. Gns	
Long Tile Co vs A. M. Hardy and	
New York and S. F. Amusement Co.	\$272.67
Aug. 5, 1924—NW O'FARRELL AND	
Shannon W 98N 112-6 S. Charles	
Carlo vs Fifth Church of Christ	
Scientist and John Morton. \$1,116.50	
Aug. 5, 1924—E TWENTY-SIXTH AV	
175 N Ulloa N 25x120. Ginsberg	
Tile Co vs J. M. Leneich	\$25.35
Aug. 1, 1924—W ARCH 148-5 S	
Holloway S 33-4xW 100. Spring	
Valley Lumber Yard to R Swend-	
son	\$468.07
Aug. 1, 1924—S NEWCOMB AVE 100	
S Mendel S 25x100 H. J. Beech	
and P J Ratto vs Emma E Pontet. \$40	
Aug. 11, 1924—E THIRTY-EIGHTH	
Ave 250 S Lincoln Way S 25x120.	
T. W. Copnick vs St. Francis Realty	
Co	\$312
Aug. 11, 1924—S BDY original Miranda	
Grant and W Lyon W 92.07 N	
277.97 E 57-9 S 279.84. Conrad E	
Sovig vs Carlo Matralia. Aug. 11, 1924	
Headman and R A Wilson.... \$811.68	

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4105	Nelson	Owner	6000
4106	Brook	Hayden	2900
4107	Hall	Porter	8000
4108	Larmer	Owner	3500
4109	Duval	Owner	18450
4110	Nelson	Owner	2000
4111	Lapham	Owner	8000
4112	Glazier	Owner	2500
4113	Wise	Owner	1900
4114	Chicago	Nordstrom	20900
4115	Hock	Gaubert	1400
4116	Monezz	Applewhite	3700
4117	Dilling	Connor	3000
4118	Garrett	Wesco	1280
4119	Wickham	MacGregor	3800
4120	Chanquet	Hamblenton	1250
4121	Willing	Fraser	1000
4122	Bartlett	Owner	3850
4123	Wallace	Anderson	13000
4124	Junior	Watts	4300
4125	Clark	Maurer	10500
4126	City	Faulkes	1500
4127	Daggett	Hansen	12000
4128	Newman	Johnson	2000
4129	Frederickson	Owner	4000
4130	Gibson	Owner	4000
4131	Halbert	Owner	4500
4132	Miehe	Marshall	1300
4133	Garrett	Owner	2000
4134	Stolte	Owner	3250
4135	Whitehouse	Owner	4000
4136	Blackburn	Older	7500
4137	Board	Jensen	4550
4138	Capwell	Muller	90000
4139	Deegan	Owner	3500
4140	Leonard	Owner	18000
4141	White	White	9000
4142	City	Faulkes	3000
4143	City	Faulkes	1500
4144	City	Faulkes	1500
4145	City	Faulkes	1500
4146	City	Faulkes	1500
4147	City	Olson	103328
4148	Taylor	Owner	9000
4149	City	Faulkes	1500
4150	Henshall	Collins	3960
4151	Bloom	Flittner	3500
4152	Figge	Davis	3000
4153	Zeppernick	Johnson	3750

4154	Pedersen	Stolte	1000
4155	Mason	Lewis	1600
4156	Harde	California	10000
4157	Merriman	Owner	3500
4158	Courtney	Proding	2800
4159	Bell	Owner	3000
4160	Andersen	Casey	2000
4161	Bloom	Flittner	3500
4162	Espejo	Owner	2000
4163	Nesbitt	Owner	1000
4164	Sandokar	Owner	1000
4165	Haris	Merritt	13000
4166	Mansfield	Carlson	7500
4167	Arndt	Owner	2200
4168	Jennings	Lea	2000
4169	First	10th	15000
4170	Kalsky	Roth	9500
4171	Noble	Owner	5000
4172	Fowler	Henderson	5000
4173	Williams	Lyon	5000
4174	Gubanski	Owner	3000
4175	Davis	Coffee	3000
4176	Peak	Henderson	6000
4177	Smith	Henderson	6500
4178	Coit	Owner	18000
4179	Cary	Owner	100000
4180	Bowman	Owner	2500
4181	Hartzell	Kulehar	1000
4182	Wassner	Jensen	4800
4183	Rollins	Burton	3000
4184	Fish	Owner	1800
4185	Smith	Owner	5350
4186	Smith	Owner	2000
4187	Wassner	Peckin	1000
4188	Wassner	Barry	4000
4189	DeFerrari	Owner	1250
4190	Reichner	Niska	7500
4191	Valtakki	Alfior	3400
4192	Baldwin	Cherryman	1200
4193	Collaret	Owner	4000
4194	Mattison	Owner	3500
4195	Adams	Russell	3000
4196	Illinois	Bender	1558
4197	Marston	Johnson	1250
4198	Alameda	Owner	12000
4199	Maxian	Davis	2500
4200	Hawke	Patterson	4000
4201	Klingbiel	White	1400
4202	Tolen	Hansen	7300
4203	Wassner	Hildebrand	19100
4204	Vierria	Owner	4000
4205	Roebert	Wilson	2900
4206	P. & M.	Green	1500
4207	Walker	Owner	5000
4208	Cameron	Owner	3000
4209	Cameron	Owner	6000
4210	Anderson	Owner	3000
4211	White	Kulchar	2800
4212	Agrella	Owner	3000
4213	Castro	Teil	3650
4214	Hennessey	Fennelly	4250
4215	Nor	Johnson	1920
4216	Smith	Anderson	2000
4217	Klingman	Owner	5000
4218	Hausser	Owner	5000
4219	Ekstam	Owner	6200
4220	Wilkins	Rose	1900
4221	Haskell	Owner	1800
4222	Board	Jensen	2400
4223	Board	McCullough	7000
4224	Mero	Sultgrove	9120
4225	Levy	Knight	15500
4226	Fox	Owner	2900
4227	Shepherd	Fox	5000
4228	Stover	Allen	1200
4229	Warford	Ingram	5000
4230	Carpenter	Owner	3000
4231	Bettencourt	Owner	2500
4232	Moore	Owner	2500
4233	Breden	Schulz	1500
4234	Silva	Conser	3150
4235	Cross	Owner	3500
4236	Jacobson	Owner	3000
4237	Wright	Owner	1500
4238	Milward	Owner	4600
4239	Scott	Power	5000
4240	Hynes	Wilson	2000
4241	Lancaster	Reed	6000
4242	Anderson	Flittner	3300
4243	Madewell	Owner	6000

(4105) 500 BLOCK SANTA CLARA	
Ave. Alameda. 2 1-story 5-room	
dwellings.	
Owner—A. Nelson, 1219 Central Ave.,	
Alameda.	
Architect—None.	\$3000 each
(4106) 2216 LINCOLN AVE., Alameda.	
Alterations.	
Owner—Peter Brock, 2216 Lincoln Ave	
Alameda.	
Architect—None.	\$2000

DWELLING	
(4107) 1501 LE ROY, Berkeley. Dwel-	
ling.	
Owner—E. E. Hall, 2523 Wheeler, Ber-	
keley.	
Architect—None.	
Contractor—H. H. Porter, 833 Oxford	\$8000
Berkeley.	

DWELLING	
(4108) 2234 STUART, Berkeley.	
Dwelling.	
Owner—E. Farmer, 90 Fairview Ave.,	
Piedmont.	
Architect—None.	\$3500
APARTMENTS	
(4109) SW COR. THIRTY-EIGHTH &	
Webster Sts., Oakland. 2-story 23	
room apartments, stores and ga-	
rages.	
Owner—Phillipe Duval, 586 Kenwyn	
Road, Oakland.	
Architect—None.	\$18,450
DWELLING	
(4110) S E-FIFTEENTH ST., 60 E	
3rd Ave., Oakland. 1-story 4-room	
dwelling.	
Owner—Oscar Nelson, 303 E-12th St.,	
Oakland.	
Architect—None.	\$3000
DWELLING	
(4111) E WARFIELD AVE., 40 N	
Weldon St., Oakland. 1-story 8-	
room dwelling.	
Owner—A. E. Lapham, 6311 Geary St.,	
San Francisco.	
Architect—None.	\$8000
DWELLING	
(4112) S GLENWOOD GLADE, 1000 S	
Broadway Terrace, Oakland. 1-	
story 5-room dwelling.	
Owner—A. E. Glazier, 55 Glenwood	
Glade, Oakland.	
Architect—None.	\$2500
DWELLING	
(4113) W SEVENTY-NINTH AVE., 925	
S Hillside St., Oakland. 1-story 4-	
room dwelling.	
Owner—M. F. Wise, 2242 68th Ave.,	
Oakland.	
Architect—None.	\$1900
MILL, WAREHOUSE	
(4114) W SIXTY-EIGHTH AVE., opp.	
Spencer St., Oakland. 1-story plan-	
ing mill and warehouse.	
Owner—Chicago Lumber Co. of Wash-	
ington, Hearst Bldg., S. F.	
Architect—None.	
Contractor—David Nordstrom, 4146	
Emerald St., Oakland.	\$20,000
ALTERATIONS	
(4115) 3212 MARKET ST., Oakland.	
Alterations.	
Owner—C. Hock, 3212 Market St., Oak-	
land.	
Architect—None.	
Contractor—N. Gaubert, 4735 Brook-	
dale Ave., Oakland.	\$1400
DWELLING	
(4116) SW COR. MONTANA ST. AND	
Adell Court, Oakland. 1-story 5-	
room dwelling and garage.	
Owner—C. H. Monez, 1427 E-32nd St.,	
Oakland.	
Architect—None.	
Contractor—W. C. Applewhite, 1017	
Linden St., Oakland.	\$3700
DWELLING	
(4117) W ADELL COURT, 120 S Monta-	
na St., Oakland. 1-story 5-room	
dwelling.	
Owner—Walter Dilling, 2530 San Fab-	
lo Ave., Oakland.	
Architect—None.	
Contractor—Roy Conner, 2848 Hopkins	
St., Oakland.	\$3000
INCINERATOR	
(4118) SE COR. E-FOURTEENTH ST.	
and 69th Ave., Oakland. Steel and	
brick incinerator.	
Owner—Garrett Lumber Co., 351 12th	
St., Oakland.	
Architect—None.	
Contractor—Wesco Blower & Pipe Co.,	
1739 E-14th St., Oakland.	\$1280
DWELLING	
(4119) S THORN RD., 690 E Pine-	
haven Rd., Oakland. 1-story 3-	
room dwelling.	
Owner—Wickham Havens Inc., 1510	
Franklin St., Oakland.	
Architect—None.	
Contractor—C. M. MacGregor, 470 13th	
St., Oakland.	\$3800
FIRE REPAIRS	
(4120) 713 WASHINGTON ST., Oak-	
land. Fire repairs.	
Owner—P. Chanquet, 1714 Telegraph	
Ave., Oakland.	
Architect—None.	
Contractor—Fred Hamblenton, 3737 13th	
Ave., Oakland.	\$1250

ALTERATIONS

(4121) 732 GRAND AVENUE, Oakland. Alterations.
Owner—Willing & Mixer, 722 Grand Ave., Oakland.
Architect—None.
Contractor—Fraser Mill & Mfg. Co., 19th and Union Sts., Oakland. \$1000

DWELLING

(4122) S E-TWENTY-SEVENTH ST., 120 W 22nd Ave., Oakland. 1-story 7-room dwelling.
Owner—Thos. J. Bartlett, 3001 Galindo St., Oakland.
Architect—None. \$3850

RESIDENCE

(4123) POR. LOTS 5 AND 16, BLK. A, San Louis Court, Berkeley. General construction 2-story frame residence.
Owner—C. E. Wallace, 833 Curtis, Berkeley.
Architect—S. G. Jackson.
Contractor—J. P. and Edward Anderson, (Anderson & Anderson), Albany, Calif.

Filed Aug. 7, 1924. Dated Aug. 2, 1924.
Roof frame up \$3250
Brown coated 32.40
Completed 3250
Usual 35 days 3250
TOTAL COST, \$13,000
Bond, yes. Sureties, C. A. Johnston, Forfeit, none. Limit, 90 working days from Aug. 4, 1924. Plans and specifications filed.

HEATING, ETC.

(4124) LOT 25 AND POR. LOTS 21, 24, 25, 28, 29 and 30, Map of Madison Square, Elmhurst, Alameda Co. Heating and ventilating equipment, theatre and store bldg.
Owner—Junior Monarch Hay Press Co., San Leandro, Calif.
Architect—A. W. Cornelius, 909 Merchants Exchange Bldg., S. F.
Contractor—Charles R. Watts, 1413 Arch St., Berkeley.

Filed Aug. 7, 1924. Dated Aug. 5, 1924.
1st of each month, of labor and materials incorporated 75%
Usual 35 days 34300
TOTAL COST, \$43,800

Bond, yes. Sureties, Fred L. Holbrook and John W. Hottas. Forfeit, none. Limit, 50 days after Aug. 5, 1924. Plans and specifications filed.

DWELLING

(4125) 1435 HAWTHORNE TERR., Berkeley. Dwelling.
Owner—W. B. Clark.
Architect—J. H. Thomas, Merc. Trust Berkeley.
Contractor—Geo. J. Maurer Co., 177 Ridgeway Ave., Oakland. \$10,500

SCHOOL

(4126) EAST FOURTEENTH ST. AND 66th Ave., Oakland. 1-story school.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 East 14th St., Oakland. \$1500

DWELLING

(4127) 1425 HAWTHORNE TERRACE Berkeley. Dwelling.
Owner—L. & C. Daggett, 1427 Hawthorne, Berkeley.
Architect—J. H. Thomas, Merc. Trust Bldg., Berkeley.
Contractor—Louis O. Hanson, 1409 Bonita, Berkeley. \$12,000

ALTERATIONS

(4128) 670 SIXTIETH ST., Oakland. Alterations and addition.
Owner—A. Newman, 670 60th St., Oakland.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. \$2900

DWELLING

(4129) 4036 ELSTON AVE., Oakland. 1-story 6-room dwelling.
Owner—Karl S. Frederickson, 16 Bonita Ave., Piedmont.
Architect—None. \$4000

DWELLING

(4130) E TWENTY-NINTH AVE. 160 N E-18th St., Oakland. 1-story 5-room dwelling.
Owner—A. Gibson, 1845 9th Ave., Oakland.
Architect—None. \$4000

DWELLING

(4131) E SIXTY-FIFTH AVE., 320 S Arthur St., Oakland. 1-story 6-room tile dwelling and garage.
Owner—Albert Halbert, 9580 Thermal Ave., Oakland.
Architect—None. \$1500

SERVICE STATION

(4132) SE COR. FRUITVALE AVE. and E-12th St., Oakland. 1-story brick service and comfort stations.
Owner—Ernest Miche, 1725 Webster St., Oakland.
Architect—None.
Contractor—Marshall & Burks, 1725 Webster St., Oakland. \$1300

SHED

(4133) NW COR. SIXTY-NINTH AVE. and E-14th St., Oakland. 1-story lumber shed.
Owner—Garrett Lumber Co., 6801 E-14th St., Oakland.
Architect—None. \$2000

DWELLING

(4134) S SYLVAN AVE. 275 E Maple Ave., Oakland. 1-story 5-room dwelling.
Owner—C. C. Stolte, 3455 Laguna Ave., Oakland.
Architect—None. \$3250

DWELLING

(4135) NW COR. ELSTON AVE. AND E-38th St., Oakland. 1-story 6-room dwelling.
Owner—J. F. Whitehouse, 124 Moraga Ave., Piedmont.
Architect—None. \$1000

DWELLING

(4136) W PORTAL AVE. 240 E Wawona Ave., Oakland. 1-story 7-room dwelling.
Owner—Leslie A. Blackburn, 724 Wesley, Oakland.
Architect—None.
Contractor—Alder & Clark, 2907 Florida St., Oakland. \$7500

LECTURE HALL

(4137) W SIXTY-FOURTH AVE. 100 N Brann St., Oakland. 1-story lecture hall.
Owner—The Board of Control California Concordia College.
Architect—None.
Contractor—Jensen & Pedersen, 3413 Adeline St., Oakland. \$4500

STORE BLDG.

(4138) N FIFTEENTH ST. 125 N Broadway, Oakland. 3-story concrete store bldg.
Owner—H. C. Capwell, 14th and Clay Sts., Oakland.
Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$90,000

DWELLING

(4139) 2460 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling

Owner—Win. A. Deegen, 2055 Santa Clara Ave., Oakland.
Architect—None. \$3500

APARTMENTS

(4140) S EXCELSIOR AVE., 295 W Beacon St., Oakland. 3-story 18 room apartments.
Owner—E. E. Leonard, 1429 Franklin St., Oakland.
Architect—None. \$18,000

FLATS

(4141) N SUNNYSLOPE AVE., 125 W Grand Ave., Oakland. 2-story 10 room flats.
Owner—Anna L. White, 939 Grove St., Oakland.
Architect—None.
Contractor—T. A. White, 939 Grove St., Oakland. \$9000

SCHOOLS

(4142) NINTY-EIGHTH AVE. AND Plymouth St., Oakland. Two 1-story schools.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. \$3000

(4143) TWENTY-EIGHTH AND WEST Sts., Oakland. 1-story school.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. \$1500

(4144) COR. SHAFTER AND COLLEGE Aves., Oakland. 1-story school.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. \$1500

SCHOOLS

(4145) E-FOURTEENTH ST. AND 66th Ave., Oakland. Two 1-story schools.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. \$1500

SCHOOL

(4146) BOSTON AND SCHOOL STS., Oakland. 1-story school.
Owner—City of Oakland.
Architect—None.
Contractor—John R. Faulkes, 9828 E-14th St., Oakland. \$1500

SCHOOL

(4147) E-SEVENTEENTH ST. AND 29th Ave., Oakland. 2-story brick and concrete school.
Owner—City of Oakland.
Architect—None.
Contractor—Alfred Olsen, 631 Viona Ave., Oakland. \$103,328

DWELLINGS

(4148) N FORTY-FOURTH ST., 450, 480, 520 W Market St., Oakland. Three 1-story 5-room dwellings.
Owner—G. Taylor, 455 Mountain Ave., Piedmont.
Architect—None. \$3000 each.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 19th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere School
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

SCHOOL.
(1140) 1641 D AVE., Stoneman School.
Oakland. 1-story school.
Owner—City of Oakland.
Architect—None.
Contractor—L. R. Fausch, 3828 E 11th St., Oakland. \$1500

WELLING.
(1141) COM AT A PT ON S W LINE of 9th Ave 160 NE from boundary line of the Town of Clinton, thence N 50 NW 120 SW 40 SE 120 to pt of beginning, Oakland. No work for 1-story frame dwelling and garage.
Owner—Dorothy L. and Jack J. Bloom, 2046 8th Ave., Oakland.
Architect—Jos. Fittner, 1700 35th Ave., Oakland.
Contractor—Jos. Fittner, 1700 35th Ave., Oakland.
Filed Aug. 7, 1924. Dated Aug. 5, 1924.
Frame up \$375
1st coat plaster 875
Completed and accepted 875
Usual 35 days 875
TOTAL COST, \$3500
Bond, none; Forfeit, \$1 day; Limit, 90 working days; Plans and specifications filed.

OTTAGE.
(1152) 2632 BENVENUE AVE., Berkeley. All work for 1-story 3-room rear cottage and double garage.
Owner—John A. and May Dexter Henshall, 1406 P St., Sacramento.
Architect—Hutchison & Mills, 1214 Webster St., Oakland.
Contractor—E. K. Collins, 740 Walker, Oakland.
Filed Aug. 7, 1924. Dated Aug. 1, 1924.
Frame up \$990
Brown coated 990
Completed and accepted 990
Usual 35 days 990
TOTAL COST, \$3960
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

DWELLING.
(1152) 3015 MOUND ST., Alameda. One-story 5-room dwelling.
Owner—Irene Elgie, 3232 Bay Vista Ave., Alameda.
Architect—None.
Contractor—H. M. Davis, 1247 Pease Ave., Alameda. \$3000

DWELLING.
(1153) NO. 1124 DERBY ST., Berkeley. Dwelling.
Owner—A. E. Zeppernick, 1337 2nd St., Berkeley.
Architect—None.
Contractor—Albert N. Johnson, 1727 Stuart St., Berkeley. \$3750

ALTERATIONS.
(1154) NO. 125 HILLOREST ST., Berkeley. Alterations.
Owner—Mrs. Pedersen, Premises.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland. \$1000

APARTMENTS.
(1155) W WAYNE AVE 2275 N Athol Ave., Oakland. Two-story 16-room apartments.
Owner—Sophie Mason, 1572 Alice St., Oakland.
Architect—None.
Contractor—W. O. Lewis Co., Bacon Bldg., Oakland. \$17,633

APARTMENTS.
(1156) SE PARK BLVD. AND E-28th St., Oakland. Two and three-story 38-room apartments.
Owner—Elizabeth M. Harde, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders Co., 1635 Franklin St., Oka. \$15,000

DWELLING.
(1157) N AVENAL AVE 218 E Seminary Ave., Oakland. One-story 8-room 2-family dwelling.
Owner—Jas. Merriman, 2063 64th Ave., Oakland.
Architect—None. \$5500

DWELLING.
(1158) NO. 2325 FOURTEENTH AVE., Oakland. One-story 5-room dwlg.
Owner—M. J. Courtney, 1740 Franklin St., Oakland.
Architect—None.
Contractor—O. M. Frohing, 1740 Franklin St., Oakland. \$2800

DWELLING.
(1159) N SIXTIETH 190 W Shattuck Ave., Oakland. One-story 3-room dwelling.
Owner—E. B. Bell, 228 Post St., S. F.
Architect—None. \$3000

DWELLING.
(1160) NO. 3728 REDFING, Oakland. One-story 1-room dwelling.
Owner—Harold Anderson, 3005 Marsh Ave., Oakland.
Architect—None.
Contractor—James Casey, 3808 Alameda Ave., Oakland. \$2000

DWELLING.
(1161) W NINTH AVE 150 S E-24th St., Oakland. One-story 1-room dwelling and garage.
Owner—Jack J. Bloom, 2046 8th Ave., Oakland.
Architect—None.
Contractor—Jos. Fittner, 1700 35th Ave., Oakland. \$2500

ALTERATIONS.
(1162) NO. 3711 CHABOT ROAD, Oakland. Alterations and additions.
Owner—J. C. Esposito, Premises.
Architect—None. \$2000

DWELLING.
(1163) NO. 6801 BECK ST., Oakland. One-story 5-room dwelling.
Owner—P. A. Newby, 2263 Auseon Ave., Oakland.
Architect—None. \$1000

DWELLING.
(1164) NO. 1434 FORTIETH AVE., Oakland. One-story 3-room dwlg.
Owner—J. Samoukar, 1124 40th Ave., Oakland.
Architect—None. \$1000

DWELLING.
(1165) SAN LUIS ST., Berkeley. Dwelling.
Owner—C. E. Wallace, Shattuck Ave., Berkeley.
Architect—S. C. Jackson, Solano and Neilson, Berkeley.
Contractor—Anderson & Anderson, 561 Neilson St., Berkeley. \$11,000

APARTMENTS.
(1166) LOT 43 AND N 1/2 LOT 42 BLK 9, Thousand Oaks Tract, Berkeley. All work for six-room frame dwlg.
Owner—Frank & Rosalyn Harris, 3940 Linwood St., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—J. W. Merritt, 7934 Ney Ave., Oakland.
Filed Aug. 8, '24. Dated Aug. 4, '24.
Frame up \$1500
1st coat plaster on 1500
When completed, note of \$1000 1500
Usual 35 days 1500
TOTAL COST, \$12,000
Bond, \$—; Surety, Fidelity & Guaranty Co. Limit, Nov. 20, 1924. Forfeit, \$1 per day. Plans and specifications filed.

DWELLING.
(1167) LOT 43 AND N 1/2 LOT 42 BLK 9, Thousand Oaks Tract, Berkeley. All work for six-room frame dwlg.
Owner—A. E. Mansfield, San Francisco.
Architect—None.
Contractor—Victor Carlson and J. H. Herman, 811 Carmel St., Berkeley. \$10,000

DWELLING.
(1168) NO. 2709 ENCINAL AVE., Alameda. Three-room dwelling.
Owner—O. E. Arndt, 1436 Bay St., Alameda.
Architect—None. \$2200

DWELLING.
(1169) NO. 1716 CHESTNUT ST., Alameda. Addition.
Owner—J. Tennant, Premises.
Architect—None.
Contractor—Sam Lee, 1801 Lafayette St., Alameda. \$2000

CHURCH.
(1169) OAK ST AND ALAMEDA AVE., Alameda. Church.
Owner—First Hebrew Congregation, Alameda.
Architect—None.
Contractor—Conrad Roth, Dublin Blvd., Alameda. \$12,000

HOTEL.
(1170) PARK ST., Alameda. One-story 21-room hotel.
Owner—L. Katsky, 1391 Regent St., Valdez.
Architect—Conrad Roth, Dublin Blvd., Alameda.
Contractor—Conrad Roth, Dublin Blvd., Alameda. \$9500

DWELLING.
(1171) NO. 1032 LLEWELLYN COURT, Alameda. One-story 8-room dwlg.
Owner—H. Noble, 1336 Park St., Alameda.
Architect—None. \$5000

DWELLING.
(1172) 615 SANTA ROSA, Berkeley. Dwelling.
Owner—E. Fowler, Mill Valley, Calif.
Architect—Herbert M. Crane, 382 17th, Oakland.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. \$5000

DWELLING.
(1173) 700 CRAGMONT, Berkeley. Dwelling.
Owner—H. W. Jennings.
Designer & Contractor—O. F. Lyon, 520 San Fernando Ave., Berkeley. \$5000

DWELLING.
(1174) 2340 MARTINEZ, Berkeley. Dwelling.
Owner—D. H. Williams, 1040 Keith, Berkeley.
Architect—None. \$3000

DWELLING.
(1175) 1224 PARKER, Berkeley. Dwelling.
Owner—C. E. Gubanski, 1335 Delaware.
Architect—S. R. Coffee, 1335 Delaware.
Contractor—S. R. Coffee, 1335 Delaware. \$3000

DWELLING.
(1176) 804 ARLINGTON, Berkeley. Dwelling.
Owner—Ida H. Davis, Berkeley.
Architect—Ray Bancroft, Hotel St. Mark, Oakland.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. \$6000

DWELLING.
(1177) 225 ALVARADO, Berkeley. Dwelling.
Owner—D. McPeak, Berkeley.
Architect—Roy Bancroft, Hotel St. Mark, Oakland.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. \$6500

GARAGE.
(1178) NE COR. TENTH AND OAK STs., Oakland. 1-story brick and tile garage and salesroom.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. \$18,000

APARTMENTS.
(1179) NW COR. FIFTEENTH AND Madison Sts., Oakland. 3-story 80 rooms, brick apartments.
Owner—Colt Investment Co., 306 14th St., Oakland.
Architect—None. \$100,000

DWELLING.
(1180) 1013 SIXTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—E. H. Cary, 1098 68th Ave., Oakland.
Architect—None. \$2500

ALTERATIONS.
(1181) SW COR. THIRTEENTH AVE. and E-14th St., Oakland. Alterations.
Owner—Downman Drug Co., premises.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave. and E-10th St., Oakland. \$1000

DWELLING.
(1182) E TWENTY-NINTH AVE. N E-16th St., Oakland. 1-story 6-room dwelling.
Owner—Harzell & Nicholson, 1520 Madison St., Oakland.
Architect—None.
Contractor—A. Jensen, 4256 Sutter St., San Francisco. \$4000

DWELLING
(4184) N MADISON ST. 55 W Laguna Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—Edna Wagoner.
Architect—None.
Contractor—E. W. Higgins, 3844 Throck St., Oakland. \$4000

DWELLING
(4185) N HOOKINS ST. 110 E High St., Oakland. 1-story 3-room dwlg.
Owner—E. E. Rollins, 357 Athol Ave., Oakland.
Architect—None. \$1200

DWELLING
(4186) S EXCELSIOR AVE. Oakland. 1-story 5-room dwelling & garage.
Owner—L. Fish, 140 Park Blvd., Oakland.
Architect—None. \$5000

DWELLING
(4187) S WASHINGTON AVE. 1 N California St., Oakland. 1-story 3-room dwelling.
Owner—J. D. Smith, 2001 Eastman Ave., Oakland.
Architect—None. \$2000

ALTERATIONS, ETC.
(4187) 977 BAY VIEW AVE., Oakland. Alterations and addition.
Owner—Mrs. Louise Satter, 777 Bay View Ave., Oakland.
Architect—None.
Contractor—Jas. H. Pedersen, 4006 Broadway, Oakland. \$1000

DWELLING
(4188) W BARROWS RD. 80 N Caravanough Rd., Oakland. 1-story 5-room dwelling.
Owner—R. C. Hasermann.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. \$4000

ADDITION
(4189) 349 LAKESHORE AVE. Oakland. Addition.
Owner—H. M. DeFerrari, 810 Lakeshore Ave., Oakland.
Architect—None. \$1250

DWELLING
(4190) 1051 SIXTY-SECOND ST., Oakland. 1-story 10-room 2-family dwelling.
Owner—H. Erchner, 1057 62nd St., Oakland.
Architect—None.
Contractor—A. Niska, 2133 Byron St., Berkeley. \$7500

DWELLING
(4191) E PERALTA AVE. 90 N Georgia St., Oakland. 1-story 6-room dwelling.
Owner—Peter Valtakis, 808 16th St., Oakland.
Architect—None.
Contractor—John Alfier, 2429 Chestnut St., Oakland. \$3400

ALTERATIONS
(4192) 1401 TWENTY-FIFTH AVE., Oakland. Alterations and repairs.
Owner—Mrs. Mary E. Baldwin, 1133 1/2 Morton St., Alameda.
Architect—None.
Contractor—E. R. Cherryman, 2960 E. 14th St., Oakland. \$1200

DWELLING
(4193) E RHODA AVE. 214 N Carmel St., Oakland. 1-story 5-room dwlg.
Owner—M. Bellard, 3040 Rhoda Ave., Oakland.
Architect—None. \$4000

DWELLING
(4194) 3944 LAGUNA AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—E. T. Mattison, 3625 Laguna Ave., Oakland.
Architect—None. \$3500

DWELLING
(4195) W THIRD AVE. 120 N Eleventh St., Oakland. 1-story 4-rm. dwelling.
Owner—Mr. and Mrs. Ralph Adams, 6251 Hayes St., Oakland.
Architect—None.
Contractor—R. A. Benson, 4271 Hayes St., Oakland. \$3000

ROOFING
(4196) COM. AT THE MOST EASTERLY cor. of that certain 10-acre tract conveyed by Central National Bank of Oakland to Victor Talking Machine Co. by deed dated Oct. 19, 1923, recorded in Library 605 Official Records, page 217, Alameda County Records, running thence SW along the SE line of thence mentioned 10-acre tract SW 456.02 ft., thence SE 554.29 ft., NE 453.81 ft., NW 608.29 ft., to pt. of commencement. Roofing work for 1-story factory bldg.
Owner—Illinois Wire & Cable Co., 417 Market St., S. F.
Architect—Washington J. Miller, 417 Market St., S. F.
Contractor—J. W. Bender, (J. W. Bender Roofing & Paving Co.), 417 Market St., S. F.
Filed Aug. 11, 1936 Dated _____
on completion _____
36 days after acceptance _____

TOTAL COST, \$1558.
Bond for Supplies for S. F. Bender and S. Stockholm. Forfeit, \$50 per day. Limit, 12 working days after bldg. is ready. Plans and specifications filed.

DWELLING
(4197) 2301 ROSE TERRACE, Berkeley. Dwelling.
Owner—W. H. Marston, 1500 Arch St., Berkeley.
Designer & Contractor—H. Elmer Johnson, 644 Woodland, San Leandro, Cal. \$12,250

(4198) 1001 1005 1009 1011 CEDAR ST., Berkeley. 4 dwellings.
Owner—Alameda Inv. Co., Syndicate Bldg., Oakland. \$3000 each

DWELLING
(4199) 610 PERALTA, Berkeley. Dwelling.
Owner—W. W. Maxian, 3077 University Ave., Berkeley.
Architect—None.
Contractor—Davis & Sprinkling, Berkeley. \$2500

(4200) 2211 SACRAMENTO, Berkeley. Dwelling.
Owner—A. Hawke.
Designer & Contractor—J. F. Patterson, 2001 68th Ave., Oakland. \$4000

ALTERATIONS
(4201) 1617 SHATTUCK, Berkeley. Alterations.
Owner—F. Klingbiel, 3115 Shattuck, Berkeley.
Architect—None.
Contractor—White & Boerner, 2414 Prince, Berkeley. \$1400

DWELLING
(4202) 2420 PRINCE, Berkeley. Dwelling and garage.
Owner—H. S. Tolen, 2424 Prince St., Berkeley.
Architect—None.
Contractor—Hans A. Hansen, 1749 Grove, Berkeley. \$7350

STORES, OFFICES
(4203) N FOOTHILL BLVD. 400 W Seminary Ave., Oakland. 2-story 11 room stores and offices.
Owner—C. R. Wagenet, 359 12th St., Oakland.
Architect—L. F. Hyde, 377 Hanover Ave., Oakland.
Contractor—C. G. Hildebrand, 1700 Fremont Way, Oakland. \$19,000

DWELLING
(4204) N E-TWENTIETH ST., 100 W 25th Ave., Oakland. 1-story 6-room dwelling.
Owner—A. Vizzia, 1404 16th Ave., Oakland.
Architect—None. \$4000

DWELLING
(4205) E SIXTY-SEVENTH AVE. 150 Beck St., Oakland. 1-story 4-room dwelling.
Owner—F. H. Roeber.
Architect—None.
Contractor—F. J. Wilson, 1657 68th Ave., Oakland. \$2900

ALTERATIONS
(4206) 1728 MARIN WAY, Oakland. Alterations.
Owner—P. & M. Products Co., 62nd Ave. and E-14th St., Oakland.
Architect—None.
Contractor—Robert E. Green, 1464 72nd Ave., Oakland. \$1500

DWELLING
(4207) S CONTRA COSTA RD. 500 E Contra Costa Bldg., Oakland. 1-story 6-room dwelling.
Owner—L. H. Webster, 1927 Courtland Ave., Oakland.
Architect—F. B. Comstock, 2617 Fulton St., Berkeley. \$3000

DWELLING
(4208) N TEXAS ST. 115 E Peralta Ave., Oakland. 1-story 5-room dwelling.
Owner—Herbert C. Cameron, 5619 Dover St., Oakland.
Architect—None. \$3000

DWELLINGS
(4209) E PERALTA AVE. 80 and 115 S Maine St., Oakland. Two 1-story 5-room dwellings.
Owner—Herbert C. Cameron, 5619 Dover St., Oakland.
Architect—None. \$5000 each

DWELLING
(4210) N BIRCH ST. 160 E 92ND Ave., Oakland. 1-story 5-room dwelling.
Owner—A. T. Anderson, 2248 62nd Ave., Oakland.
Architect—None. \$3000

ALTERATIONS
(4211) 1445 FRANKLIN ST., Oakland. Alterations.
Owner—Z. W. White, 732 Lakeshore Oakland.
Architect—None.
Contractor—S. Kulkhar Co., 8th Ave. and E-10th St., Oakland. \$2800

DWELLING
(4212) 2185 E-TWENTY-THIRD ST., Oakland. 1-story 4-room dwlg.
Owner—A. J. Agrella, Jr., 1811 E-19th St., Oakland.
Architect—None. \$3000

DWELLING
(4213) SE COR. 104TH AVE. AND Walnut St., Oakland. 1-story 5-room dwelling and garage.
Owner—Joe Castro, Thayer Bldg., Oakland.
Architect—None.
Contractor—John Tell, 3127 63rd Ave., Oakland. \$3650

DWELLING
(4214) 1536 THIRTY-THIRD AVE., Oakland. 1-story 6-room dwelling and garage.
Owner—Mary J. Hennessey, 1542 33rd Ave., Oakland.
Architect—None.
Contractor—J. D. Fennelly, 2916 E. 22nd St., Oakland. \$4250

GARAGE
(4215) S CLARENDON CRESCENT 300 E Mandana, Oakland. 1-story garage.
Owner—C. H. Nor, 592 Excelsior Ave., Oakland.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. \$1920

DWELLING
(4216) S CALAVERAS AVE. 800 F High St., Oakland. 1-story 5-room dwelling.
Owner—D. L. Smith, 3895 Brown Ave., Oakland.
Architect—None.
Contractor—Anderson & Johnson, 3677 Lily St., Oakland. \$2000

DWELLING
(4217) N FIFTY-NINTH ST. 220 W Grove St., Oakland. 1-story 6 room dwelling and garage.
Owner—Jacob Klingman, 1607 Stuar St., Berkeley.
Architect—None. \$4500

SHOP
(4218) SW COR. E-SEVENTH ST. AND Fruitvale Ave., Oakland. 1-story tile machine shop and 1-story tile office.
Owner—W. H. Hauser, Builders Exchange, Oakland.
Architect—None. \$4000 & \$1000

DWELLINGS
(4219) 7018 AND 7100 HALLIDAY Ave., Oakland. Two 1-story 5 room dwellings and garages.
Owner—N. J. Ekstam, 1586 1/2 Pacific Ave., Alameda.
Architect—None. \$3100 each

REPAIRS
 4230 1223 FIFTH AVE., Oakland.
 Architect—None.
 Contractor—A. H. Rose, 178 25th St., Oakland. \$1900

WELLING
 221 2742 BROOKDALE AVE., Oakland.
 1-story 4-room dwelling.
 Owner—H. C. Haskell, 2901 Fruitvale Ave., Oakland. \$1800

SCHOOL BUILDING
 222 CYPRESS GROUNDS OF CALIF., Concordia College, 64th Ave. and Brann St., Oakland. General construction 1-story frame science laboratory school building.
 Owner—The Board of Control of California Concordia College.
 Architect—Ward & Bohme, 151 California St., S. F.
 Contractor—Hans C. Jensen & Christian Pedersen (Jensen & Pedersen), 4256 Sutter St., S. F.
 Began Aug. 12, 1924. Dated Aug. 9, 1924.
 Frame 18 UP \$760.00
 Plastered 817.50
 Completed and accepted 1000.00
 On the 30th day after acceptance 872.50
 TOTAL COST, \$3449.00

and, yes. Sureties, R. D. Peary and C. Torr, Forfeit, none. Limit, 35 working days after date. Plans and specifications filed.

4224 817 MENDOCINO, Berkeley.
 Dwelling and garage.
 Owner—E. A. Cero, 755 Bissell Ave., Richmond.
 Architect—None.
 Contractor—W. Sultgrove, 160 18th St., Richmond. \$8720

WELLING
 4225 1121 SPRUCE, Berkeley. Dwelling and garage.
 Owner—L. L. Levy, 1109 Glenn, Berkeley.
 Architect—W. A. Decker, 847 Arlington, Berkeley.
 Contractor—H. C. Knight, 1426 Franklin, Oakland. \$15,500

4226 1520 SAN LORENZO, Berkeley.
 Dwelling.
 Owner—Fox Bros., 1926 University, Berkeley.
 Designer—Fox Bros., 1926 University, Berkeley. \$2900

WELLING
 4227 VALLEJO NEAR SAN RAMON, Berkeley. Dwelling.
 Owner—A. W. Shepherd.
 Designer and Contractor—Fox Bros., 1926 University, Berkeley. \$5000

4228 2207 TELEGRAPH, Berkeley.
 Store.
 Owner—J. O. Stover, 2214 Haste, Berkeley.
 Designer and Contractor—Allen & Conrad, 357 12th St., Oakland. \$1200

WELLINGS
 4229 1248 AND 1252 GILMAN, Berkeley. Two dwellings.
 Owner—Rita Warford, 2261 Shattuck, Berkeley.
 Designer and Contractor—F. F. Ingram, 1956 University, Berkeley. \$2500 each.

WELLING
 4230 2253 WARD, Berkeley. Dwelling.
 Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
 Architect and Contractor—E. E. Carpenter, Hotel Whitecotton, Berkeley. \$3000

WELLING
 4231 1217 EVELYN, Berkeley. Dwelling.
 Owner—G. J. Bettencourt, 1211 Evelyn, Berkeley.
 Architect and Contractor—G. J. Bettencourt, 1211 Evelyn, Berkeley. \$2500

4232 1212 HOPKINS, Berkeley. Dwelling.
 Owner—W. H. Moore, 2017 Grant, Berkeley.
 Designer and Contractor—W. H. Moore, 2017 Grant, Berkeley. \$2500

DWELLING
 4233 377 PALM AVE., Oakland. 1-story 1-room dwelling.
 Owner—W. E. Breeden, 326 Vernon St., Oakland.
 Architect—None.
 Contractor—H. K. Schulz, 332 Arlington Ave., Oakland. \$1500

DWELLING
 4234 15 MONTANA ST., 160 S. Wilson St., Oakland. 1-story 5-room dwelling.
 Owner—Tony Silva, 2711 Montana St., Oakland.
 Architect—None.
 Contractor—C. H. Conser, 1949 87th Ave., Oakland. \$3150

DWELLING
 4235 E TWENTY-SECOND AVE., 50 S. E-29th St., Oakland. 1-story 6-room dwelling.
 Owner—Claque Cross, 2428 Chestnut St., Oakland.
 Architect—None. \$3500

DWELLING
 4236 S OLIVE ST., 50 E Warner Ave., Oakland. 1-story 6-room dwlg.
 Owner—W. F. Jacobson, 1924 Warner Ave., Oakland. \$17,500
 Architect—None. \$3000

DWELLING
 4237 COR. 100TH AVE. AND Birch St., Oakland. 1-story 4-room dwelling.
 Owner—W. M. Wright, 1300 100th Ave., Oakland.
 Architect—None. \$1500

DWELLING
 4238 3406 CURRAN AVE., Oakland. 1-story 7-room dwelling.
 Owner—Geo. J. Hayward, 251 Arroyo Ave., San Leandro.
 Architect—None. \$4600

DWELLING
 4239 W SHAFTER AVE., 150 S 41st St., Oakland. 1-story 6-room dwelling.
 Owner—John A. Scott, 381 12th St., Oakland.
 Architect—None.
 Contractor—J. J. Power, 533 40th St., Oakland. \$5000

DWELLING
 4240 2362 JORDAN ROAD, Oakland. 1-story 3-room dwelling.
 Owner—Annie M. Hynes, 3374 Jordan Road, Oakland.
 Architect—None.
 Contractor—C. D. Wilson, 2215 Mitchell St., Oakland. \$2000

DWELLING
 4241 N FIFTY-NINTH ST., 250 E Shattuck Ave., Oakland. 1½-story 7-room dwelling.
 Owner—Clarence Lancaster, 617 59th Oakland.
 Architect—None.
 Contractor—G. G. Reed, 679 62nd St., Oakland. \$6000

DWELLING
 4242 2255 SIXTY-FOURTH AVE., Oakland. 1-story 5-room dwelling and garage.
 Owner—Fred Anderson, 5932 Hayes St., Oakland.
 Architect—None.
 Contractor—J. S. Flittner, 1700 35th Ave., Oakland. \$3300

ADDITION
 4243 SE COR. E-TWELFTH ST. AND 25th Ave., Oakland. 1-story addition to factory.
 Owner—Madewell Mfg. Co., Oakland, Calif.
 Architect—Miller & Warnecke, 14th & Franklin Sts., Oakland. \$6000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded
 Aug. 7, 1924—2517 VIRGINIA ST., Berkeley. Evan Kurpachoff to Emil Person Aug. 5, 1924
 Aug. 5, 1924—LOT 21 BLK K MAP of Foothill Park, Brook Twp. C. J. Anderson to whom it may concern Aug. 1, 1924
 Aug. 5, 1924—LOTS 12 & 13 BLOCK E Linda Park Subdivision, Oakland. Mrs. M. Gonsalves to whom it may concern Aug. 4, 1924
 Aug. 5, 1924—W WEISTER 67 32 N 17th St. th N 100 W 150 S 100 E 150 to pt beg, Oakland. Joseph C Vargas, John C Vargas and Arthur L. Rogers to whom it may concern August 1, 1924
 Aug. 5, 1924—NO. 2332 CEDAR ST., Berkeley. F. S. Bloom to whom it may concern Aug. 1, 1924
 Aug. 5, 1924—LOT 9 BLK 12 Amended Map Central Park, Alcatraz and Newbury Station, Oakland Twp. Harriett M. Beute to whom it may concern Aug. 1, 1924
 Aug. 5, 1924—LOT 5 BLK 6 Map of Highland Park Terrace, Oakland. George H. Moffatt and N. A. Blodgett to whom it may concern Aug. 2, 1924
 Aug. 5, 1924—SE 25 LOT 8 BLK G Map of Stone Tract, Brooklyn Twp. A. C. Thorpe to whom it may concern Aug. 4, 1924
 Aug. 5, 1924—LOT 5, BLK 4, Oakland Highland Tract, Oakland. Mrs. Mary M. Hunley to whom it may concern Aug. 5, 1924
 Aug. 5, 1924—LOT 1, BLK 16, Amended Map of Haverstick Twp. E. Muri to C. A. Shipman. Aug. 5, 1924
 Aug. 5, 1924—LOT 10, BLK. 32, Map of Town of Livermore, Livermore. Chas. A. Smith to Samuel Botwell July 23, 1924
 Aug. 5, 1924—FOR LOT 8, BLK. C, Map of a portion of the Woolsey Tract, Berkeley. Norman A. Hollister to Lloyd M. Singer. Aug. 4, 1924
 Aug. 5, 1924—LOT 5, BLK 17, Melrose Heights, Oakland. Victor Vallerga to J. A. Stanley. Aug. 2, 1924
 Aug. 6, 1924—POR OF LOTS 15 & 16 BLK 3 Wheeler Tract, Berkeley. Minna Frank Blum to whom it may concern Aug. 5, 1924
 Aug. 6, 1924—NO SIDE OF FORTY-NINTH ST. 100 W of Webster, Oakland. John and Augusta Smith to A. Cederberg Aug. 2, 1924
 Aug. 6, 1924—2715 SIXTY-EIGHTH AVE., Oakland. Mary E. Nelson to J. V. Frazier July 29, 1924
 Aug. 6, 1924—300 HOOPER ST., Berkeley. Frances M. Kunzelman to A. E. White Aug. 6, 1924
 Aug. 6, 1924—NE COR. EUCLID AVE. AND HILGARD ST., Berkeley. Mrs. Allan C. Wright by W. H. Ratcliffe, architect, to David Nordstrom Aug. 1, 1924
 Aug. 6, 1924—LOT 13 BLK 4 Hotel Le Beaver to F. A. Kurland Aug. 2, 1924
 Aug. 6, 1924—LOT 3 MAP OF CLAREMONT TRACT, Berkeley. J. H. Aug. 6, 1924—LOT 9 BLK 9 DOMINGO TRACT, Berkeley. Henry Blume to whom it may concern Aug. 6, 1924
 Aug. 6, 1924—LOT 19 BLK 3 MAP CLAREMONT, Berkeley. J. C. Beedy to whom it may concern Aug. 6, 1924
 Aug. 7, 1924—LOT 2, BLK 6 MAP DALEY'S SCENIC PARK, Berkeley. Geo. Hausam to whom it may concern Aug. 4, 1924
 Aug. 7, 1924—LOT 33 MAP OF OAKLAND PROSPECT HOMESTEAD, Oakland. Earl B. Leonard to whom it may concern Aug. 6, 1924
 Aug. 7, 1924—LOT 33 BLK F NORTH BRACE TERRACE, Berkeley. Ethel T. & C. W. Perkins to C. M. Texdahl Aug. 1, 1924
 Aug. 7, 1924—W SIDE OF SIXTY-SEVENTH AVE. 120 S of Brann St., Oakland. J. Ritchie Dunn to whom it may concern Aug. 7, 1924
 Aug. 7, 1924—LOT 7 BLK G GRAND AVENUE HEIGHTS, Berkeley. M. Neher to whom it may concern Aug. 5, 1924
 Aug. 7, 1924—LOT 12 BLK H COUNTRY CLUB ACRES, Oakland. Sallie M. Perry by Robert H. Perry, agent to G. A. Scott Aug. 1, 1924
 Aug. 8, 1924—1943 ONE HUNDRED THIRD AVE., Oakland. Elton M. Young to Geo. Mills July 28, 1924
 Aug. 7, 1924—4113 MEDA STREET, Oakland. Theo. C. Casha to whom it may concern Aug. 2, 1924
 Aug. 7, 1924—LOT 60 & SE 12½ OF LOT 61 BLK 12 Chevrolet Park, Oakland. Thomas C. Murray to G. H. Putzbach & Son Aug. 4, 1924
 Aug. 7, 1924—COM AT A POINT ON THE SE boundary line of that certain parcel of land containing 123.73 acres desc in Deed from Franklin Moss et al to Charles Moss dated Oct. 7, 1861 and recorded in Liber of Deeds page 466 of Alameda County records. Dist thereon NE 949.16 ft from the intersection thereof with the NE line of

Foothill Blvd. running thence NW 334.48 ft to a pt in 81st Ave which said pt is N 121.81 ft from a concrete monument thence continuing NW 30 ft to the N line of 81st Ave thence along last named line SW 206 ft thence NW 142.10 ft to a pt of commencement of the land herein described. Thence NW 80 SW 180.48 ft to N line of 81st Ave thence SE 43.16 ft NE 146.02 ft to the said pt of commencement of land herein described. Geo. F. Crammer to H. J. Nichols. Aug. 6, 1924

Aug. 3, 1924—N FIFTEENTH AND W CLAY IN 141-142, S 103-9 15 14-15 S 103-9 to pt beg. Oakland. Arthur E. Corlier to Grinnell Co. of the Pacific. Aug. 5, 1924

Aug. 8, 1924—LOT 22 BLK 9 Map Iveywood Extn. Oakland. Lillian E. McCord to T. J. McCord. Aug. 8, 1924

Aug. 8, 1924—FOR LOT 31 BLK 5 Shattuck Tract No. 1. Berkeley. Frank L. Naylor to Conner & Conner. Aug. 7, 1924

Aug. 8, 1924—SW COR SIXTIETH AND CAMDEN STS. Berkeley. Bentley by J. E. White agent to whom it may concern. Aug. 4, 1924

Aug. 8, 1924—E SIDE OF NINTH AVE. about 275 S of E-28th St. Oakland. E. O. Toot to Jensen & Jensen. Aug. 8, 1924

Aug. 8, 1924—FOR LOTS 6 & 7 BLK 7 Map of the Suburban Tract. Oak Twp. Samuel Dvorin to whom it may concern. Aug. 5, 1924

Aug. 8, 1924—111 DALE AVE; 531 Moraga Ave. 533 Moraga Ave. Piedmont. William King to Geo. W. Ehaszen. Aug. 16, 1924

Aug. 8, 1924—LOTS 15 & 16 BLOCK 10 Amended Map of the Putnam Tract. Oakland. E. L. Thompson to whom it may concern. Aug. 6, 1924

Aug. 8, 1924—FOR 16 BLK 10 Map 14th St. and Villa Terrace. Oakland. L. A. De Chaine to whom it may concern. Aug. 7, 1924

Aug. 8, 1924—FOR 9 E BLK 6 Map of part of the Hays and Caperton Property in the Town of Alameda. Wickliff E. Willis to whom it may concern. Aug. 8, 1924

Aug. 11, 1924—LOT 14 BLK 4 Fourth Ave. Terrace. Oakland. John T. Kearney to Ness Bros. Aug. 8, 1924

Aug. 11, 1924—LOT 14 BLK 4, Thousand Oaks Tract. Berkeley. W. C. Marsh to A. W. Potter. Aug. 8, 1924

Aug. 11, 1924—FOR LOT 11, BLK 6 Leonard Tract. Berkeley. Fred Klingbeil by A. Lo Prest agent to A. Lo Prest. July 15, 1924

Aug. 11, 1924—LOT 13, IN THE E 1/2 of Blk. M, Map of lands adjacent to the town of Encinal, Alameda County. Marie E. Paul to Laurence J. Hinds and William E. Hinds. July 25, 1924

Aug. 11, 1924—NO LOCATION FTR. thence than Lot 50. 63 Berkeley. Rita Warford to Fred F. Ingram. Aug. 8, 1924

Aug. 11, 1924—N 16 FT. OF LOT 17 and all of Lot 18, Blk. D, Map of Broadway Terrace, Oakland. F. L. Doelker and Florence Doelker to A. T. Beckett and Wilder Wright. Aug. 4, 1924

Aug. 9, 1924—NW CEDAR & ARCH STS., Berkeley. W. Gus Smith to H. Elmer Johnson. Aug. 9, 1924

Aug. 8, 1924—PTN LOTS 1 AND 2 Vernal Terrace, Piedmont. Wm W. Burris to E. F. Henderson. Aug. 7, 1924

Aug. 12, 1924—SE COR. OF FAIRfax Ave & Foothill Blvd., Oakland. Mrs. Jesse Garms by J. F. Maganini agent to J. F. Maganini. Aug. 7, 1924

Aug. 12, 1924—FOR 19-21-23 BROADway Terrace, Oakland. J. H. Wilbur to Harry C. Knight. Aug. 1, 1924

Aug. 12, 1924—145-149-51 WARFIELD AVE. Oakland. Dorothy D. Smith and Floyd A. Smith to Harry C. Knight. Aug. 7, 1924

Aug. 12, 1924—383 GRAND AVE., Oakland. John Moxam and Blanche Irene Moxam to whom it may concern. Aug. 7, 1924

Aug. 12, 1924—LOT 2 BLK 4 BUENA Peralta Tract. Chris Silva to whom it may concern. Aug. 7, 1924

Aug. 12, 1924—LOT 4 BLK 4 MAP of Edwy and Telegraph Ave Homestead also Lot 5 map of Bdy and Weston Avenue Lots Oakland. Minnie E. Henderson and Herbert

B. Henderson to whom it may concern. Aug. 11, 1924

Aug. 12, 1924—FOR 23-25-27-29 VIEW Tract, Piedmont. J. W. Scammell to whom it may concern. Aug. 3, 1924

Aug. 12, 1924—LOT 18 MAP OF THE Pacific Theological Seminary Tract, Oakland. Jacob Weinstein to Calif Builders Co. Aug. 11, 1924

Aug. 11, 1924—COM AT A POINT ON So line of Lincoln St. 200-6 W of McGee Ave running thence W 41-6 S 135 E 41-6 N 135 to pt of commencement, Berkeley. Eric King to whom it may concern. Aug. 9, 1924

Aug. 11, 1924—FOR 45 FT. OF 11th St. Blk F Map of Grand Avenue Hills Oak Twp. Bert R. Shrader to whom it may concern. Aug. 11, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Aug. 8, 1924—SW COR. 12TH AND Oak Sts., Oakland. G. Walter Spencer (Spencer Electric Co.), vs. M. F. Smith and Murch-Williams Construction Co. \$150.20

Aug. 6, 1924—W MARSHALL ST., 340-40 ft. S of Stanford Ave., Berkeley. Rhodes-Jamieson & Co. vs. Marie Runkel and P. J. Urey. \$60.60

Aug. 5, 1924—LOT 32 AND 3 Map of Pierce Tract, Hayward. Sunset Lumber Co. vs. M. V. B. Webb and C. F. Carpenter. \$17.63

Aug. 5, 1924—ON N 1/2 OF 13th St. line of certain piece of land described in certain Deed from Dutra to John Lemes Recorded in Liber 119 Official Records Page 174 thence N 157.04 NW 323.92 SW 1637.53 SE 291.96 to pt of commencement, John Twp. Sunset Lumber Co. vs. John and Olive Lemas and Joe T. and Julia M. Avelar. \$204.05

Aug. 5, 1924—LOT 5 of John D. G. Homstead Tract, Oakland. Rhodes Jamison & Co. vs. Alexander W. Porter and W. N. Keeler. \$23.85

Aug. 6, 1924—SW COR. 12TH AND Oak Sts., Oakland. Sunset Lumber Co. vs. M. F. Smith and Murch-Williams Construction Co. \$170.13

Aug. 6, 1924—SW COR. 12TH AND Oak Sts., Oakland. G. Walter Spencer (Spencer Electric Co.), vs. M. F. Smith and Walter Gordon. \$906.20

Aug. 7, 1924—LOTS 44 & 45 BLOCK 5 Fourth Ave. Terrace, Oakland. A. Tickell vs. D. Moran. \$82

Aug. 7, 1924—W SIDE FIFTH AVE 75 N of E 15th St., Oakland. Maxwell Hardware Co. vs. Martin Manakali. \$195.86

Aug. 7, 1924—LOT 39 DOWLING Tract (W side of 82nd Ave. bet. Birch and Plymouth Sts.), Oakland. Sunset Lumber Co. vs. George Langren. \$669.97

Aug. 8, 1924—SW 10 LOT 14 AND LOT 15 Blk 45, Map of Beverly Terrace, Sac. Co. Lumber Co. vs. C. W. Boden Co., C. W. Boden, Oakland Mtg. & Finance Co.—James Traverse, E. C. Lyon, John Davidson. \$131.50

Aug. 8, 1924—SW COR TWELFTH AND Oak Sts., Oakland. Kawneer Manufacturing Co. vs. M. F. Smith, Murch-Williams Construction Co. \$758

Aug. 8, 1924—LOT 24 BLK 7 MAP RECD. of a portion of Hollywood laid down in 1914 Alameda County. A. C. Keddy vs. S. Victor Davidow. \$60

Aug. 8, 1924—LOT 10 MAP OF THE VIEW Tract, Oakland. A. C. Keddy vs. S. Victor Davidow. \$27

Aug. 8, 1924—N 100 FT. OF LOTS 1, 2, 3 & 4 Blk 97 Map of Northern addition of the Town of Brooklyn. J. L. Todd and J. Z. Ramey (W. C. Door and Sash Co.) vs. D. Berger, Charlotte Berger, Contractors Exchange, Fred W. Borden. \$880

Aug. 8, 1924—ON LINE OF 10th St. 200 NE of Main St. thence NE 100 NW 200 SW 100 SE 200 to pt of beg. Geo. L. Burger vs. Catherine Pratt, State Builders Co. \$427.50

Aug. 8, 1924—FOR LOTS 125 & 126 Block 34 Map of Havenscroft, Oakland. W. A. Noack (Concealo Fixture Co) vs. M. Sullivan, E. F. Robinson, and John Enlund. \$96

Aug. 8, 1924—SW 20 OF LOT 12 & NE 20 of lot 14 Blk 45 Map of Beverly Terrace, Oakland. Bay City Lumber Co. vs. C. W. Boden Co., C. W. Boden, Oakland Mtg. & Finance Co. vs. C. W. Boden Co., C. W. Boden, and John Davidson, trustees. \$407.05

Aug. 8, 1924—SW 20 OF LOT 6 AND all Lot 7 Blk 45 Map of Beverly Terrace, Oakland. Bay City Lumber Co. vs. C. W. Boden Co., C. W. Boden, Oakland Mtg. & Finance Co.—James Traverse, E. C. Lyon, John Davidson, trustees. \$359.02

Aug. 11, 1924—FOR 1924-1923-1922-1921-1920-1919-1918-1917-1916-1915-1914-1913-1912-1911-1910-1909-1908-1907-1906-1905-1904-1903-1902-1901-1900-1899-1898-1897-1896-1895-1894-1893-1892-1891-1890-1889-1888-1887-1886-1885-1884-1883-1882-1881-1880-1879-1878-1877-1876-1875-1874-1873-1872-1871-1870-1869-1868-1867-1866-1865-1864-1863-1862-1861-1860-1859-1858-1857-1856-1855-1854-1853-1852-1851-1850-1849-1848-1847-1846-1845-1844-1843-1842-1841-1840-1839-1838-1837-1836-1835-1834-1833-1832-1831-1830-1829-1828-1827-1826-1825-1824-1823-1822-1821-1820-1819-1818-1817-1816-1815-1814-1813-1812-1811-1810-1809-1808-1807-1806-1805-1804-1803-1802-1801-1800-1799-1798-1797-1796-1795-1794-1793-1792-1791-1790-1789-1788-1787-1786-1785-1784-1783-1782-1781-1780-1779-1778-1777-1776-1775-1774-1773-1772-1771-1770-1769-1768-1767-1766-1765-1764-1763-1762-1761-1760-1759-1758-1757-1756-1755-1754-1753-1752-1751-1750-1749-1748-1747-1746-1745-1744-1743-1742-1741-1740-1739-1738-1737-1736-1735-1734-1733-1732-1731-1730-1729-1728-1727-1726-1725-1724-1723-1722-1721-1720-1719-1718-1717-1716-1715-1714-1713-1712-1711-1710-1709-1708-1707-1706-1705-1704-1703-1702-1701-1700-1699-1698-1697-1696-1695-1694-1693-1692-1691-1690-1689-1688-1687-1686-1685-1684-1683-1682-1681-1680-1679-1678-1677-1676-1675-1674-1673-1672-1671-1670-1669-1668-1667-1666-1665-1664-1663-1662-1661-1660-1659-1658-1657-1656-1655-1654-1653-1652-1651-1650-1649-1648-1647-1646-1645-1644-1643-1642-1641-1640-1639-1638-1637-1636-1635-1634-1633-1632-1631-1630-1629-1628-1627-1626-1625-1624-1623-1622-1621-1620-1619-1618-1617-1616-1615-1614-1613-1612-1611-1610-1609-1608-1607-1606-1605-1604-1603-1602-1601-1600-1599-1598-1597-1596-1595-1594-1593-1592-1591-1590-1589-1588-1587-1586-1585-1584-1583-1582-1581-1580-1579-1578-1577-1576-1575-1574-1573-1572-1571-1570-1569-1568-1567-1566-1565-1564-1563-1562-1561-1560-1559-1558-1557-1556-1555-1554-1553-1552-1551-1550-1549-1548-1547-1546-1545-1544-1543-1542-1541-1540-1539-1538-1537-1536-1535-1534-1533-1532-1531-1530-1529-1528-1527-1526-1525-1524-1523-1522-1521-1520-1519-1518-1517-1516-1515-1514-1513-1512-1511-1510-1509-1508-1507-1506-1505-1504-1503-1502-1501-1500-1499-1498-1497-1496-1495-1494-1493-1492-1491-1490-1489-1488-1487-1486-1485-1484-1483-1482-1481-1480-1479-1478-1477-1476-1475-1474-1473-1472-1471-1470-1469-1468-1467-1466-1465-1464-1463-1462-1461-1460-1459-1458-1457-1456-1455-1454-1453-1452-1451-1450-1449-1448-1447-1446-1445-1444-1443-1442-1441-1440-1439-1438-1437-1436-1435-1434-1433-1432-1431-1430-1429-1428-1427-1426-1425-1424-1423-1422-1421-1420-1419-1418-1417-1416-1415-1414-1413-1412-1411-1410-1409-1408-1407-1406-1405-1404-1403-1402-1401-1400-1399-1398-1397-1396-1395-1394-1393-1392-1391-1390-1389-1388-1387-1386-1385-1384-1383-1382-1381-1380-1379-1378-1377-1376-1375-1374-1373-1372-1371-1370-1369-1368-1367-1366-1365-1364-1363-1362-1361-1360-1359-1358-1357-1356-1355-1354-1353-1352-1351-1350-1349-1348-1347-1346-1345-1344-1343-1342-1341-1340-1339-1338-1337-1336-1335-1334-1333-1332-1331-1330-1329-1328-1327-1326-1325-1324-1323-1322-1321-1320-1319-1318-1317-1316-1315-1314-1313-1312-1311-1310-1309-1308-1307-1306-1305-1304-1303-1302-1301-1300-1299-1298-1297-1296-1295-1294-1293-1292-1291-1290-1289-1288-1287-1286-1285-1284-1283-1282-1281-1280-1279-1278-1277-1276-1275-1274-1273-1272-1271-1270-1269-1268-1267-1266-1265-1264-1263-1262-1261-1260-1259-1258-1257-1256-1255-1254-1253-1252-1251-1250-1249-1248-1247-1246-1245-1244-1243-1242-1241-1240-1239-1238-1237-1236-1235-1234-1233-1232-1231-1230-1229-1228-1227-1226-1225-1224-1223-1222-1221-1220-1219-1218-1217-1216-1215-1214-1213-1212-1211-1210-1209-1208-1207-1206-1205-1204-1203-1202-1201-1200-1199-1198-1197-1196-1195-1194-1193-1192-1191-1190-1189-1188-1187-1186-1185-1184-1183-1182-1181-1180-1179-1178-1177-1176-1175-1174-1173-1172-1171-1170-1169-1168-1167-1166-1165-1164-1163-1162-1161-1160-1159-1158-1157-1156-1155-1154-1153-1152-1151-1150-1149-1148-1147-1146-1145-1144-1143-1142-1141-1140-1139-1138-1137-1136-1135-1134-1133-1132-1131-1130-1129-1128-1127-1126-1125-1124-1123-1122-1121-1120-1119-1118-1117-1116-1115-1114-1113-1112-1111-1110-1109-1108-1107-1106-1105-1104-1103-1102-1101-1100-1099-1098-1097-1096-1095-1094-1093-1092-1091-1090-1089-1088-1087-1086-1085-1084-1083-1082-1081-1080-1079-1078-1077-1076-1075-1074-1073-1072-1071-1070-1069-1068-1067-1066-1065-1064-1063-1062-1061-1060-1059-1058-1057-1056-1055-1054-1053-1052-1051-1050-1049-1048-1047-1046-1045-1044-1043-1042-1041-1040-1039-1038-1037-1036-1035-1034-1033-1032-1031-1030-1029-1028-1027-1026-1025-1024-1023-1022-1021-1020-1019-1018-1017-1016-1015-1014-1013-1012-1011-1010-1009-1008-1007-1006-1005-1004-1003-1002-1001-1000-999-998-997-996-995-994-993-992-991-990-989-988-987-986-985-984-983-982-981-980-979-978-977-976-975-974-973-972-971-970-969-968-967-966-965-964-963-962-961-960-959-958-957-956-955-954-953-952-951-950-949-948-947-946-945-944-943-942-941-940-939-938-937-936-935-934-933-932-931-930-929-928-927-926-925-924-923-922-921-920-919-918-917-916-915-914-913-912-911-910-909-908-907-906-905-904-903-902-901-900-899-898-897-896-895-894-893-892-891-890-889-888-887-886-885-884-883-882-881-880-879-878-877-876-875-874-873-872-871-870-869-868-867-866-865-864-863-862-861-860-859-858-857-856-855-854-853-852-851-850-849-848-847-846-845-844-843-842-841-840-839-838-837-836-835-834-833-832-831-830-829-828-827-826-825-824-823-822-821-820-819-818-817-816-815-814-813-812-811-810-809-808-807-806-805-804-803-802-801-800-799-798-797-796-795-794-793-792-791-790-789-788-787-786-785-784-783-782-781-780-779-778-777-776-775-774-773-772-771-770-769-768-767-766-765-764-763-762-761-760-759-758-757-756-755-754-753-752-751-750-749-748-747-746-745-744-743-742-741-740-739-738-737-736-735-734-733-732-731-730-729-728-727-726-725-724-723-722-721-720-719-718-717-716-715-714-713-712-711-710-709-708-707-706-705-704-703-702-701-700-699-698-697-696-695-694-693-692-691-690-689-688-687-686-685-684-683-682-681-680-679-678-677-676-675-674-673-672-671-670-669-668-667-666-665-664-663-662-661-660-659-658-657-656-655-654-653-652-651-650-649-648-647-646-645-644-643-642-641-640-639-638-637-636-635-634-633-632-631-630-629-628-627-626-625-624-623-622-621-620-619-618-617-616-615-614-613-612-611-610-609-608-607-606-605-604-603-602-601-600-599-598-597-596-595-594-593-592-591-590-589-588-587-586-585-584-583-582-581-580-579-578-577-576-575-574-573-572-571-570-569-568-567-566-565-564-563-562-561-560-559-558-557-556-555-554-553-552-551-550-549-548-547-546-545-544-543-542-541-540-539-538-537-536-535-534-533-532-531-530-529-528-527-526-525-524-523-522-521-520-519-518-517-516-515-514-513-512-511-510-509-508-507-506-505-504-503-502-501-500-499-498-497-496-495-494-493-492-491-490-489-488-487-486-485-484-483-482-481-480-479-478-477-476-475-474-473-472-471-470-469-468-467-466-465-464-463-462-461-460-459-458-457-456-455-454-453-452-451-450-449-448-447-446-445-444-443-442-441-440-439-438-437-436-435-434-433-432-431-430-429-428-427-426-425-424-423-422-421-420-419-418-417-416-415-414-413-412-411-410-409-408-407-406-405-404-403-402-401-400-399-398-397-396-395-394-393-392-391-390-389-388-387-386-385-384-383-382-381-380-379-378-377-376-375-374-373-372-371-370-369-368-367-366-365-364-363-362-361-360-359-358-357-356-355-354-353-352-351-350-349-348-347-346-345-344-343-342-341-340-339-338-337-336-335-334-333-332-331-330-329-328-327-326-325-324-323-322-321-320-319-318-317-316-315-314-313-312-311-310-309-308-307-306-305-304-303-302-301-300-299-298-297-296-295-294-293-292-291-290-289-288-287-286-285-284-283-282-281-280-279-278-277-276-275-274-273-272-271-270-269-268-267-266-265-264-263-262-261-260-259-258-257-256-255-254-253-252-251-250-249-248-247-246-245-244-243-242-241-240-239-238-237-236-235-234-233-232-231-230-229-228-227-226-225-224-223-222-221-220-219-218-217-216-215-214-213-212-211-210-209-208-207-206-205-204-203-202-201-200-199-198-197-196-195-194-193-192-191-190-189-188-187-186-185-184-183-182-181-180-179-178-177-176-175-174-173-172-171-170-169-168-167-166-165-164-163-162-161-160-159-158-157-156-155-154-153-152-151-150-149-148-147-146-145-144-143-142-141-140-139-138-137-136-135-134-133-132-131-130-129-128-127-126-125-124-123-122-121-120-119-118-117-116-115-114-113-112-111-110-109-108-107-106-105-104-103-102-101-100-99-98-97-96-95-94-93-92-91-90-89-88-87-86-85-84-83-82-81-80-79-78-77-76-75-74-73-72-71-70-69-68-67-66-65-64-63-62-61-60-59-58-57-56-55-54-53-52-51-50-49-48-47-46-45-44-43-42-41-40-39-38-37-36-35-34-33-32-31-30-29-28-27-26-25-24-23-22-21-20-19-18-17-16-15-14-13-12-11-10

BUILDING CONTRACTS**SACRAMENTO COUNTY**

BUILDING
S 1/2 LOT 8 & N 12 1/2 FT LOT 3 Claremont All work for building.
Owner—Chas. J. Chenu, 2612 J St., Sacramento.

Architect—None.
Contractor—James T. Gormley, 1152 Santa Barbara Court, Sacramento.
Filed Aug. 6, 1924. Dated Aug. 1, 1924.
Payments not given.

TOTAL COST, \$9914
Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING, 1-story and garage, \$3000
1408 Santa Ynez Way, Sacramento;
owner, E. M. Reagh, 925 P, Sacramento.

DWELLING, 1-story and garage, \$3000;
2430 W. Sacramento; owner, Mrs. D. Danielson, 2401 W. Sacramento;
contractor, Bert Cameron, Florin.

DWELLING, 1-story and garage, \$3100;
2017 36th, Sacramento; owner, E. A. Carum 2533 Portola Way, Sacramento.

DWELLING, 1-story and garage, \$2500;
1234 5th St., Sacramento; owner, T. Schluckbier, 2730 Marshall Way, Sacramento.

DWELLING, 1-story and garage, \$5000
733 36th, Sacramento; owner, H. L. Leisen, 1920 10th, Sacramento.

DWELLING, 1-story and garage, \$3000;
2449 Curtis Way, Sacramento; owner, L. J. Meller, 1080 Santa Ynez Way, Sacramento.

DWELLING, 1-story and garage, \$3400;
2317 Marshall Way, Sacramento;
owner, F. H. Bill, 656 42nd, Sacramento.

DWELLING, 1-story and garage, \$5000;
1309 X, Sacramento; owner, Mrs. A. and Anna S. Durkin, 1822 13th Sacramento; contractor, Geo. L. Danger, 1300 27th, Sacramento.

DWELLING, 1-story and garage, \$10,000;
1301 Folsom Blvd., Sacramento;
owner, John Mather, 211 J Sacramento; contractor, R. M. Smith, 4028 Sherman Way, Sacramento.

DWELLING, 1-story and garage, \$14,000;
owner, M. Wissemann, 1201 K, Sacramento; contractor, G. E. Harvie, 2212 T, Sacramento.

DWELLING, 1-story and garage, \$2900
4511 W. Sacramento; owner, Philip Oates, 911 T, Sacramento.

DWELLING, 1-story and garage, \$2700; 1508 U, Sacramento; owner, John Semas, 2016 6th, Sacramento.

DWELLING, 1-story frame and garage \$3600; 1032 35th, Sacramento; owner, Leroy K. Morris, 3417 J, Sacramento; contractor, Carl Koch, 3418 L, Sacramento.

DWELLINGS, 4 1-story and garages, \$2500 each; 3153 3165 3135 3136 Carly Way, Sacramento; owner, H. G. Birdsall, 1516 27th, Sacramento.

DWELLING, 1-story and garage, \$2500
2164 36th, Sacramento; owner, H. G. Birdsall.

DWELLING, 1-story and garage, \$2500;
3009 32nd, Sacramento; owner, H. G. Birdsall.

DWELLING, 1-story 4-room and garage, \$2500; 4008 T, Sacramento;
owner, S. Johnson, 1511 7th, Sacramento.

BUILDING CONTRACTS**FRESNO COUNTY**

STORE
LOTS 71 AND 72 North Park Extension, Fresno. All work for frame store building.

Owner—Chas. K. Tutunjian, 186 N. Broadway, Fresno.

Architect—None.
Contractor—J. T. Cowan and A. C. Mitchell, Green St., Fresno.

Filed Aug. 6, 1924. Dated Aug. 5, 1924.
Bond on \$608.50
When plastered 608.50
When completed 608.50
50 days after completion, Balance 3150.00

Bond, \$1000. Sureties, Roy M. Cowan and Geo. B. Evans. Limit, 30 working days. Forfeit, none. Plans and specifications, none.

NOTE.—Owner to furnish lumber.

BUILDING, \$12,000; No. 2720 Ventura Av., Fresno; owner, Prescott Brick & Lumber Co., 1001 E. 4th St., Fresno.
BUSINESS building, \$15,000; No. 1433 Van Ness, Fresno; owner, Iverson H. Cureton; contractor, C. Jorgensen.
DWELLING, \$6000; No. 706 University Av., Fresno; owner, A. E. Sargent.
GARAGE, \$1500; Inyo and A Sts., Fresno; owner, City of Fresno; contractor, Jolly & Jolly.

COMPLETION NOTICES**FRESNO COUNTY**

Recorded	Accepted
Aug. 5, 1924—LOT 3, Robinson Tract No. 2, Fresno. Victor E. Laine to whom it may concern.	Aug. 4, 1924
Aug. 5, 1924—REEDLEY, Reedley Joint Elementary School District to Leo Judge.	July 21, 1924
Aug. 5, 1924—SAME. Work on Contract No. 1. Same to Jolly & Jolly.	July 21, 1924
Aug. 5, 1924—W 50 FT LOT 3 BLK 4, Hazelwood Add, Fresno. Jack W. Bandy to whom it may concern.	Aug. 1, 1924
Aug. 6, 1924—LOTS 4 AND 42 BLK 1, Recreation Tract, Fresno. W. P. Graham to whom it may concern.	Aug. 5, 1924
Aug. 8, 1924—231 BLK 28, East Clovis. Jas. E. Pendergrass to whom it may concern.	Aug. 6, 1924

LIENS FILED**FRESNO COUNTY**

Recorded	Amount
Aug. 5, 1924—LOTS 16, 17 AND 18 BLK 1, Kings Orange Manor. Routt Lumber Co vs V R Thoman.	\$167
Aug. 5, 1924—LOTS 5 AND 6 BLK 9, Klinehurst Add, Fresno. J. D. Halstead Lumber Co vs W. A. Segar.	\$179
Aug. 8, 1924—E 1/2 OF NW 1/4 OF SE 1/4 of Sec. 26, 15-21, Fresno. W. M. Grow vs C and Mary Metzler.	\$190
Aug. 9, 1924—LOT 11 N 13 ft. Lot 12, High Add'n Annex No. 5, Fresno. Sunset Lumber Co vs Geo E and Josephine N May.	\$876
Aug. 9, 1924—S 12 FT. LOT 12, all Lot 13 N 8 ft. Lot 14, High Add'n Annex No. 5, Fresno. Sunset Lumber Co vs Geo E and Josephine N May.	\$344
Aug. 9, 1924—LOTS 11 AND 12 BLK 1, New High School Add'n, Fresno. E. Weston vs A. F. Wood.	\$133
Aug. 11, 1924—LOT 18 BLK 1, Blvd Gardens, Fresno. Tom Prichard Planing Mill Co vs Harry Stine.	\$277
Aug. 11, 1924—LOTS 23 AND 24 BLK 2, New High School Add'n, Fresno. Tom Prichard Planing Mill Co vs Claude Inman.	\$442

BUILDING CONTRACTS**SANTA CLARA COUNTY**

ALTERATIONS, \$25,000; Santa Clara St. near Market, San Jose; owner, Graitan D. Phillips, 2260 Vallejo St., San Francisco; architect, Andrew H. Knoll, Hearst Bldg., S. F.
STORE and residence, \$3000; Anthon St. near 5th, San Jose; owner, Mrs. Raso Datto, Premises; contractor, H. M. Dangefield, 51 S-22nd St., San Jose.

ALTER school, \$4000; Palm and Virginia Sts., San Jose; owner, Roman Catholic Church, Diocese of San Francisco, 1100 Franklin St., San Francisco.

COTTAGE, \$3500; Sixteenth St. near Washington St., San Jose; owner, J. Beaudikoffer, Premises; contractor, R. T. Souther, 43 Grand Ave., San Jose.

COTTAGES, (2) 3-room, \$1975 each; Colfax & Vine Sts., San Jose; owner, Dr. H. A. Forrest, Premises; contractor, Logan Kay.

COTTAGE, 5-room, \$4700; Plaza Drive, San Jose; owner, F. Schimmel, Prem.; contractor, C. F. Kessling, 798 Coe St., San Jose.

COOLING shed, \$9000; Montgomery & Chinnabur Sts., San Jose; owner, Richmond-Chase Co., 72 W-Santa Clara St., San Jose; contractor, Z. O. Field & Son, 76 W-San Antonio St., San Jose.

BUILDING CONTRACTS**SAN ANSELMO, MARIN COUNTY**

Following building permits were granted by the City Trustees of San Anselmo, Marin County, during the month of July:

DWELLING, \$4200; Lot 5 Blk 5, Morningside Court; owner, P. Arbini.

DWELLING, \$500; Short Ranch, San Francisco Blvd.; owner, C. Lezzen.

DWELLING, \$4250; Lot 10 Sub 2 Highlands; owner, C. Wellington.

DWELLING, \$3000; Lot 146 Ross Valley Park Sub 2; owner, Charles Lezzen.

DWELLING, \$3000; Lot 147 Ross Valley Park, Sub 2; owner, L. E. Green.

GARAGE, \$350; Yolanda Court; owner, A. C. Pressley Jr.

DWELLING, \$4000; Linda Vista Tract; owner, W. Kappelman.

GARAGE, \$100; Lot 236 Short Ranch; owner, E. J. Lough.

REPAIR AND ADD to present structure, \$300; Barber Tract; owner, Mr. Kierulff.

DWELLING, \$1000; Lot 326 Short Ranch owner, J. Saporetto.

DWELLING, \$5000; Cordone Tract; owner, T. E. Cordone.

DWELLING, \$4000; Lot 10 Blk 6 Morningside Court; owner, W. R. Quigley.

DWELLING, \$600; Rosenthal Tract; owner, Edna Adrian.

ADD VISTA to present structure, \$1000; Bella Vista Tract; owner, J. Sward.

DWELLING, \$5000; Lot 110 Ross Valley Park, San Rafael Ave.; owner, J. Burton.

DWELLING, \$4000; Lot 226 Short Ranch; owner, E. E. Morgan.

GARAGE, \$100; Short Ranch; owner, W. Blackford.

ADDITION to present structure, \$900; Ancha Vista Tract; owner, G. Goodale.

DWELLING, \$800; Lot 4 Blk 5 Section 1, Sequoia Park; owner, G. G. Gill.

GARAGE, \$200; Lincoln Park; owner, E. Meyer.

TIMBER BID ACCEPTED

Contract for the cutting of 300,000,000 feet of ripe timber on the North Marsh unit of the Klamath Indian Reservation in Oregon has been awarded to the Fremont Land Company of Minneapolis. The prices to be paid are \$5.53 per thousand feet for yellow and sugar pine; \$2.50 for Douglas fir and incense cedar and \$2 for other species. For a period beginning April 1, 1928, the prices will be advanced 12 per cent and later other increase will be made.

EDITOR'S NOTE.—The Fremont Land Company of Minneapolis, it was revealed at Klamath Falls after bids were entered for the Klamath Indian Reservation timber units, is a subsidiary of the Shevlin-Hixon interests, which control vast timber acreages in Deschutes and Klamath Counties in Oregon and also operate along the McCloud River in California. The other unit, the Long Prairie, was awarded last week to the Ewauna Box Company of Klamath Falls.

PIERCE-BOSQUIT
Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

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ROSS E. PIERCE, Manager
905 SIXTH STREET

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inside and outside)

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Beveling

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BUILDING *and* ENGINEERING NEWS

Publication Office
918 Mission Street

SAN FRANCISCO, CALIF., AUGUST 23, 1924

Published Every Saturday
Twenty-fourth Year No. 34

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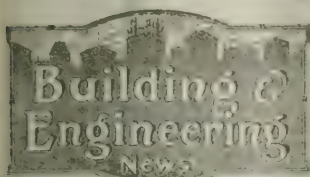
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

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AND FIGURES DON'T LIE

The calamity howler, particularly in some sections of the East, is having considerable to say these days relative to the business depression that is supposed to be enveloping California, but it would, hard bank figures that cannot be successfully disputed are a criterion—and they are, for there is no more marked reflection of the financial standing of a community than its bank deposits—the Golden State, instead of being in the slough of a business gloom, is enjoying a prosperity seldom equaled in the history of the commonwealth.

According to figures compiled by L. C. Willems, director of the Information Bureau of the San Francisco Chamber of Commerce, the total bank deposits in California up to June 30, 1924, were \$2,717,307,136. On the same date in 1923 the bank deposits totaled \$2,545,291,328. This is an increase of \$171,314,608. These figures are an absolute refutation that business depression prevails in California.

But to get down to figures in the Bay District. The total bank deposits up to June 30, of 1924 for San Francisco, Oakland and Berkeley were \$1,169,038. In 1923 the deposits in the three cities mentioned were \$1,181,316,738—the tremendous gain of \$130,352,300. This increase is far in excess of any other section of the State.

The increase in Los Angeles bank deposits up to June 30, 1924, was \$32,632,776. The deposits in the agricultural sections of the State for 1924 up to June 30 were \$665,686,182 which is a substantial increase over the figures for the same 1923 period, and are proof that the "back country" of the state is enjoying the same prosperity as prevails in the seaport towns.

CEMENT OUTPUT AND ITS RELATION TO BUSINESS

Discussing output of cement in its relation to business and labor employment, "The Index," published by the New York Trust Co., says:

"Portland cement, as one of the basic commodities to be considered in gauging the course of business, presents an interesting exception to the general feeling of hesitancy which has been more or less prevalent in other basic lines. Government statistics for June and the first six months of this year, compiled by the Geological Survey, record a production for the month exceeded only by May, and for the period in excess of even last year, during which output for the year reached its maximum.

"Shipments for June were the greatest on record, and for the period only slightly less than in the first six months of 1923. This is in rather sharp contrast with steel, lumber, copper and other commodities.

"The significance of the present data relating to cement, however, lies in the fact that May is barometric of the year's trend for this commodity, and can be regarded as indicative of the volume of the full year's trend for this commodity, and can be regarded as indicative of the volume of the full year's manufacture and consumption.

"This is so because usage of cement is such that requirements must be anticipated well in advance, and ordinarily contracts for building and road work to be carried on during the year are well in hand by the end of May.

"Even if the extraordinary output of 1923 should not be exceeded and there should be a reduction of 10 per cent this year, 1924 would still be a year of noteworthy activity," declares "The Index." "Its relation to employment of common labor in road construction and of both common and skilled labor in building and other construction also enables the cement industry to shed some light on what may be expected in these fields."

WEATHER TESTS OF WIRE SCREENS PLAN OF STANDARDS BUREAU

Tests to determine the relative resistance to atmospheric corrosion of wire screens of different metals are planned by the Bureau of Standards of the Department of Commerce in co-operation with the American Society for Testing Materials. The metals to be included in the sets are copper, commercial bronze, low brass, aluminum bronze, silicon bronze, and Ambrac metal. All materials will be tested in the form of Standard No. 16 mesh screens.

The screens will be exposed to the weather in four locations: an inland location, an industrial center, a seacoast, and a tropical seacoast. The cloth of each material will be exposed on a painted frame that will withstand the weather. Three types of frame will be used: 12x12 inch wooden frames, 30x36 inch wooden frames, and 30x36 inch metal frames. The tests will be made in co-operation with the manufacturers of the materials. The Bureau of Mines, the Bureau of Light-houses, and the Panama Canal will co-operate with the Bureau of Standards in making the exposure tests.

M. C. VAUGHN, OAKLAND CONTRACTOR, IS ARRESTED IN LOS ANGELES

Merritt C. Vaughn, former Oakland contractor, has been arrested in Los Angeles. His arrest follows the issuance against him last January of a secret indictment by the federal grand jury.

Vaughn was found working as a carpenter in a suburb of Los Angeles, and will be returned to Oakland for trial.

In 1922 Vaughn was awarded the contract by Alameda county for the new \$480,000 Highland Hospital. The hospital contract proved to be a losing venture, and, before he became known to the public that his creditors had filed involuntary petitions in bankruptcy against him, Vaughn, it is alleged, realized on all his assets and disappeared.

A warrant on the county treasurer for \$45,000 was drawn, and he withdrew the balance on his bank account before leaving, according to evidence placed before the department of justice.

Vaughn's brothers, Aza V. and Wylie T. Vaughn, who are named as co-defendants in the indictment, became involved when Vaughn transferred to them all the equipment being used in the construction of the Highland hospital.

The government investigators claim they ascertained that, before leaving the city, Merritt Vaughn had paid certain promissory notes amounting to \$27,000, and that when he left he had about \$30,000.

Following Vaughn's disappearance the county, county officials, and the Globe Indemnity Company, security bondsmen for Vaughn, were made defendants by contractors and material dealers in suits to recover amounts they alleged were owed to them by Vaughn.

It was necessary that the building of the hospital be completed, and so, in order to protect itself, the county awarded to the Globe Indemnity Company the remainder of the contract for the sum of \$153,344. This sum represented the difference between the amount of the original contract and the money already paid Vaughn. The hospital is still in the process of construction.

SAND AND GRAVEL SOLD IN 1923

The sand and gravel sold in the United States in 1923 amounted to 139,932,153 short tons and was valued at \$30,903,654, according to reports made by the producers to the Department of the Interior through the Geological Survey. These figures show an increase of about 48 per cent in quantity and 41 per cent in value over those for 1922. There was a general increase in both the quantity and the value of all classes of this material sold except in the value for filter sand. A special canvas of railroad companies was made in 1923 in order to obtain more complete reports of non-commercial material used by them, and the figures obtained make up in part the large increase (146 per cent) shown in the quantity of gravel used for railroad ballast. The sale of sand and gravel for use in the construction of buildings and pavements also showed a large increase. The figures for 1923 include returns obtained from 2428 sand and gravel plants, which is 443 more than the number represented by the figures for 1922.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



California, which leads the world in automobile registration, is also the "black spot" in high percentage of automobile fatalities, according to figures compiled by the statistical department of one of the leading life insurance companies, says Percy E. Towne, chairman of the public safety department of the California State Automobile Association. These figures, according to Towne, compiled on a basis of fifteen million policy holders in the United States, disclose the fact that California leads the nation with a record of 25.8 deaths per 100,000 as a direct result of automobile accidents. New York state, which led California in 1923, the year covered by the records, in total number of motor vehicles registered, has a record of only 17.5 deaths per 100,000, while Ohio and Pennsylvania, next in order in point of registration, had 19.1 and 17.1 respectively. Michigan, sixth in the order of states in total registration, was second to California in the percentage of fatalities, with 20.6 per 100,000. The average for the United States as a whole was 16.4.

The application for a restraining order against the International Association of Bridge, Structural and Ornamental Iron Workers asked for by the Iron League of New York has been refused by Justice Lydon of the Supreme Court. The injunction called for the restraint of all officials and members of the union in the metropolitan district from interfering with the non-union men employed by the members of the Iron League. The League recently instituted a suit against the union in which it demanded \$6,000,000 damages, and the union immediately retaliated by suing the Iron League for damages in the amount of \$10,000,000.

Bookings of architectural terra cotta by 26 manufacturers who produced about 95 per cent of the architectural terra cotta in 1922, have been reported to the Department of Commerce for the first seven months of 1924 and are shown below in tonnage and in value. Values exclude freight, cartage, duty and setting charges. Bookings for the past seven months are summed up as follows:

	Net tons	Value
January	16,240	\$1,561,518
February	13,227	1,467,539
March	12,022	1,316,553
April	13,011	1,570,117
May	10,171	1,229,551
June	10,807	1,127,928
July	10,831	1,475,672

A voluntary petition in bankruptcy has been filed in the United States district court in Tacoma by the C. A. Taylor Log & Lumber Company of Lindberg. The petition listed liabilities totaling \$68,410 and assets of \$57,443. The F. & F. Lumber Company of Pe Ell also filed a voluntary petition in bankruptcy. The liabilities of the company are listed at \$1,951, with no assets.

Red River Lumber Company, in connection with its lumbering interests at Westwood, Lassen County, is erecting a pine veneering plant 200 feet long and 160 feet wide. The company has 3000 men employed in Westwood and vicinity.

Los Angeles building permits for the first 13 days of August, 1924, show a decided increase over permits for the same period last month. Valuation of 1648 permits issued during the first 13 days of August is \$4,582,764, as compared with 1364 permits and a total valuation of \$3,807,735 for the same period of July, this year. Compared with same period of August, 1923, the total was \$3,687,969 with 2364 permits issued, and 1512 permits issued in the same period of July, 1923, with a valuation of \$4,163,675. The total for the current year to date is 32,948 permits, with a valuation of \$95,011,284, making a favorable comparison with totals for the same period 1923, when 36,764 permits were issued with a total of \$117,660,154.

The construction industry is in much the same frame of mind, as the boy who has been exposed to chickenpox—waiting to "break out," is the way the Monthly Digest, issued by the Common Brick Manufacturers Association, sizes up the situation. The threatened building slump that was freely predicted on all sides early in the year failed to materialize. The Association reports that there is an unusually good demand for brick, which is generally an indication that there is no slump in the construction industry. The brick manufacturers are optimistic over the outlook for the balance of the year.

American Plywood Company, capitalized at \$500,000, will erect a plant in Stockton for the manufacture of glue, veneers, plywood and plywood products. Cefr Rosenthal, civil engineer, is president of the company and W. D. Thurman, president and general manager of the California Cedar Products Company of Stockton is vice-president. Other interested are: A. E. Gianelli and Wm. J. McMillan, the latter for many years associated with the Reno National Bank of Reno. It is proposed to erect the Stockton plant on the unit basis, extensions being constructed when increase business warrants a larger production.

As a result of the recent ruling of the Interdepartmental Board of Contracts and Adjustments on the "separate contract system" a meeting of plumbing and heating contractors was held in Wilmington, N. C., to protest against the action of the Board. The meeting went on record in favor of the letting of separate contracts and a committee was appointed to take the matter up with the proper authorities.

July production of Portland cement totaled 14,029,000 barrels as against 13,538,000 in June and 12,620,000 in July 1923. Shipments of Portland cement made a similar high record in July, a total of 16,614,000 barrels, comparing with 15,036,000 in June and 13,712,000 a year ago. Stocks of Portland cement at mills on August 1 totaled 12,318,000 barrels, as against 14,903,000 in July 1, and 8,081,000 barrels a year ago.

Out of 548 wage changes effective during the past seven months 484 were increases and 64 reductions according to the National Industrial Conference Board.

J. S. Eastwood, well known civil engineer and designer of the Eastwood multiple arch dam, was drowned Aug. 10 while swimming in a reservoir at his ranch near Fresno. Among the 17 noteworthy dams for which he prepared designs are the Lake Hodges, Murray and San Dieguito dams in San Diego county, Big Bear Lake in San Bernardino county and Little Rock dam in Los Angeles county.

Marshall K. White, assistant city engineer of San Mateo, has been appointed acting city manager and city engineer pending the appointment of a permanent official. C. F. Price, former city manager, resigned.

The National Association of Builders' Exchanges announces that the next convention of the organization will be held in Los Angeles on February 23, 24, 25 and 26, 1925.

HIGHWAY SIDEPATHS PROPOSED TO PREVENT ACCIDENTS

Why should people walking along our highways be compelled to walk in the path of a trackless locomotive? This is the question that is agitating many who use American highways— from the motorist who rounds a curve to find in his path a number of children returning home from the country school, to the country lad who has to use the highway in getting to the cow pasture and the suburbanite who walks over it to make a call upon a neighbor. In certain sections of America the rural towns are so close together and the population is so dense that the country roads are used constantly by pedestrians for lack of sidewalks. This is true particularly of all the New England states and New York, New Jersey, Pennsylvania, Delaware, Maryland and other states. In New Jersey at the present time the matter of constructing sidepaths along the highways is being seriously agitated as the result of numerous accidents to pedestrians on the highways. The State Highway Department has given considerable thought to the proposition and it is not improbable that the State Legislature will authorize the department to undertake the construction of side paths along some of the principal highways at least.

Resolutions were recently adopted by the New Jersey Association of County Engineers recommending passage by the New Jersey Legislature of a law authorizing the laying of sidewalks along all state and county roads and authorizing condemnation of property for the purpose where there is insufficient width. It is proposed that the act be not mandatory but that it give discretionary powers to the boards of county commissioners with respect to county roads and to the State Highway Commission where state highways are involved. In New Jersey the proposition has been welcomed by motorists and pedestrians as well as public officials.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.



Hotel Casa Del Rey—Headquarters For Builders' Day Outing, Santa Cruz

The Casa Del Rey is situated on the beach at Santa Cruz and is one of the most beautifully equipped hotels in California, artistic in design and elegant in furnishing. It is built in the pleasing Spanish style about a central garden, or patio, filled with palms, shrubs and flowers. It contains luxurious appointments and all the features and refinements of the modern fireproof metropolitan hotel of 300 rooms. Casa Del Rey is on the Southern Pacific Railroad line. It can also be reached over three different auto routes: the Coast Road via Half Moon Bay; the scenic Santa Cruz Mountain Road via Los Gatos and Glenwood; through the Big Basin via Saratoga Springs.

Record Attendance Expected At Annual Builders' Outing

The switch in location from Monte Rio to Santa Cruz for the annual Builders' Day Outing, August 30, 31 and Sept. 1, has struck a responsive chord among the members of the various builders' exchanges in Northern and Central California.

Santa Cruz will entertain the builders in royal fashion. All sorts of arrangements are in course of formulation to welcome what is expected to be the biggest gathering of the construction industry ever witnessed in this section.

Bill Feary, chairman of the Builders' Exchange Committee is full of pep and his committee is backing him to the hilt for the event. The four previous parties of the builders, the first two at Big Basin and the last two at Capita-

tola, were all voted "some parties," but the coming event at Santa Cruz, according to Feary, will easily surpass the others.

"We were never offered such facilities for our outing as Santa Cruz holds out to us," said Bill Feary yesterday. "First of all Santa Cruz is within easy machine drive of the city. Then the hotel accommodations are excellent and the rates the best possible, and when these rates are backed by the Chamber of Commerce of Santa Cruz we know we are going to get what we are guaranteed. The great ball room has been turned over to us entirely and as there is a stage fully equipped our world-famed 'Builders Follies of 1921' will be able to spread themselves to the limit. Our entertainment committee will have plenty to offer out-

side the Follies, and the kiddies and the ladies will be fully catered to. The Casa Del Rey Hotel will be the headquarters. These facts are enough to warrant a record breaking crowd of you builders going over the week end to Santa Cruz."

Special arrangements are being made at Santa Cruz to handle the big builders party. The Chief of Police is working with the Chamber of Commerce to assure plenty and proper automobile accommodation and parking and a special set of "rules of the road" are being worked out for the special benefit of the Builders' Day.

The Mayor of Santa Cruz has a citizens' Committee working and the seaside city will be prepared to welcome and entertain and house everyone who desires to make the trip. Those going are urged to make immediate application for rooms. The committee will handle all these details for you, simply let the committee know you want accommodations for yourself and family.

CALL ISSUED FOR BUILDERS TO GATHER AT CASA DEL REY

Charles W. Compagnetta, San Francisco general contractor and president of the California State Builders' Exchange, has issued the following announcement requesting the attendance of every exchange in California, at the Annual Builders' Day festival:

"We are having a most organized effort and the results that have been accomplished in the Building Business during the last few years have proven conclusively that it pays to organize, and particularly in the case of San Francisco, where since 1920 when the American Plan became effective, large building operations could not be consummated at lesser costs than formerly, thereby, encouraging the owners to invest more freely in buildings and making more business for the contractors.

"The records show that the July 1924, building permits for San Francisco amounted to nearly four millions of dollars or about 24% more than July 1923 and was the largest total for any July since the first of 1909.

"That the building processes of the whole State should be welded together has been the aim of the writer since he was at that time organized the State Builders' Exchange, and though the results to date have not been 100% mainly because many of us are tied up by agreements with the Unions, yet it has been possible to maintain the present organization, and by an educational effort of the leaders in this movement it can be made a success.

"A meeting of the State Builders' Exchanges has been called at Santa Cruz for August 23rd and 24th September 1st, and every exchange should be represented and take an active part in the proceedings."

WAGE SCALES FOR SKILLED WORKERS HOLD FIRM

Notwithstanding the general slowing up of business within recent months and the tendency of building activities toward more normal conditions in many parts of the country wage scales for skilled craftsmen are generally holding firm, according to a national building labor survey made by S. W. Straus & Co. The building labor situation is summed up as follows:

1. Practical disappearance of common labor shortage and a more plentiful supply of skilled labor.

2. Increased wage studies in many localities although companies seem to be disappearing and common labor has accepted some reductions in some localities.

3. Numerous strikes in various cities which have interfered with the progress of the building program during the summer.

4. Increased dependence upon apprentices and training schools to supply the annual requirements of some 35,000 men.

"The national trend of building wages is still upward, although in a few smaller cities there has been a perceptible tendency to reduce wages of skilled craftsmen," says the survey. "The payment of bonuses seems to be disappearing generally and common labor, of which there is now a plentiful supply, has accepted some reductions in some localities. High wage records have been attained during the past six months in many cities and employers in some cities have organized a bitter fight against further increases."

"The office boy had made a slight mistake, and his boss was now finishing a long tirade on his general inefficiency. 'You're a fine kind, you are,' he howled. 'Here I've taught you everything I know and still you don't know anything.'"

ORGANIZATION

The organization movement has always had a strong champion in the person of Secretary of Commerce, Hoover. Mr. Hoover has repeatedly urged that business men in every line should be thoroughly organized. One of the functions of organization according to the Secretary is to eliminate evil practices in industry. Mr. Hoover in a recent statement said, "The question we need to consider is whether these rules and regulations are to be developed solely by government or whether they cannot be, in some part developed out of voluntary forces in the industry. In other words, can the abuses which give rise to government in business be eliminated by the systematic and voluntary action of business itself? A great deal of legislation is due rather to the inability of business hitherto to so organize as to correct abuses than to any lack of desire to have it done. Legislative action is always clumsy—it is incapable of adjustment to shifting needs. It often produces new economic currents more abusive than those intended to be cured. The best rule of these regulations would be sweeping outlawed out of the country if it is possible to devise out of the common sense and cooperation of business itself those constructive reforms which will eliminate waste and prevent unfair dealing."

STOCKTON BUILDERS INCORPORATE

The Stockton Builders' Exchange, organized for the maintenance of a just and equitable system of dealing, has filed articles of incorporation with the county clerk in that city. The corporation has no capital stock. Its membership is open to building contractors and dealers in building materials. The directors are: O. H. Chain, Edward Riley, Charles Rich, M. W. Hild, Charles Frederickson, T. P. Hinkley, J. E. Garrow, T. E. Williamson, O. H. Miller, W. F. O'Keefe and W. H. Falconbury.

ELECTRICAL MEN MEET

Representatives from all Monterey Bay towns attended a dinner-meeting of the Monterey Bay Electrical Development League at Watsonville, Aug. 19. The dinner-meeting was held following a theatre party. R. Griffen of Stockton was present as a special representative of the Western States Gas & Electrical Company and gave an instructive talk on that corporation's new plant above Placerville on the American River. Motion pictures showing the life of Thomas Edison and his plant closed the meeting.

EMPLOYERS WIN MORE VICTORIES THAN EMPLOYEES

Out of 8,081 strikes on which accurate data is available from 1916 to 1923 inclusive, employers won 4,237 and employees 3,844 according to the U. S. Department of Labor. From 1916 to 1918 the victories won by employers were in the majority. The pendulum then swung the other way and during the next four years employers were credited with the most "wins." In 1921 employers won 701 strikes as opposed to 256 victories by the workers.

MASTER PLUMBERS OF OAKLAND INSTALL OFFICERS

Installation of officers was held Aug. 13 at the Hotel Oakland by the Master Plumbers' Association of Oakland, Berkeley and Alameda, together with a program which included talks of practical interest to the craft and entertaining features. The principal talk was given by William H. Barry on the subject of "Sanitary Engineering." Songs and other features were furnished by visiting members of the vaudeville stage.

The officers installed are: President, L. J. Kneass; vice-president, W. H. Leonard; secretary, J. E. Morse; treasurer, A. H. McKown, and sergeant-at-large, F. H. Brown. L. W. Brown, past president, conducted the installation.

George Stoddard of Berkeley, acting in the capacity of master of ceremonies, presided at a most interesting musical and literary evening, featuring five-minute talks by Herbert Graham on "Plumbing, a Potent Factor in Legislative Propaganda"; A. Garrod on "The Health of the Nation"; L. J. Kneass on "Application of Plumbing and Heating Toward Civilization"; W. H. Barry on "Relationship of the Bath to National Sanitation"; and W. A. Edgeworth on "Plumbing, a Scientific Vocation."

The membership present, as well as several invited guests from the community, singers and professional walks of life, gave vent to their appreciation of the evening's selections in a series of songs and hearty applause. The evening marked another successful step on the part of the association through its policy of educational interest, it being a part of the year's program to place the Apprenticeship School on a high standard of mathematical, scientific and hygienic curriculum.

With the purchase of a home, the bonding of its membership, the installation of a credit bureau, and the placing of the association under the guidance of a business management, as well as the employment of an estimator, the association looks forward to a year of most civic accomplishment, says Stoddard.

LARGE IRRIGATION PROJECT PROPOSED AT MADERA

Construction of one of the large-irrigation systems in the state, which will make Madera county one of the leading producers in California, is expected to be under way within a year. This is the San Joaquin water storage district, which has been formed after much threatened litigation. The acreage will be 552,000, with some lands in Fresno, Merced and Stanislaus counties.

In 1920 the Madera irrigation district was formed, and the following year the people voted \$28,000,000 to build the system to water 350,000 acres. Litigation was begun by smaller projects within the district which were taking water from the headwaters of the San Joaquin river. This has finally been compromised and a new district formed to be known as the San Joaquin district.

The reservoir is to be created a mile from Friant. The dam will be the highest in the state—120 feet long, 25 feet high, containing 1,500,000 cubic yards of concrete and store 600,000 acre-feet of water. The lake will be eighteen miles long, three miles wide and 300 feet deep. Incidentally, 650 hydro-electric horse power will be created.

Martinez—\$70,000 Subway planned. Santa Fe Christie Crossing in Franklin Canyon.

TRADE NOTES

A firm advertising as "one of the nation's largest manufacturers of building plans and accessories" equipped, desiring to complete its chain of national distribution by establishing a local distributor, wants a district manager to act as distributor. It is said his market offers great possibilities for this particular type of product in which coal, oil, gas or wood may be used as fuel. Complete information regarding qualifications and financial responsibility should be given when seeking the position. Address all communications Box 31,260, The Examiner, Hearst Bldg., San Francisco.

The Bull Dog Floor Clip Company of Vancouver, B.C., was notified July 29 by the U. S. Patent Office of the issuance of its patent. The issuance of this patent ends a two year litigation with Jines K. Cole, (Minson Manufacturing Company), as to who was entitled to the patent. The original bull dog floor clip patent was an invention of C. A. Prockett in 1921. The floor clips are a device for laying wood floors on a concrete base.

H. A. Larsen, formerly with the Wickwire-Spencer Co., has been appointed Pacific Coast Manager of the National Steel Fabric Company with temporary offices at 564 Market street, San Francisco. Mr. Larsen is seeking a warehouse and permanent office location.

Fraga & Ramus Mill & Lumber Company has purchased 15,000 square feet of land adjacent to its present yard in Twenty-ninth avenue between Seventh and Chapman streets, Oakland, and is constructing an addition covering 3500 square feet on the newly acquired site.

George E. Nicholson, of Kansas City, Mo., has disposed of his interests in the Yosemite Portland Cement Company, of Merced, Cal., and has resigned as its president and director.

J. C. Draper, formerly connected with the Home Builders' Association of Burlingame, will open an electrical store in Burlingame avenue, that city, about Sept. 1.

Modesto Paint & Wall Paper Co. has opened new and enlarged quarters at 1304 H street, Modesto. Matt D. Deane and Wm. J. Hickox operate the concern.

Wm. L. Aisthorpe, former salesman of the Griswold Lumber Company, has been appointed manager of the company with headquarters at Chico.

APPRENTICESHIP IN IOWA

The Master Builders Association of Iowa announces that the first step in apprenticeship training in the building trades of the state will be taken next winter. If present plans materialize, a class for bricklayers will be organized first. Officials of the State Board for Vocational Education and Iowa State College are co-operating with the contractors in the movement.

SO SAY WE ALL

Dumb: "Knee length skirts have reduced street car accidents fifty per cent."

Well: "Wouldn't it be fine if accidents could be prevented entirely."

Just The Core

Compiled by
California Development Ass'n.

Alameda—\$700,000 to be spent for construction of 3 modern high school buildings.

Anahim—Glass factory to be erected West Virginia Lamp Chimney Co. to employ 200 men.

Arcadia—\$230,000 bonds to be voted September 1st, for street paving.

Bakersfield—\$93,000 bonds for school improvements to be voted August 15th. \$45,000 Union Avenue Subway being constructed; \$150,000 plant being planned by Pacific Gasoline Company.

Berkeley—\$500,000 John Hopkins Institute of Art being planned for University of California.

Contra Costa County—\$100,000 to be spent at Giant in constructing a group of 20 buildings.

Crescent City—\$90,000 appropriated for Harbor Improvements.

Crockett—\$125,000 to be spent by California Hawaiian Sugar Refining Co. for additional warehouses.

Culver City—\$75,000 voted to complete sewer system in Imp. Dist. No. 2.

El Centro—\$265,000 hotel planned for Calexico, Mexico.

Fresno County—\$130,000 bonds voted to finance sewage disposal plant at Reedley.

Glendale—\$100,000 stadium being planned at Los Felix Rd. and Central Ave. Architects, Walker & Eisen.

Lankershim—\$780,000 bonds to be voted Sept. 16th, to finance water system.

La Verne—\$50,000 orange and lemon packing plant to be erected soon.

Long Beach—\$720,000 investment planned by City for cast iron water pipe to be used for main extension and repair; Marine Holding Corp., capital stock \$1,000,000 plans to construct 8-story bank building at Pine Ave. and Broadway.

Los Angeles—\$245,000 six-story hotel planned at Washington St. and Central Ave.; \$500,000 5-story office and garage building planned at Hollywood Blvd. and Sycamore Ave. Architect, Richard D. King.

Oakland—\$150,000 to be spent for underground conduit in 35th Ave. and Foothill Blvd., by Pacific Telephone & Telegraph Co.; \$120,000 6-story hotel to be erected at 16th St. between Jefferson and Grove Sts.; \$1,100,000 investment planned for construction of 5 apartment buildings; \$250,000 sub-station to be erected by the Pacific Gas & Electric Co.; \$90,000 investment in new buildings, planned by Orinda Golf & Country Club.

Palo Alto—\$80,000 voted for extension of municipal water and power system.

Reedley—\$130,000 voted for improvement of sewer system.

Richmond—\$750,000 to be spent in additions and improvements by Atlas Power Co.

Roseville—Modern store building to be erected by Peadyment & Son.

Sacramento—\$1,000,000 Union Passenger Depot planned by Southern Pacific Co.

San Francisco—\$1,500,000 15-story annex to Cliff Hotel planned; \$1,750,000 investment being planned by City and County for construction of 6 hospital buildings; \$400,000 ice plant at Lombard and Montgomery Sts., A. Torigino, architect; \$700,000 to be expended by City on pipe contract for Dumbarton cut-off.

Niles—\$250,000 concrete highway being planned between Niles and Pleasanton.

PUBLICATIONS

"American Colonial Architecture," by Joseph Jackson, is a rapid survey of the manners of the colonists, rather than a work on architectural designing and intended to show the causes which led to the adoption of what is called the colonial style of architecture. The book was written, says the author, in an effort to show the origin of this style and the circumstances under which it was developed. David McKay Company are the publishers, 604-608 South Washington Square, Philadelphia, Pa. The price of the volume is \$2.00 net.

The Truscon Steel Company, Youngstown, Ohio, has issued a four-page folder featuring Truscon Copper Steel lintels. The lintels are made in four sizes: 2'6", 3'6", 4'6" and 5'6". The folder describes the lintels as being "light in weight yet of maximum load capacity and easy to handle." Copies of the folder will be furnished on request.

"Seasonal Operations in the Construction Industries" is the title of a new bulletin issued by the Department of Commerce. It is a summary of a report and recommendations of a committee of the President's Conference on Unemployment. Copies of the bulletin may be obtained for five cents each from the Superintendent of Documents, Washington, D. C.

INCOME TAX RULING ON SALARY FOR CONTRACTORS

Salaries paid the general officers of a contracting company must be deducted in the year in which they are paid or accrued, and cannot be deferred until completion of contracts even though the return is prepared on a completed contract basis, by an important income tax ruling just handed down by the Committee on Appeals and Review, according to M. L. Seidman, tax expert, of Seidman & Seidman, certified Public Accountants.

The question arose in the case of a contracting corporation that had consistently made out its income tax returns on the basis where the profit on any contract was not determined until the contract was completed. In one of the years when the contract was still under way, it paid its general officers a certain salary. As none of the contracts were completed in that year it had no income to offset against the officers' salaries, and it claimed the right to take the deduction in the year when the contracts were completed and the profit on them reported.

It was held by the Committee, Mr. Seidman explained that if the officer devoted his time during any one year to any particular contract, the proportionate amount of his salary could be regarded as a cost of completing the contract, and claimed as a deduction in the year in which the contract was completed. However, in the case of general officers whose services are used in connection with the business of the company as a whole and not definitely in connection with the completion of any particular contract, the salaries paid such officers, the committee held, can be deducted only in the year in which they are paid or accrued.

"This ruling is of extreme importance," Mr. Seidman declared, "because of its general application. It would apply not only to deductions for officers' salaries, but also to such general items as depreciation, rent, etc."

Building News Section

APARTMENTS

Owner Taking Figures.
APT. BLDG. Cost, \$35,000
SAN FRANCISCO, Corner Guerrero and
Liberty Sts.
Three-story frame apartment building
(12 apts. 3-rms. each).
Owner—E. Ellingson.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Plans To Be Revised.
APTS. & STORES Cost, \$45,000
SAN FRANCISCO, North Beach District
Three-story frame and stucco (8) apts
and (5) stores.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Owner Taking Segregated Figures.
APT. BLDG. Cost, \$12,000
SAN FRANCISCO, NW 14th & Noe Sts.
Two-story and basement frame apart-
ment building. (4 apts).
Owner—G. Molakidis, care architects.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Contract Awarded.
APARTMENTS Cost, \$40,000
STOCKTON, San Joaquin Co., Cal. No.
707 N-San Joaquin St.
Frame and stucco apartment building.
Owner—Dina Wallin and L. Zimmer-
man.
Architect—None.
Contractor—L. S. Peletz, 619 E-Miner
St., Stockton.

Contract Awarded.
STORE & APTS. Cost, \$16,000
OAKLAND, NE Cor. Grand Ave. and
Weldon St.
Two-story 15-room frame store and
apartment building.
Owner—G. E. Thompson, 458 Lakeshore
Blvd., Oakland.
Contractor—H. E. Thompson, 458 Lake-
shore Blvd., Oakland.

Plans Being Figured.
APARTMENTS Cost, \$200,000
SAN FRANCISCO, Nob Hill.
Nine-story class A community apart-
ment.
Owner—Withheld.
Architect—Carl Werner, Santa Fe Bldg
San Francisco.

Construction Under Way.
APARTMENTS Cost, \$35,000
SAN FRANCISCO, Cor. Guerrero and
Liberty Sts.
Three-story frame apartment building
(12 apts. of 3-rooms each).
Owner—E. Ellingson.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

SANTA MONICA, Los Angeles Co.,
Cal.—Mann-Walker Bldg. Co., 419 L. W.
Helman Bldg., Los Angeles, has the
contract for a three-story apartment
building on Ocean Front and Hill St.
Santa Monica, for E. J. McCartney.
There will be 12 apartments and store
on Ocean Front. Frame construction,
stucco exterior, brick front, tile and
composition roofing, gas heating sys-
tem, tile baths and drainboards, hard-
wood floors, pine trim, wall beds, re-
frigerators. Cost, \$57,000.

LOS ANGELES, Cal.—Security &
Construction Corp., 426 Union League
Bldg., has the contract for a two-story
Class C store and apartment building
on the northeast corner of 52nd St. and
Vermont Ave. for E. Gerleman. There
will be 5 stores and 17 single apart-
ments. Dimensions, 102X130 feet, brick
walls, composition roofing, gas radi-
ators, automatic water heaters, tile
baths and drainboards, hardwood and
cement floors, pine trim, wall beds,
plate glass. Cost, \$57,000.

SEATTLE, Wash.—Alexander Pear-
son, Mutual Life Bldg., Seattle, at
approx. \$100,000 awarded contract by
J. G. Price to erect two and part three
story store and apartment bldg. 12
120 ft. at n. e. corner of Eastlake Ave.
and Denny Way; will be rein. conc. and
masonry construction. H. H. Ginnold,
architect, Arcade Bldg., Seattle.

SEATTLE, Wash.—Arch. John A.
Cruetzer, Leary Bldg., taking bids to
erect 3-story 120 by 120 ft. masonry
construction apartments at 1619 Minor
Ave. Owner's name withheld.

LONG BEACH, L. A. Co., Cal.—Geo.
A. Trekel, 1256 Cherry Ave., Long
Beach, has the contract to erect a
\$65,000 two-story brick apartment
building at 533-639 Elm Ave., Long
Beach, for Malcolm E. Smith, Found. 42x
143 ft. comp. rf., hardw. fls., tile
baths, dis. beds, gas rads.

BONDS

BAKERSFIELD, Kern Co., Cal. —
Kern Co. Bd. Sups. approved \$6000 bond
issue for new schools in Rockpile
school district.

LOOMIS, Placer Co., Cal.—Loomis
Union Grammar School District votes
\$12,000 bonds to supplement the \$49,000
voted several years ago, for the erec-
tion of a new school building. At the
same time, it was also voted to raise
\$8000 additional by special taxation, to
be used in connection with the school.

MODESTO, Stanislaus Co., Cal.—
Until Aug. 27, bids will be received by
county supervisors for purchase of
\$8000 bond issue of Shiloh School Dist.;
proceeds of sale to finance school im-
provements.

MODESTO, Stanislaus Co., Cal.—Su-
pervisors sell \$5000 bond issue to
finance Mary Union School District
for premium of \$200; proceeds to
finance school improvements.

SAN BRENO, San Mateo Co., Cal.—
Election will be held Oct. 7 in San
Bruno School District to vote bonds of
\$50,000 to purchase additional land and
build and make additions to North
Hrae and Edgemont Schools.

SACRAMENTO, Cal.—Until Sept. 8,
bids will be received by county su-
pervisors for purchase of \$7500 bond issue
of Sutterville Heights School District.

REDWOOD CITY, San Mateo Co., Cal.
—Supervisors sell \$10,000 bond issue of
Burlingame School District for pre-
mium of \$262; proceeds of sale to finance
school improvements.

ROSEVILLE, Placer Co., Cal.—Bonds
of \$40,000 voted in Roseville School
District to erect new school in Vernon
Street.

NAPA, Napa Co., Cal.—Until Sept. 10
bids will be received by supervisors
for purchase of \$3500 bond issue of
Gordon Valley School District; pro-
ceeds of sale to finance school im-
provements.

BAKERSFIELD, Kern Co., Cal. —
Bakersfield School District rejects pro-
posal to levy direct tax of \$93,000 to
finance school improvements.

GALT, Sacramento Co., Cal.—Election
will be called at once in Galt
Union High School to vote bonds to
finance rebuilding of school recently
destroyed by fire. Recent election held
to vote bonds of \$100,000 to finance
erection of a new school failed to
carry.

CHURCHES

Sub Contract Awarded. Cost, \$1,000,000
SYNAGOGUE
SAN FRANCISCO, Arguello Blvd. and
Lake St.
Jewish Synagogue.
Owner—Temple Emanuel-El, 450 Sutter
St., San Francisco.
Architect—Sylvan Schnaitacher, 233
Post St., San Francisco.
Contractor—McDonald and Kahn, 130
Montgomery St., San Francisco.
Steel reinforcing bars awarded to Badt
Palk & Co., Cal Bldg., S. F.

As previously reported, structural
steel was awarded to Moore Dry Dock
Co., Foot Adeline St., Oakland.

ALHAMBRA, L. A. Co., Cal.—Arch. T.
C. F. Skilling, 430 Broadway Bldg., is
preparing plans for a new church bldg.
on the n.w. cor. of Main and Alhambra
Sts. Alhambra, for the First Method-
ist Episcopal Church of Alhambra. The
main auditorium bldg. will be 50x95
ft. and will have a seating capacity of
650 people on the main floor and 350
on the balcony. The educational bldg.
dimen. are 65X140 ft. and will have a
gymnasium, stage, Sunday school depts
kitchen and rest rooms. Board
room and pastor's study bldg. dimen.
65X70 ft.; bldgs. to be connected by
cloisters. Spanish design, prob. brick
walls, plaster exter., tile rfg., art stone
with inserted tile entrances, hfg. unde-
cided, forced mechan. vent., indirect
light, sys., hardw. fls., hardw. trim,
wrought iron work, art glass. C. A.
Harding, Alhambra, is chairman of
bldg. comm., and Rev. E. J. Inwood is
pastor.

FRESNO, Cal.—A. K. Pinoris, pres.
Greek community of W. Fresno, con-
templates building new church at Col-
lins and Fresno Sts.

Material of Merit DOORS

Firedoors, Freight Elevator,
Garage and Warehouse Doors.
Fold-up-Doors, Tl-co-dors, Cobald-
dors, Wal-el-dors.—St. Louis
Fire Door Co.

STORE FRONTS

The newest and most diversified
store front.—Security Metal

Products Co.

SASH OPERATING DEVICES

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IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-
slipping flooring.—Irving Iron

Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

Low Bidder
CHURCH & SCHOOL. Cost, \$50,000
WOODLAND, Alameda Co., Cal.
 Plans and specifications and school
 with east Spanish styled
 teacher—First M. E. Church,
 Alameda. Tuttle & Tuttle, 345 12th
 St., Oakland.
 Mr. Baggett of Woodland submitted
 low bid.

FACTORIES AND WAREHOUSES

Plans Being Prepared.
FLAT BLDG. WISE. Cost, \$250,000
EMERYVILLE, Alameda Co., 45th St.
 bet. Watts and Hollis Sts.
 Crumway, 60 x 100-ft. assembly bldg.
 and warehouse (first unit of plant)
 Owner—Hubbard and Co., Pittsburg,
 Pa. (San Francisco office, Shelton
 Bldg.)
 Architect—Withheld.

The above structures comprises the
 first unit of the plant which will
 manufacture electrical equipment,
 specializing particularly in pole-line
 equipment. An administration bldg.
 is to be erected at a later date.

Construction Started.
FACTORY BLDGS. Cost, \$500,000
EMERYVILLE, Alameda Co., 45th St.
 Group of reinforced concrete factory
 buildings.
 Owner—Hubbard & Co., Sheldon Bldg.,
 San Francisco.
 Designer & Contractor—Austin Co., 605
 Market St., San Francisco.

Contract Awarded.
FACTORY. Cost, \$30,000
MODESTO, Stanislaus Co., Cal.
 One-story, reinforced concrete & brick
 tin can factory 50x180 ft.
 Owner—Borden Condensed Milk Co.
 Architect & Contractor—Davis-Heller-
 Pearce Co., Delta Bldg., Stockton.

Plans Being Prepared
WAREHOUSE. Cost, \$55,000
SAN FRANCISCO, NE 4th and Welsh
 Streets.
 Two-story and basement concrete class
 C warehouse 80x125 ft.
 Owner—Walter H. Sullivan, Alexander
 Bldg., San Francisco.
 Designer & Contractor—Geo. Wagner,
 181 South Park St., S. F.

MODESTO, Stanislaus Co., Cal.—Geo.
J. Ulrich has contract for new ware-
 house at 9th and E Sts., for Grange
 Co., Henry Turner, president.

BAKERSFIELD, Kern Co., Cal.—
 Edison Citrus Assn., recently organized
 by Los Angeles interests, will let con-
 tract shortly for a \$30,000 packing
 plant to be erected in Edison Blvd.
 west of Arvin spur of S. F. Main line.
 Officers and directors of the new com-
 pany are, O. S. Tillman, president; Ar-
 thur Taylor, vice president; Carl Kie-
 selhorst, secretary. These executives,
 with Emil Ritzman and C. L. Jackson,
 comprise the board of directors of the
 association.

OAKLAND, Cal.—The Granitized Con-
crete Products Co., formerly of Sanger,
 Cal., has leased a site at 773 E-14th
 street, Oakland, and will establish a
 plant for the manufacture of cement
 brick with granite and marble facings.
 C. Frank Smith and J. P. Coates are of-
 ficers of the company.

SAN DIEGO, Cal.—Arch. Mott M.
Marston, 507 Douglas Bldg., and Fred
C. Allen, Jr., San Diego, are preparing
 plans for a manufacturing plant at San
 Diego for the Potter Radiator Corp.
 Saw tooth constr.; \$150,000.

SANTA ANA, Orange Co., Cal.—The
Vendor Distributing Co., 731 Pacific
Finance Bldg., has had preliminary
 plans drawn for 3 class A factory
 buildings to be erected on a 5-acre
 tract at Gertrude and Standard Aves.,
 Santa Ana. The buildings will be re-
 inforced concrete construction, 3 story
 and basement, composition roofing,
 steel sash, cement floors, sprinkler sys-
 tem. Each building will be about 60x
 120 feet. Cost, \$150,000.

BEVERLY HILLS, Los Angeles Co.,
Cal.—Mottan Co., Room 6, Ketchikan
Bldg., has prepared plans and has the
 contract to erect a sub-station at Beverly
 Hills for the Sunset Holsery Mills Co.
 Brick walls, steel frame construction,
 one-story, 50x150 ft., pressed brick
 facing, composition roofing, cement
 floors, metal skylights, steel sash,
 wire glass.

LOS ANGELES, Cal.—Beverly Hills
Ice & Cold Storage Co., consisting of
 H. Clyde Harms, Merritt Bldg., atty., H.
 H. Thrasher Jr., J. W. Fagan, J. H.
 Townsend and J. A. Limbach, contem-
 plate erecting a large ice and cold
 storage plant in Beverly Hills. The
 building will probably be of reinforced
 concrete construction and will cost
 about \$100,000. No architect has been
 retained.

FLATS

Completing Plans.
FLAT BLDG. Cost, \$50,000
SAN FRANCISCO, E line Scott near
Chestnut.
 Five 2-story frame and stucco flat
 bldgs. (2 in each).
 Owner—Meyer Bros.
 Designer & Contractor—Meyer Bros., 1
 Montgomery St., San Francisco.

Contract Awarded. Cost, \$10,000
BUILDING.
SAN FRANCISCO, N Lombard 112-6 E
Jones St.
 Two-story and basement frame flat
 building (2 flats).
 Owner—Sam Gravello, 827 Greenwich
 St., San Francisco.
 Architect and Contractor—F. Ennis,
 Jr., 340 Eddy St., San Francisco.

Contract Awarded. Cost, \$26,000
FLATS.
SAN FRANCISCO, NE Grant Ave. and
Greenwich St.
 Three-story and basement frame flat
 building (9 flats).
 Owner—L. N. Santini and E. Giampoli-
 ni, 619 Washington St., S. F.
 Architect—J. A. Porrazo, 619 Wash-
 ington St., San Francisco.
 Contractor—S. Montani 1753 Greenwich
 St., San Francisco.

Plans Completed. Cost, \$10,000
FLATS.
SAN FRANCISCO, NW Fulton St. and
Thirty-eighth Ave.
 Two-story and basement frame flat
 building (8 flats).
 Owner—Arthur Stevens, 4026 Fulton
 St., San Francisco.
 Architect—None.

Plans Completed. Cost, \$12,000
FLATS.
SAN FRANCISCO, SW Cabrillo and
Twenty-third Ave.
 Three-story and basement frame flat
 building (6 flats).
 Owner—H. O. Lindeman, 619 27th Ave.,
 San Francisco.
 Architect—None.

Plans Completed. Cost, \$10,000
FLATS.
SAN FRANCISCO, E 15th Ave 175 N
Fulton St.
 Two-story and basement frame flat
 building (2 flats).
 Owner—Edw. E. Manseau, 690 6th Ave.,
 San Francisco.
 Architect—None.

Res. Phone Piedmont 482

M.J. MacDonough STUMPS PULLED LAND CLEARED

**TREE SURGERY
 EXPERT POWDER WORK
 Trees Trimmed or Removed
 Equipped with Stump Pullers
 and Power Saws
 8212 Baker St., Berkeley, Calif.**

Contract Awarded. Cost, \$17,000
FLATS.
SAN FRANCISCO, E Guerrero 150 S
Seventeenth St.
 Three-story and basement frame flat
 building (6 flats).
 Owner—A. B. Torelli, 3538 17th St., San
 Francisco.
 Architect—P. Righetti, 12 Geary Street
 San Francisco.
 Contractor—E. F. Mazuchni, 1006
 Hampshire, San Francisco.

Contract Awarded. Cost, \$50,000
FLATS.
SAN FRANCISCO, SW Clay and Baker
Streets.
 Three-story and basement frame flat
 building (6 flats).
 Owner—Arthur Laib, 2882 Jackson St.,
 San Francisco.
 Architect—None.
 Contractor—Emil Nelson, 310 Allston
 St., San Francisco.

Contract Awarded. Cost, \$12,000
FLAT BLDG.
SAN FRANCISCO, S Broadway 300 E
Jones.
 Two-story and basement frame flat
 building (4 flats).
 Owner—Ernest Kennedy, 1041 Broad-
 way, San Francisco.
 Designer—E. Williams, 1039 Broadway
 San Francisco.
 Contractor—L. H. Stevenson, 45 Worth
 St., San Francisco.

Plans Complete. Cost, \$10,000
FLAT BLDG.
SAN FRANCISCO, N California betw.
Spruce and Locust Sts.
 Two-story and basement frame flat
 building (4 flats).
 Owner—George Healing, 3665 Sacra-
 mento St., San Francisco.
 Architect—W. A. Armitage, Call Bldg.,
 San Francisco.

Contract Awarded. Cost, \$11,398
FLAT BLDGS.
SAN FRANCISCO, Fulton E of 22nd
Avenue.
 Two-story frame and plaster flat bldgs
 Owner—Sol Bibb.
 Architect—Henry Shermund, Hearst
 Bldg., San Francisco.
 Contractor—Paul K. Jones, 180 Jessie
 St., San Francisco.

Completing Plans. Cost, \$15,000
APT. HOUSE.
SAN FRANCISCO, S Clay E Presidio.
 Two-story and basement frame and
 stucco apartment house (4 apts.
 3-rooms each).
 Owner—M. Shettel.
 Architect—Mel I. Swartz, Nevada Bank
 Bldg., San Francisco.

Contract Awarded. Cost, \$7500 each
FLAT BLDGS.
SAN FRANCISCO, E Powell 27-6 & 77-6
N Lombard.
 Three 2-story and basement frame flat
 buildings (2 flats in bldg.).
 Owner—Geo. I. Cadenasso, 139 11th St.,
 San Francisco.
 Architect—W. H. Armitage, 72 New
 Montgomery St., San Francisco.
 Contractor—John Harder, 872 39th Ave
 San Francisco.

Plans Complete. Cost, \$10,000
FLAT BLDG.
SAN FRANCISCO, S Fulton 131-3 E
Clayton.
 Two-story and basement frame flat
 building (4 flats).
 Owner—Anton Ondry, 775 5th Ave.,
 San Francisco.
 Architect—C. S. McNally, 651 Golden
 Gate Ave., San Francisco.

Contract Awarded. Cost, \$10,000
FLATS.
SAN FRANCISCO, N Carl 160 E Stan-
van St.
 Two-story and basement frame flat
 building (4 flats).
 Owner—Mrs. I. Murphy, 62 Carl St.,
 San Francisco.
 Architect—None.
 Contractor—F. H. Thorarinson, Con-
 gress Hotel, 1414 Fillmore St., San
 Francisco.

GARAGES

Sub Contracts Awarded. Cost \$18,000.
GARAGE, at app.
OAKLAND, W Broadway St. Mosswood.
 One-story concrete and steel garage.
 Owner—Hebrank, Hunter & Peacock.
 Architect—Wythe, Blaine & Olson, 1800
 Telegraph Ave., Oakland.
 Contractor—Hansen, Robertson and
 Zumwalt, 4145 Broadway, Oakland.
Reinforcing steel awarded to Truscon
 Steel Co., Gunst Bldg., S. F.
Sheet metal to Oakland Machinery Co.,
 569 3rd St., Oakland.
Glass to P. A. Smith, 638 4th St., S. F.
Marble to Roy Cook Marble Co Emery-
 ville.
Tile to Gladding-McBean & Co Crocker
 Bldg., San Francisco.
Roofing to National Roofing Co., 4057
 San Pablo Ave., Oakland.

SEATTLE, Wash. — Western Con-
 struction Co., Seaboard Bldg., at ap-
 prox. \$80,000 awarded contract by Alex
 Christie to erect 3-story and basement
 80 by 120 ft. reinforced concrete gar-
 age, auto repair shop, parts manufac-
 turing departments and paint shops
 on 12th Ave., bet. Pike and Fine Sts.
 Stuart and Wheatley, architects, Wal-
 ker Bldg., Seattle.

GOVERNMENT WORK
AND SUPPLIES

MARE ISLAND, Cal.—Bids will be
 acted shortly by Bureau of Yards and
 Docks, Navy Department, Washington,
 under Specification No. 4979, to con-
 struct psychopathic ward at Navy
 Yard (Hospital), Mare Island. Work
 includes plain and reinforced concrete;
 structural steel and other metal work;
 artificial stone; brick and hollow tile;
 tile and built up roofing; steel sash;
 metal covered doors and metal trim;
 wood doors, sash frames and trim;
 stucco; lathing and plastering; marble
 and tile work; hardware; screens;
 dumbwaiter; painting and glazing;
 plumbing, heating and lighting sys-
 tems. See notice under Official Pro-
 posal Column in this issue.

VISALIA, Tulare Co., Cal.—Federal
 Government has accepted offer of
 Adolph Sweet, Visalia, to erect building
 in Center St. facing county court-
 house for post office quarters. Post
 Office quarters will cover area of 52x
 115 feet. A store room, 26 by 60 ft. will
 be leased for private purposes.

OAKLAND, Cal.—Until Sept. 20, 11
 A. M., bids will be rec. by U. S. En-
 gineer Office, Customhouse for dredging
 in Oakland Harbor. Further informa-
 tion obtainable from above office.

SAN FRANCISCO—Contract awarded
 to Grinnell Company, 810 Brannan St.,
 San Francisco, at \$12,177 to install
 sprinkler system in U. S. Marine Corps
 depot supply warehouse has been with-
 drawn by the Bureau of Yards and
 Docks, Washington, D. C. The work is
 provided for under Specification No.
 5000-A.

SAN FRANCISCO—Until Aug. 29, 11
 A. M., bids will be rec. by U. S. En-
 gineer Office, 85 2nd St., under Order No.
 5492-617 to fur. and del. Rio Vista, So-
 lano County, miscellaneous hardware
 and supplies. List of materials de-
 sired on request from above office.

WASHINGTON, D. C.—Bids are being
 received by Bureau of Supplies and Ac-
 counts, Navy Department, Washington,
 D. C., to fur. materials to Navy Yards
 and Stations, as follows; date to open
 bids as noted at close of each para-
 graph:

Sched. 2530, various yards, brass and
 copper pipe and tubing, Aug. 26.
 Sched. 2534, Puget Sound, 7175 rubber
 gaskets, Aug. 26.
 Sched. 2537, Mare Island, 1250 ft. cast
 iron water pipe and 3 and 12-inch pipe
 fittings, etc. Sept. 2.
 Sched. 2539, Puget Sound, 2 precision
 bench lathes, Aug. 26.
 Sched. 2540, Mare Island, 18 tons
 structural steel, Aug. 26.
 Sched. 2542, Mare Island, 500 steamer
 engine grease cups and 75 oil cups,
 Sept. 2.
 Sched. 2543, Puget Sound, 1000 gals.
 carbon tetrachloride, Sept. 2.
 Sched. 2544, Mare Island, 8000 ft. galv
 steel coil chain, Sept. 2.
 Sched. 2546, Mare Island, 1 set heat-
 ing units for electrical heater kettle,
 Sept. 2.
 Sched. 2565, various yards, bar steel,
 Sept. 2.
 Sched. 2554, various yards, sheet steel
 Sept. 2.
 Sched. 2555, various yards, steel
 shapes and plates.
 Sched. 2565, various yards, glasses for
 airports, glasses for deck lights, etc.,
 Aug. 26.

PEARL HARBOR, T. H.—Following
 bids received by Bureau of Yards and
 Docks, Navy Department, under Specifi-
 cation No. 4992, for elevated steel
 tank at Naval Operating Base, Pearl
 Harbor:

Item 1, entire work, 2, using a 500-
 000-gal. tank in lieu of 750,000-gal.
 tank; 3, 375,000-gal. tank; 4, 250,000-
 gal. tank.
 Pittsburgh-Des Moines Steel Com-
 pany, Richmond, Va., item 1, \$44,541; 2,
 \$32,280; 3, \$51,152; 4, \$39,570.
 Chicago Bridge & Iron Company, 30
 Church St., New York City, item 1, \$52,-
 000; 2, \$36,000; 3, \$58,000; 4, \$43,000.

DENVER, COLO.—Until Sept. 16, 3
 p. m., bids will be rec. by U. S. Recla-
 mation Bureau, Denver, to fur. 4-water
 wheel driven pumping units for Orchard
 Mesa Pumping Plant, Grand Val-
 ley Project, Colo. Two of units to pump
 30-sec. ft. each to height of 130 ft. and
 two 40-sec. ft. to height of 41-ft. Fur-
 ther information obtainable from above
 office.

POINT ST. GEORGE, Cal. — Allen
 Pope, Washington, D. C., awarded con-
 tract at \$29,500 (items 1 and 2) by
 Bureau of Yards and Docks, Navy De-
 partment, Washington, D. C., to erect
 radio compass station at Point St.
 George, Cal., under Specification No.
 4952, time for completion 135 days. Bid
 item 3 also accepted.

PEARL HARBOR, T. H.—Walker &
 Olund, Honolulu, T. H., at \$78,132, time
 for completion 230 days, awarded con-
 tract by Bureau of Yards and Docks,
 Navy Department, to erect storeroom
 and case ammunitions filling house at
 Honolulu. (Specification No. 4975).

HALLS AND SOCIETY
BUILDINGS

Sub Contracts Awarded. Cost, \$—
CLUB AND STORE, at app.
OAKLAND, Alameda Co., Cal., Clay St.
 bet. 12th and 13th Sts.
 Class A club and store building.
 Owner—Athens Athletic Club.
 Architect—Wm. Knowles, Central Bk.
 Bldg., Oakland.
 Contractor—MacDonald & Kahn, 130
 Montgomery St., San Francisco, &
 1916 Broadway, Oakland.
Plumbing awarded to Carl T. Doel, 351
 12th St., Oakland.
Heating to Scott Co., 351 12th St., Oak-
 land.
Electrical work to Kenyon Electric Co.,
 526 13th St., Oakland.
 As previously reported, steel was
 awarded to Judson Mfg. Co., 619 Pol-
 som St., San Francisco.
 As reported before, the grading is
 now being done by Arris-Knapp Co.

To Be Done By Day's Labor.
CLUB HOUSE, at app.
SACRAMENTO, American River n of
 H St.
 Two-story frame club house.
 Owner—Klavan, Sacramento.
 Architect—Jens Petersen, Peoples Bk.
 Bldg., Sacramento.

Plans Being Completed. Cost, \$18,000
BUILDING, at app.
ANTIOCH, Contra Costa Co., Cal.
 One-story hollow tile memorial bldg.
 Owner—American Legion of Contra
 Costa County.
 Architect — Davis-Heller-Pearce Co.,
 Delta Bldg., Stockton.
 Plans will be ready for figures about
 Sept. 10, 1924.

Plans Being Completed. Cost, \$18,000
BUILDING, at app.
BRENTWOOD, Contra Costa Co., Cal.
 One-story frame and stucco memorial
 building.
 Owner—American Legion of Contra
 Costa County.
 Architect — Davis-Heller-Pearce Co.,
 Delta Bldg., Stockton.
 Plans will be ready for figures about
 Sept. 10th.

Plans To Be Prepared. Cost, \$—
ALMAGE BLDG., at app.
ALMAGE
 Fireproof lodge building.
 Owner—Masonic Temple Assn.
 Architect—Carl Werner, 605 Market St.
 San Francisco.
 Plans drawn up for the above lodge
 building will not be used as the Assola-
 tion recently purchased a new site
 which will enable them to erect a larg-
 er structure. New plans will be pre-
 pared by the same architect.

MILLWORK

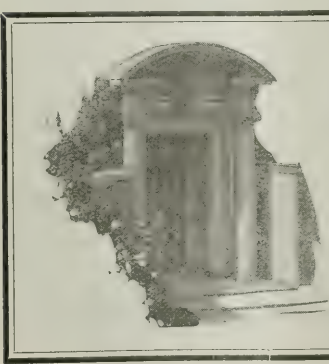
A service of real
 value is offered by

National Mill & Lumber Co.

We are glad to place at your disposal, without obligation,
 the services of a corps of skilled estimators, with wide ex-
 perience in figuring general millwork, cabinet work and
 detail work of all kinds. Behind them is an organization
 offering virtually unlimited selection of materials. We be-
 lieve their assistance will be genuinely helpful to you.

312 Market Street
 San Francisco

High St. & Tidewater Ave.
 Oakland



Preliminary Plans Being Prepared
LOJGE BLDG. Cost, \$100,000
RICHMOND Contra Costa Co., Cal.
 Nevada Ave., bet. 20th and San Sts.
 Two-story and basement steel frame
 lodge building.
 Owner, Masonic Hall Ass'n, Richmond,
 Calif.

Architect—Jas. T. Sackner, 910 Mar-
 denwood Ave., Richmond.
 It is proposed to have construction
 under way within 60 days. Officers
 and directors are: E. M. Davner,
 president; C. S. Rebeck, vice-presi-
 dent; C. C. Olney, secretary; and
 treasurer, A. D. Jones, Harry
 Hammond, W. D. Mason, H. H. Brown
 and J. L. Eadie.

August 24, 1924
Commissions To Be Prepared
LOJGE BLDG. Cost, \$80,000
FRESNO Fresno Co., Cal.
 Three or four-story stucco lodge
 building, 75,000 ft.
 Owner, Fraternal order of Eagles.
 Architect, Swartz & Ryland, Rowell
 Bldg., Fresno.

Members of the Eagles' Building As-
 sociation are: Judge J. G. Crichton, A.
 Anderson Jr., Mark B. Hall, R. F. Wil-
 liams, T. E. Prior, John Roth, Elmer
 Rieder and Secretary Carl H. Yurk.

Figures to Be Taken Shortly
CLUB ROOMS Cost, \$45,000
BERKELEY Alameda Co., Cal., in
 vicinity of Memorial Stadium.
 Club rooms for visiting teams.
 Architect, John Gaston Howard and As-
 sociates, 1st Nat'l Bank Bldg., San
 Francisco.

Construction will be undertaken in
 three units, only the first unit being
 erected at this time.

Plans Being Figured
CLUB Cost, \$30,000
BERKELEY Enclida Ave. near Le Conte
 Three-story frame and stucco students
 club.
 Owner—Japanese Club.
 Architect—Masten & Hurd, 278 Post St.,
 San Francisco.

Plans To Be Figured in a Few Days
LOJGE & OFFICE Cost, \$175,000
SAN JOSE Santa Clara Co., Cal., North
 First Street.
 Six-story and basement steel frame
 class C lodge and office building.
 Owner—Knights of Combus, San Jose.
 Architect—Leo J. Devlin, Pacific Bldg.,
 San Francisco.

LOS ANGELES, Cal. A. L. Bean, 661
 I. W. Hellman Bldg., has completed
 preliminary plans for a lodge, store
 and office building to be erected at
 Hoover St., 23rd St., 24th St. and Union
 Ave. for the Golden State Temple No.
 358, F. & A. M. It will contain stores
 on the first floor, offices on the second,
 and the third floor will have lodge
 rooms, etc. Brick walls, three-story,
 pressed brick facing. There is a brick
 building on a portion of the site which
 will be remodeled to match the new
 building.

BALLARD, Wash.—Arch. F. J. Peters,
 Seaboard Bldg., Seattle, taking bids to
 erect 3-story and basement 200 by
 100 ft., reinforced concrete and terra
 cotta lodge building for Fraternal
 order of Eagles, Ballard Ave. No. 172.
 Will be erected at corner of 22nd Ave.
 northwest and Market St.; est. cost,
 \$100,000.

SAN RAFAEL, Marin Co., Cal.—The
 following bids were received by the
 Masonic Hall Association August 19th,
 for the construction of a two-story
 steel and brick store, office and lodge
 building, according to plans and specifi-
 cations by Architect S. Helman, 57
 Post Street, San Francisco:

Carpenter and Mill Work
 Smith & Jackson, San Anselmo, \$26,740
 Jack Leibert 30,197
 John Spargo 33,360

Brick and Terra Cotta
 H. H. Larsen Co., Menadnock \$ 7,577
 Harry E. Drake 8,180
 Emil Hoberg 8,739
 H. H. Larsen Co. 7,577
 John E. Sward (incl. brick) 10,200
 B. J. Goodhart (incl. brick) 10,250
 W. A. Rainey (incl. brick) 11,398
 W. D. McGraw 9,500
 (incl. brick) 12,000

Steel Work
 Moore Dry Dock, Emery, Adelino \$5750
 Pacific Rolling Mill Co. 6300
 Michel & Pfeffer 6708
 Herriek Iron Works 6400
 Ralston Iron Works 7295
 Judson Mfg. Co. 7295
 Dyer Bros. 7450
 Ralston Iron Works 7589
 Sims & Gray 8120

Concrete Work
 Adam Arras, 185 Stevenson St. \$3725
 R. J. H. Forbes 3924
 John Spargo 4320
 A. H. Smith 5508

Plumbing
 J. J. McLeod, 1246 G. G. Ave. \$5616
 J. Camp Co. 5773
 R. F. Murray 5850
 Geo. A. Shields 6250

Reinforcing Steel
 Gunn Carle Co., 444 Market St.
 San Francisco \$139
 Galt-Palk 168
 W. S. Wettenhall 143

Lathing and Plastering
 H. Liston, San Rafael \$ 9,841
 C. Webb & Sons 10,025
 Peter Bradley 10,290
 MacGruer & Simpson 10,547

Painting
 D. Zelinsky & Sons, 165 Grove
 St., San Francisco \$3800
 A. Quandt & Sons 4581
 A. Webber 5400
 J. J. Burden 5550
 Marin Furniture Co. 6950

Electrical Work
 Shipman & Lauer, 1315 Polk St.
 San Francisco \$3200
 H. R. Eckland 2250
 Rex Electric Co. 2800
 Crown Electric Co. 3095
 Butte Electrical & Mfg. Co. 3095
 Decker Electrical Construc. Co. 3740

Marble
 John E. Beck, 180 Jessie St.
 San Francisco \$1275.00
 Musto-Keenan Co. 1447.50
 Mission Marble Works 1448.00
 Vermont Marble Co. 1459.00
 San Rafael Marble Co. 1654.00

Tile Work
 Mangrum & Otter, 827 Mission St.
 San Francisco \$778
 Malott & Peterson 779
 Ginsberg Tile Co. 793
 B. G. Goodhart 1023

CLAWSON PATENT CHIMNEY CO.

CLAWSON'S PATENT CHIMNEY
 Is the Most Complete on the
 Market

CLAWSON'S FURNACE GRATE
 for Gas, Coal or Wood

CLAWSON'S
 HOODS & DAMPERS for
 Open Fireplaces

Experts in Curing Smoky Flues
 and in Ventilating

Terra Cotta and Galvanized Iron
 Chimney Tops Erected
 Chimney Sweeping

140 GOUGH STREET
 Phone Park 6092 San Francisco

Roofing

Richmond Roofing Co., 120th St.
 Richmond \$873

John-Mauville Co. 898.75
 Malott & Peterson 989.00

Composition Flooring

California Floor Co., Mill Valley, \$400
 Malott & Peterson 450
 Brinker & Allrich 509

Heating and Ventilating

Atlas Heating Co., 557 4th St.
 San Francisco \$4475

Herger & Kerr 4980
 Geo. A. Shield 5750
 Gilley-Schmidt 5805

Sheet Metal Works

Guilfooy Cornice Wks, 1234 Howard
 St., San Francisco \$4183

J. A. Korell 4457
 W. H. Brown 4938
 Morrison Sheet Metal Works 5170
 Geo. A. Shields 5250

Metal Sash

Truscon Steel Co., 709 Mission
 St., San Francisco \$870

Michel & Pfeffer 928
 U. S. Metal Products Co. (in
 place) 1225

Ornamental Iron and Grill Work
 Keystone Ornamental & Bronze
 Work, 830 Howard St., S. F. \$175

Fair Manufacturing Co. 250
 Michel & Pfeffer 253
 Schradner Iron Works 254

Glass and Bars

W. P. Fuller 301 Mission (glass) 1530
 (bars) 275

Tyre Bros. Glass Co. (incl. bars) 2090
 Habenicht-Howlett Inc. (glass) 1653
 (bars) 358

Drum Tile

S. H. McCormick, San Rafael \$373.60

R. F. Murray \$136
 Geo. A. Shields 140

Directory

The Tablet & Direct Co., 407 San-
 some St., S. F. \$25

All bids are being held under advise-
 ment 'till next meeting of the Ma-
 sonic Hall Association, the 25th of
 August.

BIG BEAR VALLEY, San Bernardino
 Co., Cal.—Archts. Monaco & Bordeaux
 913 Bank of Italy Bldg., have com-
 pleted sketch plans for a new club
 at Big Bear Valley for the Biltmore
 Sporting Club. The bldg. will be 300x
 100 ft. of log constr., rustic architec-
 tural design, and will contain 150
 sleeping rooms with 100% baths, steam
 htg. It is also planned to erect 30 cab-
 ins; \$400,000. Geo. L. Moore, Rm. 7,
 Hollywood News Bldg., 6369 Hollywood
 Bldg., is the promoter.

SANTA MONICA, L. A. Co., Cal.—
 Archt. Chas. F. Plummer, 1108 Story
 Bldg., is preparing plans for a 6-story
 class A club bldg. to be erected at the
 foot of Pico Blvd., Santa Monica, for
 the Casa Del Mar Club, W. Y. Jackman,
 organization mgr., Consolidated Bldg.;
 it will contain about 150 rms. with 100
 per cent baths, diningrooms, kitchen,
 swimming pool, ballroom, lobby, lock-
 er rooms, club rooms, etc. Reinf. conc.
 constr., brick exter. walls, tile fig-
 elevators, steam htg. sys., basement
 tile and marbit work, hardwood and pine
 trim, tiled baths, ornam. iron work,
 hardwood and pine trim; there will also
 be a pier 500 ft. long erected; \$1,000,
 000. Ross & Brown, 350 Merrick St.,
 have the excavating contract.

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 have the excavating contract.

KING'S ORIENTAL STUCCO

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LONG BEACH, L. A. Co., Cal.—Arch. W. Washington Smith, 245 E. 1st St., Long Beach, has received plans for a new hotel and segregated beds for 1000. The hotel will be a 10-story building, 100x100 ft., full base, with printing plant, lodge room, garage, and steam heat plant. Street floor will have offices, lounge and folding doors. Second floor will have main auditorium, seating 650, with stage, office. Third floor will have offices, dbl. lodgerooms, folding doors. Press, brick ext., comp. rf., terra cotta trim, hardwood fls., aut. elev. elevator. Cost, \$90,000.

Contract Awarded

BUILDING Cost, \$50,000
RICHMOND, Contra Costa Co., Cal. 12th St., bet. Macdonald Ave. & Bissell Street.

Two-story and basement brick veneer memorial building.
Owner—Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—W. J. McLaughlin, 844 Call Bldg., San Francisco.

Note—Contract was awarded on Proposition 3 bidding for grade work.
The following bids were for solid brick:

Chesley & Chesley	\$54,654
Geo. Pandey	\$57,821
Sample & Cody	\$63,800
Juniper Construction Co.	\$64,144
E. W. Maurer	\$64,644
Wm. A. Williams	\$67,450
Meyer Co.	\$69,666
Carl Overhill	\$68,450
D. M. Stanford	\$64,000
Plans—Heller—Pearson	\$64,000

HOSPITALS

LOS ANGELES, Cal.—Until 2 p. m. Sept. 8, bids will be rec. by co. super. for three ambulant ward bldgs. at Olive View Sanatorium, near Sylmar: 65x112 ft. ea., 1-sto. frame, shingle and comp. rfs., maple fls., accom. 26 beds. Plans and spec. on file at office of mechan. dept.

SAN FRANCISCO—Board of Public Works has extended the date for opening bids to erect the Relief Home Buildings from September 3 to September 17, 3 p. m. Plans and specifications for this work are obtainable from the Bureau of Architecture, 2nd floor city hall. Segregated bids are being taken for (1) general construction, estimated cost, \$1,320,000; (2) plumbing and gas fittings, \$120,000; (3) mechanical equipment, \$150,000; (4) electric work, \$10,000. John Reid Jr., architect.

MARE ISLAND, Cal.—See "Government Work and Supplies" this issue. To ask bids for psychopathic ward.

LOS ANGELES, Cal.—Until 2 p. m. Sept. 8, bids will be rec. by co. super. for two children's ward bldgs. at Olive View Sanatorium near Sylmar. Each 30x124 ft., 1-story fr. constr., conc. found., maple fls., shingle and comp. rfs.; portable met. lockers; accom. 26 beds. Bids will be received in duplicate, with plans and spec. on file at office of mechan. dept.

Until 2 p. m., Sept. 8, bids will be rec. by co. super. for six hospital ward bldgs. at Olive View Sanatorium, near Sylmar, 30x124 ft. ea., 1-story frame constr., conc. found., maple fls., shingle and comp. rfs., accom. 26 beds. Plans, etc. on file at office of mechan. dept., 10th fl. Hall of Records.

SANTA ANA, Orange Co., Cal.—Until 2 p. m. Sept. 15 bids will be rec. by Santa Ana Valley Hospital Assn. for 2-story and basement ward house hospital at s.w. cor. Grand and Washington Aves. Separate bids on general work, plumbing and heating, and electric wiring. Cert. check (amt. not given). Plans by Frank Lansdown, 211 Commercial Bldg., Santa Ana. Deposit of \$50 for plans to be refunded. Dr. John Wehrly, secy., 610 N. Main St., Santa Ana. Plas. ext., tile and comp. rf., marble and tile, refrigerating plant steam htr. \$200,000.

FRESNO, Fresno Co., Cal.—Supervisors order estimates prepared for clinic building at county hospital in addition to other minor improvements.

SAN FRANCISCO—H. G. Newman Co., 373 Calif. St., at \$2499 submits low bid to Board of Public Works to furnish and install radiators in Nurses' Home at San Francisco Hospital. Other:

E. J. Edwards	\$3065
Turner Co.	\$3020
D. J. Bennett	\$2940
J. H. O'Mara	\$2975
A. L. McHugh	\$2940

LOS ANGELES, Los Angeles Co., Cal.—Until 2 p. m. Sept. 8, bids will be rec. by co. super. for 12-story hospital ward house at Olive View Sanatorium, near Sylmar, 100x124 ft. ea., 1-sto. frame, shingle and comp. rfs., accom. 26 beds. Plans, etc., on file at office of mechan. dept., 10th fl. Hall of Records.

HOTELS

Plans Being Prepared. Cost, \$20,000
HOTEL BLDG.
SAN FRANCISCO, NW Cor. O'Farrell and Taylor Sts.

Five-story addition to the 12-story class A hotel bldg. Hotel California.

Owner—M. A. Little, 335 Geary St., San Francisco.

Architect—Edw. E. Young, 2002 Calif. St., San Francisco.

Plans will be out for figures in about 1 month.

LOS ANGELES, Cal.—P. W. Naville, 219 Merchants Nat. Bank Bldg., has the contract to erect a class C hotel bldg. on Orchid St., bet. Hollywood Blvd. and Franklin Ave. for Mrs. Gloria W. Harman; it will contain 107 rooms with 100 per cent. baths, and lobby 63x30 ft., 100 per cent. baths, and 4-story and basement, tile and comp. rfs., 65x137 ft., steam htr. sys., struc. steel, pine fls. and trim, storage water htr., aut. elec. entrance, terrazzo fl. in lobby, marble entrance, tiled baths, ornam. iron work; \$140,000. H. D. DeWalt, 1007 Wright-Candler Bldg., archt.

INGLEWOOD, L. A. Co., Cal.—Arch. L. Skidmore, '19 Lissner Bldg., has been commissioned to prepare plans for a class C hotel bldg. to be erected on N. Market St. Inglewood, for the Inglewood Hotel & Market Corp.; it will contain 75 rms. with 50 per cent. baths, lobby, stores, etc. Brick walls, plaster ext., tile and comp. rfs., 3 story, 125 ft. x 150 ft., plate glass; the bldg. will be erected under the supervision of R. C. Nutt, 124 N. Market St., Inglewood.

MONROVIA, L. A. Co., Cal.—W. H. McCune Jr., 232 N. Myrtle St., Monrovia, has been awarded contract for 2-story brick and hollow tile hotel at White Oak and Magnolia, Monrovia, for the Community Hotel Corp. of Monrovia. Plans by Robt. B. Stacy-Judd, 6030 Hollywood Blvd. Lobby, dining room, kitchen, 4 apts. and 7 stores on 1st fl., 26 hotel rms. and 4 apts. above; 150x150 ft., plas. ext., comp. rf., comp. and pl. glass store fronts, comp. lobby fl., 44 baths with tile fls., steam htr., refrig. plant, vent. sys., hardwood fls.

AZUSA, Los Angeles Co., Cal.—Arch. H. Ryan, Byrne Bldg., is preparing plans for a 4-story class C hotel bldg. at Azusa for J. W. and Lillian T. Coffee. There will be 6 stores, large lobby, dining room, lounge room and 100 bed rooms. Dimensions 75x140 ft., basement tapestry face brick, comp. rfs., 60% tile baths, 40% showers, pine and terrazzo fls., elevator, metal skylights; \$180,000.

LOS ANGELES, Cal.—Arch. W. S. Hebbard, 534 I. W. Hellman Bldg., is preparing plans for remodeling arena building for the Ambassador Hotel Co. Work will include new plaster walls, new ornamental plaster entrances, new hardwood floors, redecorating entire interior and installing new boxes. Cost, \$50,000.

POWER PLANTS

WHITTIER, Cal.—Until 7:30 P. M. Aug. 25, bids will be rec. by city trustees for:

One 125 h. p. water leg. water tube boiler, 200 lb. w.kg. pressure, complete. Cert. chk., \$500.

One combined 3-phase generator, exciter and feeder panel to take care of one 600 k. w., 2300 volt turbine generator, with equip. Cert. chk., \$100.

One surface condenser. Cert. chk., \$500.

One 600 k. w., 2300-volt, 3-phase alternating current generator. Cert. chk., \$500.

Spec. on file at office of city clerk, Paul Gilmore.

PASADENA, Cal.—The \$46,000, elec. light and power bonds have been sold to Peirce, Fair & Co.

ANAHEIM, Cal.—City trustees will call election to vote \$240,000 bond issue for municipal power plant.

FULLERTON, Cal.—City Engr. W. C. Record investigating cost of municipal power plant.

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PUBLIC BUILDINGS

SANTA CRUZ, Cal.—San Lorenzo Improvement Club, Monte Alamos, chairman, is soliciting bids to finance building of civic and business site has been selected.

LOS ANGELES, Cal.—Clinton Construction Co., Stock Exchange Bldg., were low bidders at \$1,350,000 for all work complete for erecting the Central Library building at Fifth St. and Grand Ave. for the Board of Library Directors of Los Angeles. Bertram G. Goodhue, Associates of New York, and Carleton M. Winslow, Van Nuys Bldg., assoc. architects. Award was made on recommendation of the architect. Approximate amount of contract, \$1,350,000.

SAN BERNARDINO, Cal.—Anton Johnson Co., 1007 S. Grand Ave., was low bidder and will be awarded general contract of about \$125,000 for expansion building at Mill and E. streets, San Bernardino, for National Orange Show. Nine bids were received, ranging from \$125,000 to \$115,000. DeWitt Mahan, architect, 456 E. St., San Bernardino. Dimensions, 135x800 ft., plaster exterior on metal lath, hinged timbered arch trusses, tile and composition roof, steel sash and skylights, structural steel. Bids for plumbing, painting and wiring will be received between September 1st and 10th.

LOS ANGELES, Cal.—Edwards, Wilkey & Dixon Co., 315 Black Bldg., was awarded contract for all work complete, using stone called for under alternate No. 2, for erecting the Central Library building at 5th St. and Grand Ave. for the Board of Library Directors of Los Angeles. Bertram G. Goodhue, Associates of New York, and Carleton M. Winslow, Van Nuys Bldg., assoc. architects. Award was made on recommendation of the architect. Approximate amount of contract, \$1,350,000.

RED BLUFF, Tehama Co., Cal.—Until Sept. 4, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to furnish and install furniture in county courthouse. Lists of materials desired obtainable from clerk on request. Bids previously received were rejected. Cert check 10% payable to Chairman of Bd. of Sups. req. with bid.

BAKERSFIELD, Kern Co., Cal.—McKee & Wentworth Co., at 1868 40 awarded contract by county supervisors to furnish and install furniture in branch library at McKittrick.

RED BLUFF, Tehama Co., Cal.—County supervisors reject bid to furnish and install furniture in county courthouse and bids will be re-advertised for at once. H. G. Kuhn, county clerk.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by county supervisors to install burglar alarm system in office of county treasurer. Fred M. Kay is county clerk.

WILLOWS, Glenn Co., Cal.—Until Aug. 29, 10 a. m., bids will be received by J. C. Eubank, city clerk, to remodel entrance of city hall at 128 North Butte street. Cert. check 10% payable to Pres. Bd. of Trustees req. Plans on file in office of clerk.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and plaster residence.
Owner—G. Williams.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$9000
OAKLAND, Highland near Guilford Pl.
Two-story frame and stucco residence (8 rooms).
Owner—Mrs. Frank Laidlaw.
Architect—Henry H. Gutterston, 278 Post St., San Francisco.

Owner Taking Figures.
RESIDENCE Cost, \$20,000
SAN FRANCISCO, W Octavia St. S Jackson St.
Two-story frame and plaster residence
Owner—F. R. Grannis.
Architect—E. E. Young, 2002 California St., San Francisco.

Completing Plans.
BUNGALOW Cost, \$15,000
SOUTH SAN FRANCISCO, San Mateo County.
Five 1-story frame bungalows (5 rms. each).
Owner—American Marble; Enterprise Foundry Co., and W. P. Fuller.
Designer & Contractor—Meyer Bros., 1 Montgomery St., San Francisco.

Plans Being Prepared.
DWELLINGS Cost, \$18,000
SAN FRANCISCO, West line Avila St. N of Chestnut.
Three 1-story frame and stucco dwellings.
Owner—Meyer Bros.
Designer & Contractor—Meyer Bros., 1 Montgomery St., San Francisco.

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Plans Being Prepared.

DWELLINGS Cost, \$50,000
SAN FRANCISCO, 38th and Balboa St.
 Ten 1-story frame and stucco dwlg.
 Owner—Withheld.
 Designer and Contractor—Meyer Bros., 1
 Montgomery St., San Francisco.

Completing Plans.

BUNGALOWS Cost, \$25,000
ALAMEDA, Alameda Co., Cal. Park
 Avenue
 Eight one-story frame and stucco
 bungalows (bungalow court).
 Owner—L. Kaliski, 1261 Regent St.,
 Alameda.
 Architect—A. A. Cantin, 68 Post St.,
 San Francisco.

Contract Awarded.

RESIDENCE Cost, \$11,710
PALO ALTO, Lot 1 Block N Southgate.
 Two-story frame residence and garage.
 Owner—Guy H. Preston, 210 Cowper
 San Jose.
 Contractor—A. Born Bldg. Co., Glia-
 zenwood, San Mateo.

Contract Awarded.

RESIDENCE Cost, \$10,000 approx
OAKLAND, Bellview Ave.
 Two-story frame and stucco residence
 8 rooms.
 Owner—Mr. Seminoff.
 Architect—Hutchison and Mills, 1214
 Webster St., Oakland.
 Contractor—E. K. Collins, 740 Walker
 St., Oakland.

Contract Awarded.

BUNGALOWS Cost, \$35,000
SOUTH SAN FRANCISCO, San Mateo
 County.
 Ten 1-story frame and stucco bunga-
 lows (5 rooms and bath each).
 Owner—Metal and Thermit Corp., So.
 San Francisco.
 Designers and Contractors—Meyer
 Bros., 1 Montgomery St., S. F.

Contract Awarded.

RESIDENCE Cost, \$10,000
SAN MATEO, Palm Ave., Lot 12 & 7 ft
 of lot 11 Bk A.
 Duplex frame residence.
 Owner—Violet Pracker, San Francisco.
 Architect—Edw. G. Bolles, 233 Post
 St., San Francisco.
 Contractor—W. E. Wood, 1219 12th
 Ave., San Francisco.

Plans Being Prepared.

RESIDENCE Cost, \$25,000
SAN FRANCISCO, San Benito Way St.
 Francis Wood.
 Two-story and basement frame and
 stucco Spanish type residence.
 Owner—W. F. Altavator, 2565 Mission,
 San Francisco.
 Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Contract Awarded.

RESIDENCE Cost, \$10,000
SAN FRANCISCO, Fifth Ave S of Judah
 Two-story and basement frame resi-
 dence (6 rooms).
 Owner—L. B. Lichenor.
 Architect—Henry Shermund.
 Contractor—Paul K. Jones, 180 Jessie
 St., San Francisco.

Plans Complete.

DWELLINGS Cost, \$136,000
SAN FRANCISCO, W 39th Ave, N Ca-
 brillo and W 26th Ave, S Lincoln
 Way and vicinity.
 34 1-story and basement frame dwlg.
 Owner—Jas. Arnott, 234 Granville Way
 San Francisco.
 Contractor—Jas. Arnott & Sons, 235
 Granville Way, S. F.

Plans Completed.

DWELLINGS Cost, \$4250 each
BERKELEY, Alameda Co., Cal No.
 2124-23-32-36-40-44-48-52-56-60 Ore-
 gon Street.
 Ten one-story frame dwellings with
 garages.
 Owner—R. J. Pavert, Mercantile Trust
 Bldg., Berkeley.
 Architect—None.

Contract Awarded.

DWELLINGS Cost, \$5500 each
OAKLAND, W Kenyon Rd, 90 110 N
 Cleveland Ave.
 Two 1-story 6-room frame dwellings.
 Owner—Louise H. Short, 574 Rosal
 Ave., Oakland.
 Contractor—C. W. Short, 574 Rosal Ave
 Oakland.

Plans Being Prepared.

RESIDENCE Cost, \$7500
SAN FRANCISCO, Guerrero St.
 One-story frame and stucco residence.
 Owner—Withheld.
 Architect—C. O. Clausen, Hearst Bldg.,
 San Francisco.

Plans To Be Prepared.

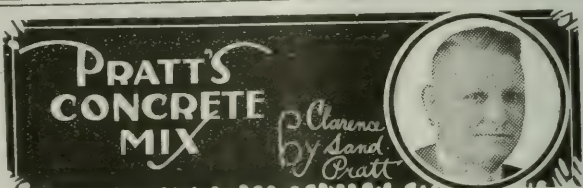
BUNGALOWS Cost, \$450,000
SAN FRANCISCO, Park Presidio Dist.
 64 1-story frame & plaster bungalows.
 Owner—Jas. Arnott & Sons, 235 Gran-
 ville Way, San Francisco.

Plans by owners.

Figures To Be Taken Shortly.

RESIDENCE Cost, \$20,000
SAN FRANCISCO, W Octavia S Jack-
 son.
 Two-story frame and plaster residence.
 Owner—F. H. Gramis.
 Architect—E. E. Young, 2002 Califor-
 nia St., San Francisco.

SANTA CLARA, Santa Clara Co., Cal.
 —George McKillip has been granted
 building permit by city trustees to
 erect twenty frame and plaster bunga-
 lows on The Alameda. Total estimated
 cost, \$24,000.



OFFICE
D. B. FAIRCHAMSON
 Contractor

1760 Ellis St., San Francisco, Aug. 19, 1924.

Sandy Pratt, President,
 Pratt Building Material Co.,
 Dear Sir:

To the greatest Prattling freak in town, I am enclosing this five

\$5.00

to help keep your hot air machine running about "Builders' Day."

Yours for another success,

D. B. FAIRCHAMSON.

BERNARD JOSEPH
 Architect

San Francisco, August 19, 1924.

Sandy Pratt, President,

Pratt Building Material Co.,

Producer of Sand, Rock and Gravel.

I give for a prize for "Builders' Day" a

\$10.00 Silver Cup (Golf Prize)

Yours truly,

BERNARD JOSEPH.

DAVE ZELINSKY & SONS
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Sandy Pratt—Here are two prizes for "Builders' Day."

1 Gal. Can Filler (Value \$5.00)

1 Gal. Can Enamel (Value \$5.00)

Yours truly

DAVE ZELINSKY & SONS.

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THERE ARE hundreds.

OF MORE prizes.

BUT SPACE.

DOES NOT permit Sandy Pratt.

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TO NAME them.

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SOME OF this space.

TO TELL about.

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IN THE world.

"I THANK you."



The "Builders' Midnight Follies," in charge of Jack Bender, roofing contractor and society man, will start at midnight Saturday, August 24th, so Billie Peary, General Chairman, told Sandy Pratt, producer of sand, crushed rock and gravel.

Plans Being Prepared This Week.
RENT HOUSE. Cost, \$12,000.
SAN FRANCISCO. Village near Baker St. and
 Twentieth. Frame and stucco residence owned by Thompson.
Architect—Henry C. Smith. Humboldt Bank Bldg., San Francisco.

BEVERLY HILLS, Los Angeles Co., Cal.—Thompson & Gosses, 347 Third Bldg., Hollywood Blvd., and Vine St. are preparing plans for a \$25,000, two-story 10-room frame Italian dwelling to be erected in Beverly Hills. E. P. Dentzel, the owner, will handle construction. Foundation, 22x22 feet, stucco exterior, tile roof, hardwood floors, travertine reception hall, iron grilles and stairs, stone mantels, 3 tile baths, mahogany trim in lower floor, tile drainboards, double garage with men's apartments.

SAN CARLOS, San Mateo Co., Cal.—See "Miscellaneous Construction" in this issue. Sewers, street work, golf course, etc., contemplated.

SCHOOLS

Contract Awarded.
SCHOOL BLDG. Cost, \$77,425.
WOODLAND, Yolo Co., Cal.
 Rebuilding of brick and concrete grammar school building.
Owner—Woodland Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Campbell Construction Co., Nicolaus Bldg., Sacramento.
 Campbell Construction Co. was awarded contract on combination bid including general, plumbing and electrical work.

SAN FRANCISCO—Van Emon Elevator Co., 1161 Howard St., at \$3973 awarded contract by Board of Public Works to install elevator in High School of Commerce addition in Fell St. near Van Ness Ave.

Working drawings Being Prepared.
SCHOOL. Cost, \$300,000.
SAN FRANCISCO. Block bounded by Goettingen, Burrows, Girard and Bacon Sts.
 Fireproof school building (Portola Junior High School).
Owner—City and County of S. F.
Architect—Joseph & Stone (Bernard J. Joseph), New Call Bldg., S. F.

Working Drawings Being Prepared.
SCHOOL. Cost, approx. \$300,000.
SAN FRANCISCO. Block bounded by 16th, 17th, Dehon and Church Sts.
 Fireproof school building (Mission Junior High School).
Owner—City and County of S. F.
Architect—John Reid Jr., 1st Natl. Bk. Bldg., San Francisco.

Working Drawings Being Prepared.
COLLEGE BLDGS. Cost, \$160,000.
OAKLAND.
 First unit of group of college bldgs. owned by Mills College.
Architect—V. H. Ketchiff, mer. Trust Bldg., Berkeley.

SAN FRANCISCO—Mahony Bros. Flood Bldg., general contractors for High School of Commerce addition in Fell St. near Van Ness Ave., awards following sub-contracts in connection with the work Terra cotta to Gladding-McBean Co.; marble work to American Marble and Mosaic Co.; reinforcing steel to Gunn-Carle Co.; and millwork to National Mill and Lumber Company.

PASADENA, Los Angeles Co., Cal.—Architects John C. Austin and Frederic M. Ashley, 1225 Detweiler Bldg., Los Angeles, have prepared preliminary plans for additional units to be erected at John Marshall junior high school at Pasadena. The principal unit will be an auditorium to seat 1500 people. It will have complete stage equipment and dressing rooms. Other units are contemplated but have not been definitely decided upon.

EAGLE ROCK, Los Angeles Co., Cal.—Architect Mott M. Marston, 507 Douglas Bldg., is preparing plans for a 12-classroom school building on Fair Park Ave., Eagle Rock, for the L. A. Board of Education. Part one-story and part two-story, 60x178 feet, brick walls, tile roofing, art stone trim, hardwood floors, blackboards. Cost, \$84,000.

SACRAMENTO, Cal.—The following contracts were awarded by the Board of Trustees of the Pacific School District for the construction of a one-story frame school building from plans by Architect Eugene J. Seadler, 1005 Eighth St., Sacramento.
General awarded to Wm. V. Whitwell, 2900 C St., Sacramento at \$8650.
Plumbing to Luppen & Hawley, 906 7th St., Sacramento, at \$1145.
Electrical work to Latourrette-Fical, 907 Front St., Sacramento at \$872.

MADERA, Madera Co., Cal.—Until Aug. 28, 5 P. M., bids will be rec. by H. C. Austin, clerk, Madera Elementary School District, to fur. (1) dishes for domestic science department; (2) utensils for domestic science dept. Dishes to be Homer Laughlin Republic Pattern. Further information obtainable from clerk.

LOS ANGELES, Cal.—Arhts. Elwin P. Norberg and Chas. E. Norberg, 704 Union Bank Bldg., are preparing plans for a 1-story top add. to school bldg., to be erected at the Farndale school site, El Serano and Gambier Aves., for the Board of Education. It will have 6 classrooms, brick walls, 67x141 ft., tile and comp. rfg., press. brick facing maple fls., pine trim; \$45,000.

MANTENA, San Joaquin Co., Cal.—W. Van Syckle and J. H. McHale, Mantena, awarded contract to erect grammar school, 28x30 ft. Will be follow the construction.

WILLOWBROOK, L. A. Co., Cal.—Until 7:30 p. m., Aug. 26, bids will be received by Willowbrook School Dist. for cafeteria bldg. at Compton Ave. site. Plans and spec. by Archt. Arthur W. Angel, 3404 1/2 Whittier Blvd. Dep. of \$5 for plans, to be refunded. Cert. cash, chk. or bid bond 5%. Andrew Herskind, clerk. Bldg. will be 1-story, 32x36 ft., frame, comp. rf.

LOS ANGELES, Cal.—Archt. Otto Neher, and H. Hasenberger, engr., 209 Marsh-Stong Bldg., are preparing plans for a school bldg. to be erected at the Eschelmann school site, for the board of Education; it will have an auditorium to seat about 600 people and 12 classrooms, and offices. Brick walls, L-shape, 178x154 ft., 2-story and basement, tile and comp. rfg., maple and cem. fls., pine trim, steam htg. sys., press. brick facing, toilets; \$112,000.

SACRAMENTO, Cal.—Until Sept. 2, 5 p. m., bids will be received by Chas. C. Hughes, secy. Board of Education, to furnish and install window and transom shades in high school, 34th and Y Sts. Shades to be finished at least 1 ft. longer from top of roller to bottom of sill; where possible 2-in. lap on either side; Hartshorn rollers, at least 1 1/4-in., 1 1/4-in. slats, heavy cord. Cert. check 10% payable to Bd. of Educ. req. Further information obtainable from secretary.

LOS ANGELES, Cal.—Until 9 a. m., Aug. 29, bids will be received by Los Angeles Bd. of Ed. for new bldg. proposed for 79th St. school, ne. cor. McKinley Ave. and 79th St. Separate bids on genl. plbg., htg. and vtg. pntg., and elec wiring. Plans and spec. on file with secy. Cert. or cash, chk. or bid bond 5%. Wm. A. Sheldon, secretary.

LOS ANGELES, Cal.—Henry W. Schlueter, Black Bldg., was awarded the general contract at \$49,360 for erecting a gymnasium bldg. at Jefferson high school site. Other contracts were awarded as follows: Plumbing to W. T. Ashton at \$4922; heating and ventilating to A. R. Cunningham at \$3769; painting to R. Rasmussen at \$1885 and wiring to American Electric Construction Co. at \$1348.65.

SACRAMENTO, Cal.—Until Sept. 2, 5 p. m., bids will be received by Chas. C. Hughes, secy. Board of Education, to fur. and install 12 or more three-burner Clark Jewel ranges, or equal, with oven and broiler, same to have white broiler pan, white door panel and white drip pan. Cert. check 10% payable to Board of Education req. Further information obtainable from Business Manager, School Administration Bldg., 21st and L Sts.

WINTON, Merced Co., Cal.—J. A. Balame, Cressey, Cal., at \$1525 awarded contract by Winton School District to erect temporary 1-classroom school, 24 by 50 ft. Other bids: J. M. Aitchinson, Cressey, \$1936; J. M. Ennis, Livingston \$1950.



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STOCKTON, San Joaquin Co., Cal.—Until Sept. 8, 4 P. M., bids will be received by Ansel S. Williams, Sec'y., Board of Education, San Joaquin and Lindsay Sts., for high school auditorium heating, plant and sanitary plant; also tinting, painting, plastering, etc. Louis S. Stone, architect, 357 12th St., Oakland. Cert. check 10% req. with bid. Plans obtainable from architect or from Sup't. of Schools.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 30, bids will be received by W. A. Smart, clerk, Mount View School District, Rt. 4, Box 14, Bakersfield, to furnish one room of school building. Further information obtainable from clerk.

TURLOCK, Stanislaus Co., Cal.—Until Sept. 1, 8 p. m., bids will be rec. by Mrs. Effie Zimmer, clerk Fairacres School District, to install electric motor and pressure tank connected with water piping system. Further information obtainable from clerk, Rt. 2, Box 106, Turlock.

BAKERSFIELD, Kern Co., Cal.—Architect Chas. H. Biggar, Bank of Italy Bldg., completing plans and bids will be asked about Oct. 1 to erect new classroom school to be erected at the high school grounds; est. cost, \$150,000. Will be fireproof construction with tile roof.

LOS ANGELES, Los Angeles Co., Cal.—Kingman Mfg. Co., 2201 S. Main St., awarded contract by Los Angeles Bd. of Ed. at \$103,000 for desks.

LOS ANGELES, Cal.—Jacob W. Purinton and assoc., Pacific Southwest Bldg. and Laughlin Bldg., L. A. and T. C. Kistner Co., architects, 616 Pantages Theatre Bldg., L. A. and Spreckles Bldg., San Diego, have completed plans for an 8-unit elementary school building to be erected at the Wm. Cullen Bryant school site, corner Fountain and Termino Aves., for the Board of Education. Brick walls, 2-story and 1-story kindergarten wing, pressed brick facing, composition roofing, art stone trim, maple floors, pine trim, heating not decided although bids will be taken for gas and steam, tile toilets, reinforced concrete corridor and stair construction. Bids will be taken soon.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 8, 4 P. M., bids will be received by Ansel S. Williams, Sec'y., Board of Education, San Joaquin and Lindsay Sts., for heating plant and completion of general work, including wood finish, lathing, plastering, blackboards, tinting and painting for Luther Burbank School, Elgiron and Jefferson Sts. Chas. H. Young, architect, 725 N. El Dorado St., Stockton. Cert. check 10% req. with bid. Plans obtainable from architect or from Sup't. of Schools.

HANFORD, Kings Co., Cal.—Waterhouse-Lester Co., San Francisco, at \$3878.17 awarded contract by Hanford High School District to furnish and install machine shop equipment for manual training departments.

LOS ANGELES, Cal.—Archit. Myron Hunt, 1107 Hibernian Bldg., has completed plans and is taking bids for a college dormitory bldg., to be erected at Occidental College at Eagle Rock; it will have accommodations for about 60 girls and there will also be maid's apt., lobby, reading rooms, etc. Brick and conc. constr., 2-story and basement clay tile rfr., 37x150 ft., stucco and cast stone exterior, oak and pine trim, steam htg., tile baths, elevator, wrought iron work, aut. water htrs., vacuum cleaning plant, brine tank; \$150,000.

LOS ANGELES, Los Angeles Co., Cal.—T. C. Kistner Co., architects, 616 Pantages Theatre Bldg., and Spreckles Bldg., San Diego, have completed preliminary plans for a grammar school building to be erected at the Gates St. school site, for the Board of Education; there will be about 5 classrooms, assembly hall, domestic science department, etc. Brick walls, tile and composition roofing, two-story, pressed brick facing, concrete stair and corridor construction, pine trim, tile toilets. Cost, \$84,000.

UKIAH, Mendocino Co., Cal.—Until Aug. 27, 3 P. M., bids will be rec. by William Kistner, clerk, Ukiah Union High School District, to furnish 92 steel lockers, 12x12x36-in., single row and 96 steel lockers, 12x12x36-in., double tier, double row. Further information obtainable from clerk.

SAN DIEGO, Cal.—Until 7:30 p. m., Sept. 2, bids will be rec. by Bd. of Ed. of San Diego High School District, proposed Woodrow Wilson Junior High School bldg. Plans and spec. by T. C. Kistner & Co., archts., 616 Pantages Bldg., L. A. and 537 Spreckles Bldg., San Diego. Bids will be taken on gen. work, plumbing, heating and elec. wiring. Cert. or cash, check or bid bond, 2%. Will Angier, secy. Bldg. will be 2-story and basement, hollow tile walls, tile and comp. rf.; \$300,000.

LOS ANGELES, Los Angeles Co., Cal.—Architect Edward Cray Taylor and Ellis Wing Taylor, engineers, 713 W. 8th St., are preparing plans for a grammar school building to be erected at the Hooper Ave. school site, Hooper Ave. and 51st St., for the Board of Education. It will have 8 classrooms, assembly hall, 70x35 ft. brick walls, 2-story and basement, tile roofing, pressed brick facing, maple floors, 80x130 ft., pine trim, steam heating system. Cost, \$82,000.

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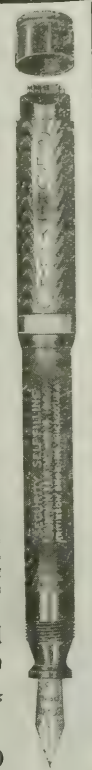
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LOS ANGELES, Cal.—Archit. George M. Lindsey, 331 Laughlin Bldg., is preparing plans for the James A. Gardfield senior high school at Belvedere, bounded on the south by 6th St., north by Louisiana, east by Francis and west by Fraser, for the L. A. Board of Education. The main bldg. will consist of administration and educational units with approx. 20 rms. The mechanical arts bldg. will have about 9 rms. which shop, electrical shop, sheet metal shop, auto shop, machine shop and two mechanical drawing rooms. The home economics bldg. will include a cafeteria seating capacity 400, faculty lunch room, kitchen storerooms, two cooking laboratories, two sewing rooms. There will also be two gymnasiums with toilets, showers and lockers; \$600,000.

BANKS, STORES & OFFICES

Sub-Contracts Awarded.
STORE & OFFICES Cost, \$150,000
SAN FRANCISCO. S Market St. 155 E. Eighth St.
Six-story steel frame store and office building.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—R. H. Rousseau, Inc., 1171 Market St., San Francisco.
Bids are being taken on plastering painting and sheet metal work.
Concrete to Patrick Hurley, 180 Jessie St., San Francisco.
Electrical work to G. A. Metcalfe, 311 Turk St., San Francisco.

Sub-Contracts Awarded. FIGURES TO BE TAKEN THIS WEEK.
OFFICE BLDG. Cost, \$180,000
OAKLAND Alameda Co., Cal. Thirtieth and Franklin Sts.
Five-story Class C office building.
Owner—Karl Raentsch, Architect—H. H. Winner, 55 New Montgomery St., San Francisco.

FIGURES TO BE TAKEN THIS WEEK.
STORE BLDG. Cost, \$35,000
SAN FRANCISCO. E Mission St. bet. Sixteenth and Seventeenth Sts.
Two-story brick furniture store building.
Owner—Lachman Bros. Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$12,000
SAN FRANCISCO. SE Monterey and Genesee Sts.
One-story and basement frame store building.
Owner—Herman Hogrefe, % Architect. Architect—Ed. E. Young, 2002 California St., San Francisco.

Sub-Contracts Awarded.
STORE, ETC. Cost, \$150,000
SAN FRANCISCO. S Market St. E of Seventh St.
Six-story and basement steel frame and brick store and office building.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—Rousseau & Rousseau, 1171 Market St., San Francisco.
Bids are being taken for painting, plastering and sheet metal work.
Concrete—L. Vanucci, 16th & Church Sts., San Francisco.
Electrical Work—G. A. Metcalfe, 311 Turk St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$50,000
OAKLAND. NE Cor. 7th and Franklin Streets.
Two-story concrete store building.
Owner—Axel Johnson, 7th and Franklin Sts., Oakland.
Contractor—W. K. Owen, 852 36th St., Oakland.

Sub Contracts Awarded.
ORNAMENTAL IRON ETC \$33,248
SAN FRANCISCO. E Beale & Market. Ornamental iron, bronze and miscellaneous iron work for general office bldg.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Federal Electric Co., 91 New Montgomery St., S. F.

Construction Under Way.
ALTERATIONS ETC. Cost, \$10,000
SAN FRANCISCO. 11 Stuart St.
 Alterations, new wood floor, build
 new concrete vault, new steel
 stairs.
 Owner—Anchor Chain Safe Deposit Co.
 11 Stuart St., San Francisco.
 Architect—H. H. Whitely, 305 Sharon
 Bldg., San Francisco.

Contract Awarded.
STORE Cost, \$1500
NAPA. Napa Co., Cal. Brown St., bet.
 1st and 2nd Sts.
 One-story brick store, 25x80 feet.
 Owner—Mrs. Robert Walker, 3937 J St.,
 Sacramento.
 Architect—Not Stated
 Contractor—Collins & Arnitz, 436 Egan
 St., Napa, Cal.

Plans Complete.
ALTERATIONS Cost, \$24,000
OAKLAND. NE Cor. 14th and Webster
 Streets.
 Alterations to store building.
 Owner—City of Paris Dry Goods Co.,
 Geary and Stockton Sts., S. F.

Contract Awarded.
STORE BLDG. Cost, \$15,000
OAKLAND. NW Cor. 13th Ave. and E-
 14th St., Oakland.
 One-story frame store building.
 Owner—H. Daube.
 Contractor—F. A. Muller, 805 Syndicate
 Bldg., Oakland.

Contract Awarded.
STORE BLDG. Cost, \$16,000
SAN MATEO. E Street Lot 1, Block 7.
 One-story frame store building.
 Owner—A. B. Benost, San Mateo.
 Contractor—Leady & Wiseman, 207
 2nd, San Mateo.

Contract Awarded.
RESTAURANT Cost, \$10,000
SAN MATEO. San Mateo Co., Cal. Third
 Avenue.
 One-story and mezzanine reinforced
 concrete restaurant.
 Owner—B. Getz.
 Lessee—Noah's Cafe.
 Architect—Morrow & Garren, Chronicle
 Bldg., San Francisco.
 Contractor—Michell-Jackson Co., San
 Mateo.

Plans Ready For Figures Next Week.
STORE & LOFT Cost, \$35,000
SAN FRANCISCO. 15th & Mission Sts.
 Two-story class C store and loft bldg.
 Owner—W. H. H. Whitely.
 Architect—Mark T. Jorgensen, 110 Sutter
 St., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, \$18,000
OAKLAND. SE Cor. 4th and Washing-
 ton Sts., Oakland.
 Two-story concrete loft building.
 Owner—H. M. Thornally, 3rd & Wash-
 ington Sts., Oakland.
 Contractor—W. G. Thornally, 357 12th
 St., Oakland.

Plans to Be Figured Next Week.
BANK BLDG. Cost, \$90,000
SAN FRANCISCO. SE Twenty-third
 and Mission Streets.
 One-story reinforced concrete bank
 building, 35x90.
 Owner—Liberty Bank, 948 Market St.,
 San Francisco.
 Architect—H. A. Minton, Monadnock
 Bldg., San Francisco.

Plans To Be Figured Shortly.
COMMISSION HOUSE Cost, \$75,000
OAKLAND. Fifth & Webster Sts.
 Two-story brick commission house.
 Owner—Wittheld.
 Architect—Schmitter-Englee Co., Thayer
 Bldg., Oakland.

Plans Completed.
ALTERATIONS Cost, \$10,000
STOCKTON. San Joaquin Co., Cal. No.
 335 N-American St.
 Alterations to store building.
 Owner—A. L. Branch, Premises.
 Architect—None.

Plans Being Prepared.
STORE BLDG. Cost, \$10,000
ZAMORO. Yolo Co., Cal.
 One-story frame and stucco store
 building.
 Owner—R. F. Ester.
 Architect—E. J. Sandler, Mitau Bldg.,
 Sacramento.

Sub Contracts Awarded.
FIXTURES ETC. Cost, \$10,000
SAN FRANCISCO. Gore corner Ellis &
 Market.
 Install fixtures and stairway.
 Owner—Anglo-California Trust Co.,
 Market and Sansome, S. F.
 Architect—Meyer & Johnson, 742 Mar-
 ket St., San Francisco.
 Contractor—Geo. Wagner & Co., 181
 South Park, San Francisco.

**Marble awarded to Mission Marble
 Works, 209 Mississippi, S. F.**
**Ornamental iron to Sartorius Co., 15th
 and Utah Sts., S. F.**
**Heating and ventilating to Gilley-
 Schmidt Co., 159 10th St., S. F.**
**Plumbing to James H. Pinkerton Co.,
 927 Howard St., S. F.**
**Cabinet fixtures to Brass & Kuhn, 1917
 Bryant St., S. F.**
**Safe & vaults to Hermann Safe Co., 216
 Fremont St., S. F.**
Tile to Rigney Tile Co., 180 Jessie St.

Figures Being Taken.
STORE BLDG. Cost, \$15,000
REDWOOD CITY. Broadway and El
 Camino Real.
 One-story frame & plaster store bldg.
 (11 stores).
 Owner—S. F. Stafford.
 Architect—Alfred I. Coffey, Humboldt
 Bank Bldg., San Francisco.

Segregated Figures Being Taken.
STORE & OFFICE BLDG. Cost, \$25,000
SAN JOSE. Santa Clara near Market.
 Additions and alterations to 3-story
 brick store and office bldg.
 Owner—Grattan D. Phillips, 2260 Val-
 lejo St., San Francisco.
 Architect—A. H. Knoll, Hearst Bldg.,
 San Francisco.

LOS ANGELES. Cal.—Arch. Loy L.
 Smith, 218 Bryne Bldg., is preparing
 plans for a 13-story class A office
 bldg. to be erected on a side of 2nd St.
 bet. Hill St. and Broadway for the
 Public Service Commission. Reinf. conc.
 constr., 13-story, basement and sub-
 basement, 49x120 ft., comp. rfr., cement
 and pine fls., plate glass, steel sash,
 skylights, conc. exter., hollow tile or
 gypsum partitions, pine trim, 2 elec.
 passenger elevators, wrought iron
 work; \$250,000.

**Date of Opening of Bids Postponed Un-
 til Aug. 22nd.** Cost, \$100,000
OFFICE BLDG.
SAN JOSE. 3rd and San Fernando.
 Two-story & basement reinforced con-
 crete office building.
 Owner—Pacific Gas & Elec. Co.
 Architect—Binder & Curtis, Binder
 Bldg., San Jose.

SAN MATEO. San Mateo Co., Cal.—
 Until Aug. 29, 2 P. M., bids will be re-
 ceived by J. J. Casey, clerk, San Mateo
 School District, to erect 2-room school
 in Date Ave., Beresford. Cert. check
 10% payable to district req. Plans ob-
 tainable from Wm. F. Turnbull, %
 Peninsula Water Co., Third Ave., San
 Mateo.

PASADENA. Los Angeles Co., Cal.—
 Robert E. Millsap, 423 Marsh-Strong
 Bldg., Los Angeles, has been awarded
 the general contract at about \$33,000
 for erecting a two-story Class C shop
 building at the northeast corner of Los
 Robles Ave. and Colorado St., Pasadena,
 for F. L. Dickinson. Morgan, Walls &
 Clements, 1124 Van Nuys Bldg., Los
 Angeles, architects. Dimensions, 100x
 175 feet, brick walls, stucco and cast
 stone exterior, plate glass, marble,
 copper sash, composition roofing, metal
 skylights, cement and wood floors.

HANFORD. Kings Co., Cal.—Bank of
 Italy will purchase the old Sharples
 Building at Seventh and Irwin Streets
 and will remodel the structure for
 banking quarters.

THEATRES

Plans Being Figured.
THEATRE BLDG. Cost, \$90,000
SAN FRANCISCO. Mission St., bet. 26th
 and 27th Sts. (Aztec Theatre).
 One-story reinforced concrete class A
 motion picture theatre bldg. (850
 seats).

Owner—J. F. Young Imp. Co.
**Architect—Reid Bros., 105 Montgomery
 St., San Francisco.**
 It is planned to erect store bldgs.
 adjoining the theatre covering 350 ft.
 frontage.

Plans Being Completed.
THEATRE Cost, \$100,000
SAN LEANDRO. Alameda Co., Cal.
 Earl St. and Washington Ave.
 Fireproof picture theatre.
 Owner—J. Hoorwitz, Hayward Theatre
 Hayward.
 Architect—Reed Bros., 105 Montgomery
 St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, \$40,000
PETALUMA. Sonoma Co., Cal.
 Extensive alterations to Hill Opera
 House (class C bldg.).
 Owner—T & D J. Enterprises Inc.
 Architect—Mark Jorgensen, 110 Sutter
 St., San Francisco.

Plans Completed.
STORE & THEATRE Cost, \$100,000
SAN MATEO. San Mateo Co., Cal.
 Third Avenue.
 Reinforced concrete store and theatre
 building.
 Owner—E. Getz, Chronicle Bldg., San
 Francisco.
 Architect—Morrow & Garren, Chronicle
 Bldg., San Francisco.
 (Continued on Page 26)

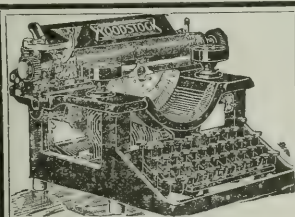
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Official Proposals

NOTICE TO CONTRACTORS

(Psychopathic Ward—Mare Island)

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 4975, psychopathic Ward, Navy Yard (Hospital), Mare Island, California. The work includes plain and reinforced concrete; structural steel and other metal work; artificial stone; brick and hollow tile; tile and built up roofing; steel sash; metal covered doors and metal trim; wood doors, sash frames and trim; stucco; lathing and plastering; marble and tile work; hardware; screens, dumbwaiters; painting and glazing and plumbing, heating, and lighting systems.

In the event that this work is of interest to your firm you should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., a check or money order for \$20, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as possible.

Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding date.

NOTICE TO CONTRACTORS

(U. S. Bureau of Public Roads—1 bridges)

Sealed proposals for constructing 4 Bridges on the Grants Pass Crescent City National Forest Road project located within the Siskiyou National Forest, State of California, County of Del Norte, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at Portland, Oregon, until 10 o'clock A. M., on the 27th day of August, 1924, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed consists of four bridges at Stations 211-217-325 and 370 and the principal items of work are approximately as follows:

- 890 cu. yds. Excavation.
- 1208 cu. yds. Concrete.
- 122,900 lbs. Reinforcing Steel.
- 208,000 lbs. Structural Steel.
- 13,500 lbs. Cast Steel.

The Bridge at Station 211 except handrailing and field painting shall be completed by January 1, 1925, and all bridges shall all be completed by September 1, 1925.

The Bureau of Public Roads has available for loan to contractors on a rental basis equipment as listed in the proposal sheets. Bidder will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof.

The contract form and the maps, plans, specifications, and estimates of quantities may be examined by responsible contractors at the Bureau of Public Roads, Post Office Building, Portland, Oregon; Bureau of Public Roads, Bay Building, San Francisco, California; California State Highway Commission, Sacramento, California; and at the office of the Forest Supervisors, Grants Pass, Oregon.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of check for \$10.00 payable to the Secretary of Agriculture of the United States, at Portland, Oregon, or San Francisco, California. Check will be held pending return of plans and specifications.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

The bond requirement on this work will be 100% of the bid.

All proposals must be made on forms, and in accordance with instructions forming a part of the specifications above referred to, and must be accompanied by a proposal guaranty in an amount at least equal to five (5) per cent of the total amount of the proposal.

C. H. PURCELL,
District Engineer.

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on Sept. 15, 1924, at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows: Butte County, a reinforced concrete girder bridge across Cherokee Canal By-Pass, about one mile east of Richvale (III-But-3-B), consisting of five 30 foot spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the

blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,

LOUIS EVELYDING,

N. T. EDWARDS,

California Highway Commission.

R. M. MORTON,

State Highway Engineer.

W. P. MIXON, Secretary.

Dated: Aug. 18, 1924.

(Aug. 22-29, Sept. 5-12)

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NOTICE TO CONTRACTORS

(Circulating Water Discharge Loop—Pearl Harbor)

Sealed proposals, indorsed "Proposals for Circulating Loop, Pearl Harbor, Hawaii, Specification No. 5001," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 10 o'clock A. M., October 1, 1924, and then there publicly opened, for circulating water discharge loop, consisting of a 54-inch concrete pipe line about 630 ft. long, concrete manholes, cast iron frames and covers, screens, sluice gates with hand operating mechanism, and all the necessary trenching, concreting of pipe and backfill at the naval operating base (navy yard), Pearl Harbor, T. H. Specification No. 5001 and accompanying drawings may be obtained on application to the bureau, to the commandant, naval operating base, Pearl Harbor, T. H., or to the commandant, navy yard, Mare Island, Calif. Deposit of a check or postal money order for \$10 payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau July 26, 1924.

NOTICE TO CONTRACTORS

(Honolulu—Mail Chute)

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 27, 1924—

SEALED PROPOSALS will be received at the office of the Custodian of Post Office, Honolulu, Hawaii, until 9 A. M., and at the office of the Superintendent of Construction, Room 402 Post Office, San Francisco, Calif., until 12 M., and at this office until 3 P. M., Sept. 2, 1924, and then opened, for mail chute in the United States Post Office, Custom House and Court House, at Honolulu, T. H. Drawings and specifications may be obtained from the Superintendent of Construction, Room 403 Post Office Building, San Francisco, Calif., and from this office in the discretion of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO BIDDERS

(Mail Chute—Honolulu, T. H.)

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 27, 1924—

SEALED PROPOSALS will be received at the office of the Custodian of Post Office, Honolulu, Hawaii, until 9 A. M., and at the office of the Superintendent of Construction, Room 403 Post Office, San Francisco, Calif., until 12 M., and at this office until 3 P. M., Sept. 2, 1924, and then opened, for mail chute in the United States Post Office, Custom House and Court House, at Honolulu, T. H. Drawings and specifications may be obtained from the Custodian of Post Office, Honolulu, Hawaii, or from the Superintendent of Construction, Room 403 Post Office Building, San Francisco, Calif., or from this office in the discretion of the Supervising Architect, JAS. A. Wetmore, Acting Supervising Architect.

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Engineering News Section

BRIDGES

MERCED. Merced Co., Cal.—Until Sept. 3, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to const. 5 rein. conc. bridges as follows:
Bridge No. 127, over canal on Dos Palos County Highway.

Bridge No. 128, over canal on Dos Palos County Highway.

Bridge No. 129, over Paso Slough on Dos Palos County Highway.

Bridges No. 132 over slough on Merced-Snellings road.

Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from W. E. Bedesen, county surveyor, on deposit of \$10, returnable.

STOCKTON. San Joaquin Co., Cal.—Until Sept. 8, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to remove present structures and const. two new bridges on Thomas Wall St. road No. 245 near Linden in Rd. Dist. 1.

Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from County Surveyor E. E. Quall on deposit of \$10, returnable.

MARTINEZ. Contra Costa Co., Cal.—Jas. T. Sayles, Martinez, at approx. \$14,350 awarded cont. by supervisors to const. 4 timber bridges.

SAN JOSE. Santa Clara Co., Cal.—Until Sept. 15, 11 a. m., bids will be rec. by Henry A. Plister, county clerk, to const. rein. conc. bridge on Coleman road over Capitancillos creek in Supervisor Dist. No. 4.

Separate bids, same date, to const. rein. conc. bridge on Trimble road over Coyote Creek in Supervisor District No. 3. Plans obtainable from office of clerk, Robt. Chandler, county surveyor.

BUTTE COUNTY. Cal.—Until Sept. 15, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. girder bridge over Cherokee Canal by Pass about 1-mi. east of Richvale, Butte County. R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

SACRAMENTO. Cal.—Frederickson and Shannon, Sacramento, and T. G. Hersun, at \$2500 submitted identical bids to supervisors to const. trestle on Elverta Natomas rd. Morsberger and Sons at \$2214 submitted only other bid. Taken under advisement.

NAPA. Napa Co., Cal.—Harry Thorsten, Napa, at \$1860 awarded cont. by supervisors to const. 4 rein. conc. bridges in Rd. Dist. Nos. 2 and 5, and at \$17150 for 2 rein. conc. bridges in Wooden Valley, also at \$2293 to const. 2 rein. conc. bridges near White Sulphur Springs.

MERCED. Merced Co., Cal.—R. V. Meikle, Chief engineer, Merced Irrigation District, prepare spec. for five steel bridges in connection with relocation of Yosemite Valley R. R. contract, as previously reported, has been awarded to F. Rolandi, 550 Montgomery St., San Francisco. Spec. are under way for one plate girder bridge, 350 ft. long; one 500 ft. long; two 400 ft. long and one plate and girder and truss bridge, 1620 ft. long having piers 225 ft. high.

WILLOWS. Glenn Co., Cal.—Until Sept. 10, 10 a. m., bids will be rec. by W. H. Sale, county clerk, to const. rein. conc. bridge in Rd. Dist. No. 1, Emil n.w. of Willows. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk, Bayard Knock, county surveyor.

EUREKA. Humboldt Co., Cal.—Henry Padgett, Eureka, at \$7000 awarded contract by supervisors to const. Elk River bridge; three other bids received.

WILLOWS. Glenn Co., Cal.—Until Sept. 10, 10 a. m., bids will be rec. by W. H. Sale, county clerk, to const. reinforced concrete bridge in Rd. Dist. No. 7, n.w. of Willows. Cert. chk. 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk, Bayard Knock, county surveyor.

DEL NORTE COUNTY. Calif.—Until Aug. 27, 10 a. m., bids will be rec. by U. S. Bureau of Public Roads, C. H. Sweetser, district engineer, 9 Main St., San Francisco, to const. 4 bridges on road in Del Norte county. Invol. 890 cu. yds. excavation; 1208 cu. yds. conc.; 162,500 pounds reinforced steel; 308,000 pounds structural steel; 13,500 lbs. cast steel. See call for bids under official proposal section in this issue.

OROVILLE. Butte Co., Cal.—Until Sept. 2, 1:35 p. m., bids will be rec. by C. F. Beiding, county clerk, to remove 44-ft. span steel bridge over Dry Creek at Pentz and reconstruct same over Berry creek on Oroville-Quincy road. Cert. check 10% req. with bid. Plans obtainable from Co. Rd. Eng. Harry H. Hume.

SANTA ROSA. Sonoma Co., Cal.—Until Sept. 11, 12 m., bids will be rec. by W. W. Felt, Jr., county clerk, to const. 2 rein. conc. culverts and fill in 2nd Supervisorial District. Invol. 65 cu. yds. Class A conc.; 2700 lbs. steel; 1500 cu. yds. fill; est. cost \$3250. Spec. on file in office of clerk and obtainable from County Surveyor E. A. Peugh.

WOODLAND. Yolo Co., Cal.—County Eng. Asa G. Proctor preparing plans for bridge at Knights Landing over Sycamore slough to replace structure which collapsed.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES. Cal.—Western Dredging Co., 629 Citizens National Bk. Bldg., only bidder at \$346,500 to imp. Banning Blvd., bet. Anaheim and B Sts., invol. grading about 800,000 cu. yds. fill, and at \$1436 for cem. pipe sanitary sewer. The contract for dredging in the harbor adjacent to this work calls for 2,500,000 cu. yds. material to be removed. Of this amount 800,000 cu. yds. will be used for fill on the Banning Blvd. job.

OAKLAND. Cal.—Until Sept. 20, 11 A. M., bids will be rec. by U. S. Engineer Office, Customhouse, for dredging in Oakland Harbor. Further information obtainable from above office.

LOS ANGELES. Cal.—Until 2 P. M., Aug. 25, bids will be rec. by supervisors of Hood control dist. to fur. 10,000 to 15,000 tons riprap rock, f. o. b. cars at quarry. Spec. at office of board. Cert. check or bond, 10%. M. B. Beatty, clk.

LOS ANGELES. Cal.—San Francisco Bridge Co., 14 Montgomery St., San Francisco, submitted only bid to harbor comm. at 26.5c cu. yd. to dredge in vicinity of Berths 208 and 168, invol. 64,000 cu. yds.

SAN DIEGO. Cal.—Election will be held Sept. 10, to vote \$250,000 bond issue for harbor imps. A 3000-ft. bulkhead and fill of pre-cast conc. 15 ft. high, will run from Columbia St. to 8th St. Dredging estimates place a cost of 20c yd. for the channel, which will be 200 ft. wide and 20 ft. deep at low water, with a slope upon which apron wharves can be constructed, to serve various industries along the water front.

IRRIGATION PROJECTS

TRACY. San Joaquin Co., Cal.—Bids will be asked shortly by Santa Carabona Irr. Dist., Tracy, for pumping plants, invol. dredger cut, invol. 100,000 cu. yds. dredged material; main canal, 4 mi. of main canal, invol. about 64,000 cu. yds. earthwork; pumping plants as follows: Lake Water pumping plants, equipped with 12 24-in. centrif. pumps; 6 20-in. centrif. pumps, lifts vary from 20 ft. to 35 ft.; 18 motors, ranging from 175 h. p. to 250 h. p.; valves est. to cost about \$5000 for each plant. Total est. cost of pumping plants is \$120,000. Above details are approximate only, as spec. have not yet been completed. Later contracts will include completion of the main canal, concr. lining, lateral sys., etc. Total est. cost, \$705,000.

HANFORD. Kings Co., Cal.—State Engineer W. F. McClure has approved petition to form Tulare Lake Water Storage District which contemplates irrigation of 150,330 acres in lake district by constructing several reservoirs.

CALIFORNIA.—Following is a partial list of applications filed during month of July, 1924, with the State Department of Public Works, Division of Water Rights, Sacramento, for permits to appropriate water: (Edward Hyatt, Jr., acting chief of division):

Applications

Application No. 4061 (Stanislaus Co.) John S. Tully, Modesto, for 1.5 cu. ft. per sec. from Dry Creek tributary of Tuolumne River for irrigation of 100 acres. Est. cost \$3500.

App. 4063 (Riverside Co.) Stuart D. Allen, Redlands, Cal., for 0.025 cu. ft. per sec. from Blaisdell Canyon for domestic purposes. Est. cost \$1000.

App. 4066 (Humboldt Co.) John Christensen, Ferndale, Cal., for 1 cu. ft. per sec. from Eel River tributary to Pacific Ocean for agricultural purposes to irrigate 69 acres.

App. 4067 (Imperial Co.) J. E. McDonald, Jacumba, Cal., for 0.011 cu. ft. per sec. from Deep Canyon for domestic purposes at Service station. Est. cost \$1000.

App. 4068 (Riverside Co.) Jas. I. Gulick Elsinore, Cal., for .25 cu. ft. per sec. from Dickey Canyon for irrigation of 80 acres. Est. cost \$1000.

App. 4069 (Sacramento Co.) City of Sacramento, for 1000 cu. ft. per sec. and 400,000 ac. ft. storage from Amer-

Carbide Flare Lights
OxyAcetylene Equipment
Goggles—Respirators
First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET
San Francisco, Calif.

Douglas 6320

iran River for municipal uses and flood control.

App. 1070 (Sacramento Co.) City of Sacramento, for 100 cu. ft. per sec. and 400,000 ac. ft. storage from American River for irrigation and flood control. Irrigation of all lands below 200 ft. contour on North and South sides of American River to Sacramento River.

App. 4071 (San Joaquin Co.) Dorothea River, near Stockton, Cal., for 2.1 cu. ft. per sec. from Old River tributary to San Joaquin River, for the irrigation of 165.13 acres. Est. cost \$5000.

App. 4074 (San Luis Obispo Co.) John Tognazzini, San Luis Obispo, Cal., for 33 cu. ft. per sec. from Villa Creek tributary to Corral de Piedra Creek for the irrigation of 27 acres. Est. cost \$2000.

App. 4078 (Humboldt Co.) V. E. Paine Larabee, Cal., for 50 cu. ft. per sec. from Bel River, for agricultural purposes on 40 acres. Est. cost \$1000.

App. 4079 (Humboldt Co.) V. E. Pedratti, Larabee, Cal., for 50 cu. ft. per sec. from Bel River, for agricultural purposes on 20 acres. Est. cost \$1000.

App. 4080 (Sierra Co.) R. Gillespie, Sierra City, Cal., for 25 cu. ft. per sec. from South Fork of North Yuba River, for power purposes. Ocasioo Fr., Ocasioo, Colorado, Colorado Ex. Fr., Yellow Jacket mines in Sierra Co. Mining District.

App. 4085 (San Bernardino Co.) A. L. Rouda, Los Angeles, Cal., for 275 gals. per day from unnamed spring tributary to Holcom Creek for domestic use on cabin sites in Angeles National Forest. Est. cost \$2500.

App. 4089 (San Diego Co.) Cuyamaca Water Company, San Diego, Cal., for 10 cu. ft. per sec. and 91.575 ac. ft. per annum from San Diego River for irrigation and domestic use on 25,000 acres. Est. cost \$3,000,000.

App. 4092 (Eldorado Co.) George Westcott, Omo Ranch, Placerville, Cal., for 1.25 cu. ft. per sec. from Oregon Gulch tributary to Consumes River, for mining, ground sluicing, and tunnel purposes.

App. 4093 (Los Angeles Co.) U. S. Forest Service, Los Angeles, Cal., for .025 cu. ft. per sec. from Bluejay spring tributary to Little Bear Canyon for domestic purposes on National Forest residence tract. Est. cost \$3500.

App. 4094 (Los Angeles Co.) U. S. Forest Service, Los Angeles, Cal., for .025 cu. ft. per sec. from unnamed spring tributary to Little Bear Canyon for domestic purposes on special use tract. Est. cost \$1500.

App. 4095 (Los Angeles Co.) U. S. Forest Service, Los Angeles, Cal., for .025 cu. ft. per sec. from unnamed spring tributary to Burnt Mill Canyon, for domestic purposes on special use tract. Est. cost \$1500.

App. 4096 (Los Angeles Co.) U. S. Forest Service, Los Angeles, Cal., for .025 cu. ft. per sec. from group of 3 springs tributary to Burnt Mill Canyon for domestic purposes on special use tract. Est. cost \$1500.

App. 4097 (Eldorado Co.) D. F. Densel 423 Chronicle Bldg., San Francisco, for 1 cu. ft. per sec. from unnamed stream from abandoned tunnel for placer mining in same section. Est. cost \$1000.

App. 4098 (Yolo Co.) Reclamation District No. 999, Clarksburg, Cal., for 4.82 cu. ft. per sec. from West Levee Borrow Pit tributary to Prospect Slough for irrigation of 386 acres. Cost \$3795.

App. 4100 (Yolo Co.) Reclamation District No. 999, Clarksburg, Cal., for 114 cu. ft. per sec. from Elk Slough tributary to Sacramento river, for irrigation of 21,805 acres being in lower unit of Reclamation District No. 999. Cost \$15,000.

App. 4101 (Yolo Co.) Reclamation District No. 999, Clarksburg, Cal., for 1230 cu. ft. per sec. from West Levee Borrow Pit of Reclamation District No. 999 for irrigation of 1033 acres. Est. cost \$9000.

App. 4104 (San Mateo Co.) Islam Redwoods Shrine, 1320 Alaska Commercial Building, San Francisco, Cal., for 9 cu. ft. per sec. from Peters Creek, tributary to Pescadero Creek, for domestic use and irrigation of lawns, garden and golf course and maintaining roads.

App. 4110 (San Joaquin Co.) Albina Bonetti, care Ohm and Raab, 517 East Market St. Stockton, Cal., for 8.40 cu. ft. per sec. from Old River and North Canal tributary to San Joaquin River for irrigation of lands. Seven points of

diversion by means of siphons. Est. cost \$7000.

App. 4111 (Los Angeles Co.) Gypsum Plaster Co., 227 Black Bldg., Los Angeles, Cal., for .05 cu. ft. per sec. from Gypsy Spring tributary to Santa Clara River, for domestic use and mining purposes. Est. cost \$1200.

App. 4116 (Santa Cruz Co.) City of Santa Cruz for 200 cu. ft. per sec. from San Lorenzo River, for power plant to generate 177 h.p.

App. 4117 (Santa Cruz Co.) City of Santa Cruz for 15 cu. ft. per sec. from San Lorenzo River for municipal purposes.

App. 4124 (Yolo Co.) S. Sweet Company, Visalia, Cal., for 7.12 cu. ft. per sec. from West Line Borrow Pit of Reclamation District, for irrigation of lands.

Permits

Permit No. 1762 (Mono Co.) issued to Nevada California Power Company, Riverside, Cal., 4500 ac. ft. per annum from North Fork of Rush Creek for power. Proposes to develop 5040 t. h. p. Est. cost \$160,000.

Permit 1764 (Trinity Co.) The Morris Group Gold Mining Company, Burnt Ranch, Cal., for 10 cu. ft. per sec. from Clara Creek, for mining and domestic purposes near point of diversion. Est. cost \$2500.

Permit 1765 (Trinity Co.) Morris Group Gold Mining Company, Burnt Ranch, Cal., for 10 cu. ft. per sec. from Allen Creek for mining purposes. Est. cost \$1500.

Permit 1766 (Lassen Co.) Homer C. Jack, Bieber, Cal., for 6.5 cu. ft. per sec. from Canyon Branch of Juniper Creek for irrigation of 1720 acres. Est. cost \$20,000.

Permit 1767 (Modoc Co.) W. O. Blasingsame et al., Alturas, Cal., for 1332 ac. ft. per annum from Antelope Plains Drainage Area in Sec. 11, T 43 N, R 10 E, for irrigation of 1515 acres near point of diversion. Est. cost \$5000.

Permit 1768 (Modoc Co.) Springs Valley Irrigation District, Alturas, Cal., 50,000 ac. ft. per annum from the entire drainage area which naturally drains into that certain basin known as Big Sage for irrigation of 40 acres in Reclamation District. Est. cost \$92,500.

Permit 1769 (Modoc Co.) James McBrien, Alturas, Cal., 1626 ac. ft. per annum from Rye Grass Swale Drainage area for irrigation of 375 acres. Est. cost \$10,000.

Permit 1771 (Modoc Co.) James C. Porter, Alturas, Cal., for 500 ac. ft. per annum from Parker Creek for irrigation of 172 acres. Est. cost \$2000.

Permit 1777 (Ventura Co.) Charles J. Wheeler, Stauffer, Cal., for .015 cu. ft. per sec. from a spring for domestic purposes and irrigation of 10 acres. Est. cost \$1000.

Permit 1779 (Butte Co.) G. H. V. Land Company, Chico, Cal., 15 cu. ft. per sec. from Hamlin Slough and Butte Creek, for irrigation of 2338.3 acres. Est. cost \$1250.

Permit 1780 (Inyo Co.) George E. Warren, Big Pine, Cal., 7 cu. ft. per sec. and 120 ac. ft. per annum from Harkless Slough for irrigation of 560 acres. Est. cost \$1500.

Permit 1781 (Tuolumne Co.) U. S. Forest Service, Sonora, Cal., for 3 cu. ft. per sec. from Gooseberry Spring for domestic purposes for homesteads on Stateless National Forest for approximately 300 homesteads. Est. cost \$6500.

Perit 1782 (Inyo Co.) Pierson Mines, Independence, Cal., for 1 cu. ft. per sec. from Green Water Spring for domestic and industrial purposes. Est. cost \$5000 and 120 ac. ft. per annum from Harkless Slough for irrigation of 560 acres. Est. cost \$1500.

Permit 1783 (San Mateo Co.) Dante Dianda and John Patroni, Half Moon Bay, Cal., for 1.88 cu. ft. per sec. and 33.5 ac. ft. per annum from San Antonio Creek and unnamed creek for irrigation of 150 acres in Sec. 11. Est. cost \$9000.

Permit 1784 (San Bernardino Co.) Ezra B. Meeker, Cajon, Cal., for .19 cu. ft. per sec. for domestic and irrigation of 15 acres. Est. cost \$1500.

Permit 1785 (Siiskiyou Co.) Jerome D. and John J. Kuck, Mt. Shasta, Cal., for 2 cu. ft. per sec. from Parker Camp Canyon for irrigation of 465 acres near point of diversion.

Permit 1786 (Riverside Co.) Alberhill Coal and Clay Company, Alberhill, Cal., for 10 cu. ft. per sec. from Sycamore Springs, for domestic and irrigation of 30 acres. Est. cost \$2000.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council declare intent to construct light system in which White Ave., bet. Hollywood and Sunset Bldgs., 20-ft. steel posts, 15' Deane Ave., Whitshire Blvd. to Country Club Dr. 21' conc. posts, 15' on Alameda Ave., Whitshire Blvd. to Country Club Dr.; 30 conc. posts.

LOS ANGELES, Cal.—Supervisors declare intent, to construct, ornamental light sys. in Covington Blvd., El Monte St. and Main Ave. Co. Imp. No. 101. Concr. posts with granite finish.

NAPA, Napa Co., Cal.—H. C. Reid Co., 115 Mission St., San Francisco, at \$35,875.00 awarded cont. by council to install 153 Arcadian c. i. lighting standards with globes, wiring, etc., in portions of Brown, Main, Soscol, 3rd, 2nd, 1st, Clay and Pearl Sts. Other bids were: Central Electric Co. of San Francisco, \$37,385; Butte Elec. Equipment Co., San Francisco, \$37,816; Robinson Elec. Co., Fresno, \$37,842; Butte Elec. & Mfg. Co., San Francisco, \$38,139.15; E. G. Wilson, Napa, \$37,125.45; F. E. Newbery Co., San Francisco, \$37,485.

LOS ANGELES, Cal.—R. A. Wattison, 4928 Melrose Hill, awarded cont. by 1st Pub. Wks. at \$11,771 for ornamental lighting systems in Virginia Rd., bet. Washington and 23rd Sts.

LOS ANGELES, Cal.—Geo. W. Kemper, P. O. Box 233, Venice, submits low bid to Bd. Pub. Wks. at \$160,689 for lighting system in Sunset Blvd. bet. N. Broadway and Sanborn Ave. Bids: Robertson Elec. Co., \$160,750; Newberry Elec. Corp., \$168,751; C. W. Sparks, \$169,432; H. H. Walker, \$171,416; R. A. Wattison, \$174,319; Elec. Ltg. Supply Co., \$174,949; W. A. McNally, \$175,760; J. C. Randler, Inc., \$179,888.

PASADENA, Cal.—W. A. McNally 517 Broadway, Pasadena, awarded cont. by city directors at \$10,666 for light system in Oakland Ave., bet. Calif. St. and Allendale Ave. Walker & Marin bid \$14,300.

LOS ANGELES, Cal.—Council declares intent, to install light system in Flower St., bet. Third and Washington Sts., 62 pr. steel posts; and in Glenhurst Ave., bet. Glendale Blvd. and Tyburn St. (11 conc. posts); 1911 act.

MACHINERY & EQUIPMENT

SACRAMENTO, Cal.—Until Sept. 3, 2 P. M., bids will be rec. by W. C. Kesner, clerk, Beaver Union Elementary School District, to furnish school bus; 1½ ton chassis, 150-inch wheel base, dual rear wheels, about 40 horsepower, electric starter and lighting system, weather proof body, capacity 30 pupils or more. Cert. check 10% down, with 10% other information obtainable from clerk.

LOS ANGELES, Cal.—Until 9 A. M., Aug. 30, bids will be rec. by L. L. Pratt, Bd. of Education, 525 Security Bldg., Pasadena, to fur. machine lathes.

HANFORD, Kings Co., Cal.—Ben Hancock, Lemore, at \$2700 awarded cont. by Hanford High School District to furnish Reo chassis for transportation of school pupils. Contract for body awarded to Lauritzen Implement Co., Fresno, at \$153.

Eureka, Humboldt Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by A. W. Kilde, Bay View, to fur. one 35-45 passenger motor bus to be used in connection with Municipal Railway System. Further information obtainable from clerk.

OROSI, Tulare Co., Cal.—Until Aug. 26, 1 p. m., bids will be rec. by C. F. Schleicher, clerk Orosi School District, to fur. (sale or lease) one gasoline motor truck with bus body complete, motor to be not less than 20 h. p., body to have carrying capacity of between 30 and 40 pupils. Further information from clerk.

COVINA, Cal.—Until Sept. 8, Aug. 23 bids will be rec. by city trust. for 1-ton trucks. John C. Hutchins is city clerk.

LOS ANGELES, Cal.—Until Sept. 8, Aug. 23 bids will be rec. by city trust. for 1-ton trucks. John C. Hutchins is city clerk.

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RAILROADS

FRESNO, Fresno, Cal.—S. P. Ry. has applied for permit to lay about 23 miles spur track at the middle section. Appl. made by W. H. Shattuck, attorney for railway.

SAN ANTONIO, Tex.—Tampico & Northern Railway has received franchise from Mexican government to construct line bet. San Antonio, Tex., and Tampico, Mexico, 550 mi. Jose Maria Ortiz of Mexico City, vice-president, secured the franchise for the railway. Albert Steves, President.

LOS ANGELES, Cal.—A contract amounting to approximately \$2,500,000 for railway switches and frogs awarded by harbor commission to the L. S. Steel Iron Corp.

WINNIPEG, Canada.—Following contracts awarded by Canadian National Railways, involve clearing and grading of new branch lines recently authorized by Parliament:

Dumblane, southeast: Messrs. Dutton, Mannie & Wickstrand of Winnipeg. Line is 42 mi. in length; contract includes installation of conc. culverts. Hanna to Warden branch, 50 mi.; Loyds, Ltd., and A. C. Bryson & Son, Winnipeg.

Lovena West branch, 50 mi.; J. T. Hargrave & Co., Ltd., Winnipeg. Peebles south branch, 2½ mi.; J. T. Hargrave & Co., Ltd., Winnipeg.

FIRE ALARM SYSTEMS

EUREKA, Humboldt Co., Cal.—Supervisors will ask bids at once to install burglar alarm system in county treasurer's office. Fred M. Kay, county clerk.

FIRE EQUIPMENT

BRAWLEY, Cal.—Bonds of \$15,000 for fire department equipment have been voted.

SAN FRANCISCO—Until Sept. 2, 2:30 p. m., bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. fire hose. Further information obtainable from above office.

CHINO, Cal.—City trustees plan purchase of fire truck. M. L. Birnie, city clerk.

COMPTON, Cal.—\$40,000 bond issue for additional fire protection carried at the recent election.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Simons Brick Co., Standard Brick Co. and Western Brick Co., Inc., submitted identical bids to bid pub. wks. for (a) 1,000,000 and (b) 75,000 common sewer brick for secs. 15 and 16 north outfall sewer, at \$17.50 per M each item. All bids stated net except Standard Brick Co.'s bid. Standard also spec. del. as requested.

Tropico Potteries, Inc., and Pac. Clay Products Co., Inc., submitted identical bids at \$122 per M ft. for vit. clay lining blocks, 3½-in. wide, for north outfall sewer, involv. 100,000 lin. ft. for sec. 15 and 47,000 lin. ft. for sec. 16. Calif. Portland Cement Co. and Southwestern Portland Cement Co. submitted identical bids at \$3 per bbl. for 72,000 bbls. cem. for sec. 15 and 3000

bbls. cem. for sec. 16 north outfall sewer. Refunds 10c per sack. Calif. specified carlots f. o. b. cars Scentous siding. Calif. specified any incr. or decr. in frt. rates to be paid by purchaser, also necessary disc.

Bids rec. for steel for conc. base for sec. 15 north outfall sewer, involv. (a) (b) and (c) in accordance with spec. were:

American Sys. of Reinforcing—(a) \$106.50 per 100 bars; (b) 1, \$41 per 100 bars, and 2, \$108.50 per 100 bars.

Calif. Hdwe. Co.—(a) \$105.25; (b) 1, \$40.30 and 2, \$105.25.

Pac. Coast Steel Co.—(a) \$103.60; (b) 1, \$37.75, and 2, \$103.60.

Bid of Ohio Falls Iron Co. not declared; no affidavit.

Bids rec. for reinf. steel for concrete base sec. 16, north outfall sewer, involv. (a), (b) and (c) in accord with spec. were:

American Sys. of Reinforcing—(a) \$41; (b) 1, \$12.25 and 2, \$43.50.

Calif. Hdwe. Co.—(a) \$40.30; (b) 1, \$10.35, and 2, \$40.30.

Pac. Coast Steel Co.—(a) \$39.75; b, \$11.95, and 2, \$39.75.

Bid of Ohio Falls Iron Co. not declared; no affidavit.

Bids rec. for sand for sec. 15 north outfall sewer, involv. (a) 4500 tons conc. sand; (b) 850 tons sand, and (c) 70 tons mortar sand, were:

Blue Diamond Co.—\$1.50 per ton each item; 1% disc. cash pay. 10th mo. for.

Consumers Rock & Gravel Co.—\$1.55 per ton each item.

Fewell-Webb Co.—(a) 82c, (b) \$1, (c) \$1; city to pay frt. charges from gravel pit at Baldwin Park to Culver City.

Mayhugh-McGaffey Co.—(a) \$1.50, (b) \$1.60; (c) \$1.60; re frt., etc.; see bids on crushed rock.

Union Rock Co.—(a) \$1, (b) \$1.15, (c) \$1.15; re frt., etc.; see bids on crushed rock.

Bids rec. for sand for sec. 16, north outfall sewer, involv. (a) 1700 tons conc. sand, (b) 600 tons mortar sand, and (c) 35 tons mortar sand, were:

Blue Diamond Co.—\$1.50 per ton each item.

Fewell-Webb Co., Inc.—(a) 82c, (b) \$1, (c) \$1.

Mayhugh-McGaffey Co.—(a) \$1.50, (b) \$1.60, (c) \$1.60.

Union Rock Co.—(a) 90c, (b) \$1.05, (c) \$1.05.

For frt. and other conditions, see bid on crushed rock.

LOS ANGELES, Cal.—Bids rec. by bid pub. wks. for crushed rock or screen gravel, for sec. 15, north outfall sewer, involv. (a) 8000 tons with max. size 2½-in.; (b) 9000 tons with max. size 2½-in.; and 2, 3000 tons with max. size 1½-in.; (c) 4000 tons with max. size 2½-in., were:

Blue Diamond Co.—(a) \$2.35; (b) 1, \$2.35, and 2, \$2.45; (c) \$2.35; less 1% cash disc. pay. by 10th mo. foll.

Consumers Rock & Gravel Co.—\$2 under ea. item.

Fewell-Webb Co., Inc.—\$1.19 each item. City to pay frt. from grav. pit at Baldwin Park to Culver City.

Mayhugh-McGaffey Co.—(a) \$1.80; (b) 1, \$1.80, and 2, \$1.90; (c) \$1.80; quot. on items a, b, and c, incl. frt. charges to Culver City or Scentous sidings where mat. is shipped by rail; time of die, as direct, by engr.

Union Rock Co.—\$1.25 ea. item; add frt. for total delivered unit price; co's del. points are within present minimum city rate, 50c per ton.

Bids rec. by bid pub. wks. for crushed rock for sec. 16, north outfall sewer, involv. (a) 3000 tons with max. size 2½-in.; (b) 1200 tons with max. size 2½-in.; and 2, 1300 tons with max. size 2½-in.; (c) 1800 tons with max. size 2½-in., were:

Blue Diamond Co.—(a) \$2.35; (b) 1, \$2.35, and 2, \$2.45; (c) \$2.35; 1% cash disc. pay. 10th mo. fol.

Consumers Rock & Gravel Co.—\$2 ea. item.

Fewell-Webb Co., Inc.—\$1.19 each item. City to pay frt. from grav. pit at Baldwin Park to Culver City.

Mayhugh-McGaffey Co.—(a) \$1.80; (b) 1, \$1.80, and 2, \$1.90; (c) \$1.80, above items a, b, c, incl. frt. charges to Culver City or Scentous sidings where mat. is shipped by rail; time of die, as direct, by engr.

Union Rock Co.—\$1.25 ea. item; add frt. to these prices for total del. unit price; co's del. points are within the present min. city rate of 50c per ton.

CLIFTON, Ariz.—Until 10 A. M., Sept. 2, bids will be rec. by the Greenlee Co. Super. for 30 M. E. M. 3"12"×16" planking for flooring the Duncan bridge. Cert. chk., 10%. A. L. Terry, clerk.

SAN FRANCISCO—City Bureau of Engineering completing specifications to surface with ornamental brick Civic Center Parking area fronting the city square improvements to be done by the hall. Approx. \$20,000 will be expended in the work which includes land-Park Commissioners.

LOS ANGELES, Cal.—Until 2:30 P. M., Aug. 29, bids will be rec. by harbor comm., \$12 Byrne Bldg., for manila rope, spec. 100 ft. from harbor engr., Berth 30, San Pedro.

RESERVOIRS AND DAMS

HANFORD, Kings Co., Cal.—See "Irrigation Projects," this issue. Reservoirs contemplated.

NEWPORT BEACH, Cal.—See "Waterworks," this issue.

VALLEJO, Solano Co., Cal.—See "Waterworks," this issue. Bids wanted for Gordon Valley Dam.

LOS ANGELES, Cal.—County supervisors will submit to Col. Goethals plans for Pacoima dam as prepared by Engr. Reagan. Est. \$1,750,000. If approved by board, dams bids will be asked at once. The dam is to be complete in November 1927.

PHOENIX, Ariz.—C. C. Cragin, gen. supt. Salt River Valley Water Users' Assn., has left for Washington, D. C., to confer with sec. of inter. regarding plans for Horse Mesa Dam. A portion of \$1,400,000 bond issue will be sold August 28.

LOS ANGELES, Cal.—Until 2 p. m., Sept. 29, bids will be rec. by Los Angeles County Flood Control District for const. of a constant angle arch type dam in "The Narrows" in Pacoima canyon, approx. 4 mi. from San Fernando, 600 ft. long on top and 375 ft. high, with a top width of 8 ft., est. to cost \$1,500,000. Work involv. (1) 22,000 cu. yds. excav. (2) 12,000 cu. yds. excav. (no blast, and incl. excav. below elev. of 1660; (3) 143,000 cu. yds. plain conc.; (4) 620 cu. yds. reinf. conc.; (5) 360 cu. yds. tunnel excav.; (6) 120 cu. yds. plain conc. tunnel lining; (7) 50 cu. yds. reinf. conc. tunnel lining; (8) 11,000 lin. ft. grout pipe and fittings and dr. pipe and fittings to be placed in the conc.; (9) 100 cu. yds. cement grouting under pressure in drill holes; (10) 1200 lin. ft. 2-in. galv. wr. iron hand railing with 2½-in. Clinton welded mesh (to be placed only by contr.); (11) 1900 lin. ft. asphaltum filler with steam pipe (to be placed only); (12) 150 lin. ft. 30-in. steel discharge pipe (to be placed only); (13) 1000 lin. ft. drilling in indef. n. of drill holes, 3-in. dia. in bed rock beneath bottom of bottom of canyon or through masonry for grouting beneath dam, incl. filling, placing and sealing of pressure grout pipe. Work to begin Oct. 20, 1924, to be compl. Nov. 1, 1927. Plans and spec. upon ad. \$5. Cert. chk. or bond, 10%. Jas. A. Reagan, co. flood control engr. The dist. will fur. f. o. b. San Fernando cement, steel, copper plate for water stops, and mat. req. in items 8 to 13, incl.

PIPE LINES, WELLS, ETC.

AZUSA, Cal.—South Counties Gas Co. will expend \$40,000 for 31,000 ft. 8-in. line in west sec. of Pomona valley, from Spadra to Covina.

MAYFIELD, Santa Clara Co., Cal.—Grinnell Co. of the Pacific, 8th and Brannan Sts., San Francisco, at \$3.00 ft. awarded cont. by town trustees to fur. 2200 ft. 4-in. bell and spigot, cast iron pipe.

SAN FRANCISCO — Healy-Tibbitts Co., 64 Pine St., at approx. \$312,230 submits low bid to Bd. Pub. Wks. to const. submarine pipe lines for Bay Crossing Division, Hitch Hetchy project. Contract No. 105. Other bids were: San Francisco Bridge Co., \$427,000; S. J. Merritt, Chapman and Scott, San Francisco, \$492,316.

MAYFIELD, Santa Clara Co., Cal. — Following bids taken under advisement by town trustees to fur. 2000 lin. ft. 4-in. bell and spigot, 12" pipe: Amer. C. I. Pipe Co., \$1813 ft. Crane Co., \$77.20 ton. Grinnell Co., \$39 ft. U. S. C. I. Pipe & Foundry Co., \$8137 per ft. Nat'l C. I. Pipe Co., \$6119.

LOS ANGELES, Cal. — Public Service Commission awards following contracts:

James Jones Co., 201 Leroy St., at \$3300 for water ret. conn; spec. W. 278 (¾-in. at 15c and 1-in. at 24c); part from stock; bal. as required. Natl. Brass Wks. bid 27.55¢ 1-in. and 21.15¢ 1-in., or \$4955 total. Mueller Co. bid 15¢ for ¾-in. and 25¼¢ for 1-in., or \$4955 total. Bids f. o. b. 801 N. Alameda Street.

De Laval Pac. Co. at \$749 for one centrif. oil purifier (spec. 726-A), equip. with 110-v., 50-cycle, single phase motor; del. 40 days.

Baker Iron Wks., 912 N. Broadway at \$2.58 per ft. for 20-in. riv. sheet steel pipe, spec. 726-C, f. o. b. bidder's shop; compl. del. Sept. 15.

Baker Iron Wks. at \$5.05 per ft. for 1400 ft. 36-in. riv. sheet steel pipe, spec. 726-D; comm. del. 2 wks., compl. 2 wks. thereafter.

SEWAGE DISPOSAL PLANTS

NORTH SACRAMENTO, Cal. — C. C. Kennedy, consulting engineer, commissioned by city trustees to prepare specifications for sewage disposal system. Estimate of cost will be submitted shortly.

MISCELLANEOUS CONSTRUCTION

TAFT, Kern Co., Cal. — City Engr. O. R. Boyd desires to secure quotations for various types of street signs, incl. wall and curb types; also on house numbers.

NAPA, Napa Co., Cal. — Napa Lumber Co., and Noyes Lumber Co., both of Napa, awarded contract by supervisors to furnish 2000 bbls. Portland cement, each to furnish 1000 bbls.

EUREKA, Humboldt Co., Cal. — City council contemplates construction of incinerator to dispose of garbage at city dump. Estimates of cost are being prepared by City Engineer Harry Hannah.

SAN CARLOS, San Mateo Co., Cal. — Municipal Property Co. of San Francisco, backed by San Francisco and Eastern capital, has purchased for approximately \$750,000, the old Phelps estate, north of San Carlos and plans to expend \$1,000,000 for the improvement of the lands. Sewering and paving of streets, construction of tennis courts, golf course, etc. are among improvements contemplated. W. F. Chipman of San Francisco is said to be interested in the purchase.

REDONDO BEACH, Cal. — City trustees will call bond election to vote \$35,000 for garbage disposal and incinerator plant. Walter J. Baalam, city clerk.

WATER WORKS

TRACY, San Joaquin Co., Cal. — See "Irrigation Projects," this issue. To ask bids.

WHITTIER, Cal. — See "Power Plants," this issue. Bids wanted.

BRAWLEY, Cal. — Bond issue of \$30,000 for waterworks improvements carried.

HEMET, Cal. — Estimates of cost for water system proposed is set at \$129,000 by City Engr. Stetson. A mass meeting will be held within two weeks to decide plan.

DENVER, Colo. — See "Government Work and Supplies," this issue. Bids wanted for pumping plants.

PEARL HARBOR, T. H. — See "Government Work and Supplies," this issue. Bids opened for steel tank.

VALLEJO, Solano Co., Cal. — Until Sept. 1, 10 a. m., bids will be rec. by Alf. E. Edgumbe, city clerk, to const. Gordon Valley Dam in connection with Gordon Valley water project for city of Vallejo; dam to be of rolled earth-fill type, 92-ft. high, 560 ft. long on top, 45 ft. deep core trench work. Bids will be accepted separately on any of the following items:

Item 1—45,000 cu. yds. excavation, stripping the foundation for the dam.

Item 2—20,000 cu. yds. excavation of material stripping from borrow pit site.

Item 3—92,000 cu. yds. excavation, earth and clay shale for core trench.

Item 4—15,000 cu. yds. excavation, earth and clay shale for outlet and spillway works.

Item 5—416 cu. yds. excavation, earth shale for outlet tower foundation.

Item 6—272,000 cu. yds. placing and compacting fill in core trench and main embankment.

Item 7—Constructing reinforced control and outlet towers, gate house, outlet conduit, spillway, headwalls and canals and paving of face of dam with concrete.

Item 8—(Alternative) concrete lined tunnel in place of conduit in cut.

Item 9—(Alternative) paving face of dam with hand placed rock instead of concrete.

Item 10—Furnishing 3950 bbls. Portland cement.

Item 11—60,000 lbs. reinforcing steel.

Item 12—Cast iron pipe, brass mounted gate valves 5 18-in. and 1 24-in. stand weight.

Item 13—Castings, pipe and fittings, metal, archer bolts, ladders, railings, etc.

Item 14—Clearing of flooded marginal area of reservoir 60 acres.

Plans on file in office of city clerk and obtainable from A. Kempkey, consulting engineer, Hobart Bldg., San Francisco.

LANKERSHIM, Cal. — The \$780,000 water stem bond issue election will be held Sept. 16.

SANTA ROSA, Sonoma Co., Cal. — Until Aug. 20, 5 P. M., bids will be rec. by Geo. R. Cadan, Sect'y, Board of Public Utilities, to drill well and install pump. Bids desired for:

Diameter of well.....	12 inches
Depth of well.....	153 feet
Water to be pumped.....	40 feet
Pumping level.....	68 feet
Pumping head above surface.....	8 feet
Total pumping head.....	76 feet
Flow per minute.....	550 to 600
Pump to be installed for service.....	1-8 inch check valve
.....	1-6 inch gate valve
.....	50 feet of 6 inch casing

Cost of the \$600 recd. with bid. Further information obtainable from Secretary, Rm. 14, City Hall, Santa Rosa.

NEWPORT BEACH, Cal. — City Engr. Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, preparing plans for enlarged water system for city. An add. reservoir of 1,500,000 gal. cap. is recommended.

DOWNEY, Cal. — Until 2 p. m., Aug. 30, bids will be rec. by Alameda School Dist. for aut. water pressure system at Alameda school College and Santa Rd., Downey. Cert. check or bid bond, 5%. Plans and spec. by Archt. Mott M. Marston, 507 Douglas Bldg., John I. Emig, clerk.

SANTA CRUZ, Santa Cruz Co., Cal. — U. S. Cast Iron Pipe and Foundry Co., Menardock Bldg., San Francisco, at \$9778.30 awarded contract by council to fur. water pipe.

TURLOCK, Stanislaus Co., Cal. — Until Sept. 1, 2 p. m., bids will be rec. by Mrs. Ettie Zimmer, clerk, Fairbanks School District, to install electric motor and pressure tank connected to water piping system. Further information obtainable from clerk, Rt. 2, Box 106, Turlock.

SANTA CRUZ, Santa Cruz Co., Cal. — Byron-Jackson Pump Mfg. Co., San Francisco, at \$1706 awarded contract by council to install pumping plant for sewage in Garfield Park District. Fairbanks, Morse Co. at \$1895, only other bidder.

SAN FRANCISCO — Until Sept. 2 2:30 p. m., bids will be rec. by Leonard S. Peavy, city purchasing agent, 270 City Hall, for fur. and del. water inlets. Further information obtainable from above office.

VISALIA, Tulare Co., Cal. — Earl Bowen, Strathmore, Cal., at \$12,232.36 awarded contract by Kings and Tulare County supervisors to const. approx. 9000 ft. of pipe line for Springville Tubercular hospital water supply. L. A. Moye, Tulare, county surveyor, estimated work at \$13,861.76.

VISALIA, Tulare Co., Cal. — Earl Bowen, Strathmore, awarded contract by supervisors of Tulare and Kings counties at \$12,232.36 for pipe line for Tulare-Kings Co. tubercular hospital at Springville. Lawrence Moye, co. eng. The awd. was made on Prop. D, double riv. 10-gauge dipped wrapped pipe (9000 ft. 6-in.). Engr.'s est., \$13,861.76.

PLAYGROUNDS AND PARKS

SAN CARLOS, San Mateo Co., Cal. — See "Miscellaneous Construction," this issue. Sewers, street work, golf course etc., contemplated.

SANTA CRUZ, Santa Cruz Co., Cal. — Santa Cruz Seaside Co., will expend approx. \$500,000 along beach front. O. Goldstein, president of the company, announces. Extension of the board walk and construction of a sea wall is contemplated in addition to a stadium and number of concession buildings.

EL PASO, Texas — Local business men organize to promote \$250,000 amusement park on 260-acre site within one mile of city. It is reported states of Texas, New Mexico and Arizona will build permanent exposition buildings on the grounds.

SEWERS & STREET WORK

SANTA CRUZ, Santa Cruz Co., Cal. — Until Sept. 8, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Santa Cruz-Watsonville road, a distance of 0.10-mi. Spec. obtainable from County Surveyor Lloyd Bowman on deposit of \$5, returnable.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Finch, clerk, declares intent to 1) 4-in. check valve; 2) 12-in. St. bet. Taylor and Rosa Sts., involv. grading; pave with 1½-in. Warrentine-Bitt surface on 3-in. bituminous base; hyd. cem. conc. walks, curbs and gutters; 2 hyd. cem. conc. alley driveways; 2 hyd. cem. conc. basins with 17-in. c.i. grating and frame; 8-in. vit. pipe drains; 2 hyd. cem. conc. storm water inlets; 3-in. hyd. cem. conc. sanitary sewer; 6-in. manholes, etc. 1911 Act & Bond Act 1915. Protests Sept. 2. Wm. Popp, city engineer.

LOS ANGELES, Cal. — Until Sept. 1, 12 M., bids will be rec. by H. A. Wood Co., 301 Hillcrest Bldg., for approx. 30,000 sq. ft. of paving in Palmer Ave. and Marion and Oberlin Drives, 1 of Acacia Hills Tract, Glendale, with 3-in. rock mac. pavement under Glendale City spec.

REDWOOD CITY, San Mateo Co., Cal. — County Surveyor Geo. A. Kneese preparing estimates of cost to construct wider fill at intersection of Belmont road and the Skyline Blvd.

EL CERRILLO, Contra Costa Co., Cal.—City Eng. Ross L. Calfee preparing spec. to pave Stockton St. bet San Pablo Ave. and Telegraph Ave. will be asphalt macadam, 20-ft. wide with conc. curbs and gutters.

OAKLAND, Cal.—Manuel Smith, 1003 85th Ave., Oakland, awarded cont. by contract to construct sewer in Elmore St., which 3-in. sewer, 4 1/2 in. d., manholes \$75 each, lampholes, \$10 each, wye branches, \$150 each.

SANTA MONICA, Cal.—Council plans to imp. portions of Berkeley, Cambridge, Lipton, Franklin, Stanford and Darlington Sts. in East Santa Monica.

OROVILLE, Butte Co., Cal.—Until Aug. 28, 11:35 a. m., bids will be recd. by C. F. Belding, county clerk, to const. Chico-Oroville rd. Rt. 20, Section B. Cert. check 10% req. with bid. Plans obtainable from Co. Rd. Eng. Harry H. Hume.

HAWTHORNE, Cal.—Geo. R. Curtis Inc., Co., 2149 12 1/2 St., L. A. awarded contracts by city trustees to pave: Broadway bet. Birch and Prairie Aves. at \$17,041, involv. Willitt pave; Truro and Eucalyptus Aves at \$54,411, involv. Willitt pave.

MONTEREY, Monterey Co., Cal.—City council, A. J. Mason, clerk, declares inten. (No. 1946) to imp. Decatur St., bet. Alvarado and Pacific sts., involv. grading; const. conc. curbs, gutters and walks; pave with 3 1/2-in. asph. conc. base with 1 1/2-in. asph. conc. surface; 6-in. vit. pipe sewers with 22 wye ranches; inspection holes; under and conduit system of 1 1/2-in. d. 1911 Act & Bond Act 1915. Protests Sept. 2, H. D. Severance, city eng.

LOS ANGELES, Cal.—See "Miscellaneous Supplies" this issue. Bids opened for materials in Los Angeles outfall sewer.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, submits low bid to council at \$18,956 to imp. Hawthorne and other Sts., involv. 8955 s. f. 4-in. conc. pav. 20c ft.; 88,861 sq. ft. pav. (4-in. conc. and 1 1/2-in. asph.) 18.8c ft.; 37 ft. curb 75c ft.; 208 cu. yds. earth excav \$1.50 yd.; 2 1/4-in. cem. conc. sewer laterals \$34 each; curb inlet, \$75; remov. curb and walk \$5. G. R. Daley bid \$21,828.97.

MONTEREY, Monterey Co., Cal.—City council, A. J. Mason, clerk, declares inten. (No. 1948) to imp. Lighthouse Ave., bet. n. line U. S. Military Reservation and boundary bet. cities of Monterey and Pacific Grove, involv. grading; pave with 5 1/2-in. macadam base with 2 1/2-in. asph. conc. surface; const. gutters. 1911 Act & Bond Act 1915. Protests Sept. 2, H. D. Severance, city eng.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 2, bids will be recd. by Ed. Pub. Wks. to imp. under 1911 act: 73th St., bet. San Pedro and Main Sts. involv. 468 sq. ft. 6-in. conc. paving; 34,921 sq. f. leconc. paving; 34,921 sq. ft. Warrenite-bit. paving (1 1/2-in. top and 3 1/2-in. base); 224 ft. curb; 981 sq. ft. walk.

Sanborn Ave. and Rector Pl. Imp. Dist. involv. 12,700 sq. ft. oiling and rolling; 150 sq. ft. gutter; 20c ft. paving. 63rd St., bet. Normandie and Western Aves., involv. 4242 sq. ft. 5-in. conc. paving; 131,956 sq. ft. oiling and rolling; 10,159 ft. curb; 49,430 sq. ft. walk; 21,921 sq. ft. gutter.

HUNTINGTON PARK, Cal.—City attorney, A. A. Tippell, instructed by city trustees to take action in collection of a bidder's bond which was filed with bid of Joe Chutuk, Los Angeles, when bids were opened by former bd. of trustees of city for const. of outfall sewer sys. Chutuk having been awarded the contract at \$66,400.

MONTEREY, Monterey Co., Cal.—City council, A. J. Mason, clerk, declares inten. (No. 1951) to imp. Hawthorne St., bet. n. line U. S. Military Reservation and south line of David Ave., involv. paving with 2 1/2-in. asph. conc. (Willitt process) surface laid on existing macadam base and Hawthorne St. bet. s. line of David Ave. and boundary line bet. cities of Monterey and Pacific Grove, involv. grading; pave with 3 1/2-in. asph. conc. base with 1 1/2-in. asph. conc. (Willitt process) surface conc. curbs and gutters; 29 sidewalk & Bond Act 1915 Protests Sept. 2, H. D. Severance, city eng.

LOS ANGELES, Cal.—Council starts to condemn property through Arroyo Seco for const. of scenic highway its entire length to connect with tri-city boulevard. The proposed highway will consist of a drainage channel in middle with roadway on each side. All grade crossings will be eliminated.

SAN DIEGO, Cal.—Pioneer Truck Co. 954 3rd St., San Diego, submitted low bid to council at \$40,399 to imp. Santa Monica Ave., involv. 9552.3 cu. yds. earth excav. \$1.29 yd.; 4011.6 cu. yds. earth embank. 28c yd.; 113,629.4 sq. ft. paving with 2-in. bitum. macad. 11.75c ft.; 26,127.2 sq. ft. cem. conc. sidewalk 25c ft.; 7932.1 sq. ft. cem. conc. gutters 50c ft.; 3383.1 in. ft. 8-in. cem. conc. curb 75c ft.; 88 lin. ft. 6-in. cem. conc. curb 75c ft.; relocating gutter, \$75.

Geo. R. Daley, 4430 Boundary St., San Diego, only bidder at \$105,000 to pave El Cajon Ave., involv. 245,827.76 sq. ft. paving with 2-in. asph. conc. top on 3-in. asph. conc. base 18.3c ft.; 285,085.46 sq. ft. paving with 1 1/2-in. asph. conc. top on 3-in. asph. conc. base 18.3c ft.; 33,243.09 sq. ft. cem. conc. sidewalk 23c ft.; 137.58 lin. ft. cem. conc. curb 67c ft.; miscellaneous, \$400.

SAN LUIS OBISPO, Cal.—Supervisors reject bid to const. portion of Avila road and work will be done by force account under supervision of county surveyor.

LOS ANGELES, Cal.—John McNamee 750 S. Figueroa St. awarded contract to Ed. Pub. Wks. at \$41,742 to imp. 60th St., bet. Hellman Ave. and Monterey Rd. involv. grading at \$8000 (lump sum); 76,151 sq. ft. conc. paving 22c ft.; 17,248 sq. ft. oil and roll 7c ft.; 4618 ft. curb 8c ft.; 24,329 sq. ft. curb 20c ft.; 2216 sq. ft. gutter 27c ft.; storm drain \$330; san. sewer, \$7400; 997 sq. ft. remod. oilled surface 7c ft.

Geo. H. Oswald, 366 E. 58th Street, awarded contract at \$8,149 to imp. 58th St., bet. Vermont Ave. and Harvard Blvd., involv. grading at \$8100 (lump sum); 552 sq. ft. asph. paving 26c sq. ft.; 648 sq. ft. cem. conc. paving 26c sq. ft.; 142 ft. curb 20c ft.; Warrenite-bit. inv. 29.5c sq. ft.; 823 ft. curb 75c sq. ft.; 1065 sq. ft. walk 22c ft.; 1781 sq. ft. gutter 27c ft.; san. sewer, \$675; 210 ft. hse. sewers \$2 ft. catch basin, \$700; 3670 sq. ft. bitum base paving 12c ft.

GARDEN GROVE, Cal.—L. D. Folsom Santa Ana, submitted low bid to const. sections of Garden Grove Sanitary Dist. Price Bldg., Garden Grove, at (a) \$16,208.42, using vit. pipe, and at (b) \$15,802.54 using conc. pipe, for constructing a sewer system consisting of sewer pipe, drain pipes, manholes and accessories. Approx. quantities are: 1213 ft. 12-in., 6632 ft. 18-in. and 60 ft. 8-in. pipe; 16 manholes. Alternate bids will be recd. on vit. clay pipe, E. L. Loucks, Santa Ana, engr. for the dist. Other bids were: Hickey & Harmon, (a) \$18,042.72; (b) —; Cox and Teget, (a) \$21,941.30, and (b) \$21,643.50; Heafey, Moore & McCar, (a) \$23,200; (b) \$22,784.29; Thomas Havery Co., (a) \$25,197.75, (b) \$24,935.14; E. L. Planticco (a) \$30,321.36, (b) —; Pernel Barnett, (a) \$37,805, (b) \$37,805. Bids under advisement.

SAN DIEGO, Cal.—Geo. R. Daley, 4430 Boundary St., San Diego, awarded contract by council at \$105,000 to pave El Cajon Blvd. with 5-in. asph. conc.

SAN DIEGO, Cal.—Supervisors reject bids to pave Santa Monica Blvd. Pioneer Truck Co. was low at \$40,398.

MARYSVILLE, Yuba Co., Cal.—Phillips Construction Co., Oakland, at approx. \$14,000 awarded cont. by Farm Lands Investment Company to construct and repair road leading to proposed Rio Oso bridge connecting with the termination of the Feather River Blvd.

SAN JOSE, Santa Clara Co., Cal.—Supervisors reject bids to imp. Mountain View and Alviso road and work will be done by day labor, under supervision of County Surveyor Robt. Chandler.

BAKERSFIELD, Kern Co., Cal.—City council, V. V. Ripper, clerk, declares inten. (No. 499) to imp. M St., bet. 20th and 24th Sts.; 24th St., bet. M and O Sts., O and P Sts., and P and Union Ave., involv. grading; const. cem. conc. gutters; pave with 3 1/2-in. asph. conc. base with 1 1/2-in. Warrenite surface; cem. conc. culverts with corr. iron covering; cel. conc. catchbasins. All in Imp. Street Dist. No. 499, 1911 Act. 1915. Protests Sept. 2, W. D. Clarke, city eng.

Barber Greene Model 42 Loader



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YREKA, Siskiyou Co., Cal.—Until Sept. 2, 10 a. m., bids will be rec. by W. J. Nelson, county clerk, to construct change in Aves. Third Road No. 225, Klamath Road District. Cost about \$400. For with bid. Plans obtainable from County Surveyor Albert J. Parrott.

INGLEWOOD, Cal.—G. R. Curtis Pav. Co., 2440 E. 26th St., L. A., awarded cont. by city trustees at \$2,425 to pave Damask St., bet. Arbor Vitae St. and Redondo Blvd., newly 20,952 sq. ft. grad. 36 ft. x 182 ft. curb 60 ft. (both sides); 39,562 sq. ft. walk 200 ft.; 5536 sq. ft. gut. 250 ft. (both sides); storm dr., \$2200, only. \$1200, 75,355 sq. ft. 5-in. macad. 10.5c ft.; 99,880 sq. ft. 5-in. asph. conc. pav. 17c ft. 28 water serv. \$12 ea. Other bids: Geo. H. Oswald, \$53,605.4; Brumenkranz & Vernon, \$60,912.94; Braun, Bryant & Austin \$63,600.43.

VENICE, Cal.—Final details to pave Trolleyway have been approved by city trustees. Pave. by ordered to move poles and overhead equip. to sides of st. The ry's part of the imp. will cost \$180,000.

LA HABRA, Cal.—Elrod Engr. Co., Mills-Fraser Bldg., Santa Monica, reports Heafey, Moore & McNair, Oakland, are apparently low bidders on outfall sewer for La Habra Sanitation Dist., Orange Co., bid opened Aug. 12. Plans are being tabulated and complete report will not be available for several days.

COMPTON, Cal.—\$40,000 bond issue for activated sludge sewage disposal plant defeated at recent election, but a \$70,000 bond issue for sewer system improvements carried.

NAPA, Napa Co., Cal.—Until Sept. 10, 10 a. m., bids will be rec. by Jas. A. Daley, county clerk, to imp. Atlas Peak and Foss Valley road. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of clerk.

YREKA, Siskiyou Co., Cal.—Until Sept. 2, 10 a. m., bids will be rec. by W. J. Nelson, county clerk, to const. cattle pass on route of Weed, Bray road at pt. 3-4 ft. west of town of Bray, Klamath Rd. Dist. Cert. check 10% req. with bid. Plans obtainable from County Surveyor Albert J. Parrott.

SOUTH PASADENA, Cal.—H. E. Cox 305 Slavin Bldg., Pasadena, awarded cont. by city trustees at \$30,960 to pave Milan and Lemon Sts., involv. 176,500 sq. ft. 3-in. macad.; 18,600 sq. ft. gut.; 1842 ft. 6-in. c. i. water pipe; 1330 ft. 4-in. water pipe; 540 ft. 1-in. water serv.; 450 ft. 6-in. sew. laterals; 400 sq. ft. walks. Other bids: A. R. McGrath \$31,232.91; J. E. Hadock, \$32,113.41; Ducey & Westenstein, \$32,755.18; E. L. Plemin, \$33,259.48; Tracy and Combs, \$33,286.48; Clarence P. Day Corp., \$33,972.24; Pac. Pav. Co., \$34,159.38; O. U. Miracle, \$36,253.72.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt instructed to prepare spec. to extend Duane St. to link Redwood Highlands & Wellesley Park. Assessment district will be organized to finance the work.

LOS ANGELES, Cal.—Until Sept. 8, 2 p. m., bids will be rec. by Los Angeles County Flood Control District for: Storm dr. in Alhambra bet. Maranga Ave. and the Arroyo Seco, 2 mi., consist. of covered ditch, 7x4 ft.

Reinf. conc. tunnel and reinf. conc. storm dr. in Sycamore Canyon No. 1, consist. of uncov. ditch 9x5 ft.

Reinf. conc. tunnel and reinf. conc. storm dr. in Sycamore Canyon No. 2 consist. of uncov. ditch 9x5 ft. Total length, Sews. 1 and 2, 2 mi. (Sec. 3, about 1 1/2 mi. to be built later).

Reinf. conc. tunnel and reinf. conc. storm dr. in Sycamore Canyon No. 1-A (alternate of plain tunnel through hills into Verdugo Wash).

The completed Sycamore storm dr. will run from the Anderson ranch at head of canyon to a point on L. A. river, below San Fernando Rd.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 25, 10 a. m., bids will be rec. by F. E. Smith, county clerk, for street work in town of Feltows. Cert. check 10% payable to county Rep. Plans on file in office of clerk.

FULLERTON, Cal.—L. A. Pav. Co., 2900 Santa Fe Ave., L. A., awarded cont. by city trus. at \$55,096 to pave portions of West Truslow Ave., East Truslow Ave., West Maple Ave., East Maple Ave. and six other sts., involv. grad., asph. conc. pav. (Topeka top), curb, remov. of culv., etc.

MODESTO, Stanislaus Co., Cal.—Until Aug. 27, 9 a. m., bids will be rec. by H. E. Gragg, city clerk, to improve Grant St., bet. Henry and Johnson involv. grade; pave with 2 1/2-in. asph. conc. base with 1 1/2-in. Warrenite-Bit surface; const. cem. conc. curbs and gutters; fur. and install concrete "Marbelite" Type 700, electroliters with G. E. Novaux Unit Form 12 complete with globe, wire, lamps, conduits, etc. 1911 Act & Bond Act 1915. Cert. check 10% payable to city rep. Plans on file in office of clerk.

LOS ANGELES, Cal.—Until 2 p. m., Aug. 22, bids will be rec. by supervisors to imp. Center St., bet. Atlantic Ave. and Glenarm Ave. and Atlantic Ave. bet. Santa Barbara St. and Walnut St., Co. Imp. No. 106, 3630 lin. ft., involv. (1) 3076 sq. yds. Bray; (2) 5333 lin. ft. curb; (3) 44263 sq. ft. gut.; (4) 9806 sq. yds. 1 1/2-in. Topeka top; (5) 9806 sq. ft. 3 1/2-in. asph. conc. base; (6) 1571 sq. ft. cem. conc. walk. Est. contr price \$37,964.65.

FULLERTON, Cal.—City trustees declare intent to imp. alleys in blks. 8, 9, 15, 17, 20, 23, involv. 2-2-mchase, 5-in. asph. conc.; 1911 act. F. C. Hezmalchal city clerk.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. 2nd St., bet. Taylor and Rosa Sts., involv. grad. and pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous base; hvd. cem. conc. walks, curbs, gutters, inlets; 8-in. vit. pipe drains, hvd. cem. conc. wood lateral drains, 11 ft. bet. Bond Act 1915. Cert. check 10% payable to city rep. Wm. Popp, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 8, 2:30 p. m., bids will be rec. by H. E. Miller, county clerk, for Valencia Creek Channel Change south of the Santa Cruz-Watsonville county highway bridge over Valencia Creek, town of Aptos. Plans obtainable from County Surveyor Lloyd Bowman on deposit of \$5.

SANTA ANA, Cal.—Until 11 a. m., Sept. 2, bids will be rec. by supervisors to grade and pave portion of Grand Ave. and constr. reinf. conc. bridge. Plans, etc. from J. L. McBride, co. rd. comm., def. \$3 Cert. chkb. or bond 5%. J. M. Backs, clerk.

ORANGE COUNTY, Cal.—Following bids rec. by State Highway Commission Aug. 18 to grade 5.2-m. between Corona Del Mar and Laguna Beach:

Conc. Pipe Culvert	
2nd St., L. A.	\$108,310 \$109,494
James Martin	139,328 128,766
J. F. Murphy	115,513 115,455
Charles and Geo. K. Thompson	117,550 118,074
Henry A. Fenton	120,431 122,951
E. H. Ford	120,328 125,815
A. R. Ringerman	121,875 122,953
W. Oglesby	133,654
S. Wright Jewett	134,757 133,161
S. Y. Faucett	135,631 135,349
Willis & Son	138,204 143,018
Breedlove	144,351 149,209
H. J. Petersen	147,941 128,855
E. Schelling	150,032 151,709
J. E. Donoras	151,634 154,831
W. F. Callahan	157,411 155,836
Williams & Single- tary	159,274 163,777
Blumenkranz & Vernon	162,392 163,167
W. S. Beale	166,017 168,045
Brown & Malcolm	167,598 168,375
W. J. Burton & Co.	170,875 170,961
Hewett & Felch	173,975 175,860
Engineer's estimate ..	159,089 159,630

LASSEN COUNTY, Calif.—Following bids rec. Aug. 18 by State Highway Commission to const. 35-ft. conc. bridge across Robbers Creek, a 90-ft. comb. wood and conc. trestle Baxter Creek and a 100-ft. wood and wood and conc. trestle across Long Valley Creek. Lord & Bishop, Napa, (Low), (1) \$19,637; (2) \$19,637; (3) \$19,527. R. E. McKenzie, (1) \$21,101.30, (2) \$21,101.30, (3) \$21,101.30. F. H. & M. C. Polk, (1) \$21,260, (2) \$21,150, (3) \$21,150. Hexen & Hoffman, (1) \$21,989, (2) \$24,850, (3) \$24,757. C. H. Gildersleeve, (1) \$22,905.50, (2) \$22,982.50, (3) \$22,982.50. West Coast Construction Co., (1) \$23,783.44, (2) \$24,783.44, (3) \$24,783.44. Engineer's Estimate, \$19,569.

CORONA, Cal.—A \$100,000 bond issue for a sewer system is under consideration by city council.

SAN GABRIEL, Cal.—Co. surveyor has asked South Pasadena, Alhambra and San Gabriel to form a sanitation dist. as part of the new metropolitan outfall sewer system.

HERMOSA BEACH, Cal.—Ed Johnson & Sons, 4183 S Normandie Ave., L. A., submitted low bid to city trustees to pave Prospect Ave., bet. Pier Ave. and city limits, involv. 8390 sq. ft. curb 70c ft.; 10,733 ft. B curb 70c ft.; 6-in. conc. pav. 33c sq. ft.; 5-in. conc. pav. 32c sq. ft.; 5-in. conc. pav. 32c sq. ft. Other bids: J. G. Beckford, 75c A curb 75c B curb, 35c 6-in. conc., 33c 5-in. curb, 34.5c 6-in. conc. pav. 32c 5-in. conc. pav.; B. C. Nichols, 75c A curb, 70c B curb, 34c 6-in. conc. pav., 33c 5-in. conc. pav.; O. U. Miracle and Geo. W. Kemper, 75c A curb, 65c B curb, 33.5c 6-in. conc. pav. and 32.5c 5-in. conc. pav. Bids taken under advertisement.

YREKA, Siskiyou Co., Cal.—Until Sept. 2, 10 a. m., bids will be rec. by W. J. Nelson, county clerk, to const. change in Griffin Lane rd. bet. Etta and Fort Jones, No. 339, Etta Rd. Dist. near dividing line bet. Sadie Messner and Fannie B. Hansen farms, a distance of 2911 ft. Cert. check 10% req. with bid. Plans obtainable from county Surveyor, Albert J. Parrott.

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SAN DIEGO, Cal.—Doran & Boyd, San Diego, awarded cont. by council at \$224,000 for sewer system in Mission Beach. The bid of T. E. Green, Los Angeles, who was low at \$223,000, was rejected on a technical error.

SAN MATEO, San Mateo Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to imp. Crystal Springs road and El Camino Real. Bids previously received rejected. Project involv. 29,000 sq. ft. hyd. cem. conc. pavement, 5 to 9-in. thick; 900 cu. yds. excavation; 2000 sq. ft. conc. walks; 800 lin. ft. curb; 6 catchbasins; 300 lin. ft. 4-in. sewer laterals; 80 lin. ft. 10-in., 30 lin. ft. 12-in. and 50 lin. ft. 15-in. vit. tile pipe storm drain. G. Stanley Whitehead, San Mateo, under last call was low bidder at \$11,298.10. Other bids were: W. A. Dontanville, \$13,730; W. J. Taylor, \$12,694; Fay Improvement Co., \$13,478; Eaton & Smith \$13,641; W. A. Thompson, \$13,297; C. J. Lingren, \$12,007; G. S. Whitehead, \$11,298; V. Coconli, \$12,516. Cert. check 10% payable to city req. Spec. on file in office of clerk.

SANTA BARBARA, Cal.—Sewer bond issue of \$407,000 sold for premium of \$17,748.

SAN RAFAEL, Marin Co., Cal.—Downer and Mero, 1 20th St., Richmond, at approx. \$17,275 for asph. macadam pavement submits low bid to C. H. Towle, consulting engineer, Cheeda Block, San Rafael, for street improvements in Clinton Court, work to be financed by owners of property. Project involves 40 to 60 acres clearing and grubbing; 1000 cu. yds. grading; 1230 lin. ft. 6-in. and 180 lin. ft. 4-in. pipe; 6 br. manholes; 3 lampholes 1240 lin. ft. curb and 24-in. gutter; 2680 lin. ft. curb and 18-in. gutter; 13,700 sq. ft. walks; 45 cu. yds. conc. in catchbasins and culverts; 5 gratings and frames; 109 lin. ft. 10-in. pipe; 125 cu. yds. rein. conc; 38,300 sq. ft. pavement.

LOS ANGELES, Cal.—Joe Mullarkey 8435 S Vermont Ave., awarded cont. by Bd. Pub. Wks at \$95,268 to pave Crandall St., bet. 2nd and Park View Sts. with asph., cem. conc. and oil and roll. pav.

NEW MEXICO—John Mulligan, El Paso, awarded cont. by bur. pub. roads at \$108,131.38 for natl. forest highway bet. Alma and Dry Creek, Catron and Granite counties, Gila Nat. forest, New Mexico; 5,798 mi., 14 ft. wide, gravel surface.

SALINAS, Monterey Co., Cal.—Stroud Bros. and Seabrook, Eakersfield, at \$7940 awarded cont. by council to construct sanitary sewer in Central Ave. and Capitol St. Estimate of City Eng. H. F. Cozzens, \$9500. 18-in. to 30-in. pipe will be used.

SAN MATEO, San Mateo Co., Cal.—City Engineer Marshall White instructed to prepare spec. to pave Edgewood and Glendale roads, San Mateo Park.

LOS GATOS, Santa Clara Co., Cal.—Town trustees plan early paying of Clellan and Kimball Aves., Caldwell and Bella Aves., the cost to exceed \$10,000. Henry Fisher, San Jose, is town engineer.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Eaton and Smith, 715 Ocean Ave., San Francisco, at \$31,085 awarded contract by city trustees to const. San Bruno and Butler Aves., storm sewer, using 12-in. to 18-in. vit. pipe and 24x36-in. Monolithic concrete pipe. Project involv. 1158 ft. 18-in., 160 ft. 15-in., 182 ft. 10-in., 548 ft. 12-in. vit. or conc. pipe; and 1320 ft. type A Monolithic 24x36-in. conc. pipe sewer; 1568 ft. type B monolithic 24x36-in. conc. pipe sewer; 194 ft. type C monolithic 24x36-in. conc. pipe sewer; 8 manholes and 7 catchbasins.

EUREKA, Humboldt Co., Cal.—Until Sept. 10, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. 4.1-mi. of new road bet. end of present road at Paul's Point in Trinity County and Patten's Mail Box on the Alderpoint-Blocksburg rd. in Rd. Dist. No. 2. Cert. check 10% req. with bid. Plans obtainable from County Surveyor Arthur J. Logan.

SANTA ANA, Cal.—Until Sept. 2, bids will be rec. by supervisors to pave 1.5-mi. on Cedar St. on rd. bet. Fullerton and La Habra; R. D. 1, No. 32. Asph. pav. 18 ft. wide, 5 in. thick. J. L. McBride, co. rd. comm.

SALEM, Ore.—Until Aug. 28, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah Co. Courthouse, Portland, to const. following projects:

Cooz county: Myrtle-Point-North section of Cooz Bay-Roseburg highway extending 1.2-mi. involv. 65,000 cu. yds. excavation.

Douglas county: Gardiner section Roosevelt highway, .93 mi. grading and surfacing, involv. 9300 cu. yds. excavation and 1350 yds. crushed gravel or broken stone surfacing.

Malheur county: Weiser-Payette Spur section of Old Oregon Trail, 3.56 mi. grading and surfacing involving 30,000 yds. excavation and 9500 yds. crushed gravel surfacing. Roy A. Klein state highway engineer.

WATSONVILLE, Santa Cruz Co., Cal. City Eng. H. B. Kitchen estimates cost of enlarging sewer mains in portions of Lincoln and Lake Sts. at \$24,993. It is probable that 8, 10 and 12-in. mains will be installed.

MERCED, Merced Co., Cal.—Until Sept. 2, 3 p. m., bids will be rec. by W. W. Cornell, city clerk, to imp. P St. bet. 16th and 15th Sts., and from 15th st. to south city limits involv. grade and pave with 2½-in. asph. conc. base. Willite process, with 1½-in. Willite process asph. conc. surface with seal coat; comb. conc. curbs and gutters; corr. galv. iron culverts on concrete bases. 1911 Act & Bond Act 1915.

INGLEWOOD, Cal.—Until 8 p. m., Sept. 2, bids will be rec. by city trustees to imp. Arbor Vitae St. bet. Prairie and Freeman Aves., involv. 529,830 sq. ft. grad. (22,860 cu. yds.); 14,832 ft. curb; 73,134 sq. ft. walk; 377,321 sq. ft. 5-in. Willite pav. Boundary Line Act of 1911 and bond act of 1893. Arthur W. Cory, city engr.

SAN MARINO, Cal.—Until 8 p. m., Sept. 10, bids will be rec. by city trustees to imp. Santa Anita Rd. bet. Calif St. and n city limit; grad. oil macad. curb, gutter, reinf. conc. culv; 1911 act. H. W. Joyce, city clerk, R. F. D. 3, Box 117, San Marino.

THEATRES

(Continued from Page 17)

SEATTLE, Wash.—Arch. Andrew McQuaker, Melhorn Bldg., preparing plans to alter Class A theatre at 1503 Third Ave; est. cost \$60,000; \$30,000 for new seating and furnishings and pipe organ, the latter to cost \$25,000, to be purchased from W. W. Kimball Co., Chicago. Rainier Theater Co., John Danz, president, are owners of structure.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Completed—Figures to be Taken Next Week.

BATHHOUSE, ETC. Cost, \$85,000. **RICHMOND, Contra Costa Co., Cal.** Point Richmond. Semi fireproof bathhouse and swimming pool.

Owner—City of Richmond. Architect—James T. Nabbett, 910 Macdonald Ave., Richmond.

The heating system plans are being prepared by the City Engineer. Structure without heating system will cost approximately, \$55,000.

SONORA, Tuolumne Co., Cal.—Lions club contemplates building swimming pool on Jamestown Rd., one-half mile from the city; \$10,000.

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Name

Street and No.

City State

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4498	Soares	Hamill	12000
4499	Rourke	Buschke	4000
4500	Devot	Jones	2200
4501	Cunco	Owner	2000
4502	Robbins	Keneally	2200
4503	Senner	Hamill	6000
4504	Arnott	Owner	4000
4505	Christiansen	Owner	10000
4506	Dean	Owner	1000
4507	Patt	Owner	1875
4508	Paele	Howard	4300
4509	Santini	Montani	26000
4510	Zimmerman	Klabin	21500
4511	Paele	Onis	41245
4512	Hills	Farrar	10650
4513	Sorbi	Owner	6900
4514	Duane	Owner	7000
4515	Meyer	Owner	3000
4516	Huat	McCarthy	4000
4517	Mohawk	Shader	1350
4518	Costello	Owner	2000
4519	Grinnell	Austin	12000
4520	Fall	Kelly	3000
4521	Stevens	Owner	6750
4522	Cruelle	Ennis	8750
4523	Costello	Owner	3000
4524	Murphy	Thorarinson	10000
4525	Meyer	Owner	8000
4526	Collier	Feerick	5000
4527	Powell	Lindsay	4000
4528	Wigton	Hamilton	3000
4529	Meyers	Gwynne	4800
4530	Heglin	Owner	3500
4532	Fazio	Filippis	20000
4535	Manseau	Owner	9000
4534	Cadenasso	Harder	15000
4535	Union	Owner	2000
4536	Kenville	Beach	6500
4537	Dunn	Lutz	3500
4538	Arnott	Owner	8000
4539	Arnott	Owner	60000
4540	Arnott	Owner	36000
4541	Arnott	Owner	32000
4542	Ondry	Owner	8000
4543	Morton	Howard	3000
4544	Garnett	Parker	30000
4545	Resler	Mullen	2750
4546	Ferreiros	New	3000
4547	Peralino	Stewart	1500

4548	Summerfield	Hono	7000
4549	Kabato	Ohlson	1000
4550	Southern	Thibault	1000
4551	Robbins	Keneally	4500
4552	Cummings	Proff	10184
4553	Breitman	Goldstein	4500
4554	Breitman	Owner	14900
4555	Shubarbo	Owner	4000
4556	Cotter	Owner	10000
4557	Healing	Owner	3000
4558	Gust	Owner	4000
4559	Eldrup	Owner	1400
4560	Deck	Federal	33248
4561	Pacific	McCarthy	5400
4562	Fischer	Harder	23000
4563	Cadenasso	Owner	12000
4564	Lindeman	Hamill	12000
4565	Conlon	Hamill	6000
4566	McDonald	Owner	3000
4567	Thurber	Owner	4000
4568	Treblane	Nelson	50,000
4569	Laib	Byrne	7000
4570	Vittori	Owner	18000
4571	Stevens	Owner	9750
4572	Stevens	Stevenson	12000
4573	Kennedy	Carlson	5000
4574	Wenger	Thulin	1800
4575	McGill	Delaney	1342
4576	Monroe	Christensen	2500
4577	Fuhr	Owner	2500
4578	Suhr	Owner	3500
4579	Viagge	Zelinsky	1040
4580	Towle	Quandt	1000
4581	Southern	Gillogly	17000
4582	Podesta		

APARTMENTS
(4478) W TWENTY-FIFTH AVE 300
N California N 25th W 120. All
work for two-story and basement
frame apartment building.

Owner—Cesar and Frank De Martini,
180 1/2 10th Ave., San Francisco.
Architect—None.

Contractor—H. O. Lindeman, 619 27th
Ave., San Francisco.

Filed Aug. 12, '24. Dated July 17, '24.
Enclosed \$3175

Rough plastered 3175
Completed and accepted 3175

Usual 35 days 3175
TOTAL COST, \$12,700

Bond, none. Limit, 90 days. Forfeit,
\$3. Plans and specifications filed.

FLATS
(3498) S LINCOLN 90 AND 155 E
21st Ave. Two 2-story and base-
ment frame flats, 2 flats in each
building.

Owner—J. D. Soares, 6110 Geary St.,
San Francisco.

Architect—None.
Contractor—Thos. Hamill, 61400 Geary
St., S. F. \$6000 each

CONCRETE BLDG.
(3499) SW BRYANT AND MORRIS

Ave. 1-story and mezzanine floor
reinforced concrete building.

Owner—D. and M. Rourke, 604 Mission
St., S. F.

Architect—None.
Contractor—Buschke & Brown, 604
Mission St., S. F. \$1000

ADDITION
(3500) 7115 GEARY ST. Add sun

porches for dwelling.
Owner—Mrs. Devot, premises.

Plans by owner.
Contractor—Thos. M. Jones, 3767 Army
St., S. F. \$2200

STORE BLDG.
(3501) E MISSION 150 N Amazon. 1-

story frame store.
Owner—John P. Cuneo, 101 Amazon

Ave., S. F.
Architect—None. \$2000

DWELLING
(3502) N QUESADA 100 W Lane. 1-

story and basement frame dwelling
Owner—Geo. J. and Meter Robbins,
1562 Thomas Ave., S. F.

Architect—None.
Contractor—H. J. Keneally, 2175 Green
St., S. F. \$2200

FLATS
(3503) S LINCOLN WAY 95 E 22ND

Ave. 2-story and basement frame
(2) flats.

Owner—Wm. Senner, 6140 Geary St.,
San Francisco.

Architect—None.
Contractor—Thos. Hamill, 6140 Geary
St., S. F. \$6000

DWELLING
(3504) E FORTIETH AVE. 45 N Ca-

brillo. 1-story and basement frame
dwelling.

Owner—James A. Arnott, 235 Gran-
ville Way, S. F.

Architect—None.
Contractor—James A. Arnott & Son,
235 Granville Way, S. F. \$4000

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FLATS

(3505) W EIGHTH AVE 125 S Geary.
1-story and basement frame (4)
flats.
Owner—Christiansen Bros, 518 25th
Ave., S. F.
Architect—None. \$10,000

ALTERATIONS

(3506) 33 PROSPECT AVE. Remodel
one and one half story cottage for
two story bldg.
Owner—L. S. Dean, 33 Prospect Ave.,
San Francisco. \$1000

DWELLING

(3507) W TEDDY AVE 50 E Rutland.
1-story and basement frame dwlg.
Owner—W. C. Butt, Teddy Ave., S. F.
Plans by owner. \$1875

FRAME BLDG.

(3508) W TWENTY-FOURTH AVE.
125 N Ulloa. All work for 1-story
frame bldg.
Owner—Pacific Investment Co., 1211
Alexander Bldg., S. F.
Architect—Dodge A. Riedy, Pacific
Bldg., S. F.
Contractor—Joseph Howard, 118 8th
Ave., S. F.

Filed Aug. 14, 1924. Dated Aug. 13, 1924.
Cracking complete. \$1075
Brown coated. 1075
Completed and accepted. 1075
Usual 35 days. TOTAL COST, \$4300

Bond, \$2150. Sureties, Byron Feerick
and Lawrence J. Slinnon. Forfeit, none.
Limit, 75 days. Plans and specifications
filed.

FLATS

(3509) NE GREENWICH AND GRANT
Ave. N 47-6 E 72-1. All work ex-
cept plumbing, painting, electric,
finish hardware, shades and an-
dleres for 3-story frame bldg.,
flats.

Owner—L. M. Santini and E. Gram-
polini, 619 Washington St., S. F.
Architect—J. A. Porporato, 619 Wash-
ington St., S. F.
Contractor—S. Montani, 1753 Green-
wich St., S. F.

Filed Aug. 14, 1924. Dated Aug. 11, 1924.
Rough frame up. \$4500
Enclosed & roof sheathing on. 4500
Brown coated. 4750
Completed and accepted. 5250
Usual 35 days. TOTAL COST, 7000

Bond, \$13,000. Sureties, F. Borcelli and
T. Navi. Forfeit, none. Limit, 90 days.
Plans and specifications filed.

APARTMENTS

(3510) W SEVENTEENTH AVE. 162-6
N Irving N 37-6 x 120. All work
for 2-story and basement frame
apartment building.

Owner—Bertha and Martha Zimmer-
man, 1340 21st Ave., S. F.
Architect—A. Klahn, 27 Cheney St.,
San Francisco.
Contractor—Arthur H. Klahn, 1334
21st Ave., S. F.

Filed Aug. 14, 1924. Dated Aug. 8, 1924.
Rafters up. \$4000
Brown coated. 4000
Plaster completed. 4000
Bldg completed. 4100
Usual 35 days. TOTAL COST, 5400

Bond, sureties, forfeit, none. Limit,
Jan. 8, 1925. Plans and specifications
filed.

ELEVATOR

(3511) N BUSH 108 W KEARNY, All
work for electric passenger ele-
vator for main office building.
Owner—The Pacific Telegraph & Tel-
ephone Co., 333 Grant Ave., S. F.
Architect—Elvis & Pavle, Engineer
E. V. Cobby, Balboa Bldg., S. F.
Contractor—Otis Elevator Co., Beach
and Stockton Sts., S. F.

Filed Aug. 14, 1924. Dated Aug. 12, 1924.
On delivery of machines, of con-
tract price. 50%
Completed and accepted. 25%
36 days after. 25%
TOTAL COST, \$41,245

Bond, sureties, forfeit, limit, none.
Plans and specifications filed.

EXCAVATION, ETC.

(3512) N HARRISON AND SPEAR, NE
275 x SW 276. All excavation,
grading, piling, shoring and reinforced
concrete for warehouse and office
building.

Owner—Hills Bros., 175 Fremont St.,
San Francisco.

Architect—Geo. W. Kelham, Sharon
Bldg., S. F.

Contractor—Farrar & Carlin, 180 Jessie
St., S. F.

Filed Aug. 14, 1924. Dated Aug. 14, 1924.
Monthly. 25%
Usual 35 days. TOTAL COST, \$10,650

Bond, \$5365. Sureties, National Surety
Co. Forfeit, none. Limit, Sept. 15, 1924.
Plans and specifications filed.

DWELLINGS

(3513) E EDINBURGH 200 N Russia
and 275 N Excelsior. Two one-
story and basement frame dwlg.
Owner—A. Sorbi, 224 Russia Ave., San
Francisco.
Architect—None. \$3000 each

DWELLING

(3514) W BAKER 85 S Chestnut.
Two-story and basement frame
dwlg.
Owner—Walter H. and Rosalind M.
Duane, Mills Bldg., S. F.
Architect—Dodge A. Riedy, 850 Pacific
Bldg., San Francisco. \$7000

DWELLING

(3515) E TWENTY-SECOND AVE 75
S Lincoln Way. One-story and
basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery
St., San Francisco. \$3000
Architect—None.

STORES

(3516) S HAIGHT 125 W Clayton.
One-story frame (2) stores.
Owner—Mrs. Huat, 2020 Fell St., San
Francisco.
Architect—None.

Contractor—Jas. F. McCarthy, 436
Eureka St., San Francisco. \$4000

STATION

(3517) NE BAKER AND HAYES.
One-story gasoline service station.
Owner—Mohawk Oil Co., 311 Califor-
nia St., San Francisco.
Architect—Schrader Iron Works.
Contractor—Schrader Iron Works, 1247
Harrison St., S. F. \$1350

DWELLING

(3518) S NEWMAN 25 W Bennington.
One-story and basement frame
dwelling.
Owner—William Costello, 758 29th
Ave., San Francisco. \$2000
Architect—None.

SHED

(3519) S BRANNAN 110 W Fifth.
One-story frame shed (pipe storage)
Owner—Finnell Co. of the Pacific, 5th
and Brannan Sts., San Francisco.
Architect—Austin Co. of California.
Contractor—Austin Co. of California,
708 Santa Fe Bldg., S. F. \$12,000

DWELLING

(3520) W TWENTIETH AVE 150 S
Rivera. One-story and basement
frame dwelling.
Owner—S. S. Fall, 28 Baker St., San
Francisco.
Architect—R. P. Kelly, 1284 19th Ave.,
San Francisco.
Contractor—R. P. Kelly, 1284 19th Ave.,
San Francisco. \$3000

FLATS

(3521) E THIRTY-NINTH AVE 125 N
Fulton. Two-story and basement
frame (2) flats.
Owner—Charles A. Stevens, 4026 Ful-
ton St., San Francisco. \$6750
Architect—None.

FLATS

(3522) N LOMBARD 112-6 E Jones.
Two-story and basement frame (2)
flats.
Owner—Sam Crivello, 827 Greenwich
St., San Francisco.
Architect—F. Ennis Jr., 340 Eddy St.,
San Francisco.
Contractor—F. Ennis Jr., 340 Eddy St.,
San Francisco. \$8700

DWELLING

(3523) W TWENTY-THIRD AVE 250
S Balboa. One-story and basement
frame dwelling.
Owner—William Costello, 758 29th
Ave., San Francisco. \$3000
Architect—None.

FLATS

(3524) N CARL 160 E Stanyan Two-
story and basement frame (4) flats
Owner—Mrs. J. Murphy, 62 Carl St.,
San Francisco.
Architect—None.
Contractor—F. H. Thorpe, Con-
gress Hotel, Fillmore St., San
Francisco. \$10,000

DWELLINGS

(3525) W AVILA 100 and 150 N
Chestnut. Two one-story and
basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery
St., San Francisco. \$4000 each
Architect—None.

DWELLING

(3526) E THIRTY-THIRD AVE 225 S
Balboa. Two-story and basement
frame dwelling.
Owner—Thomas Collier, 365 11th Ave.,
San Francisco.
Designer—Bryan Feerick, 253 Downey
St., San Francisco.
Contractor—Bryan Feerick, 253 Downey
St., San Francisco. \$5000

DWELLING

(3527) W CRAUT 79-42 N Silver Ave.
One-story and basement frame
dwelling.
Owner—William Powell, 158 Maynard
St., San Francisco.
Architect—None.
Contractor—Lindsay Constr. Co., 271
Winchester St., S. F. \$4000

ADDITIONS

(3528) NO. 1069 CAPP. Construct ad-
ditions for flats.
Owner—J. F. Wigton, 1032-A Capp St.,
San Francisco.
Architect—None.
Contractor—E. B. Hamilton, 985 Capp
St., San Francisco. \$3000

DWELLING

(3529) W TENTH AVE 75 S Noriega.
One-story and basement frame
dwelling.
Owner—Henry Meyers, 1799 10th Ave.,
San Francisco.
Architect—Edward E. Young, 2002 Cal-
ifornia St., San Francisco.
Contractor—C. G. Gwynne, 3904 Cal-
ifornia St., San Francisco. \$4800

DWELLING

(3530) E CORDOVA 37 1/2 E Seville.
One-story and basement frame
dwelling.
Owner—Ben Heglin, 251 Richland Ave.,
San Francisco. \$3500
Architect—None.

BUILDING

(3531) W BAKER 85 S Chestnut. All
work except plumbing, electric
wiring and painting for two-story
and basement frame building.
Owner—Walter H. and Rosalind M.
Duane, Mills Bldg., San Francisco
Architect—Dodge A. Riedy, 850 Pacific
Bldg., San Francisco.
Contractor—Otto Johnson.

Filed Aug. 16, '24. Dated Aug. 14, '24.
Concrete footing poured. \$1500.00
2nd floor joists on. 1787.50
Brown coated. 1787.50
Completed and accepted. 1787.50
Usual 35 days. TOTAL COST, \$8650.00

Bond, limit, forfeit, none. Plans and
specifications filed.

APARTMENTS

(3532) N CALIFORNIA 112-6 W Hyde.
Three-story and basement frame
(12) apartments.
Owner—A. Fazio and D. Molinari, Cal-
ifornia and Hyde Sts., S. F.
Architect—August G. Headman, Call
Bldg., San Francisco.
Contractor—V. Filippis, 180 Jessie St.,
San Francisco. \$20,000

FLATS

(3533) E FIFTEENTH AVE 175 N
Fulton. Two-story and basement
frame (2) flats.
Owner—Edw. E. Manseau, 690 6th Ave.,
San Francisco. \$9000
Architect—None.

FLATS

(3534) E POWELL 27-6, 52-6 and 77-6
N Lombard. Three two-story and
basement frame flats (2 flats in
each building).
Owner—George J. Cadenasso, 139 11th
St., San Francisco.

Architect—None. \$400

REPAIRS
(35669) 1569 OAK STREET Repair
fire damage to flats.
Owner—M. Brak, 1569 Oak St. S. F.
Architect—None. \$1000

IRON WORK, ETC.
(35611) E BELMONT AND MARKET, NE
137-6 X SE 138-2. All work for
ornamental iron, bronze and mis-
cellaneous iron work for general
office building.
Owner—Pacific Gas & Electric Co., 445
Sutter St., S. F.
Architect—None.
Contractor—Federal Gas & Electric
Co., 91 New Montgomery St., S. F.
Filed Aug. 19, 1924. Dated Aug. 1, 1924.
100 of each month 75%
Usual 35 days 25%
TOTAL COST, \$33,218
Bond, \$17,000. Sureties, Fidelity & De-
posit Co. of Maryland. Forfeit, limit,
none. Plans and specifications filed.

FRAME BLDG.
(35662) E THIRTY-FIFTH AVE. 275
S. Lincoln St. Way, S 25 E 129. All
work for 1-story and basement
frame building.
Owner—Frank and May I. Fischer.
Architect—John E. McCarthy, S. F.
Contractor—John E. McCarthy, 1475
12th Ave., San Francisco.
Filed Aug. 19, 1924. Dated Aug. 16, 1924.
Frame up and enclosed \$1347.50
Brown coated 1347.50
Completed and accepted 1347.50
Usual 35 days 1347.50
TOTAL COST, \$53390
Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

FRAME BLDGS.
(35663) E POWELL 27-6 N Lombard, N
75 E 32-6. All work except finish
hardware, electric fixtures and
window shades for three 2-story
and basement frame bldgs.
Owner—Geo. I. Cadenasso, 139 11th St.,
San Francisco.
Architect—W. H. Armitage, 72 New
Montgomery St., S. F.
Contractor—John Harder, 872 39th
Ave., S. F.
Filed Aug. 19, 1924. Dated Aug. 14, 1924.
Rough frame up \$5000
Brown coated on interior and
exterior 1st coat on 5000
White coated 2500
Completed and accepted 5000
Usual 35 days 5000
TOTAL COST, \$23,000
Bond, \$11,500. Sureties, Fidelity &
Casualty Co. Forfeit, none. Limit, 90
days. Plans and specifications filed.

FLATS
(35684) SW CABRILLO AND TWEN-
ty-third Ave. 2-story and base-
ment frame (8) flats.
Owner—H. O. Lindeman, 619 27th Ave.,
San Francisco.
Architect—None. \$12,000

FLATS
(35655) S FULTON 32-6 & 57-6 W
Cabrillo. 2 2-story and basement
frame flats (2 flats in each bldg.).
Owner—Thos. Conlon, 1850 Fulton St.,
San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary
St., San Francisco. \$6000 each

FLATS
(35666) NW BALBOA AND TWENTY-
eighth Ave. 2-story and basement
frame (2) flats.
Owner—Wm. McDonald, 6140 Geary St.,
San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary
St., San Francisco. \$6000

DWELLING
(35677) W FORTIETH AVE. 75 N Anza
1-story and basement frame dwlg.
Owner—John F. Thurber, 551 7th Ave.,
San Francisco.
Architect—None. \$3000

LOFT BLDG.
(35688) SE THIRD AND PERRY STS.
One-story class C loft bldg.
Owner—Carl Jorgensen, Atlas Bldg.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco. \$3000

BUILDING
(35690) W NOR 281-6 S 30th, 1-story
and basement frame dwelling.
Owner—Louis Trebbine, 101 Wool St.,
San Francisco.
Architect—None. Plans by owner. \$1000

(3570) SW CLAY AND BAKER STS.
3-story and basement frame (6)
flats.
Owner—Arthur Laib, 2882 Jackson St.,
San Francisco.
Architect—None. Plans by owner.
Contractor—Emil Nelson, 319 Allway
St., San Francisco. \$50,000

DWELLINGS
(3571) NW CABRILLO & FORTY-
Cabrillo. Two 1-story and base-
ment frame dwellings.
Two 1-story & basement frame dwlg.
Owner—Escale P. Vittori, 3820 Mis-
sion St., San Francisco.
Architect—None.
Contractor—J. T. Byrne, 155 College
Ave., S. F. \$3500 each

(3572) E THIRTY-FIFTH AVE 100
125, 150, 175 N Fulton. Four 2-story
and basement frame dwellings.
Owner—J. M. Peters, 797 35th Ave.,
San Francisco.
Architect—None. \$4500 each

DWELLING
(3573) NE GENEVA AND PARIS. 1-
story and basement frame dwlg.
Owner—E. A. Mullaney, 250 Madrid
St., San Francisco.
Architect—None.
Contractor—Oscar L. Erickson, 4507
Mission St., S. F. \$4800

(3574) NW FULTON AND THIRTY-
eighth Ave. 2-story and basement
frame (4) flats.
Owner—Arthur Stevens, 4026 Fulton St.
San Francisco.
Plans by owner. \$9750

FLATS
(3575) S BROADWAY 300 E Jones.
2-story and basement frame (4)
flats.
Owner—Ernest Kennedy, 1041 Broad-
way, San Francisco.
Architect—E. Williams, 1039 Broadway
San Francisco.
Contractor—L. H. Stevenson, 45 Worth
St., S. F. \$12,000

ALTERATIONS
(3576) E FILLMORE & SACRA-
mento. New store fronts; new roof-
ing and addition for stores.
Owner—S. Wenger, care Albertson
Realty Co., Hearst Bldg., S. F.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.
Contractor—P. S. Carlson, 1456 Willard
St., San Francisco. \$5000

ADDITION
(3577) 1361-63 NATOMA STREET.
Raise and make additions for flats
Owner—J. C. McGill, 1361 Natoma St.,
San Francisco.
Architect—None.
Contractor—A. L. Thulin, 120 Otis S.,
San Francisco. \$1000

REPAIRS
(3578) 1056-62 SANCHEZ STREET.
Repair fire damage to flats.
Owner—Concepcion Monro, 1060 Sanchez
St., San Francisco.
Architect—None.
Contractor—Chas. S. Delaney, 2415
Bush St., S. F. \$1342

DWELLING
(3579) S GENEVA 130 E Athens. 1-
story and basement frame dwlg.
Owner—Fred Fuhr, 1137 McAllister St.,
San Francisco.
Architect—None.
Contractor—Christensen & Matheson,
1720 Fillmore St., S. F. \$2500

REMODEL
(3580) NO. 2919 MISSION ST. Remodel
front for undertaking parlors.
Owner—H. F. Suhr & Co., 2919 Mis-
sion St., San Francisco.
Architect—Edw. G. Bolles, 233 Post St.,
San Francisco. \$2500

DWELLING
(3581) W THIRTY-FIFTH AVE. 175
N Irving. 1-story and basement
frame dwelling.
Owner—Albert A. Vlagge, 135 Steiner
St., San Francisco.
Architect—None. \$3500

PAINTING
(3582) THIRD AND CLEMENTINA
All work for painting of Golden
Eagle Hotel.
Owner—Tonah Estate Co.
Architect—Matthew O'Brien, Nevada
Bank Bldg., S. F.
Contractor—Raphael Zelinsky, 693 Mis-
sion St., S. F.
Filed Aug. 20, 1924. Dated Aug. 12, 1924
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, \$1000
Bond, sureties, forfeit, limit, none.
Plans and specifications not filed.

EXTENDING TIME
(3583) THIRD AND TOWNSEND STS.
Extending time for painting ex-
terior of passenger station to Aug.
31, 1924.
Owner—Southern Pacific Co.
Architect—None.
Contractor—A. Quandt & Sons.
Surety—Sw. Amst. Adam Casualty Co.
Filed Aug. 20, 1924. Dated Aug. 2, 1924.

APARTMENTS
(3584) W SAN JOSE AVE. 93-9 S
29th, S. F. W 93-6. All work
except shades and lighting for 2-
story and basement frame bldg.,
apartments.
Owner—F. Podesta, Colma, Calif.
Architect—P. De Martini, 946 Broad-
way, S. F.
Contractor—J. W. Gillogley, 745 San
Jose Ave., S. F.
Filed Aug. 20, 1924. Dated July 24, 1924.
Frame up \$4250
Brown coated 4250
Completed and accepted 4250
Usual 35 days 4250
TOTAL COST, \$17,000
Bond, \$8500. Sureties, Fidelity & De-
posit Co. Forfeit, none. Limit,
100 days after Aug. 1, 1924. Plans and
specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Aug. 13, 1924—SE 10 FT. LOT 29 and
all Lot 30 BLK 2818, Forest Hill
Court. John Little to whom it may
concern. August 11, 1924
Aug. 13, 1924—E THIRTY-EIGHTH
Ave 150 N Cabrillo N 25x120. Mary
J. Nagle to A. F. Amersan. Aug. 9, 1924
Aug. 13, 1924—NO. 446 DRUMM, King-
an & Co. to Scott Co. Aug. 9, 1924
Aug. 13, 1924—NW WOOLSEY 50 NE
Girard NE 50xN 100 Lot 5 Bk 6, E.
Univ. Md. Louis Silverstein to
Meyer Bros. Aug. 13, 1924
Aug. 13, 1924—NW SILVER AVE 150
NE Merrill NE 75xNW 75 Lots 16,
17 and 18 Bk 11, Peoples Hd Assn.
Louis Silverstein to Meyer Bros.
..... August 13, 1924
Aug. 13, 1924—LOT 17 BLK 2886,
Forest Hill Extension. Charles J.
W. Koenig to whom it may concern.
..... August 12, 1924
Aug. 13, 1924—E FREDERICK AND
Willard. Chas Terranova to whom
it may concern. Aug. 13, 1924
Aug. 13, 1924—E TWENTY-SIXTH
Ave 175 N Taraval N 25x120.
Robert E. Bartlett to whom it may
concern. Aug. 9, 1924
Aug. 13, 1924—E TWENTY-EIGHTH
Ave 275 S Taraval 30x120. Ernest
E. and Annie B. Norton to Carlberg
& Peterson. Aug. 13, 1924
Aug. 13, 1924—W FOURTEENTH AV
106-2 S Irving 25x127. Emil and
Kate Aceret to whom it may con-
cern. August 13, 1924
Aug. 13, 1924—S FRANCISCO 200 W
Franklin 25x137-6. Paul and A.
Chell to J. Martinehl. Aug. 11, 1924
Aug. 13, 1924—LOT 1 BLK 23 St.
Francis Wood Extn No. 2. Garden
Homes Co. to Mangle Bros. August 11, 1924
Aug. 14, 1924—N MAYNARD 325 W
Grant W 50 x N 110. Rizzo Estate
Co., Inc., to Lindsey Construction
Co. Aug. 5, 1924
Aug. 14, 1924—SE BUCHANAN AND
Hickory Ave. A. L. Nelson to G. P.
W. Jensen. Aug. 5, 1924
Aug. 14, 1924—E STEINER 100 S Fil-
ber. Elizabeth Fitzer to Walter
E. Schuetz. August 12, 1924
Aug. 14, 1924—PTN LOT 9 BLK 22 St.
Francis Wood Extn No. 2. Daisy
C. Scott to whom it may concern. August 13, 1924

Aug. 14, 1924—W FRANKLIN 62 S
Filbert S 25xW 100. Amos and
Engelhardt Mortenson and Andrew
and Hilda Peterson to whom it
may concern..... Aug. 12, 1924

Aug. 14, 1924—E SIXTH AVE 225 S
Hawke S 25xW 120. Fred S. W.
E Grand..... July 27, 1924

Aug. 14, 1924—LOT 11 BLK 3189,
Westwood Park. Mabel M Tenney
to whom it may concern..... Aug. 12, 1924

Aug. 14, 1924—W WHITTIER 65xS N
Brumswick S 25xW 175 Ptn 37,
West End Hl. Wm R McKnight,
to whom it may concern..... Aug. 12, 1924

Aug. 15, 1924—NW NAPLES AND
Newton. Wm E Grossman to whom
it may concern..... Aug. 12, 1924

Aug. 15, 1924—NO. 485 DEWEY BLVD
Wm C Hamerton to whom it may
concern..... Aug. 15, 1924

Aug. 15, 1924—NO. 485 DEWEY BLVD
Wm C Hamerton to whom it may
concern..... Aug. 15, 1924

Aug. 15, 1924—NORIEGA 32 W
Ptn Ave W 25xS 100. Max and
Mildred A Breitman to Louis Gold-
stein..... Aug. 15, 1924

Aug. 15, 1924—NW TOWNSEND 100
SW Fifth SW 25 N 100. The Dohm-
an Commercial Co to Hannah
Bros..... Aug. 11, 1924

Aug. 15, 1924—LOT 9 BLK R Park
Lamb Tract NW 25 N 100. Joseph
Chilotti to whom it may concern
..... Aug. 14, 1924

Aug. 15, 1924—NO. 589 SANCHEZ,
Wm. Short to W & D McIntosh..... Aug. 15, 1924

Aug. 15, 1924—S FRANCISCO 235 and
250 W Franklin 25x137-6. J Mar-
tinelli to whom it may concern..... Aug. 15, 1924

Aug. 15, 1924—LOT 13 and Lot
No. 2, Gerald C and Cordelia P
Halsey to George W Boston and
Walter C Zwieg..... Aug. 12, 1924

Aug. 15, 1924—H 75 S
Francisco S 25xW 110. Dominic
Gallette to H O Lindeman..... Aug. 15, 1924

Aug. 15, 1924—N JOIST AVE 225
E Roester E 25x100. C H Hoff
to whom it may concern..... Aug. 13, 1924

Aug. 15, 1924—SE GRANT AVE &
Commercial S 120xW 68-9. King
Wo Inc to W J Stevens..... Aug. 6, 1924

Aug. 15, 1924—N NINTH AVE
Ave and California. M P Storheim
to whom it may concern..... Aug. 15, 1924

Aug. 15, 1924—SW ARLINGTON &
Roanoke. Sam and Pavlino San
Filippo to Henry Ericson..... Aug. 16, 1924

Aug. 16, 1924—LOT 11 BLK 25,
Crocker Amazon Tract. Henry
Stenson to whom it may concern..... Aug. 16, 1924

Aug. 16, 1924—SE CALIFORNIA &
Fillmore S 87-6x54. E and D A
Horn to Louis J Cohn..... Aug. 4, 1924

Aug. 16, 1924—SE BRUNSWICK 355
W Whittier W 30x123. August
Saulner to whom it may concern
..... August 16, 1924

Aug. 16, 1924—S BRUCE AVE 50 W
Edgar Place, Lot 25x100. Wesley
Donaldson to whom it may con-
cern..... Aug. 16, 1924

Aug. 16, 1924—E FORTY-THIRD AV
180 S Cabrillo S 100x120. Ed-
ward Ginley to whom it may con-
cern..... August 16, 1924

Aug. 16, 1924—LOT 11 BLK "G" Mis-
sion Terrace. Margaretha S Bonner
to W E Grossman..... Aug. 7, 1924

Aug. 15, 1924—N DUNCAN 250 W
Guerrero No. 146-148 Duncan. Otto
H Suderman to whom it may con-
cern..... Aug. 20, 1924

Aug. 16, 1924—W POTRERO AVE 110
S Twenty-third S 25xW 100. Nellie
G Warren to John T Grace..... Aug. 12, 1924

Aug. 16, 1924—LOT 10 BLK 3080
Westwood Highlands. Hans and
Esther E Nelson to whom it may
concern..... Aug. 10, 1924

Aug. 18, 1924—S SIXTIETH AVE
35 N Judah N 310-3x120. Thos
Skelly and Wm Kohler to Arthur
H Klahn..... Aug. 18, 1924

Aug. 18, 1924—E THIRTY-SEVENTH
AVE 150 N Irving S 75x120. John
E and Ethel M McArthur to whom
it may concern..... July 14, 1924

Aug. 18, 1924—W THIRTY-EIGHTH
AVE 75 N Cabrillo N 25x100. E
Tempey to whom it may concern
..... August 16, 1924

Aug. 18, 1924—PTN LOT 11 BLK 3106
and Lot 15 BLK 3106, Westwood
Park. Hans and Esther E Nel-
son to whom it may concern..... Aug. 18, 1924

Aug. 18, 1924—N GEARY 163 E POLK
27-6 on Geary x 120. E V Lacey
and O E Carlson to whom it may
concern..... Aug. 18, 1924

Aug. 18, 1924—E SAN JOSE AVE 62-6
S Twenty-fourth 40x90. A H Beet-
ham to whom it may concern..... Aug. 18, 1924

Aug. 18, 1924—LOTS 5 AND 6, EIGHTH
E Mission Terrace. Walter E Han-
sen to whom it may concern..... Aug. 15, 1924

Aug. 18, 1924—E FORTY-SIXTH AV
200 S Anza S 80x120. R Monson
to whom it may concern..... Aug. 18, 1924

Aug. 18, 1924—SW BEACH & GRANT
AVE W 275xS 137-6. Otis Elevator
Co to A Quandt & Sons..... Aug. 12, 1924

Aug. 18, 1924—N EDDY 62-6 E 125 S
E 50 N 137-6 W 25 S 50 W 25 S
87-6. Theodore Veyhle and Elmo
Collins to whom it may concern..... Aug. 18, 1924

Aug. 16, 1924—W TWENTY-EIGHTH
AVE 150 and 175 S Irving S 25x120
each. Elias Vigen to whom it may
concern..... Aug. 16, 1924

Aug. 16, 1924—N SACRAMENTO 107
W Franklin N 127-6xW 54. Louis
P Simon to whom it may concern
..... Aug. 14, 1924

Aug. 18, 1924—NW LISBON 225 NE
Brazil Ave NE 75xNW 100 Ptn Lot
6 Bk 18, Excel Hl Assn. Ambrose
B Frank to whom it may concern
..... July 18, 1924

Aug. 19, 1924—E NOE 73-6 N Alvara-
do 28x105. Axel R Larson to whom
it may concern..... Aug. 16, 1924

Aug. 19, 1924—S IRVING 22-6 E 27th
AVE E 25xS 100. Fannie S Akard
to G Sandberg..... Aug. 16, 1924

Aug. 19, 1924—W STEINER 35 S
Lombard S 50xW 100. Marina In-
vestment Co to whom it may con-
cern..... Aug. 18, 1924

Aug. 19, 1924—NW NINTH AVE AND
California 45x100. Strand & Strand
to whom it may concern..... April 19, 1924

Aug. 19, 1924—E JULES AVE 185 S
Holloway Ave S 25xW 112-6. John
W Hinkel to whom it may concern
..... August 19, 1924

Aug. 19, 1924—S LOMBARD 250 W
Van Ness Ave. Angelo Corbelli to
W Costello..... Aug. 19, 1924

Aug. 19, 1924—W THIRTY-THIRD
AVE 250 S Balboa 25x120. William
Costello to whom it may concern
..... Aug. 18, 1924

Aug. 19, 1924—LOT 34 BLK 2932
West Portal Park. Kate A Benson
to K H McKenzie..... Aug. 18, 1924

Aug. 19, 1924—W FORTY-SECOND
AVE 75 S Geary 25x55. The East
Christensen & T Olsen to whom
it may concern..... Aug. 19, 1924

Aug. 14, 1924—E FIFTEENTH AVE
150 S Lincoln Way S 25xW 127-6.
Anna C Moren to George R Moren
..... Aug. 12, 1924

Aug. 14, 1924—N CHESTNUT 164-9 W
Van Ness Ave. N 137-6 x W 27.
Melchoire Regusa to John Harder
..... Aug. 12, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Aug. 16, 1924—SE PAGE & OCTAVIA E 27-6xS 60. California Wall Bed Co vs Clara A and H H A Berch	\$222
Aug. 16, 1924—S TWENTY-SIXTH AVE 175 N Ulloa N 25x120. Smith Co vs John L and Rose Lepetich	\$112
Aug. 12, 1924—S ELLIS 16 W Wobster W 33-9xS 137-6. Fried- man Bros vs J A Carey.....	\$90
Aug. 12, 1924—NW POST & FRANK- LIN W 54 N 137-6. A E Springer Co vs Superior Grinding Co.....	\$880.50
Aug. 12, 1924—605 VAN NESS AVE. L A Taylor vs Hannah de Urioste John Doe Porter, Monarch Body works.....	\$400
Aug. 12, 1924—SE NEWCOMB AVE 100 SE from Inter SW Newcomb & SW Mendell SE 25xSW 100. Na- tional Plumbing Supply Co vs Emma Poutet and W J McKellar & Son.....	\$115
Aug. 19, 1924—S CALIFORNIA 154-9 W Jones W 51-6xS 137-6. H J De-	

Vries vs Herman T Ludwig, Chris
and Mary Peterson..... \$300.18

Aug. 19, 1924—S PACIFIC AVE 16
N Broderick W 55xS 127-84. A M
Hardy vs S A and Bella Schwartz,
..... \$13,287.11

Aug. 14, 1924—SE NEWCOMB 100 SE
intrn SW Newcomb and SW
Mendell SE 25xSW 100. W Stein-
berg and W B Jefferson (as The
Greater City Lumber Co) vs Emma
E Pontet and McKellar & Son.....
 \$70.25 |

Aug. 18, 1924—W TWENTY-EIGHTH
AVE 235 S Lincoln Way S 40 W 120.
Russell Hinton vs Joseph H and
Isabelle A Walker..... \$738

Aug. 18, 1924—S GREENE 130 W Stei-
nberg 57-6xS 70-1 1/2. No. 613-615
Green St. John H Roberts (as
Pacific Gatecam Co) vs Mrs. A.
Allesandro..... \$865.45

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 19, 1924—SE O'FARRELL AND
Powell E 62-6 S 87-6 E 50 S 50 W
112-6 N 137-6. United Stores
Locally owned as to improvements
on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts in this issue.

No.	Owner	Contractor	Amt.
1241	Dimmler	Monson	4000
1242	Clinton	Rankin	8000
1243	Gaw	Kelman	4500
1247	Lock	Owner	3500
1248	Fisher	Burke	6750
1249	Waterman	California	12500
1250	Thompsonson	Thompson	16000
1251	Carreiro	Owner	1800
1252	Dowling	Owner	3000
1253	Smith	Owner	4500
1254	United	Barrett	2745
1255	McNelly	Smith	2700
1256	Nicholson	Owner	8000
1257	Hall	Barrett	1000
1258	Galia	St. Mary	2500
1259	Davidson	Mullen	4000
1260	Cornwall	Van Ness	3000
1261	Bonneau	Marshall	3000
1262	Moore	Owner	3700
1263	Thomas	Owner	3000
1264	Champanot	Porter	3800
1265	Griffith	Owner	2500
1266	City Paris	Owner	24000
1267	Davidow	Owner	27000
1268	Humphrey	Gossett	2800
1269	Daube	Miller	1500
1270	East	Owner	2000
1271	Connolly	Lloyd	12000
1272	Roman	Brown	10000
1273	Zeiss	Fish	3800
1274	Henry	Williford	3000
1275	Stutt	Thiele	6000
1276	Mehrtens	Thiele	2700
1277	Henry	Williford	6800
1278	Wilson	Hildebrand	1750
1279	Wurlinger	Owner	7500
1280	Chamberlain	Altermatt	5000
1281	Hansen	Broadway	3500
1282	Stewart	Pearce	4000
1283	Hendrickson	Owner	3000
1284	Hoffman	National	6000
1285	Goodwin	Correia	3300
1286	Del Fava	Doyle	6550
1287	Laurez	Norgrove	12000
1288	Kingsley	Owner	4000
1289	Shuman	Shipman	1400
1290	Shipman	Owner	4000
1291	Johnson	Owner	50000
1292	Alberts	Sand	2600
1293	Hill	Ferguson	6000
1294	Gardner	Adams	4700
1295	Robbins	Nylander	6000
1296	Riggle	Bennassini	2000
1297	Sydes	Owner	2500
1298	Clark	Maurer	10697
1299	McDonough	Knight	—
1300	Levy	Knight	—
1301	Brennen	Owner	7000
1302	Kaufman	Wieben	5200
1303	Spraggins	Owner	1500
1304	Edwards	Hughes	1800
1305	Smalley	Loblom	1000
1306	Stuckert	Owner	1000
1307	Peppe	Owner	12550
1308	Sam	Same	2760
1309	Edwards	Jones	10400
1310	Andrews	Owner	3750
1311	Melanphy	Wells	6468
1312	Heitman	McCullough	17481
1313	Pavert	Owner	42500

4314	Williamson	Owner	13000
4315	Krieger	Owner	6500
4316	Thomas	Barnard	3200
4317	Fessenden	Malmsstrom	9000
4318	Bd. Educ.	Owner	4236
4319	Bd. Educ.	Owner	3890
4320	Bd. Educ.	Owner	2277
4321	Bd. Educ.	Owner	1492
4322	Bd. Educ.	Owner	2386
4323	Bd. Educ.	Owner	2979
4324	Bd. Educ.	Owner	1554
4325	Bd. Educ.	Owner	1176
4326	Bd. Educ.	Owner	2100
4327	Fox	Owner	3300
4328	Clifford	Pratt	1400
4329	Mansfield	Carlson	7350
4330	Leavy	Walter	1200
4331	Martin	Owner	3000
4332	Uhlenkamp	Lehman	5600
4333	Argust	Squires	4000
4334	Monez	Owner	3000
4335	Courtney	Foreman	4400
4336	Daehn	Fairfax	2000
4337	Honck	Owner	7000
4338	Maurer	Kram	1000
4339	Mahon	Brown	4500
4340	Donohue	Van Ness	2800
4341	Watkins	Owner	3500
4342	Rovanpera	Owner	3250
4343	Kohle	Owner	2000
4344	Thornally	Thornally	18000
4345	Short	Short	11000
4346	Bramlage	Bramlage	4800
4347	Burrin	Schmidt	1000
4348	Earle	Henderson	1000
4349	Clonon	Malkala	4000
4350	Turner	Owner	3000
4351	Melumphy	Wells	6218
4352	Morehouse	Hall	2200
4353	Marshall	Owner	2900
4354	Maloney	Shipman	3000
4355	Gervais	Owner	1575
4356	Norris	Norris	6000
4357	Hamilton	Elirod	8000
4358	Montenson	MacGregor	5100
4359	Gallagher	Jacobson	3300
4360	Booth	Owner	6000
4361	Laugbehn	Laugbehn	3000
4362	Melge	Anderson	4300
4363	Dado	Dado	3000
4364	Relaglatie	Anderson	3400
4365	Flittner	Owner	4300
4366	Drysdale	Owner	3650
4367	Fowler	Scott	7700
4368	Del Rey	Mason	29000
4369	Mark	Kat	12200
4370	Stone	Perdus	2500
4371	Davidson	Smith	1275
4372	Ehret	Owner	4000
4373	Lind	Jackson	2500
4374	Jackson	Owner	1500
4375	Foley	Butzke	5000
4376	de Normandie	Martin	4000
4377	Rodda	Knapp	2500
4378	Turner	Henderson	4500
4379	Hickok	Wigman	2100
4380	Elliot	Owner	3000
4381	Holmes	Goranson	6500
4382	Gallagher	Zwaal	4000
4383	Klein	Owner	5000
4384	Tollefen	Owner	3100
4385	Burrini	Bardwell	6000
4386	Sharp	Dahl	3650
4387	Patterson	Owner	5300
4388	Storer	Owner	3000
4389	Pacific	Gorrill	—

ALTERATIONS

(4244) NO. 770 SPRUCE ST., Berkeley.
Alterations and additions.
Owner—C. L. Dimmler.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., San Francisco. \$4000

DWELLING

(4245) NO. 2939 ASHBY AVE., Berkeley. Dwelling.
Owner—Margaret Clinton, Belmont, Calif.
Architect—C. W. Gompertz, Claremont Manor, Berkeley.
Contractor—S. G. Rankin, 712 Haddon Road, Oakland. \$8500

DWELLING

(4246) NO. 1608 SCENIC, Berkeley. Dwelling.
Owner—Hugh Gaw, 1533 Walnut, Berkeley.
Designer—Kelman Bros., 3099 Telegraph Ave., Berkeley.
Contractor—Kelman Bros., 3099 Telegraph Ave., Berkeley. \$4500

PLANING MILL

(4247) NO. 735 UNIVERSITY AVE., Berkeley. Planing mill.
Owner—Chas. Lock, Pacific Grove, Cal.
Architect—Marshall Dean, Pacific Grove.
Contractor—Chas. Lock, Pacific Grove. \$3500

DWELLING

(4248) NO. 661 ARLINGTON ST., Berkeley. Dwelling and garage.
Owner—H. O. Fisher, 2015 Yolo St., Berkeley.
Designer—C. E. Burke, 1129 Randolph Ave., Oakland.
Contractor—C. E. Burke, 4129 Randolph Ave., Oakland. \$6750

APARTMENTS

(4249) S E-SIXTEENTH ST. 100 W 41st Ave., Oakland. 2-story 12-room apartments and garage.
Owner—Martin Waterman, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$12,500

STORES & APTS.

(4250) NE COR. GRAND AVE. AND Weldon St., Oakland. 2-story 15-rm. stores and apartments.
Owner—G. E. Thompson, 458 Lakeshore Blvd., Oakland.
Architect—None.
Contractor—H. E. Thompson, 458 Lakeshore Blvd., Oakland. \$16,000

ADDITION

(4251) SW COR. FIFTIETH AVE. AND 14th St., Oakland. Brick addition.
Owner—John Carreira, 4999 East 14th St., Oakland.
Architect—None. \$1800

DWELLING

(4252) SW COR. SIXTY-SECOND & Racine Sts., Oakland. 1-story 5-room dwelling.
Owner—Geo. F. Dowling, 407 Federal Bldg., Oakland.
Architect—None. \$3000

DWELLING

(4253) E VICENTE RD. 250 S Grand View Dr., Oakland. 1-story 5-room dwelling.
Owner—L. D. Smith, 303 Vicente Road, Oakland.
Architect—None. \$4500

ALTERATIONS

(4254) SW COR. SEVENTEENTH & Broadway, Oakland. Alterations.
Owner—United States Treasury Dept.
Architect—None.
Contractor—Barrett & Hilp, 357 12th St., Oakland. \$2748

REPAIRS

(4255) 3911 WEBSTER ST., Oakland. Fire Repairs.
Owner—Mrs. G. A. Maw, 3911 Webster St., Oakland.
Architect—None.
Contractor—J. F. Shrader, 2004 Telegraph Ave., Oakland. \$2270

DWELLINGS

(4256) 239 245 CROSS ROADS, Oakland. 2 1-story 5-room dwellings.
Owner—C. H. Nicholson, 461 9th St., Richmond.
Architect—None. \$4000 each

REPAIRS

(4257) TELEGRAPH AVE. 140 N 16th St., Oakland. Repairs.
Owner—Hall & Buhs
Architect—None.
Contractor—Barrett & Hilp, 357 12th St., Oakland. \$1000

DWELLING

(4258) W NINETY-SECOND AVE. 200 S D St., Oakland. 1-story 4-room dwelling.
Owner—Nete Galla, 1035 92nd Ave., Oakland.
Architect—None.
Contractor—Joe St. Mary, 9415 E 14th St., Oakland. \$2500

ALTERATIONS

(4259) 1318 BROADWAY, Oakland. Alterations.
Owner—Davidson & Licht, 1318 Broadway, Oakland.
Architect—None.
Contractor—Mullen Mfg. Co., 60 Rausch St., San Francisco. \$4000

STORES

(4260) E PIEDMONT AVE. 275 S Ramona Ave., Oakland. 1-story stores.
Owner—R. Cornwall, 4325 39th Ave., Oakland.
Architect—None.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland. \$3000

SERVICE STATION ETC.

(4261) SW COR. EIGHTIETH AVE. & E-14th St., Oakland. 1-story tile service station and 1-story brick service station.
Owner—J. J. Bonneau, 1725 Webster St., Oakland.
Architect—None.
Contractor—Marshall & Burkes, 1725 Webster St., Oakland. \$3000

DWELLING

(4262) N E-21st St. 205 E Mitchell St., Oakland. 1-story 5-room dwelling and garage.
Owner—E. H. Moore, 319 21st Street, Oakland.
Architect—L. F. Hyde, 372 Hanover Ave., Oakland. \$3700

DWELLING

(4263) N DELAMARE ST. 350 W Maple Ave., Oakland. 1-story 5-room dwelling.
Owner—A. D. Thomas, 2361 Madeline St., Oakland.
Architect—None. \$3000

DWELLING & GARAGE

(4264) W ADELL COURT 200 N Montana St., Oakland. 1-story 4-room dwelling and garage.
Owner—Edw. M. Champonot, 2130 Emerson St., Berkeley.
Architect—None.
Contractor—A. W. Porter, 2234 San Antonio Ave., Alameda. \$3000

DWELLING

(4265) W 102ND AVE. 180 S BIRCH St., Oakland. 1-story 4-room dwelling.
Owner—C. W. Griffith, 1323 96th Ave., Oakland.
Architect—None. \$2500

ALTERATIONS

(4266) NE COR. 14TH & WEBSTER Sts., Oakland. Alterations.
Owner—City of Paris Dry Goods Co., Geary and Stockton Sts., S. F.
Architect—None. \$24,000

DWELLINGS (9)

(4267) W 69TH AVE. PL. 500 - 547 611 - 648 - 685 - 722 - 759 - 789 835 N 68th Ave., Oakland. Nine 1-story 5-room dwellings.
Owner—S. Victor Davidow, 1620 69th Ave., Oakland.
Architect—None. \$3000 each

DWELLING

(4268) N BIRCH ST. 100 W 94TH Ave., Oakland. 1-story 4-room dwelling.
Owner—J. W. Humphrey, 1903 94th Ave., Oakland.
Architect—None.
Contractor—C. A. Gossett, 327 Davis Court, S. F. \$2800

STORES

(4269) NW COR. 13TH AVE. & EAST 14th St., Oakland. 1-story stores.
Owner—H. Deube.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$15,000

(4270) N 21ST ST. BET. ADELINE & Magnolia Sts., Oakland. 1-story shed.
Owner—East Bay Water Company, 152 16th St., Oakland.
Architect—None. \$2000

APARTMENTS

(4271) 684 36TH STREET, OAKLAND. 2-story 14-room apartments.
Owner—Thos. Connolly, 658 36th St., Oakland.
Architect—None.
Contractor—J. A. Lloyd, 763 36th St., Oakland. \$12,000

MOVING, ETC.

(4272) COM. AT A POINT FORMED by the intersection of the E line of 23rd Ave. with the S line of E 9th St., running thence E along said S line of E 9th St. at an angle of 90 deg. from 23rd Ave. 100 ft. thence at an angle of 132 deg. and 24 inches SE and along SW line of E 9th St. 155.74 thence at an angle of 93 deg. 53 ft. SW 152.75 ft. thence at an angle of 89 deg. 59 ft. NW 142.26 ft. thence at an angle of 130 deg. 44 min. N along easterly line of 23rd Ave. 123.53 ft. to pt. of beginning, Oakland. All necessary work for moving, alterations and additions to church frame bldg.

OWNER—The Roman Catholic Archbishop of S. F., ex corp. solent, 1700 Franklin St., S. F.
Architect—Charles E. Feltner, 500 Montecarmelo St., S. F.
Contractor—M. Brown and G. Souza, Filed Aug. 14, 1924. Dated July 29, 1924. When bids is moved to 6 o'clock. \$3500
 When completed 2500
 Total as above 2500
TOTAL COST, \$10,000
 Bond, yes. Sureties, F. H. Garcia and W. Hennas, Portland, \$15.00 per day. Limit, 120 working days from Aug. 1, 1924. Plans and specifications filed.

DWELLING
 (4273) 1533 PARU ST., Alameda. 1-story 5-room dwelling.
Owner—Mrs. A. Zeisz, San Francisco.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$3800

DWELLING
 (4274) 2811 MADISON ST., Alameda. 1-story 4-room dwelling.
Owner—W. S. Henry, 2837 Madison St., Alameda.
Architect—None.
Contractor—Howard Willford, 3237 Bayo Vista Ave., Alameda. \$2900

DWELLING
 (4275) ST. CHARLES AND SAN ANTONIO, Alameda. 1-story 5-room dwelling.
Owner—C. C. Stuti, 545 Haight Ave., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thompson Ave., Alameda. \$6000

DWELLING
 (4276) PACIFIC AVE. AND UNION ST., Alameda. 1-story 4-room dwlg.
Owner—G. H. Mehlertens, 1535 Webster St., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thompson Ave., Alameda. \$2700

(4277) 2843 AND 45 MADISON ST., Alameda. 1-story 5-room dwlg. and 1-story 4-room dwlg.
Owner—W. B. Henry, 2837 Madison St., Alameda.
Architect—None.
Contractor—Howard Willford, 3237 Bayo Vista Ave., Alameda. \$3600 and \$3000

ALTERATIONS
 (4278) 126 MONTICELLO AVE., Piedmont. Alterations.
Owner—Mrs. J. P. Wilson, premises.
Architect—None.
Contractor—C. G. Hildebrand, 1709 Fremont Way, Oakland. \$1750

BLDG.
 (4279) 557 JEROME AVE., Piedmont. New 2-story 6-room and garage.
Owner—Thos. F. L. Furlong, 557 Eldorado, Piedmont.
Architect—None.
Contractor—Thos. Furlong, 557 Eldorado, Piedmont. \$7500

DWELLING
 (4280) 36 OAK RIDGE, Berkeley. Dwelling.
Owner—R. L. Chamberlain, 3125 College, Berkeley.
Architect—C. C. Dakin, 3034 Illinois, Berkeley.
Contractor—J. F. Altermatt, 1911 Walnut, Berkeley. \$5000

DWELLING
 (4281) 1512 EDITH, Berkeley. Dwlg.
Owner—Geo. Hansen, Oakland.
Architect—None.
Contractor—W. Broadway, 3432 Salisbury St., Oakland. \$3500

DWELLING
 (4282) 2227 SIXTY-FOURTH AVE., Oakland. 1-story 5-room dwlg.
Owner—N. A. Stewart, 5125 Bont St., Oakland.
Architect—None.
Contractor—Orland Pearce, 2121 64th Ave., Oakland. \$4000

DWELLING
 (4283) 1747 E-TWENTY-SECOND ST., Oakland. 1-story 5-room dwlg.
Owner—Mrs. A. Hendrickson, 2038 7th Ave., Oakland.
Architect—None. \$3600

SIGNS
 (4284) 1329 WEBSTER ST., Oakland. Roof sign and electric sign.
Owner—M. Hoffman Co., 1329 Webster St., Oakland.
Architect—None.
Contractor—National Electric Sign Co., 514 14th St., Oakland. \$3000 each

DWELLING
 (4285) E SEVENTY-SECOND AVE., 209 S. E-11th St., Oakland. 1-story 5-room dwellings.
Owner—Eve Goodwin, 2754 Grove St., Oakland.
Architect—None.
Contractor—A. E. Correia, 3121 E-27th St., Oakland. \$3300

GARAGE
 (4286) S SEVENTH ST., 150 E Frush St., Oakland. 1-story brick garage.
Owner—G. DelFava, 1533 5th, Oakland.
Architect—None.
Contractor—Chas. A. Doyle, 2014 Central Ave., Alameda. \$6550

DWELLINGS
 (4287) 10 N ELWOOD AVE., 90, 130 and 170 W. Mira Vista, Oakland. Three 1-story 5-room dwigs.
Owner—C. V. Laurez, 400 Syndicate Bldg., Oakland.
Architect—None.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. \$4000 each.

DWELLINGS
 (4288) N KINGSLEY ELECTRIC Park, 100 W. Seminary, Oakland. Two 1-story dwellings.
Owner—C. A. Kingsley, 5748 Walnut St., Oakland.
Architect—None. \$2000 each.

(4289) 3258 KANSAS ST., Oakland. 1-story 5-room dwelling and garage.
Owner—Mrs. Irwin, 72nd Ave. and E-14th St., Oakland.
Architect—None.
Contractor—C. A. Shipman, 2621 55th Ave., Oakland. \$3400

(4290) 3000 MADERA AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—C. A. Shipman, 2621 55th Ave., Oakland.
Architect—None. \$4000

STORES
 (4291) NE COR. SEVENTH AND Franklin Sts., Oakland. 2-story concrete stores.
Owner—Axel Johnson, 7th and Franklin Sts., Oakland.
Architect—None.
Contractor—W. K. Owen, 852 36th St., Oakland. \$50,000

DWELLING
 (4292) N HARMON AVE., 500 W 55TH Ave., Oakland. 1-story 3-room dwelling.
Owner—H. Alberts, 2358 Peralta Ave., Oakland.
Architect—None.
Contractor—W. F. Sand, 2721 School St., Oakland. \$2600

DWELLING
 (4293) NE COR. FAIRBANKS AND Warfield Aves., Oakland. 1-story 6-room dwelling.
Owner—A. A. High, 108 Syndicate Bldg., Oakland.
Architect—None.
Contractor—A. L. Ferguson, 1268 55th Ave., Oakland. \$6600

DWELLING
 (4294) 2800 BELLAIRE PLACE, Oakland. 1-story 5-room dwelling and garage.
Owner—C. C. Gardiner, 2012 11th Ave., Oakland.
Architect—None.
Contractor—E. H. Adams, 2840 33rd Ave., Oakland. \$1700

DWELLING
 (4295) W VICKSBURG AVE., 277 S Congress Ave., Oakland. 1-story 8-room 2-family dwelling.
Owner—Edith G. Roberts, 15 11th St., Oakland.
Architect—None.
Contractor—Alexander Brass, 161 E-13th Ave., Oakland. \$6000

DWELLING
 (4296) 2355 MITCHELL ST., Oakland. 1-story 4-room dwelling.
Owner—Chas. C. Rialge, 2355 Mitchell St., Oakland.
Architect—None.
Contractor—Ph. Hennas, 3225 16th Ave., Oakland. \$2900

DWELLING
 (4297) W SIXTY-SIXTH AVE., 80 N Avenal Ave., Oakland. 1-story 4-room dwelling.
Owner—Sydes Brothers, 2512 53th Ave., Oakland.
Architect—None. \$2599

DWELLING
 (4298) S 50.01 FT. OF LOT 3, BLK. B, Whitney Tract, Berkeley. General construction of 3-room frame dwlg.
Owner—W. W. W. B. Clark, Mercedite Trust Bldg., Berkeley.
Architect—John Hudon Thomas, 177 Ridgeway Ave., Oakland.
Contractor—George Maurer and T. D. Courtright, (The Geo. J. Maurer Co.), Oakland.

Filed Aug. 14, 1924. Dated Aug. 1, 1924. When frame is up \$271.25
 When brown coated 271.25
 When accepted 267.425
 Total \$349.925
TOTAL COST, \$3,697
 Bond, sureties, forfeit, none. Limit, 120 working days from date. Plans and specifications not filed.
 Note: Permitted by Ord. of Aug. 9, 1924. No. 445.

APARTMENTS
 (4299) S E-PHILIP-AND-EDITH ST., 120 ft. S of Bruce St., Oakland. General construction 2-story 4-aprt. bldg., each 4 rooms.
Owner—Patrick H. and Georganna McDonough, 1371 E-25th St., Oakland.
Architect—Harry C. Knight.
Contractor—Harry C. Knight, 1426 Franklin St., Oakland.

Filed Aug. 15, 1924. Dated Apr. 24, 1924. Payments not given.
TOTAL COST—Cost, plus 10% Bond, sureties, forfeit, none. Limit, 90 days from commencement of work. Plans and specifications filed.
 NOTE—Permit applied for July 31, 1924, No. 3953.

RESIDENCE
 (4300) S SIDE SPRUCE ST. ABOUT 100 ft. S of Los Angeles, Berkeley. General construction 3-room residence with garage.
Owner—Leo S. Levy, 1109 Glenn, Berkeley.
Architect—Harry C. Knight, Oakland.
Contractor—Harry C. Knight, 1426 Franklin St., Oakland.

Filed Aug. 15, 1924. Dated July 17, 1924. Payments not given.
TOTAL COST—Cost, plus 10% Bond, sureties, forfeit, none. Limit, 90 days after beginning. Plans and specifications filed.

DWELLING
 (4301) NO. 346-48 FORTY-FIFTH, Oakland. One-story 10-room 2-family dwelling.
Owner—Martin Brennen, 383 45th St., Oakland.
Architect—None. \$7000

DWELLING
 (4302) S CREED ROAD 100 E Barrows Road, Oakland. One-story 6-room dwelling and garage.

NOW READY FOR DELIVERY—PRIDDE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contract. Loose Leaves in Fabricoid Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid. Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

Owner—M. Kaufman, San Francisco.

Architect—None.

Contractor—Alex C. Wieben, 839 Rosemount Road, Oakland. \$5200

DWELLING

(4369) W FERNWAY, Lot 32, Oakland. One-story 4-room dwelling. Owner—E. R. Spraggins, Premises. Architect—None. \$1000

DWELLING

(4364) E WHITNEY 315 N 65th St., Oakland. One-story 6-room dwlg. Owner—A. D. Hughes, 729 37th St., Oakland. Architect—None.

Contractor—J. A. Pinkerton, 1931 Geryman St., Berkeley. \$1800

ADDITION

(4365) NO. 3503 MAYBELLE AVE., Oakland. Addition. Owner—Mrs. Smalley, Premises. Architect—None.

Contractor—M. H. Loblaw, Haywards. \$1000

DWELLING

(4366) W FERNWAY, Lot 32, Oakland. One-story 4-room dwelling. Owner—Chas. H. Stuckert, Premises. Architect—None. \$1000

DWELLINGS

(4367) NO. 2933, 2160 and 3166 MAXWELL AVE., Oakland. Two one-story 6-room dwellings and one one-story 5-room dwelling.

Owner—J. E. Peppin, 341 Trestle Glen Road, Oakland.

Architect—None.

\$4300, \$4250 and \$1000 respectively

DWELLINGS

(4368) NO. 3101-07-15-21-27-33 and 39 Rawson St., Oakland. Five one-story 5-room dwellings and two 1-story 4-room dwellings.

Owner—J. E. Peppin, 351 Trestle Glen Road, Oakland.

Architect—None.

5 at \$4000 each and 2 at \$3800 each

DWELLING

(4369) E HILLCREST off Fish Ranch Road, Oakland. Two-story 8-room dwelling and garage.

Owner—Captain Edwards.

Architect—None.

Contractor—G. P. W. Jensen, 320 Market St., San Francisco. \$10,100

DWELLING

(4370) E GREENWOOD AVE 300 N Hempel St., Oakland. One-story 5-room dwelling.

Owner—Andrews & Santana, 4111 Broadway, Oakland.

Architect—None. \$3750

ALTERATIONS

SE E-NINTH AND TWENTY-THIRD AVE., Oakland. Alterations and additions.

Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.

Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.

Contractor—H. Brown & G. Sauza, 1922 E-14th St., Oakland. \$10,000

NOTE:—Recorded contract reported Aug. 15, 1924, No. 4272.

RESIDENCE

(4311) COR. EISENADA & VINCENTE AVE., Berkeley. All work for one-story frame and stucco residence.

Owner—R. J. and Roma J. Melanphy, 1509 High St., Alameda.

Architect—Jas. T. Narbett, 9th and Macdonald Ave., Richmond, Cal.

Contractor—W. B. Wells, 1924 Parker St., Berkeley.

Filed Aug. 15, '24. Dated Aug. 9, '24.

Frame up..... \$1617.20

Brown coated inside and ready for dash coat side..... 1617.20

When accepted..... 1617.20

Usual 35 days..... 1617.20

TOTAL COST, \$6468.80

Bond, \$—, Sureties, Edward S. Ransom and Margaret Wells. Limit, 90 working day safter filing contract.

Forfeit, none. Plans and specifications filed.

RESIDENCE

(4312) TUNNEL ROAD & OAKRIDGE Road, Berkeley. All work for two-story residence.

Owner—Dr. Hubert Heitman, 52 Up-lands, Berkeley.

Architect—W. H. Hatchiff Jr., Mercantile Bank Bldg., Berkeley.

Contractor—Chas. H. McCullough, 1634 Berkeley Way, Berkeley.

Filed Aug. 16, '24. Dated Aug. 13, '24.

Frame up..... \$4371

1st coat plaster on..... 4371

When completed..... 4371

Usual 35 days..... 4371

TOTAL COST, \$17,484

Bond, \$—, Surety, Maryland Casualty Co. Limit, 80 working days from date of contract. Forfeit, \$5 per day.

Plans and specifications filed.

DWELLINGS

(4313) 2124 2128 2132 2136 2140 2144 2148 2152 2156 2160 Oregon Street, Berkeley, 10 dwellings and garages. Owner—R. J. Pavert, Merc. Trust Bldg., Berkeley.

Architect—None. \$4250 each

APT. BLDGS.

(4314) 1928-30 1932-4 1936-8 CALIFORNIA, Berkeley, 3 apt. bldgs. Owner—L. M. Williamson, Walnut Creek.

Contractor—East Bay Planners, 306 14th St., Oakland.

Contractor—Williamson. 1 at \$6000

2 at \$3500 each

DWELLING

(4315) 2047 LOS ANGELES, Berkeley. Dwelling and garage. Owner—C. J. Krieger, 2100 Los Angeles B., Berkeley.

Architect—None. \$6500

DWELLING

(4316) 1280 HOPKINS, Berkeley. Dwelling and garage. Owner—J. L. Thomas, 1720 Nason St., Alameda.

Designer & Contractor—C. L. Barnard 3101 Summit St., Oakland. \$3200

DWELLING

(4317) 1443 HAWTHORNE, Berkeley. Dwelling. Owner—H. P. Fessenden, Euclid Apts., Berkeley.

Architect—None.

Contractor—J. B. Malmstrom, 2326 37th Ave., Oakland. \$9000

SCHOOL REPAIRS

(4318) KITTRIDGE & GROVE, Berkeley. School repairs. Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$4236.10

REPAIRS

(4319) STUART & TELEGRAPH, Berkeley. School repairs. Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$3890

REPAIRS

(4320) ROSE & GRANT, Berkeley. School repairs. Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$2277.60

REPAIRS

(4321) ROSE & WALNUT, Berkeley. School repairs. Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$1492

REPAIRS

(4322) CURTIS & UNIVERSITY, Berkeley. School repairs. Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$2386

REPAIRS

(4323) SACRAMENTO & ROSE, Berkeley. School repairs. Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$1554

REPAIRS

(4325) GROVE & BANCROFT, Berkeley. School repairs. Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$1176

FIRE ESCAPES ETC.

(4326) PIEDMONT & FOREST, Berkeley. Fire escape and school repairs.

Owner—Bd. of Education, 2133 Allston Way, Berkeley.

Architect—None. \$1460 & \$700

DWELLING & STORE

(4327) 1305 CURTIS, Berkeley. Dwelling and store. Owner—Fox Bros., 1926 University Ave., Berkeley.

Architect—None. \$3300

ADDITION

(4328) 128 PARKSIDE, Berkeley. Addition. Owner—R. G. Clifford, premises. Architect—None.

Contractor—G. F. Pratt, 1109 Amador, Berkeley. \$1400

DWELLING

(4329) 617 SANTA ROSA, Berkeley. Dwelling. Owner—W. Mansfield, S. F. Architect—Thos. Smith, 525 Market St., San Francisco.

Contractor—V. Carlson, 849 The Alameda, Berkeley. \$7350

DWELLING

(4330) 1628 ACTON, Berkeley. Dwelling. Owner—A. A. Leavy, 3188 Davis St., Oakland.

Architect—None.

Contract—Walter & English, Oakland. \$1200

DWELLING & STORE

(4331) 314 60TH AVE & TEVIS St., Oakland. 1-story 4-room dwlg. and store. Owner—F. B. Martin, 6100 E-14th St., Oakland.

Architect—None. \$3000

DWELLING

(4332) 6121 ROCKRIDGE BLVD., Oakland. 1-story 6-room dwlg. Owner—Uhlenkamp, 654 61st St., Oakland.

Architect—None.

Contractor—J. Lehman, 859 Apgar St., Oakland. \$5600

ALTERATIONS & ADDITION

(4333) 1825 28TH AVE., OAKLAND. Alterations and Addition. Owner—Dr. T. J. Argust, 1825 28th Av., Oakland.

Architect—None.

Contractor—C. R. Squires, 1451 Seminary Ave., Oakland. \$4000

DWELLING

(4334) S MONTANA STREET, 140 E. Adell Court, Oakland. 1-story 5-room dwelling.

Owner—A. H. Monez, 1427 E-32nd St., Oakland.

Architect—None. \$3000

DWELLING

(4335) 737 LINWOOD AVE., OAKLAND. 1-story 6-room dwelling. Owner—M. Courtney, Excelsior Blvd., Oakland.

Architect—None.

Contractor—J. S. Foreman, 3411 Sheffield Ave., Oakland. \$4400

DWELLING

(4336) OLIVE ST 260 E 32ND AVE., Oakland. 1-story 4-room dwelling. Owner—Chas. Daehn, 9234 Olive Street, Oakland.

Architect—None.

Contractor—Felix Realty Co., 7927 E-14th St., Oakland. \$2000

DWELLING

(4337) 965 SCOTT ST., OAKLAND. 1-story 7-room dwelling. Owner—L. L. Houck, 934 Alma Ave., Oakland.

Architect—None. \$7000

DWELLINGS (3)

(4338) E 57TH AVE 243 N NOBLE St., Oakland. Three 1-story 3-rm. dwellings. Owner—F. Mauer, 1820 57th Avenue, Oakland.

Architect—None.

Contractor—E. Kram, 2325 Ransome Ave., Oakland. \$1400 each

DWELLING

(4339) W 13TH AVE 50 N BELLA Vista Ave., Oakland. 1-story 5-rm. dwelling.

CONTRACTOR P. Mahon, 112 E. Avenue, Oakland.
Architect—None.
Contractor—H. Brown, East 112nd and St., Oakland. \$4500

DWELLING
 (4340) W. RHODA AVE. 74 N. CARROLL ST., Oakland. 1-story 4-room dwelling.
Owner—Mrs. B. L. Donohue, 2905 Rhoda Ave., Oakland.
Architect—None.
Contractor—Lester Van Ness, 3557 Wilson Ave., Oakland. \$2800

DWELLING
 (4341) E-24TH AVE. 40 NE 21ST ST., Oakland. 1-story 3-room dwelling.
Owner—E. Watkins, E-17th St., Oakland.
Architect—None. \$3500

DWELLING
 (4342) W. LYON AVE. 160 W. HARRINGTON, Oakland. 1-story 5-room dwelling.
Owner—H. Rovamperä, 3560 Lyon Ave., Oakland.
Architect—None. \$3250

DWELLING
 (4343) N MONTANA ST. 55 W. BOSTON ST., Oakland. 1-story 3-room dwlg.
Owner—A. E. Kohle, 1201 Adeline St., Oakland.
Architect—None. \$4200

LOFT
 (4344) SE COR. 14TH & WASHINGTON STs., Oakland. 2-story concrete loft building.
Owner—H. M. Thornally, 3rd & Washington Sts., Oakland.
Architect—None.
Contractor—W. G. Thornally, 357 12th St., Oakland. \$1800

DWELLINGS (2)
 (4345) W. KENWYN RD. 90-140 N. Cleveland Ave., Oakland. Two 1-story 6-room dwellings.
Owner—Louise H. Short, 574 Rosal Ave., Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Oakland. \$5500 each

DWELLING
 (4346) 1995-97 HOPKINS ST., Berkeley, Dwelling.
Owner—Mabel M. Bramlage 619 Arlington Ave., Berkeley.
Architect—None.
Contractor—T. Bramlage, 619 Arlington Ave., Berkeley. \$4800

ADDITION
 (4347) 1462 SAN PABLO AVE., Berkeley, Addition.
Owner—Carl Eurnrin, 1462 San Pablo Ave., Berkeley.
Architect—None.
Contractor—B. H. Schmidt, 2237 E 19th St., Oakland. \$1000

ADDITION
 (4348) 149 PARKSIDE DRIVE, Berkeley, Addition.
Owner—L. H. Earle, 149 Parkside Dr., Berkeley.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. \$1000

RESIDENCE
 (4349) 2418 SPAULDING AVE., Berkeley, Residence.
Owner—Mrs. Julia Clonan, 292 Singlelary Ave., San Jose.
Designer & Contractor—Vainio Matkela, 1734 Carlton St., Berkeley. \$4000

DWELLING
 (4350) 1216 MONTEREY, Berkeley, Dwelling.
Owner—G. N. Turner, 1908 Grant St., Berkeley.
Architect—None.
Contractor—G. N. Turner, 1908 Grant St., Berkeley. \$3000

DWELLING
 (4351) 724 E. ENSENADO AVE., Berkeley, Dwelling.
Owner—R. J. Melumphy 715 Ripley Ave. Richmond.
Architect—James T. Market, 906 McDonald Ave., Richmond.
Contractor—W. B. Wells, 716 Ensenado Ave., Berkeley. \$6218.80

DWELLINGS
 (4352) NE COR. GARFIELD AND 7TH Aves., Oakland. 1-story 4-room dwelling.
Owner—Mrs. C. D. Abernethy, 891 22nd St., Oakland.
Architect—None.
Contractor—Fugli Hall, 891 22nd St., Oakland.

DWELLING
 (4353) E FIFTY-EIGHTH AVE. 75 N. Camden St., Oakland. 1-story 3-room dwelling.
Owner—A. C. Marshall, 1421 Franklin St., Oakland.
Architect—None. \$4000

DWELLING
 (4354) 3245 LYNDEN ST., Oakland. 1-story 5-room dwelling.
Owner—J. J. Maloney, 546 Santa Clara Ave., Oakland.
Architect—None.
Contractor—A. A. Shipman, 2621 75th Ave., Oakland. \$3600

DWELLING
 (4355) NW COR. AVENAL AVE. AND Church St., Oakland. 1-story 4-room dwelling and garage.
Owner—Oscar Graybi, 5815 Walnut St., Oakland.
Architect—None. \$1575

DWELLINGS
 (4356) S. ARIZONA ST. 192 342 E. Laurel Ave., Oakland. 2 1-story 5-room dwellings.
Owner—J. Norris.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. \$3000 each

DWELLING
 (4357) S. HILLCROFT CLR. 324 W. Sunnyhill Rd., Oakland. 2-story 8-room dwelling.
Owner—Mrs. Jas. Hamilton, 1429 29th Ave., Oakland.
Architect—None.
Contractor—C. H. Elrod 5332 Telegraph Ave., Oakland. \$8000

DWELLING
 (4358) 3362 PERALTA AVE., Oakland 1-story 6-room dwelling and garage.
Owner—Paul Mortensen, 3945 Laguna Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 170 13th St., Oakland. \$5100

DWELLING
 (4359) 1618 EIGHTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—J. J. Gallagher, 3316 E 12th St., Oakland.
Architect—None.
Contractor—E. Jacobsen, 2307 Havenscourt Blvd., Oakland. \$2300

DWELLINGS
 (4360) N KANSAS ST. 42-85 E. Patterson Ave. and NE Kansas corner Patterson, Oakland. 3 1-story 4-room dwellings.
Owner—E. S. Booth, 91 Nova Drive, Piedmont.
Architect—None. \$2000 each

DWELLING
 (4361) N BIRDSALL AVE. 200 E Rawson Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. M. Laugbehn, 3216 Birdlary Ave., Oakland.
Architect—None.
Contractor—Fred Laugbehn, 2801 Birdlary Ave., Oakland. \$3000

DWELLING
 (4362) N DAKOTA ST. 250 E. Laurel Ave., Oakland. 1-story 5-room dwlg.
Owner—Fred W. Metge, 3228 Dakota St., Oakland.
Architect—None.
Contractor—A. Anderson, 3935 Whittle Ave., Oakland. \$3400

DWELLING
 (4363) E SEVENTY-FOURTH AVE. 450 N. E-14th St., Oakland. 1-story 4-room dwelling.
Owner—E. F. Dado, 1255 Pacific Ave., San Francisco.
Architect—None.
Contractor—J. M. Dado, 1255 Pacific Ave., S. F. \$2000

DWELLING
 (4364) 3024 MONTANA STREET, Oakland. 1-story 5-room dwelling.
Owner—Frank Berkeley, 3024 Montana St., Oakland.
Architect—None.
Contractor—A. Anderson, 3935 Whittle Ave., Oakland. \$3400

DWELLING
 (4365) E SIXTY-FOURTH AVE. 365 N. Avenal Ave., Oakland. 1-story 6-room dwelling and garage.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. \$4300

DWELLING
 (4366) 6014 SCENIC WAY, Oakland. 1-story 5-room dwelling & garage.
Owner—Geo. H. Drysdale, 2321 38th Ave., Oakland.
Architect—None. \$3650

NG. 64 TUNNEL ROAD, Berkeley, Dwelling.
Owner—Dr. Hubert Heitman, Berkeley.
Architect—W. H. Ratcliffe, Merchants Trust Bldg., Berkeley.
Contractor—Chas. McCullough, 1641 Allston Way, Berkeley. \$17,400
NOTE Recorded contract reported Aug. 18, 1924, No. 4312.

STORE BLDG.
 (4367) NW COR. OF SIXTY-THIRD St. and College Ave., Oakland. All work for 1-story frame store bldg. and garages.
Owner—Matilda N. Fowler, 6305 College Ave., Oakland.
Architect—A. W. Smith, Am. Bank Bldg. Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland.

Filed Aug. 18, 1924. Dated Aug. 18, 1924
 Frame up \$1925
 1st coat of plaster 1925
 Completed and accepted 1925
 Usual 35 days 1925
TOTAL COST, \$7700
 Bond, none; Sureties, Alice M. Scott, C. M. MacGregor; Forfeit, 10 day; Limit, 30th of October, 1924; Plans and specifications filed.

FRATERNITY HOUSE
 (4368) LOT 3 & N 30 FT. of LOT 2 Blk 13 Map Daley's Scenic Park, Berkeley. All work for 3-story and basement frame and plaster fraternity house.
Owner—Del Rey Club Inc. (a corp.)
Architect—Masten and Hurd, 278 Post St., San Francisco.
Contractor—Mason McDuffie Co., Shattuck & Addison, Berkeley.
 Filed Aug. 19, 1924. Dated Aug. 18, 1924.
 Frame up \$7250
 Brown coated 7250
 Completed and accepted 7250
 Usual 35 days 7250
TOTAL COST, \$29,000
 Bond, yes; Sureties, Duncan McDuffie, C. C. Young; Forfeit, 10 day; Limit, 120 working days; Plans and specifications filed.

DWELLING
 (4369) 2915 AVALON AVE., Berkeley, Dwelling.
Owner—T. Marks, Berkeley.
Designer—W. C. Terry, 260 California St., Berkeley.
Contractor—Wm. Kat, 2430 Humboldt Ave., Oakland. \$12,200

DWELLING
 (4370) 1418 RANCROFT WAY, Berkeley, Dwelling.
Owner—Harold Stone, 1732 Highland Place, Berkeley.
Architect—E. Perdus 269 10th St., Oakland.
Contractor—E. Perdus, 269 10th St., Oakland. \$2500

ALTERATIONS
 (4371) 2440 DANA ST., Berkeley, Alterations.
Owner—Miss Davidson, 2519 College Ave., Berkeley.
Architect—None.
Contractor—Harry Smith, 2011 Francisco, Berkeley. \$1275

DWELLING
 (4372) 2222 GRANT ST., Berkeley, Dwelling.
Owner—Marie Ehret, 1821 8th St., Berkeley.
Architect—D. M. Crooks, 1761 Franklin St., Oakland. \$4000

DWELLING
(4373) 832 ADDISON ST., Berkeley.
Dwelling.
Owner—J. A. Lind, 225 Richmond, Oakland.
Architect—None.
Contractor—Sam Jackson, Wilson and Solano, Berkeley. \$2500

OFFICE
(4374) FIFTH AND CARLTON STS., Berkeley, Office.
Owner—Byron Jackson Pump Co., 5th and Carlton Sts., Berkeley. \$1500
Architect—None.

DWELLING
(4375) 2303 GRANT ST., Berkeley.
Dwelling.
Owner—Mrs. Foley, 2303 Grant St., Berkeley.
Architect—None.
Contractor—O. H. Butzke, 1315 66th St., Oakland. \$5000

DWELLING
(4376) 1124 SUTTER ST., Berkeley.
Dwelling.
Owner—Harold de Normandie 1136 Sutter St., Berkeley.
Architect—None.
Contractor—Roy Martin, 1616 25th Ave Oakland. \$4000

DWELLING
(4377) 1236 CHANNING WAY, Berkeley.
Dwelling.
Owner—John Rodda, 1117 Channing Way, Berkeley.
Architect—None.
Contractor—G. E. Knapp, 2512 Mathews St., Berkeley. \$2500

DWELLING
(4378) 99 MENLO PLACE, Berkeley.
Dwelling.
Owner—Emily Turner, Berkeley.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. \$4500

DWELLING
(4379) E SEVENTY-SEVENTH AVE., 611 N. E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Grace E. Hickok, 1133 46th Ave., Oakland.
Architect—None.
Contractor—K. F. Wightman, 1045 Victoria Ave., S. F. \$2100

DWELLING
(4380) E 107TH AVE. 49 S Alameda St., Oakland. 1-story 5-room dwelling.
Owner—H. F. Elliott, 926 E-18th St., Oakland.
Architect—None. \$3000

DWELLING
(4381) S ROSAL AVE. 139 E Warfield Ave., Oakland. 1-story 7-room dwelling.
Owner—S. O. Holmes, 1680 Chase St., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. \$5500

(4382) N ARIZONA ST. 440 E Maple Ave., Oakland. 1-story 5-room dwelling.
Owner—T. Gallagher, 3126 Wisconsin St., Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello Ave., Oakland. \$4000

DWELLING
(4383) W WESLEY AVE. 400 S Cleveland, Oakland. 1-story 6-room dwelling.
Owner—Matthew Klein, 5988 Canning St., Oakland.
Architect—None. \$5000

DWELLING
(4384) 2114 109TH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—C. Tollefsen, 5817 E-17th St., Oakland.
Architect—None. \$3100

DWELLING
(4385) 722 ARIMO AVE., Oakland. 1-story 7-room dwelling.
Owner—Louis W. Burroni, 1015 E-24th St., Oakland.
Architect—None.
Contractor—Chas. E. Bardwell, Jr., 522 Santa Ray Ave., Oakland. \$6000

DWELLING
(4386) 3029 EASTMAN AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—Robert M. Sharp, 2333 1/2 26th Ave., Oakland.
Architect—None.
Contractor—E. W. Dahl, 2145 E-24th St., Oakland. \$3650

DWELLING
(4387) E SIXTY-EIGHTH AVE., 110 N. Avenal Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—J. F. Patterson, 2901 68th Ave., Oakland.
Architect—None. \$5500

DWELLING
(4388) N BONA ST., 180 E Peralta Ave., Oakland. 1-story 5-room dwelling.
Owner—Storer & Talbot, 544 Chetwood St., Oakland.
Architect—None. \$3000

EXCAVATING, ETC.
(4389) PLOWS 9, 10, 11 AND 12, located near Hollis St. and Stanford Ave., Emeryville, Alameda County. Excavating, grading, leveling, concrete walls, concrete culvert and trolley rail system.
Owner—Pacific Gas & Electric Co., 17th and Clay Sts., Oakland.
Architect—Dept. of Engineering, P. G. & E. Co., 415 Sutter St., S. F.
Contractor—C. H. and A. W. Gorrill, Bacon Bldg., Oakland.
Filed Aug. 20, 1924. Dated Aug. 1, 1924 1st of each month, all work except trolley rail system, of value of labor and material furnished \$550
Usual 35 days \$250
For trolley rail system, \$158 per lineal ft. of completed track.
Bond, yes. Sureties, American Surety Co. of N. Y. Forfeit, none. Limit, Nov. 18, 1924. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded **Accented**
Aug. 14, 1924—LOTS 1 AND 2, SW 50 ft. of Lot No. 58 in Blk. L, Map of Laurel Grove Park, Brook Twp. A. Anderson to A. Anderson. Aug. 9, 1924
Aug. 14, 1924—2450 89TH AVE., Oakland. John Weber to whom it may concern. Aug. 14, 1924
Aug. 14, 1924—6008 SCENIC WAY, Oakland. D. W. Parks to whom it may concern. Aug. 14, 1924
Aug. 14, 1924—6200 MONADNOCK Way, Oakland. D. W. Parks to whom it may concern. Aug. 14, 1924
Aug. 14, 1924—LOT 24, MAP CHABOT Gardens, Oakland. Leonard Asumaa to whom it may concern. Aug. 13, 1924

Aug. 14, 1924—LOT 3, GUILFORD Place, Piedmont. Charles H. Newton to Alex. C. Washen. Aug. 9, 1924
Aug. 13, 1924—LOT 21, BLK. 2 Map Dwight Way Terrace, Berkeley. C. M. Norcross to whom it may concern. Aug. 13, 1924
Aug. 13, 1924—SE COR. MCKINLEY Ave. and Montclair Ave., Oakland. William F. Pfeiffer to William F. Pfeiffer. Aug. 10, 1924
Aug. 12, 1924—SW HOPKINS ST., distant thereon N 72 deg. 14 ft. W 617.30 ft. from intersection thereof with NW 1/4 of Fruitvale Ave. S 10 deg. 11 ft. W 130 ft. S 4 deg. 14 ft. E 152.20 ft. S 29 deg. 8 ft. E 5981 ft. to the most N cor. of tract described in agreement to sell bet. M. P. Long, et al., and George Rittenhouse, et al., May 22, 1924, official records T 120454, for point of beginning. SW 52.81 ft. NW 95.67 ft. NE 40 ft. SE 130.16 ft. to point of beginning. Ashley Smith to H. S. Foreman. Aug. 9, 1924
Aug. 15, 1924—N SIDE OF BERKELEY Way, 50 east of West St., Berkeley. O. L. Jones to G. F. Estey & Son. Aug. 8, 1924
Aug. 15, 1924—LOT 13, BLK. 7, Map of Key Route Terrace No. 2, Oakland Twp. Grace E. Stokes to Frank A. Stokes. Aug. 12, 1924
Aug. 15, 1924—N SIDE OF THE W side of County Road leading from Irvington to San Jose. Between County Road No. 2713 and Lands of Lawrence Millard, Washington Twp. Raymond B. Berbow to R. A. Griffin. Aug. 6, 1924
Aug. 15, 1924—LOT 3, CLAREMONT Crescent Court, Berkeley. Jas. W. Brazier to whom it may concern. Aug. 13, 1924
Aug. 15, 1924—LOT 3, BLK. 3, MAP of Central Piedmont Tract, Oakland Twp. Jay W. Stevens to Ephraim Field. Aug. 4, 1924
Aug. 16, 1924—PTN ELK 24 Map of Part of Plot 5, Kellerberger's Survey of Vicente and Dominga Peralta Rancho, Emeryville. Letts-Oliver Invest Co to H. J. Christensen. Aug. 14, 1924
Aug. 16, 1924—NO. 1019 RAMONA Ave., Albany. E. L. Hiteman to whom it may concern. Aug. 15, 1924
Aug. 16, 1924—S BANCROFT WAY 179.2 E Telegraph Ave., Berkeley. Wm Cranston Inc to whom it may concern. Aug. 16, 1924
Aug. 18, 1924—COM AT PT ON W lin of Broadway 170 S Seventeenth St. to NW 49-8% NE 33-1% SE 58-4 SW 32 to pt of com. H. C. W. Steinbeck to F. A. Muller. Aug. 9, 1924
Aug. 18, 1924—LOT 15, BLK. 3, Map Rock Ridge Place, Oakland. Albert E. Davies to whom it may concern. Aug. 16, 1924
Aug. 18, 1924—LOT 17, BLK. 4, Dwight Way Terrace, Berkeley. Susan E. Kendall to L. A. Peters. Aug. 15, 1924
Aug. 18, 1924—5833 PATTON ST., Oakland. L. L. Lucas to whom it may concern. Aug. 18, 1924

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets..... \$93,198,226.96
Capital, Reserve and Contingent Funds..... 3,900,000.00
Employees' Pension Fund..... 446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Aug. 14, 1924—SW SAN LOUIS ROAD, located thereon S 79 deg. 30 ft. E 111 ft. E 30 ft. from most E. corner of Lot 39, Map of Santa Clara County, a line of a circle to left with rad. of 1120 ft. a dist. of 75 ft. the long chord of which bears S 84 deg. 49 ft. S 43 in. E, SW 93.39 ft., NW 26.07 ft. S 43 in. E, SW 34 ft. to N. N. W. on one of arch to the right with rad. of 1245 ft. a dist. of 58.86 ft. the long chord of which bears N 32 deg. 44 ft. 47 in. W, NE 125.03 ft. to base of building. Part of Tract described in deed to Geo. Friend, Oct. 17-19, in 2310 Deeds, Page 247, Edwin A. Gorman to E. T. Brandlee, Aug. 15, 1924.

Aug. 15, 1924—SIDE OF ALAMEDA DRIVE, 120 W. of Seminary Ave., Oakland, N. Gaubert to N. Gaubert, Aug. 16, 1924.

Aug. 18, 1924—LOT 1, BLK. 24, Amended Map of Fairmount Park, Albany, Alameda Co. Mabel M. Brandlee to E. T. Brandlee, Aug. 18, 1924.

Aug. 19, 1924—BEG. AT A PT. ON N line of Excelsior Ave. dist. thereon E 74 ft. from E line of Bruce St. running thence E 30 ft. N 38 S 30 to pt. of beginning, Oakland, L. C. Fish to whom it may concern, Aug. 14, 1924.

Aug. 19, 1924—POR. LOTS 293 AND 294, Map of Crocker Highlands, Oakland Twp. A. K. Goodmumson to whom it may concern, Aug. 11, 1924.

Aug. 19, 1924—2457 HAVENS COURT Blvd., Oakland, Logan Richardson to Logan Richardson, Aug. 18, 1924.

Aug. 19, 1924—2019 LOS ANGELES ST., Berkeley, J. D. Coates to whom it may concern, Aug. 12, 1924.

Aug. 19, 1924—E ½ OF LOTS 1, 2, 3, 24 BEG. 23, Map of the property of L. M. Beaudry and G. Peladeau, Oakland, S. and Palmira Banchero to Davis and Sprinkling, Aug. 19, 1924.

Aug. 19, 1924—LOT 1, BLK. 2, MAP OF DE SKRYMAN and Milvia Sts., Berkeley, Roman Catholic Archbishop of S. F. to John P. Brennan, Aug. 19, 1924.

LIENS FILED

ALAMEDA COUNTY

Recorded
Aug. 14, 1924—N 100 FT. OF LOTS 1, 2, 3 and 4, Blk. 97, Northern Addition of Town of Clinton, Oakland, M. C. Hopkins vs. D. Berger, Charlotte Berger and Fred W. Borden, \$607.75

Aug. 14, 1924—LOTS 8 AND 9, 12 ft. 6 inches of Lot 7 and NW 12 ft. 6 inches of Lot 10, Blk. 97, Map of North Addition of the town of Brooklyn, Oakland, R. S. Thompson, (Thompson's Builders Harry (ware), vs. D. and Charlotte Berger and F. W. Borden, \$196.03

Aug. 14, 1924—LOT 112, MAP OF JOAQUIN MILLER ACRES, Oakland, Smith Hardware Co. vs. J. V. Matteson, \$106.15

Aug. 14, 1924—LOT 3, BLK. C, MAP of Hopkins Terrace No. 3, Oakland, G. Leone vs. J. Bjorklund and Bernard Carpenter, \$106.00

Aug. 14, 1924—LOT 3, BLK. C, MAP of Hopkins Terrace Number Three, Oakland, Not Given vs. J. Bjorklund and Bernard Carpenter, \$330.00

Aug. 14, 1924—LOT 112, JOAQUIN MILLER ACRES, Oakland, H. B. Humm vs. Realty Syndicate Co. & J. V. Matteson, \$117.50

Aug. 14, 1924—LOT 112, MAP JOAQUIN MILLER ACRES, Oakland, S. M. Stuebaker vs. Realty Syndicate Co. & J. V. Matteson, \$474.00

Aug. 14, 1924—SW NEWCOMB 100 & 85 from 100 SW Newcomb and SW Mendel, SE 2, S. W. 100, The Greater City Lumber Co. vs. Emma E. Pontet and McKellar & Son, \$707.25

Aug. 14, 1924—LOT 112 JOAQUIN MILLER ACRES, Edward Sommerstrom & Hugo Sommerstrom as Clinton Mill & Lumber Co. vs. Realty Syndicate Co. and J. V. Matteson, \$85.00

Aug. 14, 1924—LOT 112 JOAQUIN MILLER ACRES, Clinton G. Langum vs. Realty Syndicate Co. and J. V. Matteson, \$85.00

Aug. 15, 1924—LOT 12 BLK. K, Map of Toler Heights, Oakland, Sunset Lumber Co. vs. R. A. Smith, \$563.80

Aug. 15, 1924—POR. OF LOT NO. 84, Map of the Ranchos of Vicente & Domingo Peralta also a por. of lots 8 and a por. of an unincumbered lot adjacent thereto in Blk. E map of Hopkins Terrace, Map No. 3, Berkeley, Berkeley Electric Co. vs. R. Barrett, Josephine M. Morgan Barrett, E. Teicheria Designers & Builders Co., \$120.75

Aug. 15, 1924—LOT 10, BLK. C, Map of Lakewood Park, Oakland, Piedmont, Oakland Building Material Co. vs. Ethel Schleason, J. H. Norlen, A. Grevstad, \$343.07

Aug. 15, 1924—LOT 13 AND 10 of LOT 18 HILLSIDE PARK TRACT, Piedmont, A. J. Lackstrom, Joe Alves (Alves & Lackstrom) vs. Geo. W. Eliason, \$250.00

Aug. 15, 1924—LOT 68, Map of the property of the Capital Homestead Association, Oakland, Oakland Lime and Cement Co. vs. Penelope M. Jamieson, J. K. Knyor, \$35.35

Aug. 15, 1924—ALL OF LOT 8 AND 9 and S E 7 1/2 ft. Lot 7 and NW 12 1/2 ft. of Lot 10, Blk. 7, Map of the northern addition to the town of Brooklyn, M. P. Covey and J. Ferrieria vs. D. Berger & Charlotte Berger and F. W. Borden and J. C. Knust, \$37.60

Aug. 15, 1924—333 MICHIGAN AVE., Piedmont, Superior Tile & Product Co. vs. W. King and G. W. Eliassen, \$117.50

Aug. 15, 1924—533 MORAGA AVE., Piedmont, A. Hernandez vs. G. W. Eliassen and W. King, \$240.00

Aug. 15, 1924—5833 PATTON RD., Oakland, Rhodes-Jamieson Co. vs. L. L. Lucas and Arthur Jines, \$50.00

Aug. 15, 1924—5833 PATTON RD., Oakland, Rhodes-Jamieson Co. vs. L. L. Lucas and Arthur Jines, \$62.50

Aug. 15, 1924—5827 PATTON RD., Oakland, Rhodes-Jamieson Co. vs. L. L. Lucas and Arthur Jines, \$55.00

Aug. 16, 1924—N 100 LOTS 1, 2, 3 and 4, Blk. 97, Map of Northern Addition of Town of Brooklyn, R. W. Shannon, T. A. Douglass and Mrs. R. W. Shannon vs. San Francisco Lumber Co) vs. D. Berger, Charlotte Berger, Contractors' Exchange, Borden & Knush and Fred F. Borden, \$137.31

Aug. 16, 1924—NO. 2856 HOPKINS ST., Oakland, P. E. O'Hair & Co. (as Oakland Plumbing Supply Co.) vs. Roy Conner, \$142.97

Aug. 16, 1924—NO. 2856 HOPKINS ST., Oakland, P. E. O'Hair & Co. (as Oakland Plumbing Supply Co.) vs. Roy Conner, \$142.96

Aug. 16, 1924—BEG. AT THE MOST S corner of that certain parcel of land conveyed by W. N. Anderson et al by deed dated Feb. 4, 1903, recorded in Liber 872 of Deeds, Page 419 Alameda County records running thence along the S line of said land NW 192.49 ft. thence SW 100 ft. SE 192.49 ft. NE 100 ft. to point of commencement, Walter Johnston vs. Joseph E. Byron, \$73

Aug. 16, 1924—NO. 2854 HOPKINS, Oakland, P. E. O'Hair & Co. (as Oakland Plumbing Supply Co.) vs. Roy Conner, \$142.96

Aug. 16, 1924—LOTS 8 AND 9 AND S E 7 1/2 Lot 7 and NW 12 1/2 Lot 10, Blk. 97, Map of Northern Addition to Town of Brooklyn, Oakland, L. C. O'Connell, \$250

Aug. 16, 1924—LOT 112, BLK. K, \$607.75 vs. D. and Charlotte Berger, F. W. Borden and J. C. Knust, \$142.97

Aug. 16, 1924—LOTS 8 AND 9 AND S E 7 1/2 Lot 7 and NW 12 1/2 Lot 10, Blk. 97, Map of Northern Addition to Town of Brooklyn, F. A. Speck vs. D. and Charlotte Berger, \$100

Aug. 16, 1924—E 60 LOT 1, BLK. 6, Map of Daley's Scenic Park Tract, Berkeley, Berkeley Sash & Door Co. vs. W. E. Kyle, \$804

Aug. 18, 1924—5036 BOND ST., Oakland, Neighbor's Lumber Yard (a corporation), vs. Victor Valugo and J. A. Stanley, \$12.00

Aug. 18, 1924—PAIRED, (1) Beginning at a point on W line of Patton Street 130 ft. from S line of Chabot Road, running thence S 10 ft. W 120 ft. N 40 ft. E 120 ft. to pt. of beg. Parcel (2) Beginning at a point on W line of Patton St. 170 ft. S from S line of Chabot Road, running thence S 40 ft. W 120 ft. N 40 ft. E 120 ft. to point of beginning. Parcel (3) Beginning at a point on W line of Patton St. dist. 210 ft. S from S line of Chabot Road, running thence S 40 ft. W 120 ft. N 40 ft. E 120 ft. to pt. of beginning. E. K. Wood Lumber Co. vs. L. Lucas and A. Jines, Parcel \$600; parcel 2, \$330.00; parcel 3, \$42.00.

Aug. 18, 1924—LOTS 8 AND 9 AND SE 7 1/2 ft. of Lot 7 and NW 12 1/2 ft. of Lot 10, Blk. 97, map of the Northern Addition of the town of Brooklyn, Oakland, H. D. Edmonson vs. D. Berger, \$718.10

Aug. 18, 1924—LOT 16 AND POR. LOT 17, Blk. A, Map of Country Club Acres, Oakland, William Burger vs. Realty Syndicate Co., Wallace Clark and Co. M. Campbell, \$291.00

Aug. 18, 1924—LOT 3, BLK. D, Map No. 3 of the Roberts and Wolfskill Tract, Oakland Twp. George Downie vs. M. E. Mohr and O. H. Mohr, \$560.00

Aug. 18, 1924—806 NORTHAVALLE near Trebble Glen Road, Oakland, D. O. Bean vs. J. E. Burns, McWethy and Greenleaf, \$37.50

Aug. 19, 1924—E 60 FT. OF LOT 1, Blk. 6, Map of Daley's Scenic Park, L. B. Hull vs. William B. Kyle and Davidson & Nielsen, \$165.06

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE
W S-SIXTEENTH ST., bet. William and Reed Sts., San Jose, being all E. 2 and 1/2 ft. of Lot 25, Naglee Terrace, all work for 10-story frame residence and garage.
Owner—W. M. Sonthiener, 160 Sierra Ave., San Jose.
Architect—Charles S. McKenzie, Bank Building, San Jose.
Contractor—S. De Cola, 511 E-Empire St., San Jose, and E. E. Weldon, 115 N-33rd St., San Jose.
Filed Aug. 13, '24. Dated Aug. 12, '24.
As work progresses, 75%
Usual 35 days. TOTAL COST, \$12,843
Bond, \$7000. Sureties, Wm. F. Serpa and Joseph Russo. Limit, 30 working days from Aug. 12, 1924. Forfeit, none. Plans and specifications filed.

BUILDING
NW SAN FERNANDO AND FIFTH STS., San Jose. All work except plumbing, heating and electrical work for Catholic Women's Center building.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
Contractor—A. K. Morrison and K. Morrison (as Morrison Bros.), Santa Clara, Calif.
Filed Aug. 13, '24. Dated July 30, '24.
As work progresses, 75%
When completed, 25%
TOTAL COST, \$98,999
Bond, \$49,500. Surety, New Amsterdam Casualty Co. Limit, completed on or before June 1, 1925. Forfeit, none. Plans and specifications filed.

DWELLING
HAMILTON AVE near the intersection of Hale and Hamilton Aves., Palo Alto. Plumbing, sewer and sheet metal work for dwelling.
Owner—G. D. Clark, Palo Alto.
Architect—Warren Skillings, Garden City Bank Bldg., San Jose.

Contractors—The Minton Co., Palo Alto
Filed Aug. 12, '24. Dated Aug. 6, '24.
Roughing done on.....\$1985
Completed and accepted.....1985
TOTAL COST, \$3970
Bond, \$1985. Sureties, Matthee Minton
and W. D. Wardell, Limit 120
working days from July 28, 1924. Forfeit,
none. Plans and specifications filed.

HOME
ELEVENTH AND MARTHA STS., San
Jose. All work for lighting fix-
tures.
Owner—Home of Benevolence, 11th &
Martha Sts., San Jose.
Architect—Clarence A. Tantau, 251
Kearny St., San Francisco.
Contractor, Roy M. Butcher, 98 S-Wil-
lard St., San Jose.
Filed Aug. 9, '24. Dated Aug. 9, '24.
TOTAL COST, \$2289
Bond, limit, forfeit, none. Specifications
only filed.

BUNGALOW
LOT 16 BLK 3, Glen Ridge Terrace,
San Jose. All work for one-story
4-room bungalow.
Owner—Fred P. Blonden.
Architect—Wolfe & Higgins, Auzerais
Bldg., San Jose.
Architect—L. P. Larsen, 90 W-Home
St., San Jose.
Filed Aug. 11, '24. Dated Aug. 11, '24.
Frame up.....\$750
1st coat plaster on.....750
Completed and accepted & notice
of completion filed.....750
Usual 35 days.....750
TOTAL COST, \$3000
Bond, limit, forfeit, none. Agreement
filed Aug. 11, 1924.

BUNGALOW
SE EVERETT AVE 200 SW Webster
St. SW on Everett 50 SE 190 NE 50
NW 190 to beg. being part of Block
36, Palo Alto. All work for four-
room stucco bungalow with base-
ment.

Owner—Sherman F. Schomberg, 518
Everett St., Palo Alto.
Architect—None.
Contractor—G. M. Bernard, County of
Santa Clara.
Filed Aug. 11, '24. Dated Aug. 11, '24.
Building completed.....\$3200
TOTAL COST, \$3200
Bond, \$3200. Sureties, The Minton Co.
Limit, 90 working days from Aug. 11,
1924. Forfeit, none. Plans and specifi-
cations filed.

RESIDENCE
1851 ACHE ON X SARATOGA AVE nt.
J. Smith Tract in Quito Rancho,
near Saratoga. All work for one-
story frame residence.
Owner—Harry E. Smith, County of
Santa Clara.
Architect—None.
Contractor—G. M. Latta, County of
Santa Clara.

Frame up.....14
1st coat plastering on.....14
Completed and accepted.....14
Usual 35 days.....14
TOTAL COST, \$6800
Bond, \$3400. Sureties, J. L. Pierce and
Wm. F. Serpa. Limit, 90 days from
Aug. 8, 1924. Forfeit, none. Plans and
specifications filed.

BUNGALOW
LOT 14 Ramona Subdivision, Santa
Clara County. All work for five-
room stucco bungalow and garage.
Owner—Louis Emig.
Architect—Wolfe & Higgins, Auzerais
Bldg., San Jose.
Contractor—E. L. Wolfe, 911 Clintonia
St., San Jose.
Filed Aug. 7, '24. Dated Aug. 6, '24.
Frame up.....\$28.50
1st coat plaster on.....28.50
On completion.....28.50
Usual 35 days.....28.50
TOTAL COST, \$3714.00
Bond, \$1857. Sureties, B. J. Quimet &
F. D. Wolfe. Limit, 90 days from Aug.
7, 1924. Forfeit, none. Plans and
specifications filed.

RESIDENCE
SE COLERIDGE AVE AND EMERSON
St., Palo Alto. All work for one-
story and basement frame resi-
dence.
Owner—Frank W. Erlin, 465 Lowell
St., Palo Alto.
Architect—W. H. Crim Jr., and Hamil-
ton Murdock, 425 Kearny St., S. F.

Contractor, J. W. Carpenter, 358 Ten-
nyson St., Palo Alto.
Filed Aug. 14, '24. Dated Aug. 11, '24.
Frame up.....\$4183.75
Brown coat plaster on.....4183.75
Brown coated inside and out.....4183.75
Completed and accepted.....4183.75
Usual 35 days.....4183.75
TOTAL COST, \$16,734.75
Bond, \$8369. Sureties, John Duddell
and Joseph A. Jury. Limit, 90 days
from Aug. 14, 1924. Forfeit, none.
Plans and specifications filed.

LOT 1 BLK N South Gate, Palo Alto.
All work for two-story frame resi-
dence and detached garage.
Owner—Guy H. Preston, 240 Cowper
St., San Jose.
Architect—None.
Contractor—S. A. Born Bldg. Co.,
Glazenwood, San Mateo.

Filed Aug. 18, '24. Dated Aug. 18, '24.
Frame up.....\$2342
Brown coat plaster on.....2342
Standing finish in place.....2342
Completed and accepted.....2342
Usual 35 days.....2342
TOTAL COST, \$11,710
Bond, none. Limit, 90 days from Aug.
18, 1924. Forfeit, none. Plans and
specifications filed.

ADDITION
NO. 270 EMORY ST., San Jose. All
work for two-story frame addition
to dwelling.
Owner—Carlo Massa, Premises.
Architect—W. H. Higbie, Porter Bldg.,
San Jose.
Contractor—Geo. E. Baggott, 553 S-
Sixth St., San Jose.
Filed Aug. 16, '24. Dated Aug. 16, '24.
Frame addition erected.....\$776.25
Plastering completed.....776.25
Work completed.....776.25
Usual 35 days.....776.25
TOTAL COST, \$3105.00
Bond, \$2000. Sureties, J. C. Baggott &
E. W. Schnabel. Limit, Nov. 15, 1924.
Forfeit, none. Plans and specifications
filed.

ALTERATIONS, \$1975; Post and Vine
Sts., San Jose; owner, R. Rispond;
contractor, G. Gaulier.

COTTAGE, four-room, \$3000; Short-
ridge near 33rd St., San Jose; owner,
G. H. and R. C. Douglass, White
Road, San Jose.
Filed Aug. 14, '24. Dated Aug. 14, '24.
Frame up.....\$4455
Julian St., near 18th, San Jose; owner, H. B.
Hartwig, Premises; contractor, D.
H. Main, Alma, Calif.

COTTAGE, 5-room, \$3750; Second St.
near Jackson San Jose; owner, J.
Gollner, 824 N-2nd St., San Jose;
contractor, J. B. Rucker, Menker
Ave., San Jose.

COTTAGE, 5-room, \$3400; Hollywood
near 1st St., San Jose; owner, V.
Sallamine, Premises; contractor,
Sam Girace, 117 Hollywood St., San
Jose.

COTTAGE, 6-room, \$3950; Taylor St.
near San Pedro, San Jose; owner,
D. McKellop, 354 Russ Bldg., San
Francisco.

COTTAGE, 6-room, \$5500; N 17th near
Julian St., San Jose; owner, M. Vaso
& Sons, 17th and Julian Sts., San
Jose; architect, Wolfe & Higgins,
Auzerais Bldg., San Jose; contractor,
L. C. Rossi, 965 Keller Ave.,
San Jose.

ALTERATIONS, \$1500; No. 240 N-15th
St., San Jose; owner, Josephine
Maginni, Premises; contractor, J.
C. Thorp, Auzerais Bldg., San Jose.

RESIDENCE, 5-room, \$2450; Edwards
St., near Orchard, San Jose; owner,
T. Matranga, 930 Orchard St.; San
Jose; designer and contractor, V.
Caminetti, 975 Vine St., San Jose.
ALTERATIONS and repairs, \$1900; No.
141 Cedar St., San Jose; owner, J. S.
Smith, Premises.

ALTER RESIDENCE into apartments,
\$4075; No. 455 S-Tenth St., San
Jose; owner, A. Bettli, contractor,
E. L. Slaght, 752 S-Ninth St., San
Jose.

BUSINESS building, one-story, \$14,500
Santa Clara and Fifth Sts., San
Jose; owner, C. Lotz, Berkeley, Cal.
architect, Einder & Curtis, 35 W-San
chicht, San Jose; contractor,
Chas. Thomas, 127 Clayton St., San
Jose.

RESIDENCE, 5-room, \$4250; 31st St.
near St. John, San Jose; owner,
Real Estate Sub. Div. Co., 1430 St.
John St., San Jose.

ALTERATIONS, \$1000; First and St.
John Sts., San Jose; Lessnes, The
Rucker Co., 2nd and Santa Clara
Sts., San Jose; architect, Wolfe &
Higgins, Auzerais Bldg., San Jose.
COTTAGE, 5-room, \$5000; Fuller St.
near Prevost, San Jose; owner, T.
F. Kerr.
COTTAGE, 4-room, \$3975; Mastic and
Humboldt Sts., San Jose; owner,
Jas. Schwein, Premises; contractor,
A. Himtz, 926 S-Eighth St., San
Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded.....Accepted
Aug. 5, 1924—THAT CERTAIN BLK
in San Jose bounded by 11th and
12th Sts., Martho and Bester Sts.,
San Jose. The Board of Trustees
and Directors of the Home of Be-
nevolence to San Jose Hardware
Co., July 8, 1924; Snyder-Du Brutz
Co., July 21, 1924; Herschbach &
Sciarretto, Inc., July 8, 1924
Aug. 6, 1924—PTN BLK 30, Vineyard
Homestead Ass'n, San Jose. Walter
E. and Lela E. Olesby to whom it
may concern.....Aug. 6, 1924
Aug. 6, 1924—LOT 4 Delwood Park,
San Jose. O. L. Anderson and A. R.
Dias to whom it may concern.....
.....August 2, 1924
Aug. 8, 1924—SRDYNS 61 AND 62
Blk 49, Palo Alto. Swan August
and Annie Lydia Carlson to whom
it may concern.....Aug. 6, 1924
Aug. 9, 1924—NO. 525 CHANNING
Ave., Palo Alto. E. L. Beach to
whom it may concern.....Aug. 8, 1924
Aug. 9, 1924—SE TENNYSON AVE 90
NE Waverly St. NE 60x100 Ptn
Lots 16 and 17 Blk 22, Seale Addn,
Palo Alto. Florian J. Senelard Gib-
son to whom it may concern.....
.....Aug. 6, 1924
Aug. 11, 1924—N SANTA CLARA ST.
35 E Fourth E 40x90 Ptn Lot 4 Blk
1, Observatory View Park, San
Jose. Lyric Decker to whom it
may concern.....Aug. 8, 1924
Aug. 11, 1924—PTN LOT 12 BLK 13,
Chapman & Davis Tract, San Jose.
Abel B. and Anna Bergman John-
son to whom it may concern.....
.....August 11, 1924
Aug. 11, 1924—ELVEVENTH AND
Martha Sts., San Jose. Trustees of
the Home of Benevolence to Theo
F. Hupler.....Aug. 8, 1924
Aug. 12, 1924—LOT 39 Marguerite
Tract No. 2. Rosario Rubino to
whom it may concern.....Aug. 9, 1924
Aug. 12, 1924—LOT 33, Los Altos
Country Club Properties, Los Altos
Mae Nossen to whom it may con-
cern.....Aug. 6, 1924
Aug. 12, 1924—PLOT 48 ARBOR AV.
Los Altos Country Club Properties
Inc., Los Altos. Max Miller to
whom it may concern.....Aug. 6, 1924
Aug. 14, 1924—LOT 21, Delwood
Park, San Jose. O. L. Anderson
and A. R. Dias to whom it may con-
cern.....Aug. 15, 1924
Aug. 15, 1924—SHASTA AVE bet.
Sequoia and Tillman Ave being E
40 ft. of Lot 14 Blk 13, Hanchett
Residence Park, San Jose. C.
Samuelson to whom it may concern
.....Aug. 12, 1924
Aug. 15, 1924—LOT 9 Hanchett Court
San Jose. B. J. Smith to whom it
may concern.....Aug. 15, 1924
Aug. 15, 1924—LOT 81, Hanchett
Court, San Jose. B. J. Smith to
whom it may concern.....Aug. 15, 1924
Aug. 15, 1924—NW MOORE AND
The Alameda Ptn Lot 2 Blk 8,
Chapman & Davis Tract, San Jose.
F. C. Arthur to The Minton Co.....
.....August 13, 1924
Aug. 14, 1924—N 40 LOT 12 BLK 24,
Heach's Addition, San Jose. Har-
land J. Skinner to whom it may
concern.....April 8, 1924
Aug. 5, 1924—LOT 18 BLK 6 Hanchett
Residence Park, San Jose. Wm G.
and Margaret N. Pengilly to whom
it may concern.....Aug. 15, 1924
Aug. 5, 1924—LOT 2 BLK 1, Cherry-
Land Tract, San Jose. J. L. Carter
to whom it may concern.....Aug. 4, '24
Aug. 5, 1924—COR. MELVILLE AVE
and Emerson St., San Jose. 2d Sec-
and Seale Addn, Palo Alto. Eliza-
beth McJ Tyng to whom it may
concern.....July 23, 1924

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

BUILDING
LOT 1 AND E 25 LOT 2 BLK 8 Pacific
 Manor, Stockton. All work for
 building.
 Owner, Charles M. Dennis.
 Architect—None.
 Contractor—J. H. Carpenter.
 Filed Aug. 19, '24. Dated Aug. 13, '24.
 TOTAL COST, \$7,000.
 Bond, none. Limit, 90 working days.
 Forfeit, plans and specifications, none.

DWELLING and garage, \$5200; No. 137
 E-Pine St., Stockton; owner, A. C.
 Dahl, 2081 E-Market St., Stockton.
 DWELLING and garage, \$3500; No. 1760
 S-Sutter St., Stockton; owner, T.
 McCoy, 1847 S-San Joaquin St.,
 Stockton.
 DWELLING, \$1000; No. 162 Pacific
 Way, Stockton; owner, C. M. Den-
 nis, contractor; J. H. Carpenter.
 ALTERATIONS, \$10,000; No. 333 North
 American St., Stockton; owner, A.
 L. Branch, Premises.
 DWELLING and garage, \$5000; No.
 1262 W-Elm St., Stockton; owner,
 J. Olivo; contractor, V. D. Vaio, 702
 N-Angelaut St., Stockton.
 BASEMENT and floor, \$4500; No. 417-
 423 E-Miner St., Stockton; owner,
 W. E. French, 710 W-Oak St.,
 Stockton.

GROCERY store, \$1300; No. 402 S-
 Orange St., Stockton; owner, B.
 Arbau, 501 S-Lincoln St., Stockton.
 APARTMENT house, \$14,000; No. 712
 E-Lindsay St., Stockton; owner, H.
 F. Knutzen, 720 E-Sonora St.,
 Stockton; contractor, Carl Nelson,
 Lindsay and American Sts., Stockton.

GASOLINE storage tank, \$10,000; No.
 607 E-Main St., Stockton; owner,
 Associated Oil Co., 40 S-San Joa-
 quin St., Stockton.

DWELLING (5) and (5) garages,
 \$3800 each; No. 610-626-634-642-650
 S-Regent Sts., Stockton; owner, E.
 F. Goodrum, First National Bank
 Bldg., Stockton; contractor, J.
 Plesano, Savings & Loan Bldg.,
 Stockton.

DWELLING & garage, \$3800; No. 1865
 N-Edison St., Stockton; owner, E.
 Pooley, 518 S-Grant St., Stockton;
 contractor, J. S. Saccione, 1418 E-
 Lindsay St., Stockton.

DWELLING, \$6500; No. 141 W-Knoles
 Way, Stockton; owner, Mrs. E. M.
 Clark; contractor, D. C. Moore, 1161
 N-Sigurn St., Stockton.

DWELLING, \$1400; No. 2440 E-Scotts
 Ave., Stockton; owner, George E.
 Lesich; contractor, O. A. Lindberg,
 448 N-American St., Stockton.

DWELLING and garage, \$4800; No. 117
 W-Adams St., Stockton; owner,
 Sterling Bldg. Co., 105 Sacramento
 Blvd., Stockton.

ALTERATIONS, \$1700; No. 1427 E-
 Hazelton St., Stockton; owner, Ben
 Dabane, Premises.

DWELLING and garage, \$3500; No. 10
 E-Ash St., Stockton; owner, A.
 Peirano, 1059 N-Ophir St., Stockton.

APARTMENT house, \$10,000; No. 707
 N-San Joaquin St., Stockton; own-
 er, Diano Wallin and L. Zimmer-
 man; contractor, L. S. Feletz, 619
 E-Miner St., Stockton.

DWELLING and garage, \$3600; No. 125
 E-Ellis St., Stockton; owner, R. S.
 Stuart; contractor, A. O. Tyler;
 2102 N-Hunter St., Stockton.
 DWELLING, \$1200; No. 1242 W-Rose
 St., Stockton; owner, W. G. By-
 water.

DWELLING and garage, \$3800; No.
 1865 N-Edison St., Stockton; own-
 er, E. Pooley, 518 S-Grant St.,
 Stockton; contractor, J. C. Saccione,
 1418 E-Lindsay St., Stockton.

STEEL plumbing, electrical work for
 Civic Memorial Auditorium, \$112,
 084; No. 501 N-Center St., Stockton;
 owner, City of Stockton.

BOOK store, \$3000; No. 3501 N-Madi-
 son St., Stockton; owner, College
 of The Pacific, 125 S-American St.,
 Stockton; contractor, P. M. Liscom,
 1234 N-Baker St., Stockton.

DWELLING and garage, \$1200; No. 1818
 Elizabeth St., Stockton; owner, A.
 M. Tunnell.

DWELLING and garage, \$4400; No.
 1216 W-Vine St., Stockton; owner,
 Mrs. M. Stinbecker; contractor,
 Chris. Thim, 1118 W-Elm St.,
 Stockton.
 DWELLING and garage, \$5000; No. 609
 N-Regent St., Stockton; owner,
 "Chas. C. Pasma.
 DWELLING and shad, \$3000; No. 158
 W-Fourth St., Stockton; owner,
 William Farley; contractor, A. Bar-
 ker, 835 E-Webster St., Stockton.
 DWELLING and garage, \$4800; No. 318
 E-Montgomery St., Stockton; own-
 er, Stockton Land Assn., 36 S-San
 Joaquin St., Stockton; contractor,
 Salfeld Bros., 312 E-Sonoma Ave.,
 Stockton.
 DWELLING, \$1000; No. 2366 E-Church
 St., Stockton; owner, H. Leisering,
 118 Sharon St., Stockton.
 GARAGE & storehouse, \$1015; No. 233
 E-Cleveland St., Stockton; owner,
 H. E. Becker, 329 E-Cleveland St.,
 Stockton; owner, R. J. Polson.
 PORCH roofs, \$2400; No. 1101 S-San
 Joaquin St., Stockton; owner, Bd.
 of Education, Stockton; contrac-
 tor, Powell & Medbury, 613 W-
 Flora St., Stockton.
 ALTERATIONS, \$200; No. 329 Hamp-
 ton Ave., Stockton; owner, Mrs. E.
 Manuel, 341 E-Hampton St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
 Aug. 6, 1924—LOT "G" BLK 84, South
 of Mormon Channel, Stockton.
 David Newman to E. McGregor.
 July 30, 1924
 Aug. 12, 1924—N 1/2 LOTS 9 AND 11
 Blk 103 W of Center St., Stockton.
 George F. Schuler Jr. to John
 Cavanagh.
 Aug. 11, 1924
 Aug. 12, 1924—LOT 3 BLK 3 Map of
 Yosemite Terrace being shdvn of
 that portion of the City of Stockton
 1 L Van Vlear to 1 L Van Vlear.
 Aug. 8, 1924

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$3000; W
 Third St., bet. Ripley and Pennsylv-
 ania Sts., Richmond; owner, A.
 Pinoli, 1431 Mason St., San Fran-
 cisco.
 DWELLING, one-story frame, \$2000;
 W 33rd St., bet. Nevin and Barrett,
 Richmond; owner, A. Banducci, 113
 3rd St., Richmond.
 DWELLING, one-story frame, \$3500; S
 Roosevelt St., bet. 10th and 11th
 Sts., Richmond; owner, A. J. Ny-
 strom, 120 4th St., Richmond.
 DWELLING, one-story frame, \$3500; S
 Gaynor St., bet. 20th and 23rd Sts.,
 Richmond; owner, N. E. Anderson
 2030 Roosevelt St., Richmond.
 BRICK addition to store, \$3500; SE
 Eleventh and Macdonald Ave.,
 Richmond; owner, G. W. Cushing,
 20th and Roosevelt Sts., Richmond;
 contractor, J. A. Fagestrom, 1135
 Chanslor St., Richmond.

LIENS FILED

FRESNO COUNTY

Recorded Amount
 Aug. 13, 1924—S 12 PT. OF LOT 12,
 all Lk 13 N 8 ft. Lot 14, High Ad-
 Annex No. 5, Fresno, T-O Paint
 Store vs Geo E May.....\$78
 Aug. 13, 1924—LOT 11 N 13 ft. Lot
 12, High Ad Annex No. 5, Fresno.
 T-O Paint Store vs Geo E May.....\$75
 Aug. 14, 1924—LOT 8 BLK 4, Pinedale
 Pinedale Elec Co vs W W & Elma
 Adams.....\$71
 Aug. 14, 1924—Same vs Same.....\$150
 Aug. 14, 1924—LOTS 42 & 43, Acacia
 Park, Fresno, J D Halstead Lum-
 ber Co vs J W Meux, Geo and Cora
 G Whitney.....\$285
 Aug. 18, 1924—LOT 2, Lot 2 BLK 4
 Hazelwood, J D Halstead Lum-
 ber Co vs J W Bandy.....\$3007
 Aug. 16, 1924—LOTS 1 TO 4 BLK 2,
 Oakwood, Fresno, Marys Plan-
 ing Mill vs Antone Francke.....\$403

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 Aug. 5, 1924—LOT 10 BLK 1, Hester
 Park, San Jose, Harry Johnson
 and M Shepard vs Isadora A.
 Fowler.....\$50
 Aug. 6, 1924—LOT 14, Shdvn of Lot
 2, Taaffe Partition and all lots
 19, 20 and 21, Shdvn of Lot 3,
 Taaffe Partition, San Jose, O P
 Mills vs Freda O Shumado.....\$1397
 Aug. 11, 1924—17.10 ACRES PTS. of
 Lot 39 Shdvn Lot 2 and part 1,
 Taaffe Partition in Reho La Pur-
 rissima Concepcion except 10 acres,
 San Jose, O P Mills vs H Smith.....\$61.50
 Aug. 11, 1924—25 ACRES on E side
 of Grantroad S of Fremont Ave,
 part Lots 11 to 15, incl and all 12
 Emerson Tract, San Jose, Wallace
 E Bland vs Margaret E Sergeant.....\$1338.30
 Aug. 12, 1924—BEING LOT 26 and
 part Lot 27 Blk 7 Range 2 West,
 Mace's SW Addn., San Jose, Art
 Fixture Shop vs Frank Lauricelli.....\$169
 Aug. 12, 1924—PART LOT 4 Blk 6,
 University Grounds, San Jose, Art
 Fixture Shop vs R C Washburn.....\$61.80
 Aug. 14, 1924—PART BLK 1, North
 Range 1, East Town of Santa
 Clara, Sunset Lumber Co vs A F
 and Refina Goncalves.....\$81.10
 Aug. 14, 1924—12 ACRES adjoining
 Alum Rock Park, San Jose, Sun-
 set Lumber Co vs Florence Burke.....\$263.30
 Aug. 11, 1924—LOT 76 Schell Subd
 No. 2, San Jose, Sunset Lumber Co
 vs Wm F and Lena M Pogue.....\$65.50
 Aug. 14, 1924—LOT 70 Schell Sub-
 division No. 2, San Jose, Sunset
 Lumber Co vs Wm F and Lena M.
 Pogue.....\$81.30
 Aug. 15, 1924—PTN LOT 4 BLK 4
 Rancho 10, South, San Jose, D H
 Main and S C Evans (as Main &
 Evans) vs Mabel Wells Parker
 Dorsey.....\$917.91

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 Aug. 15, 1924—PTN LOT 10 BLK 2,
 San Jacinto Subdivision, San Jose,
 Pacific Manufacturing Co to Eliza-
 beth J Hickey.....\$393

BUILDING CONTRACTS

FRESNO COUNTY

ALTERATIONS, \$3000; No. 495 M St., Fresno; owner, A. J. Kenadyan, Fresno; contractor, Jolly & Jolly.
 DWELLING, \$7500; No. 835 Vassar St., Fresno; owner, W. I. Baird; contractor, Shorb & Neads, 563 McKinley St., Fresno.
 DWELLING, \$2000; No. 3103 El Monte Way, Fresno; owner, Mrs. M. Simonian; contractor, Aram Mossessian, 626 O St., Fresno.
 ALTERATIONS, \$1000; No. 311 C St., Fresno; owner, C. O. Bick; contractor, Geo. Christian, 53 G St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Aug. 14, 1924—LOTS 17, AND 18 E 10
 17 Lot 16, Bk 2, Fresno Heights
 No. 2, Fresno. C. D. Edgerly to D. M. Benton.
 Aug. 14, 1924—LOTS 35 AND 36 Bk 16, College Park, Fresno. S. C. Ramage to whom it may concern.
 Aug. 16, 1924—LOTS 15 AND 16, Prichard Place, Fresno. Fresno Bldg. Material Dealers Assn. to whom it may concern.
 Aug. 16, 1924—F. H. AND VENTURA Sts., Fresno. California Packing Co. to F. J. Stone.

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW ON SEMINARY AVE. HOMESTEAD near San Mateo. All work for one bungalow.
 Owner—Joseph Marante & Laura Marante.
 Architect—None.
 Contractor—Antonio N. Moreles.
 Filed Aug. 4, 1924. Dated Aug. 2, 1924.
 Frame up \$542.50
 Plastered 592.50
 Completed and accepted 592.50
 Usual 35 days 592.50
 TOTAL COST, \$2370
 Bond, \$1200; Sureties, Antonio R. Morales, Jose V. Sora; Forfeit, Limit, none; Plans and specifications filed.
 STORE & OFFICE LOT 5 BLOCK 133 SOUTH SAN FRANCISCO. All work for 2 reinforced concrete store and office bldgs.
 Owner—J. W. Martin Co., So San Francisco.
 Architect—E. L. Norberg, 593 Market St., San Francisco.
 Contractor—R. C. Iickie, South San Francisco.
 Filed Aug. 4, 1924. Dated July 31, 1924.
 Floor joists in place \$6207
 Floor joists 2nd story 6207
 Roof rafters in place 6207
 Completed and accepted 2208
 Usual 35 days 8276
 TOTAL COST, \$23,106
 Bond, \$16,553, \$3276.50; Sureties, Hartford Accident & Ind. Co.; Forfeit, none; Limit, 120 working days; Plans and specifications filed.
 RESIDENCE LOT 25 BLOCK B OAK GROVE PARK. All work for residence and shop.
 Owner—Louis G. Schulling, 843 Baker St., San Francisco.
 Architect—None.
 Contractor—Louis N. Pollard, 55 Brewster, Redwood City.
 Filed Aug. 5, 1924. Dated July 21, 1924.
 Framed 1263
 Brown coated 1263
 Completed and accepted 1263
 Usual 35 days 1263
 TOTAL COST, \$5052
 Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

RESIDENCE SW COR. NINTH ST. & PALM AVE., San Mateo. All work for frame duplex residence and garage.
 Owner—Viola Bracken, 233 Post St., San Francisco.
 Architect—Edw. G. Bowles, 233 Post St., San Francisco.
 Contractor—W. E. Wood, 150 Post St., San Francisco.

Filed Aug. 5, 1924. Dated July 24, 1924.
 Foundation \$1300
 Frame up 1300
 Plastered 2600
 Completed and accepted 2600
 Usual 35 days 2600
 TOTAL COST, \$10,466

Bond, \$2533; Sureties, J. Roy Wood, James Wisnon; Forfeit, Limit, none; Plans and specifications filed.

RESIDENCES PORT OF LOTS 13 18 17 16 & 15 Bk 100 South San Francisco. All work for 5 1-story and basement 5-room residences.
 Owner—Charles Richard and Ada Hughes, 1463 O'Farrell St., S. F.
 Contractor—Meyer Bros., 603 1st. Natl. Bank, S. F.
 Filed Aug. 8, 1924. Dated July 19, 1924.
 Frame up \$3723.62
 Brown coated 2900.88
 Completed and accepted 5895.00
 Usual 35 days 2375.00
 Bond, \$7447.25; Sureties, The Aetna Ins. Co.; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

RESIDENCE LOTS 10 11 13 14 15 BLOCK 100, South San Francisco. All work for 5-room frame residence and basement.
 Owner—Emanuel & Josephine Kard's, 897 California, S. F.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
 Filed Aug. 8, 1924. Dated July 19, 1924.
 Frame up \$3723.62
 Brown coated 2900.88
 Completed and accepted 5895.00
 Usual 35 days 2375.00
 TOTAL COST, \$14,894.50
 Bond, \$7447.25; Sureties, Aetna Casualty & Surety Co.; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

BUNGALOW LOT 7 BLOCK H HAYWARD PARK, San Mateo. All work for Bungalow.
 Owner—J. L. Minor.
 Architect—F. A. Dufour, 3008 San Jose Ave., Alameda.
 Contractor—J. Ferrera.
 Filed Aug. 8, 1924. Dated July 19, 1924.
 Frame up \$1500
 Brown coated 1500
 Completed and accepted 1500
 Usual 35 days 1444
 TOTAL COST, \$5944
 Bond, Sureties, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

BUNGALOW LOT 15 Bk 1 EASTON NO. 1, Burlingame. All work for bungalow.
 Owner—Joseph Sisser.
 Architect—None.
 Contractor—E. S. Shaver, 765 Farrington, Burlingame.
 Filed Aug. 12, 1924. Dated April 29, 1924.
 Roof on
 Plastered
 Completed and accepted
 Usual 35 days
 TOTAL COST, \$6000
 Bond, Forfeit, Limit, Plans and specifications, none.

VAULT ITALIAN CEMETERY. All work for underground vault.
 Owner—A. and B. Finocchio.
 Architect—Galo Zanolini, 604 Montgomery St., San Francisco.
 Contractor—V. Fontana & Co., Colma

Filed Aug. 15, 1924. Dated Aug. 14, 1924.
 Concrete completed \$762.50
 Granite and marble work 762.50
 Completed and accepted 762.50
 Usual 35 days 762.50
 TOTAL COST, \$3050
 Bond, Forfeit, none; Limit, 60 working days; Plans and specifications filed.

STORE BLDG. \$16,000; 5 St. Lot 4 Bk 7, San Mateo; owner, A. B. Benast San Mateo; contractor, Armstrong and Wiseman, 207 2nd St., San Mateo.
 RESIDENCE, duplex, \$10,000; Palm Ave Lot 12 & 7 ft of 11 Bk A San Mateo; owner, Violet Bracker, San Francisco; architect, Edw. G. Bowles, 233 Post St., S. F.; contractor, W. E. Woods, 1219 12th Ave. S. F.
 BUNGALOW & GARAGE, \$4800; Lot 15 Bk 2 San Mateo Drive, Burlingame; owner, Walker & Armstrong; contractor, Walker & Armstrong.
 BUNGALOW and garage, \$4800; Lot 16 Bk 2 S. M. Drive, Burlingame; owner, Walker & Armstrong; contractor, Walker & Armstrong.
 BUNGALOW and garage, \$4800; Lot 17 Bk 2 S. M. Drive, Burlingame; owner, Walker & Armstrong; contractor, Walker & Armstrong.
 BUNGALOW and garage, \$4800; Lot 18 Bk 2 S. M. Drive, Burlingame; owner, Walker & Armstrong; contractor, Walker & Armstrong.
 BUNGALOW and garage, \$5000; Lot 14 Bk Ave 41 Burlingame; owner, Frank Ferna 712 5th, S. M.
 BUNGALOW and garage, \$6500; Lot 5 Bk 12 Chula Vista Ave., Burlingame; owner, J. W. Ohlson; contractor, J. W. Ohlson.
 BUNGALOW and garage, \$3750; Lot 7 Bk 23 Balboa Ave., Burlingame; owner, Walter Pederson.
 RESIDENCE, \$6000; Lot 1 Block 19 Highway, Burlingame; owner, William Reynolds.
 RESIDENCE, and garage, \$2000; Lot 30 Gates, Burlingame; owner, Allen & Co., 1212 Bushing Ave., Burlingame.
 RESIDENCE and garage, \$7000; Lot 13 Gates, Burlingame; owner, Allen & Co., 1212 Burlingame Ave., Burlingame.
 RESIDENCE and garage, \$4800; Lot 12 Bk 2 San Mateo Drive, Burlingame; owner, Gordon Armstrong; contractor, Gordon Armstrong.
 RESIDENCE and garage, \$4800; Lot 13 Bk 2 San Mateo Drive, Burlingame; owner, Walker & Armstrong; contractor, Walker & Armstrong.
 DWELLING, 1-story, \$5000; Prospect Road, San Mateo; owner, J. Stoppel, 228 26th St. & Harrison, S. F.; architect, H. Smith, Humboldt Bk. Bldg., S. F.; contractor, Ruegg Bros., 317 American National Bank Bldg., San Francisco.
 HOUSE, 3-room, \$1800; Cor. of Tilton Ave. and T St., San Mateo; owner, Harry Cohen, Fillmore & California Sts., S. F.; contractor, John Brynner, 1280 Page St.
 BUNGALOW and garage, \$2800; So. E St. Lot 14 Bk 3, San Mateo; owner, Chas. T. Maynard, 1623 B St., San Mateo; contractor, Wallace Waterhouse, 6 E Bellevue St.
 BUNGALOW and garage, \$4000; Lot 7 Bk 6 Morrell Ave., Burlingame; owner, E. A. Oland; contractor, E. A. Oland.
 ALTERATIONS, \$1000; Lot 14 Bk 22 Cortez, Burlingame; owner, Gordon C. Hess, 1268 Cortez Ave.; contractor, W. O. Nicholaides, 218 Peninsula Ave., San Mateo.
 RESIDENCE and garage, \$8000; Lot 64 Cambridge, Burlingame; owner, Allen & Co., 1212 Burlingame Ave., Burlingame.
 RESIDENCE and garage, \$6000; Lot 10 Oxford Rd., Burlingame; owner, Allen & Co., 1212 Burlingame Ave., Burlingame.
 BUNGALOW, \$3000; Lot 9 Bk 44 Victoria Rr., Burlingame; owner, Frank Barbison, 343 N D St., San Mateo; contractor, Harkins Bros., 1012 Laguna, Burlingame.
 BUNGALOW and garage, \$7128; Lot 39 Bk 1 Edgell Hill Drive, Burlingame; owner, S. L. Hawkins, 812 Grange Rd., Burlingame; contractor, M. C. Rench, 728 So. E St., San Mateo.
 BUNGALOW and garage, \$6800; Lot 5 Bk 26 Sanchez Ave., Burlingame; owner, Wm. McPhillips, 1104 Paloma Ave., Burlingame; contractor, Wm. McPhillips, 1104 Paloma Ave., Burlingame.

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COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
 July 3, 1924—LOT 2 BLK E 16, San Mateo Park, San Mateo, W. C. Jenkins to Oscar L. Cavanaugh.....Aug. 5, 1924
 July 30, 1924—SOUTH SAN FRANCISCO substation, Pac. Gas & Elec. Co. to E. C. Goffey.....July 23, 1924
 Aug. 3, 1924—LOT 6 BLK 3 SAN MATEO PARK, San Mateo, Milton Finlap to whom it may concern.....Aug. 1, 1924
 Aug. 2, 1924—LOT 4 & 5 BLK 61 EASTWOOD, 7, Burlingame, W. C. Russell to whom it may concern.....Aug. 2, 1924
 July 30, 1924—LOT 3 BLK 35 SANTA YNEZ PARK, San Mateo, John H. Clifford to whom it may concern.....July 26, 1924
 July 31, 1924—LOT 6 BLK 11 DINGER PARK, Redwood City, J. E. & Anne O. Macdonald to whom it may concern.....July 26, 1924
 July 30, 1924—LOT 19 BLK 1 HAYWARD PARK, San Mateo, William W. Weaver to whom it may concern.....July 26, 1924
 Aug. 1, 1924—LOT 1 BLK 1 BURLINGAME LAND CO., Burlingame, W. C. Johnson to E. S. Steaver.....July 19, 1924
 Aug. 1, 1924—NW 1/4 LOTS 11 & 12 BLK 35 EASTON ADD REDWOOD CITY, Rosco G. Balcomb to Palo Alto Construction Co.....July 30, 1924
 Aug. 6, 1924—LOT 2 BLK 10 EASTON, Burlingame, Ennie C. Dore to J. H. Dore.....Aug. 6, 1924
 Aug. 5, 1924—LOT 15 BLK 37 LYON & Hoag Sub, Burlingame, Albert C. Severence to whom it may concern.....Aug. 6, 1924
 Aug. 6, 1924—PORT LOT 31 SAN MATEO PARK, San Mateo, Harry E. Jenkins to Oscar L. Cavanaugh.....Aug. 5, 1924
 Aug. 7, 1924—LOT 32 BLK 35 EASTON No. 2, Burlingame, John W. Rutherford to whom it may concern.....Aug. 4, 1924
 Aug. 7, 1924—LOT 30 BLK 17 BURLINGAME GROVE, Burlingame, Miles M. Elder to whom it may concern.....Aug. 6, 1924
 Aug. 7, 1924—LOT 3 BLK 13 OLINGER PARK, Redwood City, Mrs. Chas. Lightner to Miller & Van Hohn.....Aug. 6, 1924
 Aug. 16, 1924—LOT 9 BLK 7 LOMA PARK, M. Pestrovo and A. Toluboff to George F. Bailett.....Aug. 9, 1924
 Aug. 11, 1924—LOT 13 BLK 9, BURLINGAME, Elgme, W. S. Simonds et al to whom it may concern.....Aug. 7, 1924
 Aug. 11, 1924—LOT 28 BLK 10 BURLINGAME TERRACE, Burlingame, Edward E. Baume to Oscar S. Cavanaugh.....Aug. 5, 1924
 Aug. 12, 1924—LOT 17 BLK E. San Bruno, Henry and Ida May Berger to A. L. Lundy.....Aug. 12, 1924
 Aug. 12, 1924—LOT 14 BLK 4 BURLINGAME PARK No. 4, H. H. Zwick to whom it may concern.....Aug. 8, 1924

Aug. 8, 1924—LOT 3 BLK 35 EASTON ADD Redwood City, Chas. Zinn to Louis N. Pollard.....Aug. 11, 1924
 Aug. 12, 1924—LOT 25 BLK B OAK GROVE PARK, Atherton, Louis G. Schelling to Louis H. Pollard.....May 7, 1924
 Aug. 12, 1924—LOT 3 BLOCK 2 SAN MATEO PARK, A. J. Wilbe to whom it may concern.....Aug. 9, 1924
 Aug. 12, 1924—LOT 8 BLK 34 LYON & Hoag Sub, Burlingame, Margaret and George K. Dolling to whom it may concern.....Aug. 8, 1924
 Aug. 12, 1924—LOT 15 BLK 4 EASTON No. 1, Burlingame, Joseph Deser to Edward S. Shaver.....Aug. 9, 1924
 Aug. 12, 1924—LOT 1 BLK 5 BURLINGAME LAND CO. Wm. Rutherford to whom it may concern.....Aug. 12, 1924
 Aug. 12, 1924—LOT 2 A BLK 7 BURLINGAME LAND CO. E. Hunter to Wm. Rutherford.....Aug. 12, 1924
 Aug. 12, 1924—LOT 9 WISNOM SUB 13 & San Mateo, W. E. & L. J. Simpson to Frank Ferrea.....Aug. 5, 1924
 Aug. 12, 1924—LOT 19 BLK E HAYWARD PARK, San Mateo, A. L. Grover to F. H. Boring.....Aug. 11, 1924
 Aug. 11, 1924—PARK ROAD, BURLINGAME, John Looman to whom it may concern.....Aug. 12, 1924
 Aug. 14, 1924—LOT 2 BLK O HEWARD PARK, San Mateo, George E. Fisher to Marius Laurenson.....Aug. 13, 1924
 Aug. 13, 1924—LOT 24 BLK 47 EASTON No. 4, Burlingame, Fred E. McIntosh to H. H. Putnam.....Aug. 4, 1924
 Aug. 13, 1924—LOT 22 PORT 23 BLK 4 Hillcrest, Daly City, Johana and Mau Oslan to Charles Gust.....Aug. 11, 1924
 Aug. 15, 1924—COR. HIGHLAND & Villa Terrace, Henry and Ida Kruse to Charlie Hammer & Hugo Hultberg.....Aug. 13, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
 Aug. 6, 1924 — 1826.29 ACRES OF land in Secs. 32, 22, 23, 26, 27 & 28 Twp S R 4 West, Whitney Bros., \$295.94; John Pedmante Jr. et al, \$293.32 vs Willy J. M. & May Griffin.....Aug. 13, 1924
 Aug. 7, 1924—BLK 7 IN LOT 9, Lomita Park, Joseph C. Baker vs A. Toluboff et al.....\$190.20
 Aug. 11, 1924—PORT LOT 225 SAN MATEO PARK, San Mateo, Samuel Ginsburg et al vs Walter Chase & J. E. White.....\$290
 Aug. 11, 1924—LOT 2 13 & PORT OF Lots 1 & 14 BLK 21 San Carlos, H. R. Park vs Arnold Hauscomb, J. P. Greene.....\$63.50
 Aug. 14, 1924—LOT 14, 15 16, 17 & 18 Blk 6 Sequoia Tract, F. L. Baird vs J. H. Powell et al.....\$295.71
 Aug. 14, 1924—LOT 9 BLK 7 LOMITA PARK, H. S. Thomas vs A. Toluboff et al.....\$124.17
 Aug. 19, 1924—LOT 9 BLK 7 LOMITA PARK, Joseph C. Baker vs A. Toluboff et al.....\$190.20

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
 Aug. 14, 1924—PORT LOT 225 SAN MATEO PARK, San Mateo, W. C. Polomountain to Lewis E. White & Walter H. Chase.....\$373.11

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
 Aug. 5, 1924—PORT S L S 826 IN SEC 35 9-4, Pac. Gas & Elec. Co. to whom it may concern.....July 25, 1924
 Aug. 6, 1924—S 40 FT OF N 80 FT Lot 1815 Park Terr., William T. Martin to whom it may concern.....July 31, 1924
 Aug. 6, 1924—LOT 5510 BONITA Vita Tract, Ambrose R. Tyler to whom it may concern.....Aug. 6, 1924
 Aug. 8, 1924—R. R. SHOP GROUNDS D. McDonald to whom it may concern.....Aug. 12, 1924
 Aug. 8, 1924—LOT 6229 MISSION Trecho, J. N. Souza to whom it may concern.....Aug. 10, 1924
 Aug. 9, 1924—LOTS 5, 6 & 7 K L 11 12 etc. N 35 ft of W 1/4 Lot 7, Hotel Senator Corp. to whom it may concern.....Aug. 6, 1924
 Aug. 12, 1924—LOT 25 IVERSON TCT Isora H. Owens to whom it may concern.....Aug. 11, 1924
 Aug. 12, 1924—N 1/2 OF S 1/2 LOTS 9 & 10 & N 1/2 OF S 1/2 OF S 15 ft Lot 11 Blk 19 Oak Park, J. W. Newhart to whom it may concern.....Aug. 12, 1924
 Aug. 12, 1924—N 1/2 OF S 1/2 LOTS 9 & 10 & N 1/2 OF S 1/2 OF E 15 ft Lot 11 Blk 19 Oak Park, J. W. Newhart to whom it may concern.....Aug. 11, 1924
 Aug. 12, 1924—N 1/4 LOTS 9 & 10 & N 1/4 OF E 15 ft Lot 11 Blk 19 Oak Park, J. W. Newhart to whom it may concern.....Aug. 11, 1924
 Aug. 12, 1924—MOFLA STATION, S. P. Co. to whom it may concern.....Aug. 8, 1924
 Aug. 13, 1924—W 1/4 LOT 6 J K 13 14, J. L. Lauppe Invest Co. to whom it may concern.....Aug. 9, 1924
 Aug. 14, 1924—LOT 3 GERBER COURT S. A. Boltz to whom it may concern.....July 9, 1924
 Aug. 13, 1924—W 1/4 LOT 6 J K 13 14, J. D. Lauppe Invest Co. to whom it may concern.....Aug. 9, 1924
 Aug. 15, 1924—ELK GROVE, S. P. Co. to whom it may concern.....Aug. 1, 1924
 Aug. 6, 1924—LOT 8, CASA LOMA Terr., Urbane Steeves to whom it may concern.....Aug. 12, 1924
 Aug. 7, 1924—LOT 32 PARKSIDE, Harry G. Waterman to whom it may concern.....Aug. 8, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
 Aug. 14, 1924—LOT 52 HEILBERG Oaks, T. S. Downar vs George W. Wade.....\$393.22

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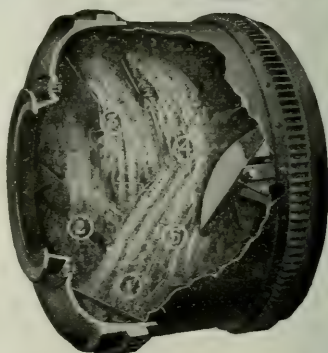
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Mixer



Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—**dominant strength concrete**—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete.
Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"—Dandie Mixers In Stock With Rubber Tired Wheels.
HARRON, RICKARD & McCONE CO.
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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DAY LABOR SYSTEM IS BASICALLY
UN SOUND

"The day labor system breeds dangerous politics, encourages inefficiency, lowers construction standards, develops extravagance, decreases production, destroys individuality and lets loose that spirit of disloyalty to duty which notoriously during the war world," said a speaker at the recent Associated General Contractors' Chicago convention. He continued: "We all need the spur of competition. We all need to feel the pressure of definite responsibility. We all need the rewards of individual initiative and effort. America's splendid and amazing career fairly rests on that foundation. "Listen to the words of the discouraged prophet of day labor and communism, Leon Trotsky, as they appeared recently in The Literary Digest: 'Our nationalized industries, even those working under exceptionally favorable auspices and well equipped, all are working at a loss. Our administrators and directors are not real masters who attend to every little detail, who watch everything, who save every minute of time and every cent of money, who work day and night caring for the needs of our plants.'"

"The same false theory upon which day labor rests has benumbed the great soul of Russia, and not even her vast resources, greater than our own, will restore her."

FUNDS FOR STATE HIGHWAYS URGENTLY NEEDED

Construction of new roads in California must come to a complete standstill unless the next Legislature approves some financial plan to provide the State Highway Commission with additional funds. This fact is made known by H. J. Brunner, chairman of the Good Roads Bureau of the California State Automobile Association on the receipt of a preliminary report from A. E. Loder, highway engineer of the Association, who is also a member of the State Highway Committee appointed by the Governor to investigate California's highway problem.

By virtue of the three bond issues and by legislative enactments the total percent mileage in the state highway system is 6480 miles. Of this 2085 miles have been paved by the state and 364 miles by counties, while an additional 1241 miles have been graded and gravelled by the state or forest road projects, leaving a total mileage yet unimproved of 2790 miles.

The total made available to the state highway department by the three bond issues for highway construction was \$73,000,000. The last three million of these bonds was sold in June, 1924. The small unexpended balance from the total bond issues will be required to pay for contracts now under way, and it is a fact that all bond funds are practically exhausted or obligated by going contracts.

Since 1916 there has been made available to the state, up to and including the fiscal year ending June 30, 1924, a total of Federal Aid funds amounting to \$17,093,307. To August 19, 1924, the state has received from this Federal Aid on completed projects \$10,121,199.95, leaving a credit to the state from this source, which will in due time come to the state in small amounts, totalling \$6,972,107.05. This last credit of Federal Aid funds, however, will be received very slowly by the state over a period of several years.

COASTAL MILLS REDUCE LUMBER CUT SIX PER CENT

West Coast Lumbermen's association weekly reports on production and shipments on over 100 mills for the first thirty-two weeks of the past five years are follows:

	Production	Shipments
	lumber, feet	lumber, feet
1924	2,952,379,659	3,114,596,189
1923	3,140,675,035	3,389,126,170
1922	2,574,256,014	2,545,539,126
1921	1,553,772,042	1,664,671,600
1920	2,515,578,328	2,239,495,842

From the above it will be observed that production for thirty-two weeks in 1924 was 6 per cent less than for the same period in 1923; 14.71 per cent greater than in 1922; 90.05 per cent greater than in 1921, and 73.38 per cent greater than in the first thirty-two weeks of 1920.

Orders, thus far this year, have been 8.47 per cent less than in 1923; 14.23 greater than in 1922; 77.93 per cent greater than in 1921, and 47.02 per cent greater than in the first thirty-two weeks of 1920.

Shipments, thus far this year, have been 8.10 per cent less than in 1923; 22.38 per cent greater than for same period in 1922; 87.10 per cent greater than in 1921, and 39.08 per cent greater than in the first thirty-two weeks of 1920.

SIX MILLION DOLLARS EXPENDED FOR FRESNO COUNTY ROADS

Six million dollars has been spent in the construction of 416 miles of paved and improved highways in Fresno county, according to Chris P. Jensen, Fresno county surveyor.

The construction of a highway system for Fresno county was commenced in 1919, from funds derived by a bond issue in the sum of four million eight hundred thousand dollars. This sum has been increased to a round total of six million dollars by the levying of a special tax of 40 cents in each of the two fiscal years 1922 and 1923.

The program is now practically completed and a total of 416 miles of highway has fallen under the influence of the money expended. With respect to types of construction, the total of 416 miles is segregated as follows:

Thirty miles of five inch hydraulic base supporting a one and one-half inch warrentite surface, at an average cost of \$27,700 per mile of pavement, 16 feet wide, with seven foot shoulders on each side.

One hundred sixty-five miles of five inch asphalt concrete base and surface at an average cost of \$20,800 per mile of pavement 16 feet wide with seven foot shoulders on each side.

Twenty miles of four-inch asphaltic concrete base and surface at an average cost of \$16,000 per mile of pavement 16 feet wide with seven foot shoulders on each side.

Sixty-six miles of oiled gravel macadam at an average cost of \$3,400 per mile of pavement 16 feet wide with seven foot shoulders on each side.

One hundred thirty-five mile tourist roads widened, drained and otherwise improved, including six miles of new highway reducing a 23 per cent grade to an 8 per cent grade, at an average cost of \$2,400 per mile.

Incidental to highway construction, four hundred thousand dollars has been spent for the construction of bridges and culverts, and three hundred thousand dollars for overhead.

LUMBER BUSINESS EXPANDING

Expanding demand and strengthening prices form the basis of reports from practically all lumber producing territories, says the "American Lumbermen." Advances from Southern pine manufacturing centers state that wood, which showed a big pick-up immediately following July 4, continues to broaden, and that bookings are approximately normal and considerably in excess of production.

A considerably stronger tone features also the Douglas fir market. While demand has increased only moderately, the curtailment of production from the high levels maintained some months ago has been radical, especially all the interior mills, which depend almost exclusively on rail business.

Eastern and Middle Western inquiries meanwhile are increasing in volume, indicating a brisker trend in the late summer and fall. Export demand for fir remains approximately normal, but the domestic margo markets are generally characterized as dull.

Hardwood producers, both in the North and South, report a decided expansion in demand for their product.

Santa Ana—\$170,000 to be expended on paving improvements in 3 new road districts.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Three acres of land have been purchased in Forty-fifth street, between Watts and Hollis streets, Emeryville, on which Hubbard & Company, electrical manufacturers of Pittsburgh, Pa., plans to erect a plant costing \$250,000. The plant will employ about 250 men at the outset specializing in turning out pole-line equipment. The Hubbard Company is a \$40,000,000 concern. R. L. Kerschner, the district manager of the Oakland plant. The first unit of construction will be a crane-way, 60 by 100 feet, an assembly building and warehouse. Later an administration building will be erected. Spur tracks are now being constructed at the site by the Southern Pacific Company.

The movement designed to call to the attention of the building public the advantages of winter construction was recently given an added impetus by the United States Department of Commerce. The Department in a carefully worded press release urged that building be made a year round industry. The report was given wide publicity by the newspapers of the country, and if this appeal is closely followed up by local contractors associations it will not be long until the industry will not be faced with the usual seasonal inactivity.

The position of painting contractors in opposing the restrictive rules of the painters' union has been strengthened as a result of a recent ruling by a federal court. On July 14th, Federal Judge E. S. Thomas at New Haven, Connecticut, ruled that the union by-law, that requires an outside contractor to pay the rate in effect in his home city if it is higher than the local scale, constitutes unjust discrimination. Judge Thomas further refused to dismiss the injunction brought by J. J. Hass, Incorporated of New Jersey against the painters' local union.

The lime quarry at Lemon Cove, Tulare County, is being re-opened by M. D. Root under lease from the Pacific Southwest Trust & Savings Bank of Fresno which took over the property of the Kaweah Lime Products Company and the new lessee is operating under the name of the Kaweah Quarries. The new lessee will manufacture agricultural lime, stone dust for street paving, lime dust for cement pipe work, and crushed rock.

The American Engineering Company, of Philadelphia, announces the appointment of the following representatives for the sale of their Lo-Hed Monorail Electric Hoist on the Pacific Coast: C. E. Bulloitt Machinery Co., 67-71 Main St., San Francisco, Calif.; Fulton Engineering Co., 612 American Bank Bldg., San Francisco; P. E. Wright Engineering Co., 2012 L. C. Smith Bldg., Seattle.

L. F. Crease, building contractor, operating in the San Joaquin valley, died in Bakersfield, Aug. 25, as the result of injuries received by being thrown from a horse while on his vacation in the mountains near Bakersfield.

State Department of Public Works, Division of Architecture, desires the services of a first class architectural draftsman. For further information address State Department of Public Works, 615 Forum Bldg., Sacramento.

To confer with lumbermen in California, Jesse C. Nellis, acting chief of the lumber division of the Department of Commerce, will arrive in San Francisco shortly for a stay of several days. Nellis will advocate efforts to find outlets for Pacific Coast lumber in Australia and the west coast of Latin America. He will also suggest making an attempt to enter the west European market, particularly the United Kingdom. This has been a buyers' market, according to Nellis, and the business is in the hands of firms established generations ago.

Construction has been started in Richmond on the new plant of the Gerlach Brick Company. It is expected to turn out products about October 1. John G. Gerlach is president and general manager of the company. C. G. Rhodes, vice-president; J. G. Rhodes, treasurer and Alvin Gerlach, secretary. Rhodes, Jamieson & Co. of Oakland will be the selling agents for the new company.

Among recent contracts awarded to the Moore Dry Dock Company of Oakland for furnishing structural steel, the following are included: Jewish Synagogue, San Francisco; C. & H. Sugar Co., Crockett; Medico-Dental Bldg., San Francisco; Jonathan Club, Los Angeles; Quandt Bros. Apartments, San Francisco; Masonic Temple, San Rafael. These contracts involve approximately 10,000 tons.

Plans for the construction of a 140-mile pipe line, connecting the Pan-American Petroleum Company's Los Angeles refinery with the Elk Hills oil fields in Kern County, were revealed with the organization of the Los Angeles Midway Pipe Line Company, a \$5,000,000 subsidiary of the Pan-American Company with headquarters in Los Angeles. The latter company is headed by E. L. Dohney Jr.

H. Brown of the Grays Harbor Commercial Company of Cosmopolis, Wash., manufacturer of lumber and box shoo, was a recent visitor to San Francisco. During his stay, Mr. Brown was the guest of R. P. Phillips of the Pope and Talbot Lumber Company.

Construction will be started at once on a \$12,000 mortar plant for the Holmes Lime & Cement Company at De Haro and Division streets, San Francisco. The structure will be of frame construction, four stories in height.

W. E. Provost, for the last three years sales manager for the Southern California branch of Edw. R. Bacon Co., is now connected with the sales department of Collins-Kay Machinery Company of Los Angeles.

Plans for a \$150,000 bridge, to be erected in Washington street, Stockton, have been completed by City Engineer W. B. Hogan and forwarded to the U. S. War Department for approval.

Shea & Shea, architects, have moved their offices from the Chronicle Bldg. to 454 Montgomery street, San Francisco.

Pacific Portable House Company, a Los Angeles concern, plans to establish mills and yards in Oakland.

ALONG THE LINE



The appointment of Samuel Fortier as consulting professor of irrigation investigations and practice in the college of agriculture, by the Regents of the University of California, marks the close co-operation of state and nation in the development of western water resources. Mr. Fortier as associate chief of the division of agricultural engineering, United States department of agriculture, with headquarters at Berkeley, is in direct charge of all the irrigation interests of the department west of the Missouri river. The university authorities have for many years desired to give him an honorary professorship, in recognition of distinguished service in the field, but have been unable until this year to get the approval of Mr. Fortier's superiors at Washington. Three of the college of agriculture professors of irrigation investigations and practice — Frank Adams, S. R. Eckett and F. J. Veihmeyer — have for several years held honorary appointments on Mr. Fortier's staff.

Mr. Fortier is a Canadian by birth, and an alumnus of McGill university, from which he holds the higher degrees of mechanical engineer and doctor of science. He has held various important technical appointments in the United States, both public and private, during the past 40 years, and has published numerous books and articles on irrigation subjects. Between 1912 and 1915 he was adviser to the government of British Columbia on irrigation law, and consulting irrigation engineer for the Canadian Pacific railway. He has been in the United States government service during most of the past 30 years, and at his present post since 1915.

Leeds & Barnard, consulting engineers, Central Bldg., Los Angeles, announces their affiliation with Dr. J. A. L. Waddell, consulting engineer of New York City, for the design and supervision of construction of bridges in southern California, Utah, Nevada, Arizona and New Mexico. Dr. Waddell enjoys an international reputation as an expert in bridge design and economics, having to his credit hundreds of bridges of all kinds involving all degrees of difficult design and construction.

W. R. Falt, general contractor of Woodland, Calif., was injured in an automobile accident at Paso Robles, Aug. 23. Details of the accident are lacking. It is reported that Falt's automobile was completely wrecked when it turned over after leaving the highway.

Col. Edward N. Johnston, U. S. Army Engineer, has been appointed chief consulting engineer for the Long Beach harbor development project. The appointment was made by the city council. Col. Johnston has a five year contract for which he will receive \$15,000 a year, plus 1% of the cost of all work.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

RARE ROCK COLLECTION MADE BY QUARRYMEN

Egyptian stone relics from the ancient city of Tel-Els-Amarna, sent by the Egypt Exploration society, have arrived at headquarters of the Indiana Limestone Quarrymen's association at Bedford, Ind. They will form a part of what eventually is planned to be the most complete collection of stone type, in the world.

King Tut-Ankh-Amen's father-in-law, Amenhotep IV., 33 centuries ago, founded the city whose ruins are now known as Tel-Els-Amarna, on the Nile in upper Egypt, and from which the collection was excavated, according to Thomas Whittemore, who obtained many of the relics from the society.

Quaint pieces of limestone furniture, low-slung chairs, stools, stands, an offering table, and curious utensils for grinding meal are included in the collection, dug from many homes of these ancient ruins. There are also bits of sculpture bearing hieroglyphics sharply carved and easily translated.

RIVAL UNIONS AMALGAMATE

Under an agreement entered into on July 10, the rival locals of hoisting engineers of Pittsburgh have united and a number of construction jobs which were struck during the operation of the dual organizations are now going ahead. The charter of the old local known as No. 66 was revoked on January 24, 1924, by the International Union of Steam and Operating Engineers, and the following day a charter was granted to a new local to be known as No. 889. The carpenters at once gave their support to the old local, while the majority of the other trades supported the new organization, with the result that one or more crafts struck every job on which engineers were employed.

PRIZE ARCHITECTURE WORK ON DISPLAY AT BERKELEY

Architectural work of Scott Haymond, medal student in the College of Architecture at the University of California awarded second prize in the contest among 17 of the best colleges in the United States by the American Institute of Architecture, is on display this week from 9 o'clock A. M. until 5 o'clock P. M. The display is in the College of Architecture, University of California, and will be open from 7 o'clock to 10 o'clock in the evening on August 25, 27, and 29.

The American Institute of Architects offered a two month-trip to Europe as the first prize for the best display of work in the contest. The Washington

NEW ORDINANCES REQUIRES PLUMBERS' BOND

An ordinance requiring master plumbers and persons engaged in the business of plumbing to register and give bond has been passed by the city of Burbank, Calif., and is now in effect. The registration fee is \$75. A bond of \$1000 is required to guarantee owners that work will be done in accordance with city ordinances. Violation of the ordinance is punishable by fine of \$10 to \$300, or imprisonment for not more than 3 months, or both.

JURISDICTIONAL AWARDS BOARD HOLDS SHORT SESSION AT WASHINGTON

The National Board for Jurisdictional Awards in the Construction Industry held the shortest session in its history when it met at Washington, D. C., on Monday, August 4th.

The following cases were the only ones scheduled for hearing.

Reinforced Concrete, Cement and Floor Construction. (Disputants Iron Workers, Laborers and Lathers).

Concrete Slab Reinforced. (Contestants Bricklayers and Roofers).

The first case was settled originally in a decision rendered by the Board on March 11, 1920, at which time the placing of steel used for reinforcement in reinforced concrete, cement and floor construction was awarded to the Iron Workers.

The Associated General Contractors of America petitioned the Board to re-open the case at the meeting held in Pittsburgh, Pa., on February 18, 1924. This request was granted and the re-hearing scheduled for the meeting just held in Washington.

A number of general contractors appeared before the Board and gave their reasons why they wanted the reinforcing rod question opened up. However, inasmuch as none of the unions involved were present at the hearing, the Board, in executive session, decided that action on the matter should be deferred until the next meeting.

The second case relative to precast concrete slabs was also deferred until the next meeting on account of the absence of one of the contestants.

In continuation of a policy recently adopted to conduct meetings of the Board in some of the more important cities of the country in order that those in the industry might get a better idea of how it operates, it was decided to hold the next meeting in St. Louis the week beginning Monday, December 8, 1924.

The Board revised its constitution by eliminating the name of the National Association of Builders' Exchanges as one of its constituent members, since that organization never qualified for membership.

The Board unanimously re-elected the following officers for the ensuing year. Chairman Rudolph P. Miller of New York, representing the Federated American Engineering Societies; Vice Chairman John Coffield of Chicago, representing the Building Trades Department of the American Federation of Labor; Secretary Wm. J. Spencer of Washington, D. C., representing the Building Trades Department of the American Federation of Labor.

PLASTERING BY THE ANCIENTS

William Millar, who examined fragments of early Egyptian plaster and stucco, found that its base was lime, and that it was practically three-coat work. It was about three-quarters of an inch thick, haired and finished as is done now. When used on partitions, it was laid on reeds, which were laced together with cords to serve as lathing. The ancient Greeks made extensive use of lime stucco, one rather famous example, the Temple of Apollo at Bassae, dating back to 500 B.C. The Romans and Moors used lime stucco to a high state, and many structures are still extant which serve as silent witnesses to the durability of lime stucco.

L. O. F. C. BLUEPRINT READING COURSE ANNOUNCED

Courses in Blueprint Reading, both elementary and advanced, are to be given again by the Extension Division beginning early in September. The elementary class consists of eight two-hour meetings under the instructorship of Mr. Grover C. Polson, Head of the Drawing Department of McClymonds High School, Oakland. "This course is of particular interest," said Polson, "to contractors, machinists, electricians, carpenters, builders, and others who find it necessary to use blueprints in their everyday work." Subjects which will be covered will include the principles of drawing; plans, elevations, and sectional views; scales and proportioning of drawings; symbols; tracings and blueprints; detail drawing; sketches from blueprints; the use of blueprints in the shop; individual interpretation of blueprints. The last two or three meetings of the class will be devoted to individual instruction in reading simple blueprints relating to various phases of building construction. This course meets in Room 263 Pacific Building and begins Thursday, September 4th at 7 P. M.

The advanced course emphasizes the reading of blueprints as applied to building, cabinet making, shipyard work, pattern making, carpentry and other branches of the building trades. It is open only to those who have completed the elementary course in blueprint reading, or to those who have experience which is equivalent. The course also consists of eight two-hour meetings and is to be held on Wednesdays, beginning September 3rd, in the Extension room of the Sutter Hotel, Kearny and Sutter Streets.

Registration for these classes are now being received at 140 Kearny St., the Office of the University Extension.

BONDS EXECUTED FOR SUBWAY PROJECTS IN EAST

The National Surety Company and twenty-two other Surety Companies recently executed two bonds aggregating in excess of \$15,000,000 for the Keystone State Construction Company, guaranteeing the completion of the Broad Street Subways in the City of Philadelphia. The contracts were recently awarded to the Keystone Co.

The contract was divided into two sections, one being for \$8,200,000 and the other for \$7,100,000. The Keystone State Construction Company was the lowest of four bidders on both sections of the undertaking by more than \$500,000. Fifty per cent construction bonds and ten per cent penal bonds were required on each contract. The bonds were executed for \$4,100,000 and \$3,550,000. Combined, the undertaking is one of the largest ever handled by any contracting firm under bond in the country.

TRADES EMPLOYED ONLY PART TIME

Figures recently compiled by the U. S. Department of Commerce following a nation-wide survey under the direction of Secretary Hoover, disclosed that nearly 3,000,000 skilled workmen in the United States are employed on the average less than three-quarters of the year, and fully employed for only three to five months.

1923 CLAY PRODUCTION

The output of clay mined and sold as clay in the United States in 1923 amounted to 3,434,660 short tons, valued at \$11,188,913, or \$3.26 per ton, according to the Department of the Interior, as determined by figures compiled by the Geological Survey in co-operation with State Geological Surveys in Alabama, Florida, Georgia, Illinois, Iowa, Maryland, Michigan, Missouri, New Jersey, New York, North Carolina, Virginia, Washington, and Wisconsin. These figures show an increase of 30 per cent in quantity and 34 per cent in value as compared with those for 1922. They represent only clay sold as clay by the original producers; they do not include the much greater quantity of clay that was burned into clay products by the producers themselves.

The output of kaolin, the clay that is used in making high-grade pottery and porcelain as well as paper and other products, amounted to 338,803 tons, valued at \$2,926,255, an increase of 22 per cent and 25 per cent, respectively, as compared with 1922. The clay of largest production and value is fire clay. The sales of fire clay in 1923 amounted to 2,298,163 tons, valued at \$6,565,899, an increase of 27 and 42 per cent, respectively, as compared with 1922. The output of clay of every kind increased in quantity and value in 1923 as compared with 1922, except stoneware clay, which decreased slightly in quantity but increased considerably in value.

The imports and exports of clay also increased in 1923 as compared with 1922. The imports were 381,354 tons, valued at \$3,670,369, an increase of 9 per cent in quantity and 8 per cent in value. The imports of kaolin, the chief clay imported, amounted to 311,298 tons, an increase of less than 1 per cent as compared with 1922.

ELIGIBLES FOR STATE HOUSING POSITION ARE ANNOUNCED

A list of eligibles for the position of director of housing of the state commission of immigration and housing is announced by David J. Reese, president of the state civil service commission, as the result of an examination held recently.

Seven out of seventeen candidates succeeded in passing the examination. The civil service commission will certify three with the highest standing from which a selection may be made as follows:

Arthur C. Horner, building inspector of the city of Stockton; Ler T. Mott, chief housing inspector of the commission of housing and immigration, and Robert Greig, former building inspector of Berkeley.

\$2,500,000 CONSTRUCTION FIRM ORGANIZED IN S. F.

Nine prominent San Francisco business men are named as members of the Board of Directors of the Northern California Development Company in articles of incorporation filed with the Secretary of State at Sacramento.

The papers set the capital stock of the organization at \$2,500,000, to be divided into 25,000 shares at \$100 each.

The concern will engage in general construction, highways, railroads, bridges, water systems, factories, telegraph lines, irrigation works and hydro-electric systems.

Those named as directors are Dr. Otto Freymuth, president; George Gillman, Jesse Newbauer, Joseph Eastwood, Henry Martens, Arnold L. Liebes, J. R. Reader, Henry Dowden and Sylvan D. Davis, all of San Francisco.

State Builders' Committee Submits Report on Lien Law

Report submitted by J. B. Coney, Wm. Elster and D. B. Parquharson, Comprising the Lien Law Committee of the State Builders' Exchange of California

The Lien Law—what of it? It is a special legislation and as such is a subject of suspicion on the part of a good or, shall we say, decent business men.

The Lien Law as we know it is a very different article from what was originally enacted and was at that time (about 50 years ago) known and meant to be a mechanics' Lien Law, that is, it was meant to be a plan by which the working men of the State could get easy and prompt means of collecting the wages they had worked for when the contractor, through lack of ability or intention, failed to pay up when one or more paydays had passed without the workman getting his wages, which, of course, he required regularly and promptly. To the extent that in these boom days and before proper organization had been devised, the Lien Law served to effect this purpose. It met with the approval of all right minded people. It was further expected that the law, as it then was, would gradually educate the public to the fact that there was a class of contractor whom, in all intelligent business fairness and honest dealing, it would be better not to employ. He was of the type of fly-by-night contractor whom, when you had made a contract, you never knew whether you would see him again or not. But the building public want to do their building with the least possible trouble so they say "we will employ an architect and he will see that we get all that is coming to us on this job."

Now we have great faith in and respect for the practical and artistic ability of our architects and they have shown that they are well endowed with what we regard as the three cardinal virtues of all architecture: utility, simplicity and dignity in their buildings. But the public who employs them has added this apparently trifling fourth requirement, namely, to make a contractor who has no intention of even trying, Honest.

But to come back to our Lien Law proposition that was supposed to and probably might have gone a good way toward eliminating the irresponsible and, intentionally or otherwise, dishonest contractor from the business world but for the fact that the material dealers, through want of intelligent organization, or just on the chance that it would be an easy and relatively safe way to sell goods or material to questionable contractors if they could get the State to be responsible for, or to act in the way of a collection agency for them and so they crawled in under cover of what was a mechanics' Lien law and made it a material man's lien law as well, to save them from the trouble of doing business in a sensible, business way that would not only make contracting a responsible business but would also put the sale of building material on a decent business basis, instead of being as at present a go-as-you-please and have the State collect your bill if it can, for you. We said that it was hoped that the introduction of the mechanics' Lien Law would help to eliminate the undesirable contractor, and so it might have done, but as soon as the material dealers got the law changed to include them under its scope, then right away all restraint was thrown off and it became a race with the material salesmen as to who could get the most material on the jobs—and let the State help in collecting for it.

Now it must be self-evident that an

industry that is thrown open to any and all comers, regardless of ability, honesty, or good intention, substituting for these essential requirements of all sound economic conditions the one condition that you must be lowest in price will very soon play havoc with that industry. Now what has happened in the building industry is that any man who comes along and wants to go contracting need have none of the requirements called for in other business transactions, provided he has an ample supply of Gull. If he is low the owner will accept him and if he has the job some material man will supply all the material he needs and collect for it through a lien. This would go to show that the owner is to blame; granted, but must we maintain a ruinous form of industry, artificially created, until all owners are educated to what is for them and the community as a whole a sensible way to do business?

Now, frankly, does not the honest, careful material man and contractor deserve some recognition from the community they serve and from the state of which they are citizens and to a man both of these men are in favor, not of the revision of the Lien Law as it applies to materials, but for its entire elimination and the simplifying of its clauses that apply to wages to make them more easily and quickly operative in the case of the workman whose wages are being withheld.

Will this not restrict and prevent many men from taking part in both these forms of business? Certainly it will, but it will not militate against the man of ability and good intention in either case, though it may and doubtless will make them more careful of the kind of venture they go in for. Because it must be clearly understood that if one man or a number of men default in the payment of their bills, then the man who does pay his bill for material must do so at a rate to cover, not only the material he has used, but also the material the defaulter has used as well; in other words, any business having many bad accounts must charge a rate to its legitimate patrons high enough to cover the overhead entailed by the defaulter, or they will be forced out of business. To put it another way, the community is paying a rate for its goods high enough to keep a lot of careless, foolish or just plain dishonest material men and contractors in business.

We are not forgetting the specialty or sub-contractor in this summing up of the defects of the working of the Lien Law because even under the Lien Law he has to take court proceedings against the defaulting general contractor or party for whom he has done the work if he wants to collect for it, and the law specifically says that all expense so incurred must be borne by the party suing. Now if the elimination of the Lien Law does reduce the number of jobs you do, or rather the number of contractors you work for, will this necessarily mean less return for you at the end of the year? When you take into account the long wait you have before getting your money, with the necessary handicap this is to you in the carrying on of your business, it will not be a big thing for your business if the community knows that you refuse to work for a man who not only does not pay his bills promptly but will not pay them at all without a suit in court.

Do you not think that it would be a pretty good thing for your business if the man who could or would not pay

his bills could not get material men or subcontractors to supply material or do his work, would it not be better to stop before you started even if your competitor did do the job, if it entailed his going without all his money until the job is finished and then collecting it through the courts.

And now, what of your business as a business? The building and construction industry, is it not a worthy and honorable calling to be engaged in, would it not be a worthwhile thing for you to take a hand in eliminating anything that goes to make it a source of reproach in the business world? Would it not be a cause for honest pride to be a worthy craftsman in whatever branch of industry you belong and to put it as a whole on a basis above question or peradventure, as far as you can? Shall we say yes—and try?

This agitation for the elimination of the irresponsible participants in the building industry is not a local effort but is being prosecuted vigorously throughout the other states, besides special hearings in Washington as well, at this time.

J. B. CONEY, Sacramento.

WILLIAM FISLER, Bakersfield.

D. B. FARQUHARSON, San Francisco
COMMITTEE ON LIEN LAW

CEMENT THAT MATURES IN 24 HOURS IS PERFECTED

An extremely quick-setting cement is not desirable, but there are many instances where it would be advantageous to use cement that, after the initial set, would in a few hours reach its maximum tensile strength. This is especially true in week-end work, where operations have to cease unless the cement has hardened before the time for resumption. If the cement will mature in 24 hours, the delay in operation is nil or considerably shortened.

A new product, known as Lumnite cement, is being manufactured at Northampton, Pa., by the Atlas Aluminate Cement Co., 25 Broadway, New York City. It is said not only to possess the desirable qualities of portland cement, but to acquire a strength in 24 hours somewhat greater than the other kind of cement will attain in 28 days.

A large proportion of high-grade aluminum ore (bauxite) is used in the mixture, and the raw materials are then fused and ground to a considerably greater fineness than is necessary under standard specifications for portland cement. When lumnite is used, the mix should be slightly wetter than with portland grades, because of the more rapid hydration of the former. The initial setting by this means can be arranged to be no more rapid than with portland cement.

Lumnite cement is somewhat more expensive than portland, and it cannot be mixed with other cements without both losing their distinctive qualities.

1923 SAW OUTPUT

The Department of Commerce announces that, according to reports for the biennial census of the manufacturers, 1923, the establishments engaged primarily in the manufacture of saws in that year reported together products valued at \$28,812,537, together with other classes of products valued at \$1,829,321, making a total of \$30,641,858. The rate of increase in the total value of products as compared with 1921, the last preceding census year, was 68.5 per cent.

Watsonville—\$1,000,000 cold storage and icing plant planned by Union Ice Company, 1st unit to be erected soon.
San Luis Obispo—\$130,000 to be spent in paving streets.

28 Per Cent Increase in Year's Lumber Exports From United States

The year ended June 30, 1924, witnessed an export from the United States of lumber, timber, and wood products valued at a total of \$153,346,109, compared with the previous year valued at \$119,765,069, an increase of 28 per cent.

The principal items participating in this increase were Douglas fir timber, which increased 218 per cent; Douglas fir lumber, which increased 34 per cent; and cedar logs and timber, 113 per cent.

The outstanding reason for this development in Northwestern lumber exports was the very considerable buying on the part of Japan. The exports to Japan increased in Douglas fir timber, 207 per cent; Douglas fir lumber, 74 per cent; cedar logs and timber, 102 per cent. Western hemlock lumber increased 160 per cent during the first six months of 1924 over the corresponding period of 1923; figures for the entire fiscal year of 1923 were not recorded. Japan took 644,724,000 feet of Douglas fir and cedar timber and logs, and 433,617,000 feet of Douglas fir and western hemlock lumber during the 12 months. The classification of timber in the United States export statistics is 6 by 6 inches and larger, while sizes less than 6 by 6 are classed as boards, planks and scantlings, which may be generally called lumber.

The very large proportion of timber and logs taken by Japan is of much interest inasmuch as the greater part of the timber and logs sent to Japan are cut up in Japanese sawmills, only a small portion being used in large sizes. This practice indicates that the Japanese industrial situation which calls for the importation of large shipments of manufactured timber instead of importing finished lumber sizes. A great deal of the timber sent to Japan ranges in size from 12 to 24 inches square by 24 to 40 feet long. Included under lumber (boards, planks, and scantlings) are considerable amounts of the so-called Japanese baby squares, which are around 4 to 5 inches square and 10 to 20 feet long and generally used for framing. These small squares are of Douglas fir and western hemlock, usually, although other western woods have been used; the large squares are commonly of Douglas fir.

The increased buying by Japan of Douglas fir and western cedar was to be expected inasmuch as for several years Japan has taken considerable quantities of these woods. However, the increased Japanese taking of

western hemlock lumber is significant as indicating the greater appreciation of that wood by foreign buyers. As to other Douglas fir lumber markets China took but little more; Australia, about one-third less; Peru, Chile, and Mexico, about one-half more, while it is noticeable that British South Africa took 80 per cent less of Douglas fir lumber.

California redwood lumber exports increased 17 per cent during the 12 months to 52,119,000 feet, while the exports of western and eastern spruce increased 53 per cent to 38,437,000 feet. The United States is not only a large producer of railroad ties for domestic use but also exports an important amount. The year's exports were 2,758,953 ties, an increase of 12 per cent. Foreign tie markets do not run as regular from year to year as lumber markets because of the dependence on new railroad construction, replacement, and in some countries development of native woods. Mexico was an important customer, taking 756,017 ties, or nearly three times as much as in the previous year. While Canada is one of the world's important lumber producers, and sent to the United States in the year 1923 somewhat over 1,800,000,000 feet of lumber, mostly softwoods, nevertheless, as noted elsewhere in this article, Canada takes from the United States considerable quantities of southern pine, hardwoods, and cooperage. In the 12 months recently ended Canada also took from the United States 638,646 railroad ties.

Honduras, likewise, has been an important tie market but last year took only 402,522 ties, a decrease of 20 per cent. Guatemala took about 15 per cent more in 1924. Peruvian railroad construction is indicated by the import of over twice as many ties, or a 120 per cent increase. However, it should not be overlooked that during the past year British India and Cuba imported no railroad ties from the United States, while in the previous year the former took 215,458 ties and the latter 39,841 ties.

The United States exports piling and poles. During the year 1,988,794 linear feet of piling, an increase of about 85 per cent, gauged by the value; and 53,939 poles, an increase of 80 per cent in number, were exported. The poles were for telegraph, telephone and transmission lines.—From a report prepared by A. E. Broadie, acting chief of the lumber division, U. S. Bureau of Foreign and Domestic Commerce.

Material Prices Continue Downward

The downward swing of wholesale building material prices which commenced in 1923 continued through May, the latest month for which comparisons are available, according to information gathered by the U. S. Department of Labor. The high point for 1923 was reached in April, when the weighted index for all building materials stood at 204, using 1913 as 100. The index for this same group in May this year was 180, a decrease of 24 points in the eleven months. Following is a list of index numbers by years from 1913 to 1923 and by months for 1924 (1913 equals 100):

	Lumber	Brick	Struc. Steel	Other Bldg. Material	All Bldg. Material
Average for 1913	100	100	100	100	100
Average for 1914	92	99	73	95	92
Average for 1915	89	99	85	102	94
Average for 1916	102	108	167	137	120
Average for 1917	135	182	247	172	157
Average for 1918	155	176	199	189	172
Average for 1919	210	206	167	195	205
Average for 1920	307	279	187	218	254
Average for 1921	163	232	135	169	165
Average for 1922	183	202	115	156	168
Average for 1923	207	214	160	169	189
January, 1924...	192	215	166	169	181
February, 1924...	193	215	160	168	182
March, 1924.....	192	214	166	169	182
April, 1924.....	192	215	162	168	182
May, 1924.....	191	214	157	167	180

PUBLICATIONS

General Reduction in Building Costs Not Likely in Near Future

The Besser Sales Company, Monadnock Bldg., Chicago, has issued an interesting catalog describing the complete line of concrete products machinery manufactured by them. This booklet tells about their concrete block, tile, and brick machines, ranging from the small hand devices, capable of but a limited output, to the great automatic devices that would permit a manufacturer to care for a lively demand in a large construction center.

The Acme Foundry & Machine Co., Coffeyville, Kansas, has issued a novel four-page folder showing the advantages of the Acme Automatic Loader. The loader can be profitably used in grading and road work—especially in shoulder drainage, asphalt loading, drainage ditches, gravel pits and basement excavations. Copies of the circular will be sent on request.

WILEY T. VAUGHN SURRENDERS TO U. S. MARSHAL

Wiley T. Vaughn, Oakland contractor, indicted jointly with two brothers, Asa and M. C. Vaughn, by a federal grand jury, in connection with the Alameda County Highland hospital fraud, surrendered to the United States marshal's office and deposited bail last Monday. Immediately upon learning that an indictment had been voted against him, according to a statement he issues.

The statement follows:

"It has been made to appear that I have evaded apprehension at the hands of the United States marshal in the matter of a charge which is made in an indictment against me and M. C. Vaughn and Asa Vaughn. This indictment was voted, I understand, some time in January of this year, but remained on secret file until the last week.

"As a matter of fact, I have been industriously engaged in business continuously in Oakland ever since the indictment was voted, and have been at all times easily found and have made no effort whatsoever to escape arrest; and as soon as I learned that an indictment was filed against me, I surrendered to the United States marshal and deposited bail for my appearance in court. I only knew on Sunday last that I had been indicted, and on Monday I surrendered myself and deposited bail. I trust that my friends and others who have read the articles in the newspapers will forego judgment in this matter until I have been able to be heard in my defense in court."

TELEPHONES IN SAN FRANCISCO

The magnitude of San Francisco and the phenomenal progress of the West is exhibited in a comparison of the number of telephones in use here and the number in operation in Maryland, one of the oldest states in the Union. There are only 162,500 telephones in Maryland as compared with 195,112 in the city of San Francisco. Maryland sends 800,000 telephone messages every day, while San Francisco sends over one million. In each the peak of the messages are crowded into a period of a few hours each day, bringing a heavy strain on the telephone equipment and attendants. The phenomenal development and expansion of central California would be vividly exhibited were the total telephone facilities required by its inhabitants compared with those now used by various eastern and southern commonwealths.

Those who are looking for a general reduction in building costs in the near future will be disappointed in these expectations, according to the views expressed by S. W. Straus, president of S. W. Straus & Co.

As the fall season approaches there is indicated the expectation upon the part of many that building costs are coming down. While there are always certain fluctuations in the costs of building materials, these advances and building materials in the cost of about through temporary local conditions affecting the prices in certain specific products. The market for building material is, of course, affected by general business conditions, which means that while there may be some depressions with the slowing up of business and industry there likewise comes a gain in prices with the resumption of more active conditions.

It is to be borne in mind, however, that economies in building are possible through increased efficiency. By a closer scrutiny of building operations and a more careful and scientific planning of buildings, it is often possible to produce a property at a much lower cost than would be the case if these intensive efficiency methods had not been applied.

This fact is becoming more generally understood as methods of economy and efficiency are evolved out of the necessities of the post-war situation. In large apartment house construction this development is especially pronounced. Without any sacrifice of convenience or comfort, scientific builders are creating a more compact type of home than formerly prevailed, while in commercial structures means have been found for utilizing a substantial amount for footage that hitherto has been wasted.

In determining the probable trend of building costs, it is to be remembered that the principal element of expense both in the manufacture of materials and in the assembling of these materials into buildings, is labor, which has shown no inclination to accept wage reductions, particularly in the large cities where the bulk of building activities prevail. On the contrary, there have been wage increases during the last six months ranging from 2½ to

12½ cents an hour in the principal building trades in most of the large cities of the country, while instances of reduced labor costs in the building crafts have been almost negligible. It is true that in many places bonus payments have been abolished, but these have been merely being absorbed by increased wage scales.

Manifestly, if there should be any pronounced widespread reduction in the cost of buildings it would be largely at the expense of building labor, and what might be gained in wage reductions would be lost in labor efficiency. It is a fundamental of human nature that men who are forced to work for less money and thus sacrifice the living standards which they and their families have been accustomed to, will not work as efficiently as where they are satisfied and happy.

The only circumstance under which building labor would, I believe, even temporarily accept pronounced reductions in wages without sacrificing efficiency would be in the face of a sweeping reduction of all costs of living, which would be an economic phenomenon involving a sacrifice of values neither to be expected nor desired by the people of the country.

Evidence is not lacking that building operations are slowing down somewhat, but there is no likelihood that this easing off will reach a place where wage scales in the building crafts will fall. If such reductions should ensue, however, due to non-employment, present or possibly higher wages would come with the resumption of active building operations. To argue otherwise is to deny the influence of human nature in the solution of economic problems.

The more logical solution of the building problem is stabilization of costs at approximately present levels, and there are consistent evidences that such a development is taking place. The abnormal activities which have been in evidence, particularly in the large cities of the country, for the last three years are being superseded by normal conditions. This cycle of building activity may be expected to produce stabilized costs, owing largely to the more evenly balanced conditions of supply and demand.

SHIPMENTS OF MANGANESE ORE IN 1923 ARE REPORTED

More manganese ore was shipped in the United States in 1923 than in 1922, according to final figures given out by the Department of the Interior, in a statement prepared by the Geological Survey. Although the shipments increased more than two and one-third times—from 13,404 gross tons in 1922 to 31,500 gross tons in 1923—they were smaller than many expected that they would be under the stimulus of the tariff on manganese ore fixed by the act that went into effect September 22, 1922.

The average value per ton of the ore imported from Germany in 1922 (\$30.22) and from Germany and England in 1923 (\$100.37 and \$126.74, respectively) are near the prices received for ferro-manganese and are considerably above those received for manganese ore. It is therefore probable that the imports from those two countries reported as manganese ore represent, in part at least, some other material. The average value of all reported imports of manganese ore in 1923 was \$18.80 a ton.

BUILDING INDUSTRY DEPRESSED IN JAPAN SAYS CEMENT HEAD

G. S. Brown, president of the Alpha Portland Cement Co., who has returned from a three months' study of conditions in the Far East, summarizes as follows his observations on the construction industry there:

"The anticipated construction program of the Japanese to replace the buildings lost by earthquake and fire last year has failed to materialize. Temporary structures sufficient to house the people have been erected, but little permanent construction has been started, and when I was there no one seemed to have any knowledge as to when active, permanent reconstruction would be started.

"There is a surplus in Japan of all sorts of construction materials. Indeed the construction industry is in a depressed condition in all parts of the Far East, except in Hongkong and Shanghai. The disturbed political condition in China prevents any extensive work, while in the Philippines fear that the islands will be given independence by the United States has the same effect.

Building News Section

APARTMENTS

Plans Being Figured.

APT. HOUSE Cost, \$15,000
SAN FRANCISCO, 8 Clay Street E.
 Presidio.

Two-story and basement frame and
 stucco apartment house (4 apts.,
 3-rooms each).

Owner—M. Sheslet.
 Architect—Mel I. Swartz, Nevada Bank
 Bldg., San Francisco.

Figures To Be Called For Next Week.

APT. HOUSE Cost, \$14,000
SAN FRANCISCO, Eddy E. of Larkin.
 Six-story reinforced concrete apart-
 ment house (108 rooms, 2-room
 apartments).

Owner—E. V. Lacey, 180 Jessie St., San
 Francisco.

Architect—J. C. Hladik, Monadnock
 Bldg., San Francisco.

Planned.

APT. HOUSE Cost, \$—
SAN FRANCISCO, SE Cor. Mason and
 California Streets.

Fireproof community apartment house
 Owner—The 999 California Incor.,
 care John C. Shipp Co., 486 Calif.
 St., San Francisco.

Architect—None selected.

Plans Being Prepared.

APT. HOUSE Cost, \$50,000
SAN FRANCISCO, Leavenworth St.,
 bet. Sutter and Post Sts.

Four-story reinforced concrete apt.
 house.

Owner—Strand & Strand, 163 Parnas-
 sus Ave., San Francisco.

Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Contract Awarded.

APT. BLDG. Cost, \$15,000
OAKLAND, S Stow Ave. 360 W New-
 ton Ave.

Three-story 18-room frame apartment
 building.

Owner—F. M. Neher, 413 Bacon Bldg.,
 Oakland.

Architect—A. W. Smith, American Bk.
 Bldg., Oakland.

Contractor—Western Construction Co.,
 43 Bacon Bldg., Oakland.

Plans Complete.

APT. BLDG. Cost, \$20,000
SAN FRANCISCO, N Washington 137-6
 W Franklin St.

Three-story and basement frame apt.
 building (12 apts.)

Owner—S. Stern.

Plans Complete.

APT. BLDG. Cost, \$10,000
SAN FRANCISCO, E Scott 87-6 S Sutter
 St.

Two-story and basement frame apart-
 ment bldg. (4 apts.)

Owner—Chas. J. U. Koenig, 520 Church
 St., San Francisco.

Contract Awarded.

APT. BLDG. Cost, \$51,000
SAN FRANCISCO, SW Clay and Baker
 Streets.

Three-story frame apartment bldg.

Owner—Olga D. Laib, 700 Broderick St.
 San Francisco.

Contractor—Emil Nelson, 55 Allston
 Way, San Francisco.

LOS ANGELES, Cal.—Arch. Saul H.
 Brown, 528 Union League Bldg., has
 completed plans for a 4-story class C
 apt. bldg. at 12th St. and Grandview
 for L. Seigle. There will be 140 apts.,
 large lobby, brick constr., struc. steel,
 comp. rig., tile baths and drainbds.,
 aut. water htrs., gas unit htg., pine
 trim, hardwood fls., wallbds., refrigerat-
 ors, elevator, fire escapes; \$150,000.
 Owner will erect by day labor and sub
 contract.

LOS ANGELES, Cal.—Edwards, Wil-
 dey & Dixon Co., 515 Black Bldg., have
 contract to erect a Class C apartment
 house at the southwest corner of 7th
 and Mariposa Sts. for Violet R. Urson.
 6427 Yucca St. E. B. Rust, 523 Black
 Bldg., architect. Dimensions, 60x125
 ft., 86 rooms, 40 apartments; brick
 walls, pressed brick facing, composition
 and tile roofing, pine trim, oak and
 pine floors, marble and tile work, steam
 heating, wall beds, elevator. Cost,
 \$125,000.

LOS ANGELES, Cal.—Arch. John M.
 Kunst, 511 Cotton Exchange Bldg.,
 (formerly Roberts Bldg.), is complet-
 ing plans for a 3-story class C store &
 apartment bldg. to be erected at cor.
 Santa Monica and Crescent Heights
 Blvds. for G. Dombrowski; it will con-
 tain 10 stores, market and 35 double
 apartments. Brick walls, 3-story add.
 basement, 169x200 ft., triangle shape,
 press. brick facing, cement and hardw.
 fls., struc. steel, tile baths, pine trim,
 elec. aut. elevator, ornam. iron work,
 storage water htr., plate glass; owner
 will erect by day labor and subcon-
 tract.

BONDS

SANTA ROSA, Sonoma Co., Cal.—
 Bonds of \$14,000 voted in Vine Hill
 School District to finance erection of
 3-classroom, reinforced concrete school.
 William Herbert, architect, Santa Rosa.

BAKERSFIELD, Kern Co., Cal.—
 Supervisors sell \$15,000 bond issue of
 McFarland School District; proceeds
 of sales to finance school improve-
 ments.

HEMET, Riverside Co., Cal.—Hemet
 Union High School Dist. \$75,000 bond
 issue, voted early in 1923, has been
 sold.

Material of Merit DOORS

Firedores, Freight Elevator,
 Garage and Warehouse Doors.
Fold-up Doors, Tri-co-doors, Cobald-
 doors, Wal-el-dors.—St. Louis
 Fire Door Co.

STORE FRONTS

The newest and most diversified
 store front.—Security Metal
 Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-
 slipping flooring.—Irving Iron
 Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

TAFT, Kern Co., Cal.—Architect Robt.
 H. Orr, 1305 Corporation Bldg., Los
 Angeles, is completing plans for a new
 church building to be erected at Taft
 for the First Baptist Church. It will
 have a seating capacity of about 235
 people, classrooms, social hall with
 kitchen. Hollow tile walls, one-story
 and basement, 50x100 ft., composition
 roofing, pressed brick facing, hard-
 wood floors, gas heating system, pine
 trim, art glass and tiled baptistry.

VISALIA, Tulare Co., Cal.—Until Sept
 5, bids will be received by supervisors
 for purchase of \$1000 bond issue of
 Walnut Grove School District; pro-
 ceeds of sale to finance school im-
 provements.

VISALIA, Tulare Co., Cal.—Super-
 visors sell \$5500 bond issue of Lind
 Cove School District for premium of
 \$63.89; proceeds of sale to finance
 school improvements.

CHURCHES

Contract Awarded.

CHURCH & SCHOOL Approx. \$50,000
WOODLAND, Yolo Co., Cal.

Frame and stucco church and school
 (tile roof, Spanish style).

Owner—First M. E. Church.
 Architect—Tuttle & Tuttle, 357 12th
 St., Oakland.

Contractor—Mr. Fayette, Woodland.

Contract Awarded.

CHURCH Cost, \$35,000 approx.
REDWOOD CITY, San Mateo Co., Cal.

1-story frame and stucco church.

Owner—First Methodist Church (Rev.
 Harry Owen).

Architect—Wythe Blaine & Olson, Cen-
 tral Bank Bldg., Oakland.

Contractor—Thos. A. Cuthbertson,
 1766 12th Ave., San Francisco.

FRESNO, Fresno Co., Cal.—Arthur
 Lompases, Fresno, at approx. \$5000 has
 contract to erect temporary church
 building at Collins and Fresno Sts., for
 Greek Community Center; will be one
 story, 20 by 7 ft. G. Spiropoulos, of
 Clovis, is a member of the Board of
 church trustees.

RIVERSIDE, Riverside Co., Cal.—
 World's Peace Society, Lionel Ster-
 ling, pres., Frank N. Weeks, vice-pres.,
 and Herman L. Pollock, secy-treas.,
 has purchased 3075 acres at Starland,
 3 miles n. of Riverside on the Union Pa-
 cific, where it is proposed to establish
 large colony and build a temple.

HANFORD, Kings Co., Cal.—A. M.
 E. Zion Church has been granted
 building permit by city council to
 erect one-story concrete church at the
 northeast corner of Douty and 2nd Sts.;
 est. cost \$7000. W. B. Holland, Hanford
 has the contract to erect. Rev. I. Al-
 bert Moore is pastor.

REDONDO BEACH, Los Angeles Co.
 Cal.—First Lutheran church has pur-
 chased n.e. cor. N Elena and Beryl Sts.
 as building site.

LONG BEACH, L. A. Co., Cal.—C. H.
 Bigelow, 117 Orange Ave., Long Beach,
 has the contr. to erect a \$35,000 1-story
 brick store and picture theater bldg. at
 2025-2029 E 4th St., Long Beach, for
 J. W. Carter, 3819 E 4th St., Long
 Beach. Found. 45x140 ft., comp. rf.,
 cem. fls.

SAN LUIS OBISPO, Cal.—Vail con-
 struction Co. has been awarded con-
 tract at about \$18,000 for 2-story brick
 hospital at north end of Marsh St. for
 Dr. R. M. Bradbury. Building will con-
 tain 24 rooms.

FACTORIES & WAREHOUSES

Plans Being Completed.
BUILDINGS
SAN FRANCISCO, Army, De Haro,
 Kansas and Mariposa Sts. 3 acre
 tract.
 Several concrete buildings for paint
 manufacturing plant.
 Owner—Bass-Rueter Paint Co., 2240
 24th St., San Francisco.
 Engineer—Engineering Dept. of Owner
 2240 24th St., S. F.

Completing Plans.
WAREHOUSE Cost, \$75,000
OAKLAND, 5th and Webster Sts.
 Two-story class C brick commercial
 warehouse bldg. (100x175).
 Owner—Withheld.
 Plans will be ready for figures next
 week.

Plans Complete.
MORTAR PLANT Cost, \$12,000
SAN FRANCISCO, De Haro & Division
Streets.
 Four-story frame mortar plant.
 Owner—Holmes Lime and Cement Co.,
 425 Kearny St., S. F.
 Architect—W. H. Crim Jr. & Hamilton
 Murdock, 425 Kearny St., S. F.

Sub-Figures Being Taken.
BUILDINGS Cost, \$60,000
GIANT, Contra Costa Co., Cal., 200
acre tract.
 Construction of a group of about 20
 frame and corrugated iron build-
 ings with concrete foundations
 (owner furnishes materials).
 Owner—Giant Powder Co., First Natl.
 Bank Bldg., S. F. and Giant, Cal.
 Mr. Stratton in charge at plant.
 Architect—Eng. Dept. of owner.
 Contractor—Geo. Anderson, 920 Frank-
 lin St., Oakland.

Completing Plans.
WAREHOUSE Cost, \$75,000
OAKLAND, 5th and Webster Sts.
 Two-story class C brick commercial
 warehouse bldg. (100x175).
 Owner—Withheld.
 Architect—Arthur S. Bugbee, 26 Mont-
 gomery St., San Francisco.
 Plans will be ready for figures next
 week.

Plans Being Figured.
WAREHOUSE Cost, \$75,000
OAKLAND, 5th and Webster Sts.
 Two-story class C brick commercial
 warehouse bldg. (100x175).
 Owner—Withheld.
 Architect—Arthur Bugbee, 26 Mont-
 gomery St., San Francisco.
 Plans will be ready for figures next
 week.

Contract Awarded.
WAREHOUSE Cost, \$12,000
OAKLAND, SE Cor. 24th and Magnolia
Streets.
 One-story brick warehouse.
 Owner—Pischel Estate, Holbrook Bldg.,
 San Francisco.
 Architect—Ashley & Evers, Monadnock
 Bldg., San Francisco.
 Contractor—J. S. Sampson Co., Monad-
 nock Bldg., S. F.

Contract Awarded.
BUILDING Cost, \$11,755
OAKLAND, Company property, San
Francisco, Bay near Powell St.
 One-story steel and hollow tile dryer
 building.
 Owner—The Paraffine Companies, Inc.,
 Emeryville, Alameda Co., Cal.
 Architect—Leland S. Rosener, Ins. Ex-
 change Bldg., San Francisco.
 Contractor—Herbert Beckwith, 351
 12th St., Oakland.

LOS ANGELES, Cal.—A. J. Koll Plan-
ing Mill Co., 421 Colyton St., has pur-
chased property on n side of E 62nd
St., having frontage of 400 ft., where
it proposes bldg. new mill, which will
not be started for several months.

WINSLOW, Ariz.—Summer Sollitt Co.,
410 Delta Bldg., has been awarded
contract and has started work on a
three-story reinforced concrete in-
manufacturing and storage plant at
Winslow, Ariz., for the Santa Fe Rail-
way. Plans by Santa Fe engineering
department, 125x330 ft., steel roof
trusses. Cost, \$200,000.

OAKLAND, Cal.—Architect J. M.
Cooper, 321 Marsh-Strong Bldg., is
preparing plans and has the contract
to erect a bakery building at Oakland
for the Ward Baking Co. Dimensions,
250x160 ft., one-story, brick walls,
plaster exterior, composition roofing,
steel sash, cement and tiled floors,
metal skylights, cork insulation, oil
burning ovens, refrigerating system,
wire and plate glass, steel roof trusses
Cost, \$110,000.

LOS ANGELES, Cal.—Arthur E. Mor-
thmer Co., 313 Chapman Bldg., has pre-
pared plans for a three-story Class A
warehouse and sales building to be
erected at the northeast corner of Sac-
ramento St. and Santa Fe Ave. for
McFord Chemical Co., 749 San Pedro St.
Dimensions, 50x140 ft., reinforced con-
crete construction, brick filler walls,
composition roofing, steel sash, eleva-
tor. Cost, \$50,000.

BAKERSFIELD, Kern Co., Cal.—
Harris Bros., Bakersfield, have contract
for one-story and full basement pack-
ing house on Edison Blvd., west of
Arvin spur, for Edison Citrus Assn.
Arthur Taylor, vice-president, 6777
Hollywood Blvd., Los Angeles; 60x100
feet, tile or frame construction with
plaster exterior, composition roof,
maple floor, saw tooth roof construc-
tion. Cost, \$30,000.

SAN JACINTO, Riverside Co., Cal.—
Milk Producers' Assn. contemplates
building dairy and feed supply ware-
house near Santa Fe depot here.

LOS ANGELES, Cal.—Union Iron
Works, 5125 Santa Fe Ave., is pre-
paring plans and has the contract to
erect a warehouse on S Main St. near
Carmelita Ave. for the Associated
Supply Co. Dimensions, 75x140 ft., steel
frame constr., corr. iron walls and
roof, cem. fls., steel sash, plate glass,
metal skylights, fire doors; \$20,000.

VISALIA, Tulare Co., Cal.—Benham
Ice Cream Co., Fresno, will enlarge
local plant.

MADERA, Madera Co., Cal.—G. O.
Green, Madera, is preparing plans for
the new two 80-saw stand cotton gin
on highway just south of bridge across
Fresno river for Madera Ginning Co.
Est. cost, \$300,000.

LOS ANGELES, Cal.—White Port-
land Cement Co., Lewis Cruickshank,
att'y, L. A. Trust & Savings Bldg., is
negotiating for 15-acre site in East
Los Angeles on which to build a ce-
ment plant. An 800-acre tract at Sau-
gus will supply raw material. L. V.
Hentley is president of the company.

LOS ANGELES, Cal.—Edwin T. Fla-
herly Co., engrs., 634 I. W. Hellman
Bldg., has completed plans for a class
A addition to warehouse to be erected
at 116 S. Western Ave. for the Fire-
proof Storage Co. Dimensions 60x100
ft., 8-story, reinf. conc. constr., comp.
rig., press. brick facing, cement fls.,
plate glass, elec. freight elevator, or-
namental iron work; the bldg. will be
used for general storage space, and the
first floor will be devoted to stores.

FLATS

To Be Done By Day's Labor.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, S Fulton 131-3 E
Clayton.

Two-story and basement frame flat
 building (4 flats).
 Owner—Anton Ondry, 775 5th Avenue,
 San Francisco.
 Architect—C. S. McNally, 661 Golden
 Gate Ave., San Francisco.

Owner Taking Sub Figures.
FLATS Cost, \$20,000
SAN FRANCISCO, Funston Ave. n of
California St.
 Two-story frame and brick veneer re-
 sidential flats and garage (2 flats
 of 7 rooms, 2 bathrooms each).
 Owner—Strand & Strand 163 Parnassus
 Ave., San Francisco.
 Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Completing Plans.
ALTERATION Cost, \$5000
SAN FRANCISCO, Gough near Vallejo
Street.
 Altering frame residence into 2 flats.
 Owner—C. Arnaud.
 Architect—Fabre & Hildebrand, 110
 Sutter St., San Francisco.

Plans Being Prepared.
FLAT BLDG. Cost, \$14,000
SAN FRANCISCO, Pierce Near Union
Street.
 Two-story frame and stucco flat bldg.
 (2 flats).
 Owner—Withheld.
 Architect—Fabre & Hildebrand, 110
 Sutter St., San Francisco.

PASADENA, L. A. Co., Cal.—E. A.
Larson, 1264 W. Vernon, Los Angeles,
has contracts totaling about \$44,000
for erecting two 20-room, 4-unit fr.
flat bldgs. and a fr. dwlg. in Pasadena
for P. and Vera Wargny and A. L.
and Clara Wargny. Stucco exters., tile
fr., hardwood fls., tile baths and drain-
boards, tile mantels, iron balconies.



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Oakland

Contract Awarded.
FLAT BUILDING Cost, \$10,000
 SAN FRANCISCO, W. 29th Ave. 250 S.
 California.
 Two-story and basement frame flat building (2 flats).
 Owner: H. E. Bessett, 343 29th Ave., San Francisco.
 Architects: H. C. Rammann, 261 Kearny St., San Francisco.
 Contractor: C. H. Bessett Bldg. Co., Mills Bldg., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, \$10,000
 SAN FRANCISCO, N. Turk 197-6 E. Polk.
 Two-story and basement reinforced concrete public garage.
 Owner: Joseph Pasqualotti, 785 Market St., San Francisco.
 Contractor: American Concrete Co., 785 Market St., San Francisco.

Contract Awarded.
ADDITION Cost, \$13,000
 SAN FRANCISCO, N. O'Farrell betw. Scott and Divisadero Sts.
 Brick addition for private garage.
 Owner: Theodore Crameny, 1410 Divisadero St., San Francisco.
 Contractor: — H. P. Hoyt, Menadnock Bldg., San Francisco.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO, Cal.—The following bids were received Aug. 21st at 12 M. by Supervising Supt., Room 403 U. S. Post Office Bldg., 7th and Mission Sts., San Francisco, for repairs and painting to U. S. Post Office building at Oakland:
 Finn Anderson, 180 Jessie St., San Francisco\$2400
 Alfred Vogt 2495
 Barrett & Bids 2813
 Harvey Thompson 4250
 H. K. Kissel 4250

SAN FRANCISCO, Cal.—The following bids were opened at 11 o'clock a. m. Aug. 20 at the Public Works office 12th Naval District, 313 Custom House, San Francisco, for excavation in rear of future storehouse, at the Marine Corps Depot for Supplies, San Francisco, Specification No. 5012.
 Farrar & Carlin, 180 Jessie St., San Francisco\$13,120
 Crawford Co. 13,448
 W. H. Hauser 18,340
 The bid of Farrar & Carlin was referred to Washington for acceptance.

WASHINGTON, D. C.—Minneapolis Steel and Machinery Co., Chapman Bldg., Los Angeles, submitted low bid to Bureau of Yards and Docks, Navy Department, under Specification No. 4983, to const. steel coal trestle at Tiburon, Calif., work consisting of removing existing wood bents and stringers and erection of new steel bents and stringers, new wood decking, and minor accessories at the naval coal depot.

WASHINGTON, D. C.—Following is complete list of bids received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4983, for steel coal trestle at the naval coal depot, Tiburon, Calif.:
 Item 1, entire work complete; 2, deduct for omitting wood decking:
 Allen Pope, Washington, item 1, \$26,500; 2, \$300.

Pacific Rolling Mill Co., 17th and Mississippi Sts., San Francisco, item 1, \$19,095; 2, \$72.
 Irving Gotthelm, 646 Call Bldg., San Francisco, item 1, \$19,690.
 Cobby & Owsley, 260 Tehama St., San Francisco, item 1, \$19,900; 2, \$750.
 Healey-Tibbitts Construction Co., 64 Pine St., San Francisco, item 1, \$20,433; 2, \$18,633.
 Schrader Iron Works, Inc., 1247 Harrison St., San Francisco, item 1, \$18,772; 2, \$725.
 H. C. Vansano & Co., 58 Sutter St., San Francisco, item 1, \$26,585; 2, \$1,150.
 Minneapolis Steel & Machinery Co., 1023 Chapman Bldg., Los Angeles, Cal., item 1, \$17,573; 2, \$1373.
 The Moore Dry Dock Co., foot of Adeline St., Oakland, Calif., item 1, \$25,992.

SAN FRANCISCO—Until Sept. 2, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5495-617, to fur. and del. Rio Vista Solano county, packing, gaskets, etc. Lists of materials desired obtainable from above office on request.

WASHINGTON, D. C.—M. B. McGowan, 180 Jessie St., San Francisco, low bidder at \$28,988 to renew (under Specification No. 5002) fender system at Tiburon. Project includes removal of present fender system, including fenders (fender piles, wales, and dolphins, and installation of a new fender system at the naval coal depot. Complete list of bids will be published shortly.

SAN FRANCISCO—Until Sept. 3, 11 a. m., bids will be received by U. S. Engineering Office, 85 2nd St., under Order No. 5498-617-8 to fur. and del. Rio Vista, Solano County, miscellaneous castings, etc. Lists of materials desired obtainable from above office.

SEATTLE, Wash.—Until Sept. 5, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, Seattle, to fur. under Red, SC-5077, 150 boiler tubes, 2½-in. by 12-ft. long and 150 tubes 2½-in. by 14½-ft. seamless steel. No. 10 gauge. Further information obtainable from above office.

SAN DIEGO, Cal.—Until Sept. 24, 11 a. m., bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5009 to construct extension to Nurses' quarters at Naval Operating Base (Hospital), San Diego, as more fully described in call for bids published under official proposal section in this issue.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to fur. and del. materials to Navy Yards and Stations as follows, date for opening bids at noted at close of each paragraph:

Sched. 2554, various yards, sheet steel, Sept. 2.
 Sched. 2555, various yards, steel shapes and plates, Sept. 2.
 Sched. 2563, eastern and western yards, bolts, nuts, rivets, washers, etc., Sept. 2.
 Sched. 2564, eastern and western yards, bolts, nuts, rivets, and washers, Sept. 2.
 Sched. 2566, Mare Island, 1 hydro electric unit, surgical tank and spares, Sept. 2.
 Sched. 2575, Puget Sound, 8 air compressor sets with spares, Sept. 2.
 Sched. 2577, eastern and western yards, globes for light fixtures, Sept. 2.
 Sched. 2582, Mare Island, 4000 yds. burlap, Aug. 26.
 Sched. 2585, eastern & western yards 29,680 lbs. ferro silicon, Sept. 2.
 Sched. 2586, Mare Island, 20 electric drills, Sept. 16.
 Sched. 2587, Puget Sound, about 11,400 seamless condenser tubes, Sept. 2.
 Sched. 2589, Mare Island, 1 laundry extractor and spares, Sept. 16.
 Sched. 2591, Puget Sound, 31 urinals and 30 water closets, Sept. 16.
 Schedule 2592, Mare Island, 18,000 yds. bunting, Sept. 2.
 Sched. 2593, Mare Island, 16 pneumatic hammers, Sept. 16.

WILMINGTON, L. A. Co., Cal.—L. B. Marshall, Wilmington, will erect a \$30,000 1-story postoffice bldg. at Broad and C Sts., Wilmington, which has been leased by the govt. Elizabeth Woods, postmaster.

DENVER, Colo.—Until Sept. 2, bids will be rec. by U. S. Reclamation Service, Denver, to fur. 20 high pressure gates for American Falls Dam, Minidoka project, Idaho, 5x5 ft. Further information obtainable from above office.

DENVER, Colo.—Until Sept. 29, 3 p. m., bids will be rec. by U. S. Reclamation Service, Denver, to fur. two 6000-h.p. hydraulic turbines, two 5000-h.p. k.v.a. transformers and switching apparatus for Blaine Canyon power house, Boise project, Idaho. Further information obtainable from above office.

WASHINGTON, D. C.—Following is a complete list of bids received by Bureau of Yards and Docks, Navy Department, under Specification 5002, to renew fender system at Naval Coal Depot, Tiburon, Calif.:

Item 1, entire work complete; 2, for each new bolt; 3, for each U bolt in place.
 Allen Pope, Washington, item 1, \$55,800; 2, \$4; 3, \$5.
 M. B. McGowan, 180 Jessie St., San Francisco, item 1, \$28,987; 2, \$2,87; 3, \$4,35.
 San Francisco Bridge Co., 14 Montgomery St., San Francisco, item 1, \$37,000; 2, \$10; 3, \$2.
 George A. Renner, 628 Montgomery St., San Francisco, item 1, \$35,900; 2, \$5; 3, \$5.

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HALLS AND SOCIETY BUILDINGS

Contract Awarded. Cost, \$71,000
ALTERATIONS
SAN FRANCISCO, China Town.
 Alterations to brick club bldg.
 Owner—Ming Yee Asso.
 Architect—Chas. E. Rogers, Phelan Bldg., San Francisco.
 Contractor—Barrett & Hulp, 918 Harrison St., S. F.

Sketches Being Prepared. Cost, \$—
ART BLDG.
SAN FRANCISCO. Jones and Chestnut Streets.
 Fireproof art building (type of construction not decided).
 Owner—San Francisco Art Association, 999 California St., San Francisco.
 Local Architects are preparing sketches for the construction of the above structure and as soon as Mr. Martin, president of the Association, returns to town a meeting of the executives will be called to determine type of construction and architecture of building.

Completing Plans. Cost, \$—
HOTEL
S OF REDWOOD CITY, on Woodside road.
 Three-story fireproof hotel and club bldg. of Mission architecture (300 rooms 100% baths).
 Owner—Syndicate of S. F. & Peninsula capitalists headed by C. E. Pringle of Redwood City.
 Architect—Weeks & Day 315 Montgomery St., San Francisco.
 Contractor—Nahill Bros. 55 New Montgomery St., San Francisco.
 In addition to club house there will be an 18-hole golf course and a swimming pool provided for.

Plans Being Prepared. Cost, \$55,000
LODGE BLDG.
SAN FRANCISCO, Ingleside Terrace.
 Three-story frame and stucco lodge building.
 Owner—Mt. Davidson Lodge No. 481.
 Architect—Jos. L. Stewart, 703 Market St., San Francisco.
 Plans will be out for figures in about two weeks.

Plans Being Prepared. Cost, \$250,000
LODGE
SANTA BARBARA, Santa Barbara Co., Calif.
 Three-story reinforced concrete and brick lodge bldg.
 Owner—Santa Barbara Lodge E.P.O.E.
 Architect—Carl Werner, Santa Fe Bldg. San Francisco.

Figures To Be Taken Shortly.
MEMORIAL HALL. Approx. \$17,000
DANVILLE, Contra Costa Co., Cal.
 One-story frame and stucco memorial hall (American Legion).
 Owner—Contra Costa County.
 Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

NAPA, Napa Co., Cal.—Architect Wm. H. Colett. Napa is preparing preliminary plans for remodeling L. O. O. F. hall building in Main Street. The improvements will cover interior and exterior work.

RIVERSIDE, Los Angeles Co., Cal.—Architect G. Stanley Wilson, 646 W. 9th St., is completing plans for new Elks clubhouse at Market St. and Hidalgo Place. Cost, \$125,000. Work will be started about Sept. 1st.

SANTA MONICA, Los Angeles Co., Cal.—American Legion has broken ground for new clubhouse at foot of Santa Monica Blvd.

BAKERSFIELD, Kern Co., Cal.—W. L. Twining, Bakersfield, representing Los Angeles syndicate, has purchased 800-acre country club site on Frazier mountain, 4 miles through Cuddy valley from the Ridge route. It is reported golf course, clubhouse, cabins and dam will be built. Est. cost \$250,000.

HOSPITALS

Plans Prepared—Awaiting Approval. Cost, \$30,000
FRESNO, Fresno Co., Cal., county hospital grounds.
 Two-story and basement clinic and admittance building.
 Owner—County of Fresno, D. M. Barnwell, county clerk.
 Architect—Glass and Butner, Cory Bldg., Fresno.

Contract Awarded. Cost, \$283,000
SANITARIUM
ALAMEDA, SW Clinton Ave. & Willow Street.
 Four-story reinforced concrete sanitarium.
 Owner—Alameda Sanatorium on South Shore (a corp.), 2054 Clinton Ave., Alameda.
 Architect—Edward T. Foulkes, Crocker Bldg., San Francisco.
 Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.

LOS ANGELES, Cal.—The Golden West Sanitarium, Mrs. Willie W. Anderson, Holieria, Prop., 1100 E. Windsor Rd., organizing company, capitalized at \$500,000, for financing new Class A hospital on present site of Golden West Sanitarium. Chas. E. Stuart of Glendale Pharmacy, 638 E. Broadway, and Fred Reed, 437 S. Central Ave., will be officers in the company. Application for permit has been made to erect 200-bed structure.

FRESNO, Fresno Co., Cal.—Bd. of Super. will include appropriation of \$30,000 in budget for coming year to finance bldg. at county hospital to house clinical departments. A 2-story and basement bldg. is planned.

SAN FRANCISCO—J. E. O'Mara, 218 Clara St., at \$2375 awarded contract by Board of Public Works to install radiators and piping in Nurses' Home at San Francisco Hospital.

MONROVIA, Los Angeles Co., Cal.—Dr. Robt. T. Williams, 134 N. Myrtle Ave., is having plans drawn for a sanitarium to be built in foothills. Site not selected.

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LOS ANGELES

BAKERSFIELD, Kern Co., Cal.—Following bids received by supervisors for kitchen equipment for the Kern county hospital: Nathan Dohrman Co., San Francisco, bids ranging from \$10,321.23 to \$17,553.33, depending upon amount of equipment supplied. Griffith Sheet Metal Works, Fresno, \$1,970.72 to \$18,081.75 depending upon amount of equipment supplied. Weill's Store, Bakersfield, \$2603 to \$18,813, depending upon amount of equipment supplied. Mangrum and Otter, San Francisco, \$16,076 and \$18,902. John C. Iilles Co., San Francisco, \$16,722.25.

SAN DIEGO, Cal.—Until Sept. 24, 11 a. m., bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5009 to construct extension to Nurses' quarters at Naval Operating Base (Hospital), San Diego, as more fully described in call for bids published under official proposal section in this issue.

HOTELS

Plans Being Prepared. Cost, \$11,000
ADDITION
SALINAS, Monterey Co., Cal., Market Street.
 Additional story to one-story brick hotel building.
 Owner—D. Francis.
 Architects—Wyckoff & White, Growers Bank Bldg., San Jose.

Contract Awarded. Cost, \$85,000
THE HOTEL
SAN FRANCISCO, E. Jones St. & Turk.
 Six-story and basement concrete hotel building.
 Owner—J. G. Kincannon, 275 Russ Bldg., S. F.
 Architect—Eric J. Osborne, Balboa Bldg., S. F.
 Contractor—Kincannon & Walker, 275 Russ Bldg., S. F.

Revised Plans Complete.
Bids To Be Asked Shortly.
NATATORIUM Cost, \$85,000
RICHMOND, Contra Costa Co., Cal.
 One and part two-story concrete brick and steel municipal natatorium, 100 by 208 ft.
 Owner—City of Richmond, A. C. Faris, city clerk.

Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
 Exterior will be brick and plaster. Swimming pool will be 60 by 160 ft., with children's pool, 15 by 60 ft. Children's pool will range from one to 3 ft. deep and adults' pool, 3 to 9 ft. Pools will be tile lined 4 ft. from top.

LOS ANGELES, Cal.—H. L. Stevens & Co., W. H. Rhodes, local representative, 504 E. W. Braun Bldg., 1210 S. Main St., will start preparation of working drawings at once for height limit Class A hotel at Wilshire and Beaudry blvds., adjoining the Bryson Apartments, for F. W. Braun, 523 Braun Bldg. A Class A garage will be built in connection with the hotel on Rampart Blvd., between 6th and Wilshire. The hotel will be reinforced concrete construction with brick and terra cotta facing, and will contain about 100 rooms. Est. cost, \$3,000,000. Stevens & Co. will erect the buildings.

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LOS ANGELES, Cal.—Arch. William Bruce, 439 Chapman Bldg., has completed plans for a hotel, to be erected at the corner of 54th St. and So. Park Ave. near Joseph Crosby, 3 stories, lobby and 2nd floor, frame, 100 ft. x 100 ft., 3 stories and part basement, 13 by 136 ft., comp. rlg., plaster ext., metal bath, tile bath, steam heat, sys., plate glass, storage water hot, pine trim, \$15,000.

DIXON, Solano Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates \$973,400 to finance const. and extension of 220,000-volt double circuit tower line from the Yuba-Dixon substation to site of new Contra Costa substation in vicinity of Antioch; will be 29.1-mi. in length.

DENVER, Colo.—See "Government and Supplies," this issue. Bids wanted for turbines, transformers and switching apparatus.

FETALUMA, Sonoma Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by C. V. Roberts, city clerk, to remodel lower portion of city hall. Separate bids, same date, to remodel 2nd and 3rd floors of city hall. Cert. check 10% req. with bid. Plans on file in office of clerk.

AUBURN, Placer Co., Cal.—City trustees contemplate bond issue for \$20,000 to finance erection of new fire station in High St. near Lincoln Highway.

PUBLIC BUILDINGS

Plans Being Prepared.
CITY HALL, Cost, \$10,000
DUNSMUIR, Siskiyou Co., Cal.
City Hall Building. Reinforced concrete construction with cement exterior, tile and composition roof, cement and wood floors.
Owner—City of Dunsmuir.
Architect—Woodlett and Lamb, Mull Bldg., Sacramento.

LOS ANGELES, Cal.—Until 2 p. m., Sept. 15, bids will be rec. by co. super. for builders hardware for new Hall of Justice, Temple St. bet. N Broadway & Euclid Vieta St. Plans and spec. on file at office mechan. dept., 10th fl., Hall of Records.

VALLEJO, Solano Co., Cal.—City council will provide \$20,000 in 1924-25 budget to finance erection of city hall. Solano county supervisors have appropriated \$30,000 to be added to the amount provided by the city of Vallejo, whetever the city will provide quarters for a branch county jail in the new structure. Alf. E. Edgecumbe is city clerk.

OAKLAND, Cal.—Alameda County Board of Supervisors will seek financial aid of Oakland city council to finance construction of World War Veterans memorial building. A joint meeting will be called shortly to discuss the proposal.

MONROVIA, Los Angeles Co., Cal.—Stanston & Hubert, 1210 W. 68th St., have been awarded the general contract at \$37,734 for erecting fire station and police station and garage, on Ivy St., Monrovia, for the City of Monrovia. Plans by Paul R. Williams and Milton Nigg, 1400 Stock Exchange Bldg., Los Angeles. Reinforced concrete construction, 1-story and two-story, plaster exterior, tile roofing, gas heating system, storage water heater, plate glass, metal skylights. Electric wiring contract has been awarded to Woodill & Patterson, 118 E. 3rd St., at \$2035 and plumbing to F. H. Walker, Monrovia, at \$4000.

BAKERSFIELD, Kern Co., Cal.—Supervisors have \$10,000 available to erect two branch libraries. One will probably be erected at Olddale and another at Shafter. F. E. Smith is county clerk.

WATSONVILLE, Santa Cruz Co., Cal.—City Board of Aldermen will appoint architect shortly to prepare plans and specifications for remodel city hall. M. M. Swisher is city clerk.

INGLEWOOD, Los Angeles Co., Cal.—Until 3 P. M., Sept. 8, 1924, bids will be received by Inglewood City Clerk for a frame city jail and a frame fire engine house at Inglewood in accordance with plans and specifications on file with city engineer, Arthur W. Cory. Deposit of \$5 for plans, to be refunded. Cert. or cash check or bid bond, 5%. Otto H. Deuker, city clerk.

WILLIAMINGTON, Los Angeles Co., Cal.—Wallace & Brush, 1245 E. 1st St., Long Beach, have contract at \$45,000 for two-story, brick store and hotel building at the corner of Wilmington Blvd. and Newport Ave., Wilmington, for Otto Andrews, 525 E. 4th St., Long Beach. Plans by Dornick & Bobbe. Building will contain 100 rooms on second floor. Draperies, \$25,000, plaster exterior, composition roof, cement and hardwood floors, plate glass.

POWER PLANTS

SAN FRANCISCO—Pacific Tel. and Tel. Co., 333 Grant Ave., authorizes expenditure of \$15,920 for additional cable facilities in vicinity of 2nd and Folsom streets for Kearny office. Company authorizes \$14,960 for 27,000 duct ft. of creosoted wooden conduit in vicinity of Chestnut and Baker streets.

LOS ANGELES, Cal.—Bids rec. by bid. pub. wks. for (a) approx. 20 ft. 16 duct conduit, per ft.; (b) approx. 2500 ft. 8 duct conduit, per ft.; (c) approx. 1075 ft. 4 duct conduit, per ft.; (d) approx. 3250 ft. 2 duct conduit, per ft.; (e) 11 manholes; were:

John R. Davies—(a) \$1.88; (b) \$3.21; (c) \$2.53; (d) \$2.31; (e) \$17.60.
Thos. Haverty Co.—(a) \$3.85; (b) \$4; (c) \$3.05; (d) \$2.50; (e) \$34.25.
W. A. McNally—(a) \$7.01; (b) \$3.18; (c) \$2.39; (d) \$1.80; (e) \$19.91.
R. F. Ware—(a) \$7.50; (b) \$3.75; (c) \$2.55; (d) \$2.20; (e) \$18.15.

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LOS ANGELES, Cal.—Water Dept. of Public Service Comm., Room 707, 207 S. Broadway, has completed plans for a shop building to be erected on Ducommun St., between Alameda and Hewitt Sts. Dimensions, 100x460 ft., 56 ft. high, steel frame and reinforced concrete construction, brick and concrete exterior walls, reinforced concrete roof slab, mezzanine floor, 25x200 ft., steel sash, 16,000 sq. ft. wire glass, fire doors, plumbing, 5-ton traveling crane. Baker Iron Works, has the contract for furnishing and erecting 500 tons of structural steel.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 15, 10 A. M., bids will be received by F. E. Smith, county clerk, to erect two-story brick juvenile detention home at Kern County General Hospital Site E, East Bakersfield at an approximate cost of \$25,000. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10 payable to clerk req. Plans obtainable from architect on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

RESIDENCES

Plans Being Figured. Cost, \$12,000
RESIDENCE
SAN FRANCISCO, St. Francis Wood.
Two-story frame and plaster 8-room residence and garage with tile roof.
Owner—Withheld.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.

Plans Being Figured. Cost, \$10,000
RESIDENCE
SAN FRANCISCO, Vallejo Street W of Broderick.
Two-story and basement frame and stucco 7-room residence, Spanish architecture.
Owner—Emil Lapachet.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Plans Being Figured. Cost, \$15,000
RESIDENCE
SAN FRANCISCO, Marina Blvd.
Two-story frame and stucco residence and garage (9 rooms).
Owner—J. Scharlin.
Architect—Sam L. Hyman & A. Appleton, 68 Post St., San Francisco.

Plans Being Prepared. Cost, \$12,000
RESIDENCE
NEAR UKIAH, Mendocino Co., Cal.
Two-story frame and stucco country residence.
Owner—C. R. Havens, 114 Sansome St., San Francisco.
Architect—B. G. McDougall, 357 Sacramento St., San Francisco.

Contract Awarded. Cost, \$12,624
RESIDENCE
SAN FRANCISCO, Ptn lots 9 & 10 Blk 22 Map St. Francis Wood Extn. No. 2.
Two-story and basement frame residence and garage.
Owner—Solomon J. & Byrd H. Vogel, 359 16th Ave., S. F.
Architect—Chas. F. Masten & Lester W. Hurd, 272 Post St., S. F.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.

Plans Being Figured. Cost, \$50,000
RESIDENCE
OAKLAND, SE Cor. Montecito Ave. & Bay Place.
Two-story brick parish residence.
Owner—Wardens & Vestry of St Paul's Parish, Oakland.
Architect—B. G. McDougall, 357 Sacramento St., Oakland.

Plans Being Figured. Cost, \$10,000
RESIDENCE
RICHMOND, Contra Costa Co.
Two-story frame and stucco residence.
Owner—Dr. U. S. De Lapp.
Architect—James T. Narbett, 910 MacDonald Ave., Richmond.

Plans Being Completed. Cost, \$10,000
HOUSE
LOS GATOS, Santa Clara Co., Cal.
Two-story frame country house (8 rms.).
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared. Cost, \$25,000
RESIDENCE
SAN FRANCISCO, Washington St. near Laurel.
Two-story frame and stucco residence and garage. (tile roof).
Owner—Dr. Adolph H. Nahman, 901 Divisadero St., S. F.
Architect—S. L. Hyman & A. Appleton, 68 Post St., San Francisco.

Plans Being Figured. Cost, \$16,000
RESIDENCE
SAN JOSE, Santa Clara Co., Calif.
Two-story frame and stucco 10-room residence.
Owner—Dr. J. H. Shepherd.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

ENTERPRISE, Butte Co., Cal.—Until Sept. 8, 1 p. m., bids will be received by J. W. Libbie, clerk, Mountain Spring School District, to erect teacher's cottage. Cert. check 10—req. Plans obtainable from clerk.

Contract Awarded. Cost, \$21,000
RESIDENCE
BERKELEY, 35 Roble Court.
Two-story frame and stucco residence and garage.
Owner—J. Galloway, 76 Oak Ridge Rd., Berkeley.
Architect—Wm. C. Hays, 2924 Derby St., Berkeley.
Contractor—Walter Sorenson, 2940 Piedmont Ave., Oakland.

PASADENA, L. A. Co., Cal.—Karl J. Moiler, 375 Del Monte St., Pasadena, has the gen. contr. to erect a \$30,000 2-story 10-room frame Spanish dwlg. on Mendocino St., opp. the Pasadena Country Club, Pasadena, for K. H. Roby. Cem. gun ext. tile fl., hardwood fls., tile baths, drainbds., and mantels, garage with man's apt., ice machine, laundry, septic tank sewage disposal sys. Marston, Van Pelt & Maybury, 25 S Euclid Ave., Pasadena, archts.

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ON FRIDAY, August 29th.

THE SAN FRANCISCO Chronicle.

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"I THANK you."



They are going to have an old fashion dance at "Builders' Day" at Santa Cruz on August 30th, 31st and September 1st. Among the dancers will be Bill & Clement Feary, Chris Ornamental Iron Hillard, Steve Plaster Guerin, Joe Mill Valley Odgers, Emil Brick Howberg, Charles Luther, producer of clean, Santa Rosa Cleghorn, Joe Glass Crowe and Sandy Pratt, producer of clean, sharp sand, hard, sharp, crushed rock and well washed gravel.

Plans Complete.
RESIDENCE. Cost, \$41,100.
SAN FRANCISCO, N. Baltimore and 26th
and E. Naylor and Alameda, S. F.
Twelve-story and basement frame
residence.
Owner—Cracker Estate Co., 25 Cracker
Bldg., S. F.
Architect—None.

Plans Being Completed.
RESIDENCE. Cost, \$25,000.
MEDMONT, Alameda Co., Cal.
Two-story and basement frame residence,
garage, fountains, landscaping, etc.
Owner—A. P. Parker.
Architect—W. H. Ratcliff, Jr., Mercantile
Trust Bldg., Berkeley.
Plans will probably be out for figures
this week.

Figures To Be Taken Soon.
RESIDENCE. Cost, \$25,000.
SAN FRANCISCO, San Benito Way St.
Francis Wood.
Two-story and basement frame and
stucco Spanish type residence.
Owner—W. F. Altavator, 2565 Mission,
San Francisco.
Architect—Baumann & Jose, 251 Kearny
St., San Francisco.

SAN MATEO, San Mateo Co., Cal.—
S. A. Born Bldg. Co., Monadnock Bldg.,
San Francisco, will expend approximately
\$3,000,000 during the next two
years in the erection of modern residences
and bungalows in the Peninsula
district, particularly in San Mateo
and Burlingame.

PASADENA, L. A. Co., Cal.—G. Lawrence
Stimson, 308 Braley Bldg., Pasadena,
has a contract to erect a \$23,500
2-story 11-room frame dwelling at 1101
S. El Molino Ave., Pasadena, for Arthur
W. Colby, 318 W. Doran St., Glendale.
Found., 57x85 ft., tile fl., stucco ext.,
hardw. fls., tile baths and drainbd.,
unit heating.

Plans Complete.
RESIDENCES. Cost, \$3,000 each.
OAKLAND, W. 69th Ave. Pl. 715 752 790
827 865 1015 1052 1097 N. 69th Ave.
Eight 1-story 5-room frame residences.
Owner—S. V. Davidow, 1620 69th Ave.,
Oakland.

SCHOOLS

Bids Rejected.
SCHOOL. Cost, \$12,000.
CONCORD, Contra Costa Co., Cal.
One-story frame grammar school auditorium building.
Owner—Concord Grammar School District.
Architect—James T. Nabett, 910 Macdonald
Ave., Richmond.
All bids were rejected as being too high.

Plans Being Completed.
SCHOOL. Cost, \$100,000.
SAN FRANCISCO, Eureka St. bet.
22nd and 23rd Sts.
2-story reinforced concrete 21-classroom and
auditorium school.
Owner—City and County of San Francisco
(Alvarado Elementary School).
Architect—G. Albert Lansburgh, 140
Montgomery St., San Francisco.
Bids will be called for about the 15th
of October.

Completing Plans.
SCHOOL. Cost, \$400,000.
SAN FRANCISCO, Haight Masonic and
Central Avenue.
Two-story reinforced concrete with
terra cotta trimming, 24-classroom
elementary school.
Owner—City and County of San Francisco.
(Dudley Stone Elementary).
Architect—John Reid Jr., First Natl.
Bank Bldg., S. F.
Bids will be called for about the 1st
of October.

Bids To Be Asked Sept. 1, 1924
SCHOOL. Cost, \$450,000.
SAN FRANCISCO, 22nd Ave. bet. Clement
and California Sts.
Two-story reinforced concrete and
brick elementary school 24-classrooms.
Owner—City and County of San Francisco.
(Alamo School).
Architect—Miller & Pfitzner, Lick
Bldg., S. F.

LOS ANGELES, Cal.—Until 9 a. m.,
Bids To Be Opened Sept. 3, 1924—Plans
Being Figured.
GYM. BLDG. Approx. \$10,000.
SANTA CLARA, Santa Clara Co., Cal.
One-story brick veneer gym. bldg. and
frame bleachers.
Owner—Santa Clara High School.
Architect—Herman Krouse, 601 Coe St.,
San Jose.

INGLEWOOD, Los Angeles Co., Cal.—
Date for opening bids for erecting a
two-story and basement brick fine arts
building at the Inglewood union high
school campus, Inglewood, has been
postponed from 8 P. M., Aug. 22nd, until
8 P. M., Sept. 5th. George A. Howard,
Jr., 820 Story Bldg., is the architect.

BAKERSFIELD, Kern Co., Cal.—
Until Oct. 6, 8 P. M., bids will be received
by Boyce R. Fitzgerald, Clerk,
Kern County Union High School District,
to erect two-story brick academic
building at high school site.
Chas. H. Biggar, architect, Bank of
Italy Bldg., Bakersfield. Cert. check
10% payable to Bd. of Trustees of
Dist. reg. Plans obtainable from architect
on deposit of \$10, returnable.
See call for bids under official proposal
section in this issue.

Plans Being Figured—Bids Close Sept.
16, 8 p. m.
SCHOOL, ETC. Cost, \$—
ALAMEDA, Alameda Co., Cal., block
bounded by Central and Alameda
Aves., Walnut and Oak Sts.
Fireproof high school and remodeling
of existing high school building.
Owner—City of Alameda, C. J. Du
Four, secy. Board of Education.
Architect—Carl Werner, Santa Fe Bldg.
San Francisco.

See call for bids under official proposal
section in this issue.

Bids To Be Taken Shortly.
SCHOOL. Cost, \$40,000.
One-story frame and plaster school (4
rooms and auditorium).
Owner—Mount Eden School District.
Architect—Wolfe & Higgins, Auzeais
Bldg.

EAGLE ROCK, Los Angeles Co., Cal.—
Architect Richard D. King, 519 Van
Nuyes Bldg., is preparing preliminary
plans for a 12-unit grammar school
building to be erected at the San Rafael
school site, Eagle Rock, for the
Board of Education. Brick walls, one-
story and part basement, tile roofing,
maple floors, slate blackboards, pine
trim, folding partitions. Cost, \$84,000.

BERKELEY, Alameda Co., Cal.—Until
Sept. 2, 4 p. m., bids will be rec.
by Clyde Blanchard, secy. Board of
Education, 2183 Alston Way, to furnish
manual training equipment for
school dept. Cert. check 10% payable
to Board of Educ. reg. Further information
obtainable from secretary.

BAKERSFIELD, Kern Co., Cal.—
Until Sept. 6, bids will be received by
Louis Pleri, clerk, Paloma School District,
to erect one-room frame lunch
room and separate domestic science
cottage school. Cert. check 10% reg.
with bid. Plans on file in office of
County Supt. of Schools, 103 Court-
house, Bakersfield. (Bids will be rec.
Sept. 6 and opened Sept. 8.)

PINEDALE, Fresno Co., Cal.—Until
Sept. 5, 2 P. M., bids will be received
by C. A. Morehouse, Clerk, Pinedale
School District, to erect elementary
school building, including works.
Ernest J. Kump, architect, Rowell
Bldg., Fresno. Cert. check 10% payable
to clerk reg. Plans obtainable
from W. F. Jennings, building manager,
819 Mattei Bldg., Fresno.

FRESNO, Fresno Co., Cal.—Until
Sept. 4, 8 P. M., bids will be received
by C. C. Coleman, clerk, Bullard School
District, to complete classroom additions,
for additions to teachers' residence
including painting and plastering
exterior of main school building. Certified check 10%
payable to clerk reg. Plans obtainable
from W. F. Jennings, building manager,
819 Mattei Bldg., Fresno. Plans
obtainable from building manager.

BAKERSFIELD, Kern Co., Cal.—
Until Sept. 6, 8 p. m., bids will be rec.
by C. J. Russell, clerk, Vineland School
District, Route 1, Box 238, Bakersfield,
to erect 2-classroom brick addition to
present school. Glass and Dupes, architects,
New Fish Bldg., Bakersfield.
Cert. check 10% payable to District reg.
Plans obtainable from architects. Bids
received recently were rejected. The
lowest bid was for approx. \$16,000.

SONORA, Tuolumne Co., Cal.—Until
Sept. 5, 10 a. m., bids will be received
by Mrs. O. M. Coffill, clerk, Sonora
Grammar School District, to fur. and
lay linoleum in Sonora grammar school
also to furnish and install 35 ft. square
trap (or equal) movable chair desks.
Cert. check 10% payable to clerk reg.
Specifications obtainable from office
of clerk at Sonora.

SANTA MONICA, L. A. Co., Cal.—
Until 8 p. m., Sept. 8, bids will be rec.
by Bd. of Ed. of Santa Monica City
School Dist. and Santa Monica City
High School Dist. at 1333 5th St., Santa
Monica, for furniture, mechanical arts,
gymnasium & domestic science equipment,
window shades and bldg. matl.
Cash or cert. check 5%. Theo. H.
Schoenwetter, secretary.



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(Patent applied for)

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CALIFORNIA CEDAR PRODUCTS COMPANY
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MADERA, Madera Co., Cal.—Until Sept. 8, 5:30 p. m., bids will be received by H. C. Austin, clerk, Madera School District, to fur and install window shades in Lincoln school and annex. Samples must accompany bids. Further information obtainable from clerk.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 16, 11 a. m., bids will be received by John M. Ridd, secretary Alhambra Union High School District, to erect one-story frame (rustic) shop building at rear of present gymnasium building. Will be 60 by 85 ft. Plans by George C. Streiff, high school instructor. Cert. check 10% paid to Board of Trustees of dist. req. Plans obtainable from secretary on deposit of \$10 retunable.

VENICE, L. A. Co., Cal.—Until 1 p. m., Sept. 11, bids will be rec. by Venice City Schools for proposed new school on Martha Washington school grounds. Venice, in accordance with plans and spec. by Archt. Francis D. Rutherford, D. D. Smith, assoc., 205 Mills-Fraser Bldg., Santa Monica, and 200 Parkhurst Bldg., Venice. Separate bids on general, elec. wiring, plastering, plumbing and heating, and painting. Deposit of \$10 for plans, to be refunded. Cash or cert. check or bid bond 5%. W. F. McConnell, clerk.

FRESNO, Fresno Co., Cal.—Until 2 p. m., Sept. 5, bids will be rec. by Pine-dale School Dist., Fresno Co., at Pine-dale Postoffice, for grammar school bldg. Plans and spec. by Ernest C. Kump Co., Fresno. Cert. check 10% C. A. Morehouse, clerk.

LONG BEACH, L. A. Co., Cal.—Contracts were awarded as follows for erecting a new unit at the Lincoln grammar school, Long Beach, J. D. Sherer & Son, 1855 W. Anaheim Ave., Long Beach, gen. contr., \$49,439; L. A. Walchris, plastering, \$4685; Hickman Bros., plbg., \$3690; Custer Wetzel Elec. Co., wiring, \$2450; E. Brach, heating, \$8015; Joseph H. Roberts and W. Wellington Smith, 413 Marine Bank Bldg., Long Beach, assoc. engr. and archt. Eight classrms., principal's rm., teacher's rms., kindergarten, nurses' rms., 300-seat auditorium. Conc. found., corridor fls. and stairs, face brick ext., brick walls, art stone trim, tile and comp. rf., steam htg., beech or begac classrm fls.

MADERA, Madera Co., Cal.—Until Sept. 8, 5:30 p. m., bids will be rec. by H. C. Austin, clerk, Madera School District, to install wiring and gongs in Lincoln School building. Further information obtainable from clerk.

LOS ANGELES, Cal.—Archit. A. C. Martin, 228 Higgins Bldg., is preparing plans for a group of senior high school bldgs. to be erected at the Lomita senior high school site on Walnut St., bet. Redondo Blvd. and dPolomo St., Lomita, for the board of education; there will be a 3-story classroom and administration bldg. 70x257 ft., a 1-story manual arts and shop bldg. 32x84 ft., a 1-story domestic science bldg. with kitchen, cafeteria, 32x84 ft., an auditorium bldg. with a seating capacity of 1200 people, 120x70 ft., and a 1-story locker room and shower bath bldgs. Brick walls, reinf. conc. corridor and stair constr., cement and maple fls., slate blackboards, steam htg. sys., pine trim, east stone; \$350,000.

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SAN DIEGO, San Diego Co., Cal.—John D. Spreckels has donated tract of land in Morena for school purposes. School board is having plans drawn for new building.

LEMOORE, Kings Co., Cal.—Forkner Bros., Lemoore, at \$1175 awarded contract by Lemoore Union High School District to construct concrete fuel tank at high school. W. H. Weeks, architect, 369 Pine St., San Francisco.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 5, 12 m., bids will be rec. by J. H. Rainwater, clerk, Hester School District, to fur and install 36 movable chair desks. Further information obtainable from clerk.

YUBA CITY, Sutter Co., Cal.—The following bids were opened by J. S. Cope, clerk of the Board of Trustees of the Lincoln School District, for the construction of a three-classroom frame and stucco school building according to plans and specifications by Architect Geo. C. Sellon, Calif. State Life Bldg., Sacramento:

Concrete and Carpentry
Herndon & Miller, Sacramento, \$7920
Harry Robertson, 9450
Holdener Construction Co., 10,335
W. J. Shalve, 11,350

Plumbing
Thos. S. Scollan, 2919 T St., Sacramento, \$2540
Herman Bosch, 3540
W. J. Shalve, 3793

Painting
W. J. Shalve, Chico, Cal., \$1250
Conrad Schneider, 1841

Sheet Metal
Sinclair & Bessey, 1119 6th St., Sacramento, \$390
Frank Ahl Sheet Metal Works, 652

Roofing
The Allyn Burr Co., 11th and R Sts., Sacramento, \$543

Electrical Work and Electrical Heating
W. J. Shalve, 557,765
Booth & Herbert, 5778,00
Latouretts-Fical Co., 5980,00
Luppen-Hawley Co., 5990,00
All bids are being held under advisement.

SANTA MONICA, L. A. Co., Cal.—J. F. Kobler, 932 Rimpau Blvd., awarded contr. at \$46,996 (including price for cork carpets) for new Franklin school at Santa Monica. Amer. Elec. Constr. Co., 757 9th St., awarded elec. wiring at \$1691.90 and J. D. Young, Santa Monica, awarded plumbing at \$4575. Plumbing and heating award, deferred until Aug. 25, Francis D. Rutherford, archt., Mills-Fraser Bldg., Santa Monica.

EL PASO, Tex.—S. E. Patton, supervising architect of El Paso Public Schools, is inspecting California schools for new ideas to be incorporated in new vocational group at El Paso for which \$500,000 bonds were recently voted.

LOS ANGELES, Cal.—Architects Monro & Bordaux, International Bank Bldg., have been commissioned to prepare plans for a new school to be erected at El Sereno school site. E. L. Ellingwood was appointed heating engineer. The building is to cost \$80,000.

LOS ANGELES, Cal.—Architect John J. Frauenfelder, 1116 Story Bldg., Los Angeles, is preparing plans for a 12-unit grammar school building to be erected at the Graham school site, Graham Station, for the Board of Education. It will contain 8 classrooms and auditorium to seat about 250 people. Brick walls, two-story tile roofing, plaster exterior, maple floors, pine trim, reinforced concrete corridor and stair construction, slate blackboards. Cost, \$84,000.

BANKS, STORES & OFFICES

Plans To Be Revised. Cost, \$16,000
BANK BLDG.
111 KINGAME, San Mateo Co., Calif.
One-story brick building.
Owner—Daniels Bros.
Architect—O'Brien Bros., 315 Montgomery St., S. F.

Contract Awarded. Cost, \$7000
STORE BLDG.
MODESTO, Stanislaus Co., Cal.
One-story brick and concrete addition to store building.
Owner—J. C. Penney Co., 923 10th St., Modesto.
Designer & Contractor—Geo. J. Ulrich, 1425 Stoddard Ave., Modesto.

Contract Awarded. Cost, \$25,000
OFFICE BLDG.
REDWOOD CITY, San Mateo Co., Cal.
Broadway.
Two-story reinforced concrete office building.
Owner—San Mateo County Bldg. & Loan Ass'n., 90 Broadway, Redwood City.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
Contractor—Arthur Payne, Oak Knoll, Redwood City.

Contract Awarded. Cost, \$15,000
STORE & ELDG.
REDWOOD CITY, San Mateo Co., Cal.
Broadway and El Camino Real.
One-story frame and stucco store building (11 stores).
Owner—S. S. Stafford.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
Contractor—Louis Pollard, 55 Brewster St., Redwood City.

Plans Being Figured. Cost, \$35,000
STORE & LOFT
SAN FRANCISCO. Fifteenth and Mission Streets.
Two-story Class C store and loft bldg. Owner—Withheld.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

Plans Being Figured. Cost, \$100,000
STORE
SALINAS, Monterey Co., Cal.
Two-story reinforced concrete department store.
Owner—Farmers Mercantile Assn., Salinas.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Plans To Be Prepared. Cost, \$—
REMODEL
HANFORD, Kings Co., Cal.
Remodeling of brick store bldg. for banking quarters.
Owner—Bank of Italy, San Francisco.
Architect—H. A. Minton, Monadnock Bldg., San Francisco.

Plans To Be Figured Next Week. Cost, \$90,000
BANK BLDG.
SAN FRANCISCO, SE Cor. 23rd and Mission Sts.
One-story reinforced concrete bank bldg. (35x90).
Owner—Liberty Bank, 948 Market St., San Francisco.
Architect—H. A. Minton, Monadnock Bldg., San Francisco.

Figures To Be Taken Shortly. Cost, \$25,000
STORE BLDG.
BERKELEY, Shattuck Ave. and Vine St.
One-story reinforced concrete store bldg. (5 stores).
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

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Intensive individual instruction under highly trained, experienced teachers.

Contract Awarded.
STORE BLDG. Cost, \$10,000
OAKLAND. E. Franklin St. 30 N 8th St.
 one-story brick store bldg.
 Owner—Healy Bros. Co., 406 11th St.,
 Oakland.
 Contractor—M. F. Schmalzstein, 733
 E-17th St., Oakland.

Sub. Contracts Awarded.
OFFICE BLDG. \$2,500,000 approx.
SAN FRANCISCO. New Montgomery
 and Minna Streets.
 Twenty-six-story class A steel and re-
 inforced concrete office building
 with terra cotta exterior.
 Owner—Pacific Telephone & Telegraph
 Company.
 Architect—Miller & Pflueger, Associ-
 ated with A. A. Cantin, Foxcroft
 Bldg., San Francisco.
 Contractor—Lindgren-Swinerton Co.,
 Inc., Standard Oil Bldg., S. F.
Electrical work to Buile Elec. Equip-
 ment Co., 530 Folsom St., S. F., at
 \$145,000.

Sprinkler system to The Turner Co.,
 272 Natoma St., San Francisco.
 As previously reported, brick work
 was awarded to McNear Brick Co. and
 Richmond Brick Co.; terra cotta to
 Gladding, McBean & Co.; elevators to
 Otis Elevator Co.

Sub Contract Awarded.
OFFICE BLDG. \$2,500,000 approx.
SAN FRANCISCO. New Montgomery
 and Minna Streets.
 Twenty-six-story class A steel and re-
 inforced concrete office building
 with terra cotta exterior.
 Owner—Pacific Telephone & Telegraph
 Company.

Architect—Miller & Pflueger, Associ-
 ated with A. A. Cantin, Foxcroft
 Bldg., San Francisco.

Contractor—Lindgren-Swinerton Co.,
 Inc., Standard Oil Bldg., S. F.

Plumbing awarded to Alexander Cole-
 man, 706 Ellis St., S. F.
 As previously reported, electrical
 work was awarded to Buile Electric
 Equipment Co., 530 Folsom St., S. F., at
 \$145,000; sprinkler system to The Turner
 Co., 272 Natoma St., S. F.; brick
 work to McNear Brick Co. and Rich-
 mond Brick Co.; terra cotta to Glad-
 ding, McBean & Co.; elevators to Otis
 Elevator Co.

LOS ANGELES, Cal.—Architect J. M.
 Cooper, 321 Marsh-Strong Bldg., has
 completed plans for a ten-story class
 A store and loft building to be erected
 on Los Angeles St., between 10th and
 11th Sts., for the Klein-Norton Co. Di-
 mensions, 60x150 ft., reinforced con-
 crete construction, pressed brick fac-
 ing, cement floors, steam heating sys-
 tem, steel sash, plate glass, electric
 elevators, pine trim, metal skylights,
 basement. There will be stores on the
 first floor with lofts above.

PALO VERDE, Imperial Co., Cal.—
 Archts. Weber, Staunton & Spaulding,
 1017 Hibernian Bldg., are preparing
 plans for a store and office bldg. to be
 erected at the Malaga Cove Plaza,
 Palos Verdes, for W. W. Garner; it will
 have 4 stores on first fl. and the Palos
 Verdes Project will be on the second
 fl. Brick walls, 2-story and basement,
 plaster ext., tile rfg., pine fls. and
 trim, 61x142 ft., plate glass, gas htg.
 sys., water htr.

Contract Awarded.
ALTERATIONS Cost, \$10,505
SAN JOSE. S. Santa Clara St., bet. Or-
 chard and Vine Sts.
 Alterations to building.
 Owner—Elsa W. Campen, 435 So. 7th
 St., San Jose.
 Architect—Herman Krause, Bank of
 San Jose Bldg., San Jose.
 Contractor—Morrison Brothers, 1310
 Liberty St., Santa Clara.

Owner Taking Figures.
STORE & OFFICE Cost, \$15,000
SAN FRANCISCO. Battery bet. Com-
 mercial and Clay Sts.
 Two-story & basement reinforced con-
 crete store and office bldg.
 Owner—Albert Knorr, 1027 Ellis St.,
 San Francisco.
 Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Plans Being Figured.
BLDG. Cost, \$35,000
SACRAMENTO. K Street.
 One-story and basement brick store
 building.
 Owner—Hart Bros.
 Architect—Deas & Dean, City Library
 Bldg., Sacramento.

Contract Awarded.
STORE BLDG. Cost, \$10,000
OAKLAND. 9th and Franklin Sts.
 Alter 1-story class C garage into store
 bldg. (6 stores).
 Owner—T. W. Corder, 67th and Bay
 Sts., Oakland.
 Architect—M. V. Politeo.
 Contractor—E. P. Stone, 1212 Carrison
 St., Berkeley.

Plans Being Prepared.
STORE BLDG. Cost, \$20,000
OAKLAND. Perry and Grand Ave.
 One-story brick store bldg. with terra
 cotta and brick veneer front (four
 stores).

Owner—E. McHenry.
 Architect—Leonard H. Ford, 306 14th
 St., Oakland.

Plans Being Prepared.
ALTERATIONS Cost, \$4,000
SAN LEANDRO. Alameda Co., Cal.
 Alterations to brick store building.
 Owner—W. L. Doarte.
 Architect—Miller & Warnecke, Artico
 Bldg., Oakland.

NEAR GARDENA, L. A. Co., Cal.—
 Archt. A. C. Zimmerman, 836 H. W. Hell-
 man Bldg., is completing plans for
 a class A bldg., to be erected at Roose-
 velt Memorial Park, near Gardena, for
 the Park Development Co.; the bldg.
 will be used to house a large pipe or-
 gan. Reinf. conc. constr., 30x50 ft., 50
 ft. high, cement gun extgr., Gladding-
 McBean tile rfg., cem. fls., a Wurli-
 tzer pipe organ is to be installed at a
 cost of \$150,000.

RICHMOND, Contra Costa Co., Cal.
 —Chas. S. Renwick, 1225 Nevin St.,
 has purchased four lots in Tenth St.,
 near Macdonald Avenue, 100 by 100 ft.,
 and will erect one-story and mezzanine
 floor store building for the Richmond
 Furniture Company, Inc.

LONG BEACH, L. A. Co., Cal.—The
 Vesseline Marble & Tile Co. has \$125,-
 000 marble contr. and the Mosler Safe
 Co. has the \$60,000 vault door contract
 for the 12-story class A bank and of-
 fice bldg. being erected at First St.
 and Pine Ave., Long Beach, for the
 Security Tr. & Sav. Bank. Curlett &
 Beechman, L. A., and Parker O. Wright
 and Francis H. Gentry, assoc. archts.
 and engrs.

LOS ANGELES, Cal.—California Conc
 Form Constr. Co., 656 S. Vermont Ave.,
 has the contract at about \$180,000 to
 erect a class C loft bldg., at 335 S. San
 Julian St., for T. M. Trias, J. A. Lar-
 raide, 100 Stock Exchange Bldg., archt.
 Dimen., 45x145 ft., brick walls, 2-story,
 pressed brick facing, cement and maple
 fls., steel sash, metal skylights, plate
 glass, no htg., pine trim, wood roof
 trusses.

THEATRES

Plans to be Figured Next Week.
ALTERATIONS Cost, \$40,000
PETALUMA, Sonoma Co., Cal.
 Extensive alterations to Hill Opera
 House (Class C Bldg.)
 Owner—T. & D. Jr. Enterprises, Inc.
 Architect—Mark Jorgensen, 110 Sutter
 St., San Francisco.

Figures to be Taken Shortly.
STORE & THEATRE Cost, \$100,000
SAN MATEO. San Mateo Co., Cal.
 Third Avenue.
 Reinforced concrete store and theatre
 building.
 Owner—B. Getz, Chronicle Bldg., San
 Francisco.
 Architect—Morrow & Garren, Chronicle
 Bldg., San Francisco.

Contract Awarded.
THEATRE Cost, \$19,450
KING CITY, Monterey Co., Cal.
 One-story reinforced concrete or hol-
 low tile motion picture theatre.
 Owner—Leslie Hables.
 Architect—Miller & Warnecke, Perry
 Bldg., Oakland.
 Contractor—Hansen, Robertson and
 Zumwalt, 4145 Broadway, Oakland.

Plans Being Prepared.
THEATRE BLDG. Cost, \$175,000
OAKLAND. Grand, Lakeside & Walker
 Avenues.
 Two-story class A theatre building,
 (1800 seating capacity).
 Owner—A. C. Karski and Louis Ka-
 liski.
 Architect—Reid Bros., 105 Montgomery
 St., San Francisco.

Plans Being Revised.
THEATRE BLDG. Cost, \$90,000
SAN FRANCISCO. Mission St., between
 26th & 27th Sts. (Aztec Theatre).
 One-story reinforced concrete class A
 motion picture theatre bldg. (850
 seats).
 Owner—J. F. Young Imp. Co.
 Architect—Reid Bros., 105 Montgomery
 St., San Francisco.
 It is planned to erect store bldgs.
 adjoining the theatre covering 350 ft.
 frontage.

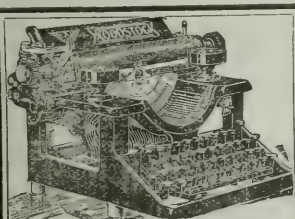
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 Res. Phone Mission 5228

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Plans Being Figured.
THEATRE Cost, \$6000
OAKLAND, 14th and Broadway.
 Re-decorate theatre bldg.
 Owner—Star Theatre.
 Architect—M. T. Jorgenson, 110 Sutter St., San Francisco.

Contract Awarded.
THEATRE Cost, \$50,000
SAN FRANCISCO, N Jackson 107-11 W Kearny.
 Class A theatre building.
 Owner—Young Wee Lun Hop Theatrical Co., 801 Grant Ave., S. F.
 Architect—N. W. Mohr, 320 California St., San Francisco.
 Contractor—J. A. Hill, 6530 Tremont St Oakland.

ALHAMBRA, L. A. Co., Cal.—Arch't. H. M. Banfield, 514 Bryson Bldg., has completed plans for a church bldg. Sunday school and social center bldg. on the n.w. cor. of 4th and Commonwealth Sts., Alhambra, for the First Christian Church; it will have an auditorium and balcony to seat 600 people. The Sunday school and social center bldg. will contain classrooms, kitchen, dining room, etc. Reinf. conc. or brick constr., auditorium unit, 51x91 ft., struc. steel, terrazzo foyer, comp. rfg., pine and cem. fls., gas unit htg. sys., water htr., art glass, art stone trim, pine trim, pews or opera chairs, pipe organ; \$140,000. Bids will be taken soon.

LAS VEGAS, Nev.—Arch't. Richard D. King, 519 Van Nuys Bldg., has completed plans for a theater and office bldg. to be erected at Las Vegas, Nev., for Crating & Eike; the theater will have a seating capacity of 800 people and there will be 2 stores and 6 office suites. Brick walls, plaster exter., tile rfg., plate glass, cement and hardw. fls., steam htg. sys., 2-story and basement, ventilating system.

LOS ANGELES, Cal.—Arch't. E. Hartley Warner Bros. Studio drafting rooms, is preparing plans for an enclosed stage, 3-story property house, and a 2000-seat theater to be erected by day work under the direction of Lewis Geib, supt. of constr. and P. N. Murphy, electrician on the studio grounds at Sunset Blvd. and Van Ness Ave. for Warner Bros. Stage, 110x232 ft., frame and stucco walls, comp. rfg., prop. house, 50x100 ft., same construction. Description of theater not determined.

PASADENA, L. A. Co., Cal.—Willard R. Bell, 1640 E Mountain St., Pasadena, has the gen. contr. for erecting a \$150,000 2-story and 3-story class C theater, store and apt. bldg. at n.w. cor. Washington St. and Prime Ct., Pasadena, for the Barney-Judge interests, W. M. Patch, gen. mgr. Clarence L. Jay, 402 Braley Bldg., Pasadena, and H. M. Patterson, 325 O. T. Johnson Bldg., L. A., assoc. archts. Four stores, 20 offices, 20 apts., and 900-seat theater. Four, 11x206 ft. comp. rfg. walls, stucco exter., tile and comp. rfg., cast stone trim, tile lobby fls., wrt. iron wk., hardwd. apt. fls., tile baths and drainbds., pine trim, disap. beds, gas rads.

WHARVES AND DOCKS

SANTA ANA, Cal.—Until 11 a. m., Sept. 2, bids will be rec. by supervisors to const. crescent pile wharf at Newport Harbor. Plans obtainable on deposit of \$3 from J. L. McBride, co. engr. Cert. check or bond 5% J. M. Backs, clerk. Est. cost, \$6000.

BERKELEY, Alameda Co., Cal.—Mervyn Elwell Co., Foot of 11th St., Oakland, at \$4149 submits low bid to city council to fur. and install 58 new piles at municipal wharf. M. B. McGowan, San Francisco, only other bidder at \$4200. Taken under advisement.

RICHMOND, Contra Costa Co., Cal.—Francis B. Smith, consulting engineer, 58 Sutter St., San Francisco, commissioned by city council to prepare plans to renew fender line at municipal docks. J. A. McVittie is city manager.

SAN DIEGO, Cal.—Election will be held Sept. 10 to vote \$225,000 bond issue to imp. Municipal Pier No. 2 in Bay of San Diego, by constr. and completing w. half of pier, incl. shed, ry tracks, etc.; a \$250,000 bond issue for dredging in San Diego Bay at the foot of Columbia St., to a depth of 22 ft., and constr. of 3000 ft. bulkhead.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
ADDITION Cost, \$15,000
MODESTO, Stanislaus Co., Cal.
 Two-story brick and concrete addition to mortuary.
 Owner—Carl Shannon, 921 12th St., Modesto.
 Designer & Contractor—Geo. J. Ulrich, 1425 Stoddard Ave., Modesto.

Contract Awarded.
STATION Approx. \$28,000
SAN MATEO, San Mateo Co., Cal.
 One-story reinforced concrete railroad station, Mission type architecture, tile roof, stucco exterior.
 Owner—Southern Pacific R. R. Co. 65 Market St., San Francisco.
 Architect—Engineering Dept. S. P. Co.
 Contractor—Cobby & Owsley, 644 Call Bldg., San Francisco.

Plans To Be Figured This Week.
BOAT HOUSE \$8000 to \$10,000
OAKLAND, Alameda Co., Cal., Estuary west of Webster St. bridge.
 One-story frame boat house 50x75.

(Clock tower, stairs, etc.)
 Owner—University of California.
 Designer—H. E. Goodpastor, U of C Berkeley.
 Plans will be obtainable from L. A. Nichols, manager of associated students, University of California, Berkeley.

Sub Contracts Awarded.
RESTAURANT Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. Third Avenue.
 One-story and mezzanine reinforced concrete restaurant.
 Owner—E. Getz.
 Lessee—Noah's Cafe.
 Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
 Contractor—Michell-Jackson Co., San Mateo.

Electrical wiring awarded to Atlas.
Miscellaneous iron to Michel & Pfeffer 1415 Harrison St., S. F.
Glass to Tyre Bros., 666 Townsend St., San Francisco.

Plastering to Weaver Bros., San Mateo
Lumber to S. M. Planing Mill, San Mateo.
Concrete to Nick Slisovich.
Reinforcing steel to W. S. Wetenhall Co., 17th and Wisconsin Sts., S. F.

Plans Being Prepared.
SWIMMING POOL ETC. Cost, \$—
BERMONT, San Mateo Co., Cal.
 Entrance gate and swimming pool.
 Owner—Municipal Properties Co.
 Architect—Bliss & Faville, Balboa Bldg., San Francisco.

The above plans are being prepared in connection with the sub-dividing of a private estate into a residential district.

Contract Awarded.
EXHEDRA Cost, \$12,370
PIEDMONT, Alameda Co., Cal.
 Reinforced concrete exhedra 600 feet in length.
 Owner—City of Piedmont.
 Architect—Meyer & Johnson, 742 Market St., San Francisco.
 Contractor—Fred J. Westlund, 357 12th St., Oakland.

PASADENA, L. A. Co., Cal.—Arch't. Clarence L. Jay, 402 Braley Bldg., Pasadena, is preparing plan for a 3500-crypt mausoleum bldg. to be erected in Glendale for the Grand View Cemetery. Reinf. conc. constr., tile rf., stucco exter., marble and terrazzo, stained glass.

MERCED, Merced Co., Cal.—Until Sept. 10, 10 a. m., bids will be delivered by H. P. Sargeant, secy. Merced Irrigation district, Barcroft Bldg., to fur. and del. 100,000 ft. E. M. redwood lumber, known as "Merchantable" grade. Cert. check 5% payable to dist. recy. Further information obtainable from secretary.

SAN FRANCISCO—Architect E. E. Young, 2002 California St., is taking figures for hardwood flooring for the three-story Class A dance hall and store building now under construction on the southwest corner of Market and Ninth streets, Trowbridge & Perkins are the owners.

CORDELIA, Solano Co., Cal.—J. M. Nelson, supt. at El Solano Stone Company plant, Cordelia, is taking bids to reconstruct quarry bunkers, all materials to be furnished by the owners.

LOS ANGELES, Cal.—Arch't. John M. Cooper, 321 Main Street Bldg., has completed preliminary plans for an ice skating arena to be erected on Melrose Ave. near Vermont Ave. for the Los Angeles Ice Skating Association, C. S. Hopkins, mgr. Brick constr., plaster exter., tile and comp. rfg.; the first fl. will have an arena about 80x180 ft. and there will be locker and dressing rooms, lunch room, etc.

SAN FRANCISCO—Until Sept. 17, 3 p. m., bids will be received by Board of Public Works to construct second story addition to 17th Street Municipal Railway Carbin; est. cost \$150,000. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission St., San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1351—New York. Local distributor for mixture regulator wanted.

D-1352—San Francisco. Individual desires to take 'on lines' of office equipment.

D-1353—Chicago, Ill. Firm desires to secure new accounts. Chicago trade area.

8511—London, England. Exporters of Welsh tin plate desire to get in touch with interested San Francisco importers.

8524—San Francisco. The owner of a first-class import firm in Bremen, Germany, established in 1884, in San Francisco to purchase goods and make connections in lines which can be marketed in central Europe from San Francisco. He also offers lines of European goods to San Francisco importers.

8525—San Francisco. Established import firm desires services of working partner willing to invest substantial amount in business. Party must be willing to devote full time to local office as other active partner desires to give attention to the New York market. 8526—San Francisco. A former representative in this country of Mongolia, Manchuria and Siberia, who is returning to those countries within a short time, desires to get in touch with San Francisco firms and individuals seeking concessions or other business connections.

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inside of the room, a Whitco equipped sash as it is opened, travels away from the sash, and when swung out to an angle of 90° from the frame leaves a space of 4½" between the breeze and the jamb—plenty of opening for the breeze to come in—plenty of room to get at the outside surface for cleaning.

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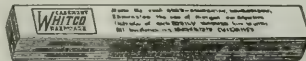
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Official Proposals

NOTICE TO CONTRACTORS

(Academic Bldg. Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Trustees, Kern County Union High School District, Bakersfield, California, up to 8 P. M. of October 6th, 1924, for furnishing all materials and labor necessary for the erection and completion of a two-story brick Academic Building, on the High School site, in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of Ten Dollars (\$10) at the office of Charles H. Elgarr, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole or segregated as noted on the bid form furnished with the specifications.

Bid must be accompanied by a cashier's or certified check in the amount of at least ten per cent (10%) of the amount bid, such check to be made payable to the Board of Trustees, Kern County Union High School District, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to the said Kern County Union High School District, and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, made August 14th, 1924.

W. J. WALTERS, President.
BOYCE R. FITZGERALD, Clerk.

NOTICE TO CONTRACTORS

(Kern County — Juvenile Detention Home)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors, County of Kern, up to 10 A. M. of September 15th, 1924, for furnishing all materials and labor necessary for the erection and completion of a two-story brick Juvenile Detention Home, to be erected on the site of the Kern General Hospital, East Bakersfield, California. Said building to be erected in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of Ten Dollars (\$10) at the office of Charles H. Elgarr, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole or segregated as noted on the bid form furnished with the specifications.

Bid must be accompanied by a cashier's or certified check in the amount of at least ten per cent (10%) of the amount bid, such check to be made payable to the Clerk of the Board of Supervisors, County of Kern, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to re-

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

For any or all bids not deemed advantageous to the said County of Kern, and to waive any informality in any bid received.

By order of the Board of Supervisors, County of Kern, State of California, made August 18, 1924.

E. SMITH,
County Clerk and ex-Officio Clerk of the Board.
Dated: August 19, 1924.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 315 Forum Building, Sacramento, Cal., until 2 o'clock p. m. on Sept. 22, 1924, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Solano County, between 2 miles east of Suisun and Deniverton (X-Sol-53-A), about six and nine-tenths (6.9) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

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General Listing Bureau

Architect's Preliminary Estimates

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERING,
N. T. EDWARDS,

California Highway Commission.
R. M. MORTON,
State Highway Engineer.

W. F. MINON, Secretary.
Dated Aug. 23, 1924.

NOTICE TO CONTRACTORS

(City of Vallejo—Garden Valley Dam)

SEALED PROPOSALS will be received at the office of the City Clerk, Vallejo, California, until 2 o'clock P. M., September 2nd, 1924, for the construction of the Gordon Valley Dam and appurtenances and the furnishing of certain supplies and materials for use in connection therewith.

The work involves—
(a) The excavation of approximately 45,000 cubic yards of material in stripping the foundation for the dam.

(b) The excavation of approximately 20,000 cubic yards of material in stripping the Borrow Pit Sites.

(c) The excavation of approximately 92,000 cubic yards of earth and clay shale for the core trench on the center line of the dam.

(d) The excavation of approximately 18,600 cubic yards of earth and clay shale from the outlet and spillway conduits.

(e) The excavation of approximately 416 cubic yards of earth and clay shale from the outlet tower foundation.

(f) The placing and compacting of approximately 272,000 cubic yards of selected earth material in the core trench and main embankment of the dam and around structures.

(g) The construction of a reinforced concrete control and outlet tower, gate house, outlet conduit, spillway head works and canal and paving the face of the dam, with alternate plans for constructing a concrete lined tunnel in place of the conduit in cut, and paving the face of the dam with hand placed rock instead of concrete.

(h) The supplying of approximately 3350 barrels of Portland Cement.

(i) The supplying of approximately 60,000 pounds of reinforcing steel.

(j) The supplying of cast iron body, bonnet and gate valves.

(k) The supply of castings, standard pipe and fittings, metal fixtures, anchor bolts, etc.

(l) The leasing of the flooded and marginal area of reservoir, embracing a total of approximately 60 acres.

The work will be subdivided and proposals will be received for separate portions thereof under six schedules as follows:

Schedule No. 1, includes items (a), (b), (c), (d), (e), (f) and (g), as above noted. A certified check in the amount of \$15,000 must accompany the bid upon this schedule.

Schedule No. 2, includes item (h) as above noted. A certified check for \$500 must accompany the bid upon this schedule.

Schedule No. 3, includes item (i) as above noted. No certified check will be required with this bid.

Schedule No. 4, includes item (j) as above noted. No certified check will be required with this bid.

Schedule No. 5, includes item (k) as above noted. No certified check will be required with this bid.

Schedule No. 6 includes item (1) as above stated. A certified check for \$250 must accompany the bid upon this schedule.

Plans, specifications, and forms of proposal may be secured from the City Clerk of Vallejo, California, or from the office of A. Kempsey, Consulting Engineer, 401 Hobart Bldg., San Francisco, California.

The right is reserved to reject any or all bids or to accept other than the lowest as may appear to the best interest of the City of Vallejo.

A deposit of \$25 is required for plans and specifications, which will be refunded on return of same.

Dated, AUGUST 19th, 1924
ALF. E. EDWARDS, JR.
City Clerk, Vallejo, Calif.

NOTICE TO CONTRACTORS

(Banta-Carboma Irrigation District—contract No. 1)

Notice is hereby given that sealed proposals addressed to the Board of Directors of the Banta-Carboma Irrigation District, Box "Z," Tracy, California, and endorsed, "Proposal for furnishing and installation of pumping machinery and accessories, Contract No. 1," will be received by said Board of Directors at its office, at W. Schlossman's residence, near Carboma, California, and about three miles south of Tracy, California, until 8 o'clock P. M. on the 17th day of September, 1924, and at that time and place will be publicly opened and read.

All proposals must be made upon blank forms to be obtained from W. Schlossman, Secretary of the Board of Directors at his office, and must give the price proposed, both in writing and in figures, and must be signed by the bidder with his address.

Each bid is to be presented under sealed cover, and must be accompanied by cash or certified check made payable to the Banta-Carboma Irrigation District, in an amount equal to five per cent of the amount of the bid, and no bid will be considered unless such cash or check is enclosed therewith, and, also, no bid will be considered unless in strict conformity with the plans and specifications. Should the successful bidder to whom the contract is awarded fail to execute the same, such cash or check shall be forfeited to and become the property of the district. All other cash or checks will be returned to the unsuccessful bidders who submitted the same.

A common law bond will be required for the faithful performance of the contract. In a sum not less than twenty-five per cent (25%) of the amount of the contract price, and a further bond in the sum of not less than fifty per cent (50%) of the amount of the contract price, must be furnished with acceptable sureties to secure the payment of laborers, materialmen, etc.

The contractor to whom the contract may be awarded will be required to appear at the office of the district with sureties offered by him and execute the contract within ten days (not including Sundays) from the date of notification of such award, and the preparation and readiness of the contract for signature, and in case of failure or neglect to do so he will be considered as having abandoned it, and a certified check will operate.

All bids are to be compared on the basis of the district engineer's estimate for the furnishing and installation of pumping machinery and accessories, as follows:

Item No. 1. Seven centrifugal pumps of 20 cubic feet per second capacity.

Item No. 2. Fourteen centrifugal pumps of 40 cubic feet per second capacity.

Item No. 3. Motors, starters, relays, float switches, piping, valves, cranes, water measuring devices and other essential equipment to complete pumping installation in six pump houses. All foundations and pump houses to be built by the district.

Bids will be considered for the complete work but not for any part thereof.

The contract to be entered into and the pumping machinery and accessories are to be furnished and complete

and ready for use in accordance with the plans and specifications heretofore adopted by the Board of Directors. The plans and specifications can be seen at the office of the Board of Directors. Plans and specifications and form of proposal may be obtained from W. D. Harrington, Tracy, California, or from Thomas H. Means, 369 Pine street, San Francisco, California, and said plans and specifications are on file and at the office of the Secretary of the district.

The right is reserved to accept the proposal of the lowest responsible bidder or to reject any or all bids.

The work shall be done under the direction and to the satisfaction of the engineer of the district, and approved by the Board of Directors.

Done by order of the Board of Directors of the Banta-Carboma Irrigation District, this 20th day of August, 1924.

(SEAL) W. SCHLOSSMAN,
Secretary of the Board of Directors of the Banta-Carboma Irrigation District.
CRITTENDEN & HENCH,
Attorneys for the Banta-Carboma Irrigation District, 204 American Bank Bldg., Tracy, California.

NOTICE TO CONTRACTORS

(High School—Alameda, Calif.)

Sealed bids will be received by the Board of Education of the City of Alameda, City Hall, Alameda, California, until 10 o'clock A. M., September, 1924, at 8:00 o'clock P. M. at which time said bids will be opened for the erection and completion of a new building for the Alameda High School, of the Alameda High School District, located on the block bounded by Central Avenue, Oak Street, Alameda Avenue and Walnut Street, Alameda, Calif.

Sealed bids will be received for the following work, including Excavating and Grading Work; Concrete and Reinforcing Steel; Dampproofing; Structural Steel; Miscellaneous and Ornamental Iron; Carpentry Work; Mill Work; Glass and Glazing; Tile Work; Terrazzo Work; Marble Work; Mastic Work; Magnesite; Rubber; Linoleum; Metal Toilet and Shower Stalls; Finished Hardware.

2-Brick and Hollow Tile Work.
3-Lathing and Plastering.
4-Plumbing.
5-Heating and Ventilating.
6-Electrical Work.
7-Sheet Metal Work.
8-Roofing.
9-Painting.

10-Alteration to existing High School Building.

Plans and specifications for said work are on file at the office of the Superintendent of Construction for the Board of Education, Room No. 9, City Hall, Alameda, California.

On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be had by any prospective bidder for any one of the branches of the work above listed. These plans and specifications may be retained as follows:

1-General Work—ten (10) days.
2-Brick and Hollow Tile Work—three (3) days.
3-Lathing and Plastering—Three (3) days.
4-Plumbing—five (5) days.
5-Heating and Ventilating—five (5) days.
6-Electrical Work—five (5) days.
7-Sheet Metal Work—five (5) days.
8-Roofing—three (3) days.
9-Painting—five (5) days.
10-Alteration to existing High School Building—five (5) days.

If the plans and specifications are not returned to the Superintendent of Construction within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Superintendent of Construction, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to C. J. Du Four, Secretary of the Board of Education, to be retained by the High School District as agreed and liquidated damages should the party

or parties to whom the contract is awarded fail to enter into the contract after the award, or to give bonds required by law. The amount of said check shall not exceed Five Thousand (\$5,000) Dollars—but for all bids of less than Five Thousand (\$5,000) Dollars—said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Superintendent of Construction.

Bids will be opened by the Board of said District on the 16th day of September, 1924, at eight o'clock P. M. in the Board Room No. 9, Second Floor of said City Hall, in said City of Alameda. The Board reserves the right to reject any and all bids or any or all items of such bids.

C. J. DU FOUR,
Secretary of the Board of Education of Alameda, California.

NOTICE TO BIDDERS

(Merced Irrigation District, Merced County, California—Steel Pipes, Penstocks, Etc.)

Notices is hereby given that sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District in the Earcroft Bldg., Merced, California, until Saturday, September 20th, 1924, at 11 o'clock A. M. for the furnishing of the following materials needed in the construction of the Exchequer Dam and Power Plant of the Merced Irrigation District:

About 260 lineal feet of 66 inch diameter riveted steel pipe.

About 450 lineal feet of 96 inch diameter riveted steel pipe, including special Y and elbow connections.

2 Steel Trash Racks, each 22 feet square, with trussed steel frame work.

2 Curved Steel trash racks each about 12 by 16 feet square.

3,400 lineal feet of 24-inch copper plate formed and punched.

6 sets Wrought and cast steel doors.

44 Cast iron and steel drain covers.

About 125 lineal feet of 6 inch steel pipe.

Specifications for said material can be seen at the office of said Board and copies thereof will be furnished upon application to the Secretary of said Board accompanied by a deposit of \$10.00 for each copy, to be repaid to all bidders and to all others on return of the plans and specifications in good and acceptable condition not later than the day set for opening bids.

Said Board will be in session at its office at 11 o'clock A. M. on the 16th day of September, 1924, and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidders may submit bids upon any or all of the schedules, but no schedule will be submitted.

Each proposal must be accompanied by a certified check for five per cent (5%) of the amount of the schedules bid upon, payable to the order of the Merced Irrigation District as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than twenty-five per cent (25%) of the amount of his proposal for the faithful performance of the work in accordance with the plans and specifications, said Bond to be approved by said Board.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposal, must be submitted intact with the bid in a sealed envelope addressed to the Board of Directors of the Merced Irrigation District, and marked to indicate that it is a proposal for pipes, penstocks, etc., of the said dam and power house.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District this 19th day of August, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of the Merced Irrigation District.
(Continued on Page 30)

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal.—D. E. Albers, Santa Rosa, at \$4400 awarded cont. by supervisors to const. rein. conc. bridge on Schellville-Santa Rosa Highway and at \$3260 for rein. conc. bridges over Stuart Creek.

OROVILLE, Butte Co., Cal.—Until Aug. 28, 11:35 p. m., bids will be rec. by C. F. Belding, county clerk, to paint Oroville Feather river bridge on Shasta road, adjoining city of Oroville. Cert. check 10% req. with bid. Harry H. Hume county rd. engineer.

SACRAMENTO, Cal.—Supervisors petitioned to const. bridge across Three Mile Slough at point near present ferry to link Rio Vista and Antioch highway. It is probable that the Grand island steel bridge will be moved to the site urged. The latter structure has been ordered removed before 1925 by the War Department. Chas. DeGarding, Jr. is county engineer.

YUBA CITY, Sutter Co., Cal.—Sutter County Chamber of Commerce is conferring with civic organizations in Yolo county seeking co-operation to further campaign to secure construction of the Sutter by-pass causeway. Edward von Geldern, engineer of Yuba city, is active in the movement.

SANTA ROSA, Sonoma Co., Cal.—Until Sept. 2, 8 P. M., bids will be rec. by Vida McL. Doggett, city clerk, to const. A. St. bridge, involv. 545 cu. yds. "A" conc. 35 tons rein. steel; 500 lbs. sheet lead; 200 lbs. steel castings; 650 lbs. structural steel; 15 conc. piles, 30-ft. long; 3 timber piles, 35 ft. long; 48 timber piles, 35 ft. long. Will be 128 ft. long, 34 ft. roadway with 6 ft. walks on each side. Paul Green, city engineer. Plans on file in office of clerk.

LASSEN COUNTY, Cal.—Lord & Bishop, Napa, at \$19,527 (Type C) awarded cont. by State Highway Commission to const. 35 ft. conc. bridge over Robbers Creek, 90 ft. comb. wood and conc. trestle over Baxter Creek and 150 ft. comb. wood and conc. trestle over Long Valley Creek, all in Lassen county. State Eng. estimate, \$19,569.

LASSEN COUNTY, Cal.—Following bids rec. by State Highway Commission Aug. 25, to const. seven combination wood and concrete trestles over Pit river and Pit river overflow channels in Lassen county, having a sum total length of 990 ft. together with weir or ford 600 ft. in length:

Horn, Hart & Savage, Red Bluff, Cal. (C) \$50,067.
Tibbals, Percival & Cress, Sacramento (A & B) \$52,207 ea.; (C) \$51,903.
T. H. & M. C. Polk, Chico (A & B) \$52,483 each.
Rocca & Colitti, San Rafael (A, B & C) \$62,029.75.
J. S. Greaves, Sacramento (A) \$54,221; (B & C) \$54,001 each.
Collins & Seppi, Abin (A, B & C) \$67,094 each.
R. B. McKenzie, Gerber, (A, B & C) \$70,880 each.
Engineer's estimate, propositions (A) (B) & (C) \$64,331 each.

BUTTE COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Sept. 15, 2 p. m., to const. rein. conc. girder bridge over Cherokee Canal By-Pass 1-mi. east of Richvale, consisting of 5 30-ft. spans. The project involv. 270 cu. yds. class A cem. conc.; 530 hundredweight rein. steel; 190 cu. yds. excavation for bridge structure; 1800 cu. yds. roadway embankment without classification; 200 tons crushed gravel or stone surfacing.

HANFORD, Kings Co., Cal.—County Surveyor Roy May preparing spec. for conc. bridge 21-ft. wide, at entrance to Burris Park over Riverside canal.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 15, 11 a. m., bids will be rec. by Eugene D. Graham county clerk to remove present bridge and const. new timber bridge over Mormon channel on Sarah H. Gillis rd., No. 429, Rd. Dist. No. 1. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from County Surveyor F. E. Quail on deposit of \$10, returnable.

DREDGING, HARBOR WORKS AND EXCAVATIONS

CORONADO, Cal.—City plans \$75,000 bond issue for harbor improvements.

LONG BEACH, Cal.—Col. Edward N. Johnson, U. S. army engr., has been appointed chief consult. engr. of Long Beach harbor development by city council. His contr. is for 5 yrs. at \$15,000 yr., plus 1% of the cost of all work.

OAKDALE, Stanislaus Co., Cal.—Oakdale Irrigation District rejects bid of Frank C. Mosier, Modesto, for 3 mile drainage ditch near Valley Home; bid was \$12 yd. for excavation; \$60 cu. ft. for conc. work and \$3.75 ft. for drainage pipe. Work will be done by day labor under supervision of Engineer Hartley.

LOS ANGELES, Cal.—Harbor Comm. orders const. of conc. bulkhead costing \$18,100 for berth 90, at foot of First St. Plans by Engr. John C. Shaw. The structure will be about 500 ft. long, sunk into the ground.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue. Bids opened by Bureau of Yards and Docks.

SAN DIEGO, Cal.—See "Wharves and Docks," this issue. To bond.

STOCKTON, San Joaquin Co., Cal.—Bd. of Engineers of rivers and harbors has taken under advisement the application of the city of Stockton to share the expense of deepening to 24 ft. the channel bet. San Francisco and Stockton, in the Sacramento and San Joaquin rivers. The city's share would be about \$2,200,000.

LOS ANGELES, Cal.—Bly Bros. and Russell-Foell Co., each submitted bid at \$135 per ton to fur. county with 10,000 to 15,000 tons rip-rap f. o. b. quarry for flood control work.

Carbide Flare Lights
OxyAcetylene Equipment
Goggles—Respirators
First Aid Supplies

Carried in stock

E. D. BULLARD

505 HOWARD STREET
San Francisco, Calif.

Douglas 6320

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Until Sept. 10, 10 a. m., bids will be rec. by H. P. Sargeant, secy. Merced Irrigation District, Barcroft Bldg., to fur. and del. 100,000 ft. B. M. redwood lumber, known as "Merchantable" grade. Cert. check 5% payable to dist. req. Further information obtainable from secretary.

DEL MAR, Cal.—Bids rec. by Santa Fe Irrig. Dist., Del Mar, for const. of various works for the dist., were:

(1) Fur. and lay conc. pipe: Elliott & McKenna, Del Mar, \$15,595; Escondido Cem. Prod. Co., Escondido, \$15,751.
(2) fur. riv. steel pipe and fittings: Western Pipe & Steel Co., L. A., \$15,620; L. A. Mfg. Co., L. A., \$17,218; Baker Iron Wks., L. A., \$18,085.
(3) Trenching and backfilling for pipe lines: H. H. Peterson, San Diego, \$9620; Sidney Smith, L. A., \$11,659; Stroud Bros., Bakersfield, \$12,034; R. F. Ware, L. A., \$15,602.
(4) Conc. reservoir: Escondido Cem. Prod. Co., \$7648; Elliott & McKenna, \$9565; Union Const. Co., L. A., \$8969; Okey & Wilson, La Jolla, \$10,567; Bert. Nobel, San Diego, \$11,900.

Bids were taken under advisement by J. B. Lippincott, consul. engr., Central Bldg., L. A., pending approval of the state bond comm.

MERCED, Merced Co., Cal.—Until Sept. 20, 11 a. m., bids will be rec. by Merced Irrigation District, H. P. Sargeant, secy., Barcroft Bldg., Merced, to furnish the following in connection with Exchequer Dam and Power Plant 260 lin. ft. 60-in. dia. riveted steel pipe.

450 lin. ft. 96-in. dia. riveted steel pipe including special wye and elbow connections.

2 steel trash racks, each 22-ft. sq. with trussed steel frame work.

2 curved steel trash racks, each about 12-ft. by 16-ft. sq.

3400 lin. ft. 24-in. copper plate formed and punched.

6 sets wrought and cast steel doors. 4 c. i. and steel drain covers.

125 lin. ft. 6-in. steel pipe.

Cert. check 5% payable to district req. Plans obtainable from secretary on deposit of \$10, returnable. R. V. Melkic, ch. eng. for dist. See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

SANTA MONICA, Cal.—D. S. McEwan 127 Pier Ave., Ocean Park, awarded contract by council at \$5226 for ornam. lgt. sys. in Marine St., bet. Maine and 4th Sts.

SAN BERNARDINO, Cal.—Council declares inten. to install lighting system in 4th St., bet. H and I Sts.; 1911 act. (rein. conc. standards).

LOS ANGELES, Cal.—Until 10 A. M., Sept. 2, bids will be rec. by Bd. Pub. Wks. to const. lighting system in Grand Ave., bet. Temple and Fifth Sts. (193 pr. steel posts); 1911 act.

PASADENA, Cal.—Council declares inten. to install street lighting system in Congress Pl., bet. Orange Grove and St. John Aves., also for street lighting system, police and fire signal system in Green St., Marengo Ave., Euclid Ave and 14 other streets.

FULLERTON, Cal.—Council will pay one-fifth the cost of ornam. lgt. sys. in a new dist. embracing cor. of West Amerige, West Wilshire, North Drake and North Richman Streets.

BRECKENLEY, Mamoda Co. Cal.—Berkeley, Downtown Assn., seeking co-operation of prospects outside to install cable installation of "Path of Gold" featuring system in Shattuck Ave. bet. Hearst and Ward Sts.

LOS ANGELES, Cal.—Robertson Elec. Co., Santa Ana, submitted low bid at \$17,450 to bid pub. wks. bet. ornate light sys. in 24th St., bet. Hoover St. and Vermont Ave. Other bids were: Clyde N. Orickell, \$18,117; Geo. W. Kemper, \$19,450; Fritz Ziebarth, \$19,522; H. C. Reid & Co., \$21,680; J. C. Rendler, Inc., \$22,333; Elec. Light Sup. Co., \$22,420.

Robertson Elec. Co. low at \$12,333 for ornate light sys. in Rimpun Blvd., bet. Windsor Blvd. and Pico St. Other bids were: H. C. Reid & Co., \$14,500; J. C. Rendler, Inc., \$16,222; Clyde N. Orickell, \$16,512; Fritz Ziebarth, \$16,955; Geo. W. Kemper, \$17,133; Electric Lighting Sup. Co., \$17,435.

J. C. Rendler, Inc., 625 S. Main St., low at \$2555 for ornate light sys. in Windsor Blvd., bet. Beverly Blvd. and 1st St.

Fritz Ziebarth, 302 E. Anaheim, Long Beach, low bid at \$1820 for ornate light sys. in Stanley Ave., bet. Hollywood Blvd. and 716 ft. s. therefrom.

PASADENA, Cal.—See "Sewers and Street Work," this issue. System planned.

DAVIS, Yolo Co., Cal.—Davis Business Men's Assn. has raised \$1970 to finance installation of electroliner system in business district. C. A. Maghetti is chairman of committee on lighting.

LOS ANGELES, Cal.—Geo. W. Kemper, P. O. Box 223, Venice, awarded cont. by bd. pub. wks. at \$160,689 for ornate light system in Sunset Blvd., bet. N Broadway and Sanborn Ave.

MACHINERY AND EQUIPMENT

ANAHEIM, Cal.—City trustees appropriate \$9000 for purchase of a vacuum street sweeper.

LOS ANGELES, Cal.—Until 9 a. m., Aug. 28, bids will be rec. by city purch. agent for Chevrolet trucks; spec. 984. Separate bids, same date, to furnish traffic discs; spec. 985.

SAN FRANCISCO—City Purchasing Agent Leonard Leary authorized by Bd. of Public Works to purchase one Otiscon Educator mounted on 5-ton truck with Sewell Cushion Wheels.

FIRE ALARM SYSTEMS

FRESNO, Fresno Co., Cal.—Herbert Stitt, city electrician, recommends completion of city fire alarm system involving installation of approx. 100 boxes. Recommendation is also made to install police telegraph and flash light system and the installation of a traffic lighting system similar to that used in Los Angeles. The rating would cost approx. \$1000 each for installation at street intersections.

PASADENA, Cal.—Council declares intent to install street lighting system, police and fire signal system in Green St., Marengo Ave., Euclid Ave. and 14 other streets.

EUREKA, Humboldt Co., Cal.—Until Sept. 10, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to fur. and install in County Treasurer's office burglar alarm of an "A" rating as approved by National Board of Burglar Insurance Underwriters. Cert. check \$7, req. with bid. Specifications on file in office of clerk.

LOS ANGELES, Cal.—Fred E. Detmers, 1254 S. Hill St., awarded cont. by Bd. Pub. Wks. at \$3445 for 37 police signal and telephone boxes (\$85 ea.); del. 90 days from date of order; 20% discount each pay, 30 days.

SAN ANSELMO, Marin Co., Cal.—Bond issue of \$4,000 recently voted to finance installation of additional fire alarm boxes has been declared illegal. Another election is probable.

COMPTON, Cal.—City trustees order local tel. co. to install fire alarm boxes in accordance with franchise. The terms call for 25 telephones, furnished free of charges. Only six are in operation.

LOS ANGELES, Cal.—Keystone Iron & Steel Wks., 2931 Santa Fe Ave., low bidder at \$49.80 each (\$12,948) to fur. Bd. of Pub. Wks. with 260 fire alarm and police box stands. A. J. Bayer Co. bid \$22,780.

LOS ANGELES, Cal.—Bids rec. by bd. pub. wks. for (a) bldg. approx. 256 box stand found; (b) erecting shafts and base castgs. approx. 256 box stands; (c) install approx. 256 laterals to stands, per ft.; (d) install approx. 300 laterals to cable hds., per ft.; (e) install approx. 35 laterals to eng. hse., per ft. were:

John R. Davies—(a) \$6.20; (b) \$1.50; (c) \$2.10; (d) \$2.10; (e) \$2.10; (f) \$2.10; (g) \$2.10; (h) \$2.10; (i) \$2.10; (j) \$2.10; (k) \$2.10; (l) \$2.10; (m) \$2.10; (n) \$2.10; (o) \$2.10; (p) \$2.10; (q) \$2.10; (r) \$2.10; (s) \$2.10; (t) \$2.10; (u) \$2.10; (v) \$2.10; (w) \$2.10; (x) \$2.10; (y) \$2.10; (z) \$2.10; (aa) \$2.10; (ab) \$2.10; (ac) \$2.10; (ad) \$2.10; (ae) \$2.10; (af) \$2.10; (ag) \$2.10; (ah) \$2.10; (ai) \$2.10; (aj) \$2.10; (ak) \$2.10; (al) \$2.10; (am) \$2.10; (an) \$2.10; (ao) \$2.10; (ap) \$2.10; (aq) \$2.10; (ar) \$2.10; (as) \$2.10; (at) \$2.10; (au) \$2.10; (av) \$2.10; (aw) \$2.10; (ax) \$2.10; (ay) \$2.10; (az) \$2.10; (ba) \$2.10; (bb) \$2.10; (bc) \$2.10; (bd) \$2.10; (be) \$2.10; (bf) \$2.10; (bg) \$2.10; (bh) \$2.10; (bi) \$2.10; (bj) \$2.10; (bk) \$2.10; (bl) \$2.10; (bm) \$2.10; (bn) \$2.10; (bo) \$2.10; (bp) \$2.10; (bq) \$2.10; (br) \$2.10; (bs) \$2.10; (bt) \$2.10; (bu) \$2.10; (bv) \$2.10; (bw) \$2.10; (bx) \$2.10; (by) \$2.10; (bz) \$2.10; (ca) \$2.10; (cb) \$2.10; (cc) \$2.10; (cd) \$2.10; (ce) \$2.10; (cf) \$2.10; (cg) \$2.10; (ch) \$2.10; (ci) \$2.10; (cj) \$2.10; (ck) \$2.10; (cl) \$2.10; (cm) \$2.10; (cn) \$2.10; (co) \$2.10; (cp) \$2.10; (cq) \$2.10; (cr) \$2.10; (cs) \$2.10; (ct) \$2.10; (cu) \$2.10; (cv) \$2.10; (cw) \$2.10; (cx) \$2.10; (cy) \$2.10; (cz) \$2.10; (da) \$2.10; (db) \$2.10; (dc) \$2.10; (dd) \$2.10; (de) \$2.10; (df) \$2.10; (dg) \$2.10; (dh) \$2.10; (di) \$2.10; (dj) \$2.10; (dk) \$2.10; (dl) \$2.10; (dm) \$2.10; (dn) \$2.10; (do) \$2.10; (dp) \$2.10; (dq) \$2.10; (dr) \$2.10; (ds) \$2.10; (dt) \$2.10; (du) \$2.10; (dv) \$2.10; (dw) \$2.10; (dx) \$2.10; (dy) \$2.10; (dz) \$2.10; (ea) \$2.10; (eb) \$2.10; (ec) \$2.10; (ed) \$2.10; (ee) \$2.10; (ef) \$2.10; (eg) \$2.10; (eh) \$2.10; (ei) \$2.10; (ej) \$2.10; (ek) \$2.10; (el) \$2.10; (em) \$2.10; (en) \$2.10; (eo) \$2.10; (ep) \$2.10; (eq) \$2.10; (er) \$2.10; (es) \$2.10; (et) \$2.10; (eu) \$2.10; (ev) \$2.10; (ew) \$2.10; (ex) \$2.10; (ey) \$2.10; (ez) \$2.10; (fa) \$2.10; (fb) \$2.10; (fc) \$2.10; (fd) \$2.10; (fe) \$2.10; (ff) \$2.10; (fg) \$2.10; (fh) \$2.10; (fi) \$2.10; (fj) \$2.10; (fk) \$2.10; (fl) \$2.10; (fm) \$2.10; (fn) \$2.10; (fo) \$2.10; (fp) \$2.10; (fq) \$2.10; (fr) \$2.10; (fs) \$2.10; (ft) \$2.10; (fu) \$2.10; (fv) \$2.10; (fw) \$2.10; (fx) \$2.10; (fy) \$2.10; (fz) \$2.10; (ga) \$2.10; (gb) \$2.10; (gc) \$2.10; (gd) \$2.10; (ge) \$2.10; (gf) \$2.10; (gg) \$2.10; (gh) \$2.10; (gi) \$2.10; (gj) \$2.10; (gk) \$2.10; (gl) \$2.10; (gm) \$2.10; (gn) \$2.10; (go) \$2.10; (gp) \$2.10; (gq) \$2.10; (gr) \$2.10; (gs) \$2.10; (gt) \$2.10; (gu) \$2.10; (gv) \$2.10; (gw) \$2.10; (gx) \$2.10; (gy) \$2.10; (gz) \$2.10; (ha) \$2.10; (hb) \$2.10; (hc) \$2.10; (hd) \$2.10; (he) \$2.10; (hf) \$2.10; (hg) \$2.10; (hh) \$2.10; (hi) \$2.10; (hj) \$2.10; (hk) \$2.10; (hl) \$2.10; (hm) \$2.10; (hn) \$2.10; (ho) \$2.10; (hp) \$2.10; (hq) \$2.10; (hr) \$2.10; (hs) \$2.10; (ht) \$2.10; (hu) \$2.10; (hv) \$2.10; (hw) \$2.10; (hx) \$2.10; (hy) \$2.10; (hz) \$2.10; (ia) \$2.10; (ib) \$2.10; (ic) \$2.10; (id) \$2.10; (ie) \$2.10; (if) \$2.10; (ig) \$2.10; (ih) \$2.10; (ii) \$2.10; (ij) \$2.10; (ik) \$2.10; (il) \$2.10; (im) \$2.10; (in) \$2.10; (io) \$2.10; (ip) \$2.10; (iq) \$2.10; (ir) \$2.10; (is) \$2.10; (it) \$2.10; (iu) \$2.10; (iv) \$2.10; (iw) \$2.10; (ix) \$2.10; (iy) \$2.10; (iz) \$2.10; (ja) \$2.10; (jb) \$2.10; (jc) \$2.10; (jd) \$2.10; (je) \$2.10; (jf) \$2.10; (jg) \$2.10; (jh) \$2.10; (ji) \$2.10; (jj) \$2.10; (jk) \$2.10; (jl) \$2.10; (jm) \$2.10; (jn) \$2.10; (jo) \$2.10; (jp) \$2.10; (jq) \$2.10; (jr) \$2.10; (js) \$2.10; (jt) \$2.10; (ju) \$2.10; (jv) \$2.10; (jw) \$2.10; (jx) \$2.10; (jy) \$2.10; (jz) \$2.10; (ka) \$2.10; (kb) \$2.10; (kc) \$2.10; (kd) \$2.10; (ke) \$2.10; (kf) \$2.10; (kg) \$2.10; (kh) \$2.10; (ki) \$2.10; (kj) \$2.10; (kl) \$2.10; (km) \$2.10; (kn) \$2.10; (ko) \$2.10; (kp) \$2.10; (kq) \$2.10; (kr) \$2.10; (ks) \$2.10; (kt) \$2.10; (ku) \$2.10; (kv) \$2.10; (kw) \$2.10; (kx) \$2.10; (ky) \$2.10; (kz) \$2.10; (la) \$2.10; (lb) \$2.10; (lc) \$2.10; (ld) \$2.10; (le) \$2.10; (lf) \$2.10; (lg) \$2.10; (lh) \$2.10; (li) \$2.10; (lj) \$2.10; (lk) \$2.10; (ll) \$2.10; (lm) \$2.10; (ln) \$2.10; (lo) \$2.10; (lp) \$2.10; (lq) \$2.10; (lr) \$2.10; (ls) \$2.10; (lt) \$2.10; (lu) \$2.10; (lv) \$2.10; (lw) \$2.10; (lx) \$2.10; (ly) \$2.10; (lz) \$2.10; (ma) \$2.10; (mb) \$2.10; (mc) \$2.10; (md) \$2.10; (me) \$2.10; (mf) \$2.10; (mg) \$2.10; (mh) \$2.10; (mi) \$2.10; (mj) \$2.10; (mk) \$2.10; (ml) \$2.10; (mm) \$2.10; (mn) \$2.10; (mo) \$2.10; (mp) \$2.10; (mq) \$2.10; (mr) \$2.10; (ms) \$2.10; (mt) \$2.10; (mu) \$2.10; (mv) \$2.10; (mw) \$2.10; (mx) \$2.10; (my) \$2.10; (mz) \$2.10; (na) \$2.10; (nb) \$2.10; (nc) \$2.10; (nd) \$2.10; (ne) \$2.10; (nf) \$2.10; (ng) \$2.10; (nh) \$2.10; (ni) \$2.10; (nj) \$2.10; (nk) \$2.10; (nl) \$2.10; (nm) \$2.10; (nn) \$2.10; (no) \$2.10; (np) \$2.10; (nq) \$2.10; (nr) \$2.10; (ns) \$2.10; (nt) \$2.10; (nu) \$2.10; (nv) \$2.10; (nw) \$2.10; (nx) \$2.10; (ny) \$2.10; (nz) \$2.10; (oa) \$2.10; (ob) \$2.10; (oc) \$2.10; (od) \$2.10; (oe) \$2.10; (of) \$2.10; (og) \$2.10; (oh) \$2.10; (oi) \$2.10; (oj) \$2.10; (ok) \$2.10; (ol) \$2.10; (om) \$2.10; (on) \$2.10; (oo) \$2.10; (op) \$2.10; (oq) \$2.10; (or) \$2.10; (os) \$2.10; (ot) \$2.10; (ou) \$2.10; (ov) \$2.10; (ow) \$2.10; (ox) \$2.10; (oy) \$2.10; (oz) \$2.10; (pa) \$2.10; (pb) \$2.10; (pc) \$2.10; (pd) \$2.10; (pe) \$2.10; (pf) \$2.10; (pg) \$2.10; (ph) \$2.10; (pi) \$2.10; (pj) \$2.10; (pk) \$2.10; (pl) \$2.10; (pm) \$2.10; (pn) \$2.10; (po) \$2.10; (pp) \$2.10; (pq) \$2.10; (pr) \$2.10; (ps) \$2.10; (pt) \$2.10; (pu) \$2.10; (pv) \$2.10; (pw) \$2.10; (px) \$2.10; (py) \$2.10; (pz) \$2.10; (qa) \$2.10; (qb) \$2.10; (qc) \$2.10; (qd) \$2.10; (qe) \$2.10; (qf) \$2.10; (qg) \$2.10; (qh) \$2.10; (qi) \$2.10; (qj) \$2.10; (qk) \$2.10; (ql) \$2.10; (qm) \$2.10; (qn) \$2.10; (qo) \$2.10; (qp) \$2.10; (qq) \$2.10; (qr) \$2.10; (qs) \$2.10; (qt) \$2.10; (qu) \$2.10; (qv) \$2.10; (qw) \$2.10; (qx) \$2.10; (qy) \$2.10; (qz) \$2.10; (ra) \$2.10; (rb) \$2.10; (rc) \$2.10; (rd) \$2.10; (re) \$2.10; (rf) \$2.10; (rg) \$2.10; (rh) \$2.10; (ri) \$2.10; (rj) \$2.10; (rk) \$2.10; (rl) \$2.10; (rm) \$2.10; (rn) \$2.10; (ro) \$2.10; (rp) \$2.10; (rq) \$2.10; (rr) \$2.10; (rs) \$2.10; (rt) \$2.10; (ru) \$2.10; (rv) \$2.10; (rw) \$2.10; (rx) \$2.10; (ry) \$2.10; (rz) \$2.10; (sa) \$2.10; (sb) \$2.10; (sc) \$2.10; (sd) \$2.10; (se) \$2.10; (sf) \$2.10; (sg) \$2.10; (sh) \$2.10; (si) \$2.10; (sj) \$2.10; (sk) \$2.10; (sl) \$2.10; (sm) \$2.10; (sn) \$2.10; (so) \$2.10; (sp) \$2.10; (sq) \$2.10; (sr) \$2.10; (ss) \$2.10; (st) \$2.10; (su) \$2.10; (sv) \$2.10; (sw) \$2.10; (sx) \$2.10; (sy) \$2.10; (sz) \$2.10; (ta) \$2.10; (tb) \$2.10; (tc) \$2.10; (td) \$2.10; (te) \$2.10; (tf) \$2.10; (tg) \$2.10; (th) \$2.10; (ti) \$2.10; (tj) \$2.10; (tk) \$2.10; (tl) \$2.10; (tm) \$2.10; (tn) \$2.10; (to) \$2.10; (tp) \$2.10; (tq) \$2.10; (tr) \$2.10; (ts) \$2.10; (tt) \$2.10; (tu) \$2.10; (tv) \$2.10; (tw) \$2.10; (tx) \$2.10; (ty) \$2.10; (tz) \$2.10; (ua) \$2.10; (ub) \$2.10; (uc) \$2.10; (ud) \$2.10; (ue) \$2.10; (uf) \$2.10; (ug) \$2.10; (uh) \$2.10; (ui) \$2.10; (uj) \$2.10; (uk) \$2.10; (ul) \$2.10; (um) \$2.10; (un) \$2.10; (uo) \$2.10; (up) \$2.10; (uq) \$2.10; (ur) \$2.10; (us) \$2.10; (ut) \$2.10; (uu) \$2.10; (uv) \$2.10; (uw) \$2.10; (ux) \$2.10; (uy) \$2.10; (uz) \$2.10; (va) \$2.10; (vb) \$2.10; (vc) \$2.10; (vd) \$2.10; (ve) \$2.10; (vf) \$2.10; (vg) \$2.10; (vh) \$2.10; (vi) \$2.10; (vj) \$2.10; (vk) \$2.10; (vl) \$2.10; (vm) \$2.10; (vn) \$2.10; (vo) \$2.10; (vp) \$2.10; (vq) \$2.10; (vr) \$2.10; (vs) \$2.10; (vt) \$2.10; (vu) \$2.10; (vv) \$2.10; (vw) \$2.10; (vx) \$2.10; (vy) \$2.10; (vz) \$2.10; (wa) \$2.10; (wb) \$2.10; (wc) \$2.10; (wd) \$2.10; (we) \$2.10; (wf) \$2.10; (wg) \$2.10; (wh) \$2.10; (wi) \$2.10; (wj) \$2.10; (wk) \$2.10; (wl) \$2.10; (wm) \$2.10; (wn) \$2.10; (wo) \$2.10; (wp) \$2.10; (wq) \$2.10; (wr) \$2.10; (ws) \$2.10; (wt) \$2.10; (wu) \$2.10; 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(fs) \$2.10; (ft) \$2.10; (fu) \$2.10; (fv) \$2.10; (fw) \$2.10; (fx) \$2.10; (fy) \$2.10; (fz) \$2.10; (ga) \$2.10; (gb) \$2.10; (gc) \$2.10; (gd) \$2.10; (ge) \$2.10; (gf) \$2.10; (gg) \$2.10; (gh) \$2.10; (gi) \$2.10; (gj) \$2.10; (gk) \$2.10; (gl) \$2.10; (gm) \$2.10; (gn) \$2.10; (go) \$2.10; (gp) \$2.10; (gq) \$2.10; (gr) \$2.10; (gs) \$2.10; (gt) \$2.10; (gu) \$2.10; (gv) \$2.10; (gw) \$2.10; (gx) \$2.10; (gy) \$2.10; (gz) \$2.10; (ha) \$2.10; (hb) \$2.10; (hc) \$2.10; (hd) \$2.10; (he) \$2.10; (hf) \$2.10; (hg) \$2.10; (hh) \$2.10; (hi) \$2.10; (hj) \$2.10; (hk) \$2.10; (hl) \$2.10; (hm) \$2.10; (hn) \$2.10; (ho) \$2.10; (hp) \$2.10; (hq) \$2.10; (hr) \$2.10; (hs) \$2.10; (ht) \$2.10; (hu) \$2.10; (hv) \$2.10; (hw) \$2.10; (hx) \$2.10; (hy) \$2.10; (hz) \$2.10; (ia) \$2.10; (ib) \$2.10; (ic) \$2.10; (id) \$2.10; (ie) \$2.10; (if) \$2.10; (ig) \$2.10; (ih) \$2.10; (ii) \$2.10; (ij) \$2.10; (ik) \$2.10; (il) \$2.10; (im) \$2.10; (in) \$2.10; (io) \$2.10; (ip) \$2.10; (iq) \$2.10; (ir) \$2.10; (is) \$2.10; (it) \$2.10; (iu) \$2.10; (iv) \$2.10; (iw) \$2.10; (ix) \$2.10; (iy) \$2.10; (iz) \$2.10; (ja) \$2.10; (jb) \$2.10; (jc) \$2.10; (jd) \$2.10; (je) \$2.10; (jf) \$2.10; (jg) \$2.10; (jh) \$2.10; (ji) \$2.10; (jj) \$2.10; (jk) \$2.10; (jl) \$2.10; (jm) \$2.10; (jn) \$2.10; (jo) \$2.10; (jp) \$2.10; (jq) \$2.10; (jr) \$2.10; (js) \$2.10; (jt) \$2.10; (ju) \$2.10; (jv) \$2.10; (jw) \$2.10; (jx) \$2.10; (jy) \$2.10; (jz) \$2.10; (ka) \$2.10; (kb) \$2.10; (kc) \$2.10; (kd) \$2.10; (ke) \$2.10; (kf) \$2.10; (kg) \$2.10; (kh) \$2.10; (ki) \$2.10; (kj) \$2.10; (kl) \$2.10; (km) \$2.10; (kn) \$2.10; (ko) \$2.10; (kp) \$2.10; (kq) \$2.10; (kr) \$2.10; (ks) \$2.10; (kt) \$2.10; (ku) \$2.10; (kv) \$2.10; (kw) \$2.10; (kx) \$2.10; (ky) \$2.10; (kz) \$2.10; (la) \$2.10; (lb) \$2.10; (lc) \$2.10; (ld) \$2.10; (le) \$2.10; (lf) \$2.10; (lg) \$2.10; (lh) \$2.10; (li) \$2.10; (lj) \$2.10; (lk) \$2.10; (ll) \$2.10; (lm) \$2.10; (ln) \$2.10; (lo) \$2.10; (lp) \$2.10; (lq) \$2.10; (lr) \$2.10; (ls) \$2.10; (lt) \$2.10; (lu) \$2.10; (lv) \$2.10; (lw) \$2.10; (lx) \$2.10; (ly) \$2.10; (lz) \$2.10; (ma) \$2.10; (mb) \$2.10; (mc) \$2.10; (md) \$2.10; (me) \$2.10; (mf) \$2.10; (mg) \$2.10; (mh) \$2.10; (mi) \$2.10; (mj) \$2.10; (mk) \$2.10; (ml) \$2.10; (mm) \$2.10; (mn) \$2.10; (mo) \$2.10; (mp) \$2.10; (mq) \$2.10; (mr) \$2.10; (ms) \$2.10; (mt) \$2.10; (mu) \$2.10; (mv) \$2.10; (mw) \$2.10; (mx) \$2.10; (my) \$2.10; (mz) \$2.10; (na) \$2.10; (nb) \$2.10; (nc) \$2.10; (nd) \$2.10; (ne) \$2.10; (nf) \$2.10; (ng) \$2.10; (nh) \$2.10; (ni) \$2.10; (nj) \$2.10; (nk) \$2.10; (nl) \$2.10; (nm) \$2.10; (nn) \$2.10; (no) \$2.10; (np) \$2.10; (nq) \$2.10; (nr) \$2.10; (ns) \$2.10; (nt) \$2.10; (nu) \$2.10; (nv) \$2.10; (nw) \$2.10; (nx) \$2.10; (ny) \$2.10; (nz) \$2.10; (oa) \$2.10; (ob) \$2.10; (oc) \$2.10; (od) \$2.10; (oe) \$2.10; (of) \$2.10; (og) \$2.10; (oh) \$2.10; (oi) \$2.10; (oj) \$2.10; (ok) \$2.10; (ol) \$2.10; (om) \$2.10; (on) \$2.10; (oo) \$2.10; (op) \$2.10; (oq) \$2.10; (or) \$2.10; (os) \$2.10; (ot) \$2.10; (ou) \$2.10; (ov) \$2.10; (ow) \$2.10; (ox) \$2.10; (oy) \$2.10; (oz) \$2.10; (pa) \$2.10; (pb) \$2.10; (pc) \$2.10; (pd) \$2.10; (pe) \$2.10; (pf) \$2.10; (pg) \$2.10; (ph) \$2.10; (pi) \$2.10; (pj) \$2.10; (pk) \$2.10; (pl) \$2.10; (pm) \$2.10; (pn) \$2.10; (po) \$2.10; (pp) \$2.10; (pq) \$2.10; (pr) \$2.10; (ps) \$2.10; (pt) \$2.10; (pu) \$2.10; (pv) \$2.10; (pw) \$2.10; (px) \$2.10; (py) \$2.10; (pz) \$2.10; (qa) \$2.10; (qb) \$2.10; (qc) \$2.

SAN FRANCISCO.—Healy-Tibbitts Const. Co., 61 Pine St., at \$343,239 awarded cont. by Board of Public Works to construct submarine pipe line for Bay Crossing Division of Hetch Hetchy project.

MONROVIA, Cal.—Bids rec. by city trustees to fur. 4-in. water pipe, were: Albert & Davison Pipe Co., 49c ft. 4-in. std. screw recess coupl., f. o. b. cars; Monrovia, Pac. Pipe & Supply Co., 61.7c ft. 4-in. std. screw recess coupl., f. o. b. trenchless Monrovia; also 56.18c ft. rel. 40 days instead of 4 days; Crane Co., 43c ft. 4-in. Matheson joint pipe; also 4-c. 6.68c ft. 4-in. water pipe, class B, standard weight; 4200 lin. ft. 4-in. c. i. water pipe; 4-c. 6-in. by 4-in. crosses; 4-c. 6-in. by 4-in. tees; 8 4-in. by 4-in. tees. All pipe and specials to be McWane centrifugally c. i. class 150. Bell and spigot form, in 12-ft. lengths of standard weight and thickness.

REDWOOD CITY, San Mateo Co., Cal.—Stephen Smith & Co., 637 Mission St., San Francisco, at approx. \$4675 awarded cont. by city council to fur. 204 lin. ft. 6-in. c. i. water pipe, class B, standard weight; 4200 lin. ft. 4-in. c. i. water pipe; 4-c. 6-in. by 4-in. crosses; 4-c. 6-in. by 4-in. tees; 8 4-in. by 4-in. tees. All pipe and specials to be McWane centrifugally c. i. class 150. Bell and spigot form, in 12-ft. lengths of standard weight and thickness.

SEWAGE DISPOSAL PLANTS

WHITTIER, Cal.—H. M. Hanawalt, La Verne, awarded cont. by city trustees at \$43,025 to complete sewage disposal works.

WILMINGTON, Cal.—See "Sewers & Street Work," this issue.

SANTA MONICA, Cal.—Plans are being discussed for sewage disposal sys. to serve Venice, Santa Monica and the Pacific Palisades. A bond election is proposed.

HERMOSA, Cal.—Election will be held Sept. 30 to vote \$20,000 bond issue for incinerator and garbage disposal plant.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—Until 2 p. m., Sept. 29, bids will be rec. by county supervisors for County Flood Control Dist. to const. arch conc. dam and appurtenant struc., tunnels, spillways, and other incidental struc., with excav. in Big Santa Anita Canyon about 3 mi. n. of Arcadia. Dist. will fur. f. o. b. cadia, foll. mat.: cem., reinf. steel, pipe and fitt. for grout lins, galv. wrt. iron rail and fitt., welded mesh, dr. pipe and fitt., asph. filler with steam pipe and fitt., copper or galv. iron plate for stops, steel discharge pipe, dr. tile, lbr. and pipe and all mat. for drains or culv. in rd. Quant. are: (1) 22,000 cu. yds. excav.; (2) 2000 cu. yds. excav. (no blast, and to incl. excav. below elev. of 1100); (3) 52,000 cu. yds. plain conc.; (4) 300 cu. yds. reinf. conc.; (5) 200 cu. yds. tunnel excav.; (6) 50 cu. yds. plain conc. tunnel lining; (7) 100 cu. yds. reinf. conc. tunnel lining; (8) 4000 lin. ft. grout pipe, placing only; (9) 100 cu. yds. cem. grouting under pressure in drill holes; (10) 1100 ft. 2-in. galv. iron pipe hand railing and Clinton mesh, placing only; (11) 700 lin. ft. asph. filler with steam pipe, placing only; (12) 100 lin. ft. steel discharge pipe, placing only; (13) 1000 lin. ft. drilling in an indefinite number of drill holes, 3-in. dia. in bed rock beneath the dam and in bottom of canyon, etc.; (14) 28,000 cu. yds. excav. for road from junction of Santa Anita and Grand View Aves., at n. end of Santa Anita Ave., along the side of the canyon to a point at the dam site and about 100 ft. above top of dam. Plans and spec. from flood control eng., upon deposit of \$5. Cert. check or bond 10%. Mame B. Beatty, clerk of the board.

ROCHE, Tulare Co., Cal.—Coast Rock and Gravel Co., Call Bllg., San Francisco, plans immediate construction of a rock crushing plant at Roche on the S. P. railroad, approx. 7 mi. north of Exeter.

LOS ANGELES, Cal.—Speedway Corp. of Los Angeles and Western Racing Assn., Chapman Bldg., have incorporated at \$750,000 and \$100,000 respectively. The incorporators are A. G. Kaukner, A. C. Pillsbury, J. S. Prince, A. M. Young, and J. C. Stick. It is proposed to build a bowl shaped board track for automobile racing on site not yet selected.

WATER WORKS

TRACY, San Joaquin Co., Cal.—Until Sept. 17, bids will be rec. by Banta-Carbona Irrigation District, W. Schlossman, secretary, to fur. and install six pumping plants equipped with twelve 24-in. and six 20-in. centrifugal pumps; lifts varying from 20 to 36-ft. Also to furnish eight-hp. motor from 170 to 250 horsepower in addition to valves for each pumping plant. W. D. Harrington, chief engineer, for district.

SANTA BARBARA, Cal.—Bids will be called at once to ditch and lay 12-in. main in State St., bet. Sola and Gutierrez Sts.; \$35,000. Victor E. Traese, supt. water dept.

PERRIS, Cal.—\$9500 water system bonds carried. In addition to water pipes for which this was voted, a \$12,000 reservoir will be built.

EUREKA, Humboldt Co., Cal.—Stauffer Chemical Co., San Francisco, at \$27 a ton f. o. b. San Francisco, awarded contract by council to fur. 20 tons of sulphate of alumina for municipal water dept.

TRACY, San Joaquin Co., Cal.—As previously reported, bids will be rec. until Sept. 17, 8 p. m., by Banta-Carbona Irrigation District, W. Schlossman, secretary, to furnish and install pumping machinery and accessories under Contract No. 1. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 2:30 p. m., Sept. 5, bids will be rec. by harbor comm. for water pipe and specials; spec. 642, on file at off. harbor engr., berth 90, San Pedro.

LOS ANGELES, Cal.—Until 9 a. m., Aug. 27, bids will be rec. by city pur. agt. for elliptical tanks; spec. 980.

KELSO, Wash.—J. D. Hanley, Kelso, at \$122,716.20 awarded contract by council to const. water system. B. F. Seidel, was low bidder at \$117,255.68, and Troutman and Young, 2nd low at \$120,709. Project involv. construction of intake structure in Cowlitz river, a twin reservoir with combined capacity of 2,000,000 gals and 5-mi. of watermain and appurtenances ranging from 4 to 16-in. dia.

SPOKANE, Wash.—City council plans betterments to water system costing \$460,000, of which \$175,000 is to finance installation of new electric mains replacing wooden mains. New electric pumps are to be installed at a cost of \$165,000 also a reservoir in north section of city at \$120,000.

FRESNO, Fresno Co., Cal.—L. G. Perkins, 515 Blackstone Ave., Fresno, awarded cont. by council to fur. and del. 100 fire hydrants.

GLENDALE, Cal.—Election will be held Sept. 20 to vote \$550,000 water main and reservoir bond issue.

BAKERSFIELD, Kern Co., Cal.—Fred (junior) awarded cont. at \$794.94 for elec. pressure pumping plant for Fairfax School Dist.

SEASIDE, Ore.—Leander Lebeck, Astoria, Ore., awarded cont. by council to const. water system and to Coast Culvert and Flume Co., to furnish the necessary materials. The two contracts run approx. \$132,687.

SOUTH PASADENA, Cal.—City trustees declare inten. to install c. i. water mains, etc., in Milan Ave., bet. Edgewood Dr. and 150 ft. s. of Garfield Ave., Stratford Ave., bet. Mission and Oak Sts., and por. of 16 other sts.; 1911 act. Nettie A. Hewitt, city clerk.

SEWERS & STREET WORK

SANTA ANA, Cal.—Until 11 a. m., Sept. 2, bids will be rec. by supervisors to imp. West 17th St., bet. Santa Ana and Westminster, about 5 mi. (13-ft. roadway), involv. grad., 7-in. to 9-in. cem. conc. pave, gravel surf., corr. iron culv., reinf. conc. headwalls, vit. sewer, manholes, junction boxes, drain-sewers, etc.; R. D. I. No. 31. Est. cost \$130,000. J. L. McBride, co. rd. comm. Cert. check or bond 10%. J. M. Backs, clerk.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Taylor St., at intersections 2, 3, 4, 5 and 6th Sts., involv. grading; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curb, gutter and walks; 2 hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains, 1911 Act & Bond Act 1915. Cert. check 10% payable to city reg. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Edwards Ave., bet. 1st and Orchard Sts., involv. grade and pave with 1½-in. Warrantite-bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb, gutter, walks, storm water inlets; 8-in. vit. pipe, drains, 1911 Act & Bond Act 1915. Cert. check 10% payable to city reg. Wm. Popp, city eng.

NAPA, Napa Co., Cal.—R. E. Errington, Napa, at \$14,108.27 awarded cont. by council to imp. Elm St., between Coombs and Jefferson Sts., involv. grading; conc. curbs; pave with 2-course asph. macadam 39 ft. wide including alley terminations; 8-in. vit. sewer with 12-in. vit. brick arches; flushing hole; br. manhole; 12 four-inch side sewers; conc. catchbasins; 4-in. c. i. water pipe. Basalt Rock Co., Napa, only other bidder at \$16,435.35.

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LOS ANGELES, Cal.—Southwest Paving Co., 801 Washington bldg., submitted only bid to supervisors at \$47,364 to main Center St. bet. Alhambra and Glenhurst Aves., etc. in City Dist. No. 106, involve 3076 cu. yds. excav. at 75c yd., 5383 ft. curb 60c lin., 34,300 sq. ft. cut, 30c ft. 9806 sq. yds. 1½-in. Toppack top 60c yd., 1571 sq. ft. 8½-in. asphalt conc. base 31.2c yd. and 1571 sq. ft. cem. walk 22c ft.

GUSTINE, Alameda Co., Cal.—Until Sept. 2, bids will be rec. by W. L. Chappeil, city clerk, to construct 12-in. vit. sewer and 3 manholes. Plans on file in office of clerk.

EUREKA, Humboldt Co., Cal.—Until Sept. 2, 3 p. m., bids will be rec. by A. Walter Kildale, city clerk, to fur. 1000 cu. yds. seasoned gravel. Further information obtainable from clerk.

LOS ANGELES, Cal.—Contract adopts ordinance calling election Sept. 23 in City Dist. No. 31 to vote \$1,000,000 bond issue for bldg. highway from w. boundary line of Beverly Hills, west along foot of Santa Monica Mts., to intersection with state highway near mouth of Santa Ynez Canyon.

LOS ANGELES, Cal.—Bids rec. by bd pub. wks. to imp. Burlington Ave., bet. 1st and 6th Sts., involv. 13,790 sq. ft. 8-in. asph. pav. (5-in. base, 1-in. binder, 2-in. surf.); 308 sq. ft. 5-in. conc. pav.; 2085 sq. ft. 2-in. bit. base pav.; 38,674 sq. ft. Warrentite-bitul. pav.; 1240 ft. curb; 15,732 sq. ft. walk; 6179 sq. ft. gutter; 771 ft. hse. sewers; storm drain; were:

Geo. R. Curtis Co.—\$7500 grad; 30c asph. pav.; 30c conc. pav.; 26c bit. pav.; 12c bit. base; 70c curb; 23c walk; 28c gutter; \$1200 storm drain; \$2 sewer.
L. A. Paving Co.—\$8250 grad; 31c asph. pav.; 28c conc. pav.; 25c bit. pav.; 14c bit. base; 75c curb; 23c walk; 30c gutter; \$1300 storm drain; \$2 sewer.

Geo. H. Oswald—\$9000 grad; 32c asph. pav.; 28c conc. pav.; 26.5c bit. pav.; 12c bit. base; 70c curb; 22c walk; 30c gutter; \$1600 storm drain; \$2 sewer.
Warren Const. Co.—\$7650 grad; 31c asph. pav.; 28c conc. pav.; 26.25c bit. pav.; 14c bit. base; 75c curb; 23c walk; 30c gutter; \$1500 storm drain; \$1.95 sewer.

SAN MATEO, San Mateo Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to imp. 3rd Ave., bet. El Camino Real and A St., involv. removal of present and const. new curb and gutter; pave with 1½-in. asph. wearing surface on 4½-in. ffd. cem. conc. base; 4-in. vit. lateral sewer; const. catchbasins; extend 10-in. pipe storm drain. 1911 Act & Bond Act 1915. Cert. check 10% payable to city reg. Marshall White, city eng.

TIERLICK, Stanislaus Co., Cal.—City council, A. P. Ferguson, clerk, declares inten. (No. 118), to imp. Palm St., from pavement in Place in East Olive St. to pavement in Place in East Olive St., involv. grading and paving with 3-in. asph. conc. base with 1½-in. Warrentite-bit. surface; cem. concrete curbs and gutters. 1911 Act. Protestis Sept. 16. Horace Hall, city eng.

LOS ANGELES, Cal.—Western Dredging Co., 629 Citiz. Natl. Bank Bldg. awarded cont. by bd. pub. wks. at \$347,936 to imp. Banning Blvd. bet. Anaheim and B Sts., involv. grading at \$346,500; san. sewer \$1436.

GILROY, Santa Clara Co., Cal.—City trustees have adopted resolution authorizing City Attorney Fitzgerald to permit the Southwest Paving Co., Washington Bldg., Los Angeles, to withdraw its bid of approx. \$450,000 to pave streets, the contract involv. 137,000 sq. ft. conc. gutter; 26,000 sq. ft. conc. walks; 1,200,000 ft. 4-in. asph. base with 1½-in. Warrentite surface; 200,000 sq. ft. asph. base with 2-in. warrentite surface; 150,000 sq. ft. surface pavement; 150,000 sq. ft. conc. walks; 1200 lin. ft. conc. curb; 500 lin. ft. galv. iron culvert; 1000 lin. ft. 8-in., 3000 lin. ft. 10-in., 2500 lin. ft. 12-in., 1000 lin. ft. 15-in. and 1500 lin. ft. 18-in. vit. pipe; 65 catchbasins; 46 manholes; 3000 lin. ft. r.w. headers boards.

LOS ANGELES, Cal.—Until 10 a. m. Sept. 8, bids will be rec. by bd. pub. wks. to imp. (1911 act):
96th St., bet. Vermont Ave. and 100 ft. e of Figueroa St., involv. conc. pav. curb, walk, cem. sew. Quant. not ready.
87th St., bet. Main St. and Moneta Ave., involv. 247 sq. ft. 5-in. conc., 1394 sq. ft. 2-in. bitum. base pav., 39,472 sq. ft. Warrentite-bitul. pav., 2466 sq. ft. curb, 10,172 sq. ft. walk, 2623 sq. ft. gut., san. sewer.
Dover St., bet. Seneca St. and Glen Feliz, involv. 98,333 sq. ft. conc. pav., 520 sq. ft. 2-in. bitum. base pav., 566 ft. curb, 19,501 sq. ft. wall, 20 sq. ft. gut., storm dr.

PASADENA, Cal.—City trustees declare inten. to imp. Green St., between Marengo and Hill Aves. and por. of about 16 other sts., involv. cem. conc. pav., asph. pav., curbs, walks, gut., conc. culv., sew. lighting sys; 1911 act. W. C. Earle, city engr.

LONG BEACH, Cal.—R. D. Van Alstine, city eng., estimates cost of paving Ocean Blvd. and Livingston Dr., bet. Alamitos Ave. and Toledo Dr. at \$130,000. City will pay \$44,000 of this. The council has ordered plans.

PASADENA, Cal.—The \$300,000 bond issue to imp. streets in So. Lake Ave. dist., incl. widening of Lake Ave. to 100 ft. bet. E Colorado and E California Sts., carried at the recent elec. Work is to involve 6-in. oil macad., walks, street lighting system. W. C. Earle, city engr.

FRESNO, Fresno Co., Cal.—County supervisors set Sept. 29 as date for special election to vote on organization of proposed Del Rey Sanitary District.

SEBASTOPOL, Sonoma Co., Cal.—City trustees order paving of Calder, Morris, Wilton and Florence Aves.

PORTLAND, Ore.—City Engineer estimates cost of widening and extending Willamette St., from west harbor line tillamette river to 2nd St., at \$991,700, of which \$247,925 is assessed to property owners affected.

NEVADA—Low bidders on these state highway projects were previously reported, complete list of bids follow:

White Pine County—Project No. 77, grade, const. culverts and place gravel surface bet. 11th St., City of Ely, and McGill.
Wm. Hoops, Hollister, Idaho (awarded contract) \$77,597.19
Nevada Contracting Co., Fallon, Nevada 79,109.90
Bishop & Brooks, Deeth, Nevada 86,212.90
Strange & Vallandingham, Salt Lake City, Utah 87,347.20
Ken Hodgman, Reno, Nevada 88,708.90
Lyon County—Project No. 80-A, grade, const. culverts and place gravel surface, bet. Yerington and 9.50 mi. E thereof:
John Ross, Yerington, Nev. (awarded contract) \$60,909.15
Bishop & Brooks, Deeth, Nevada 65,043.80
Ken Hodgman, Reno, Nevada 65,913.10
Wittenger Warehouse & Transfer Co., Tonopah, Nevada 67,955.60
A. D. Drumm Jr., Fallon, Nevada 71,626.85
Creech & Kistner, Fallon, Nevada 72,705.90
Humboldt County—Project No. 82-A, grade, construct culverts and place crushed rock and gravel surface bet. Golconda and 8.5 mi. E thereof:
Morrison-Knudsen Co., Boise, Idaho \$79,160.88
Ken Hodgman, Reno, Nevada 79,567.68
Nevada Contracting Co., Fallon, Nevada 89,426.68
Tieslar Bros., Berkeley, Calif. 91,292.28
T. Olney, Oakland, Calif. 94,644.18
White Pine County—Project No. 70, grade, const. culverts and place Port. cem. conc. surface bet. 1st street and 11th street, City of Ely
Strange & Vallandingham, Salt Lake City, Utah \$26,572.00
Bids on last two named projects, taken under advisement. Geo. Borden, State Highway Engineer.

NEVADA STATE—Following is list of low bids rec. by State Highway Commission for four projects:

Grade, const. culverts and place Port. cem. conc. surface in White Pine county bet. 1st and 11th Sts., city of Ely. Strange & Vallandingham, Salt Lake City, Utah, \$26,575. Taken under advisement.
Grade, const. culverts and place gravel surface in White Pine county bet. 11th St. city of Ely and McGill. Awarded to Wm. Hoops, Hollister, Idaho, at \$77,600.
Grade, const. culverts and place gravel surface in Lyon county, bet. Yerington and 9.5-mi. east thereof. Awarded to John Ross, Yerington, Nevada at \$60,910.
Grade, const. culvert and place crushed rock and gravel surface in Humboldt county bet. Golconda and 8.5 mi. east thereof. Strange & Knudsen Co., Boise, Idaho, \$79,165. Taken under advisement.

NAPA, Napa Co., Cal.—Until Sept. 8, 8 p. m., bids will be rec. by Howard B. Roper, secy. Napa School Board, to fur. 250 cu. yds. crushed rock screenings; bidders to submit samples. Further information obtainable from secretary.

HANFORD, Kings Co., Cal.—County Surveyor Roy May making surveys for road running south from end of Murray rd. to G. P. lease in Kettleman Hills.

LOS ANGELES, Cal.—Supervisors declare inten. to imp.:
Main St. and other sts. in Tr. 4741, 17,750 lin. ft. involv. 2641 cu. yds. excavation; 28,914 ft. curb; 113,316 sq. ft. walk; 5839 sq. ft. gut.; est., \$16,872.50.
Boston Ave., bet. Ash and Alameda Sts., 3593 ft. involv. 2780 cu. yds. excavation; 3433 ft. curb; 19,000 sq. ft. walk; 12,460 sq. yds. asph. conc. base; 12,460 sq. yds. Natl. pav.; est., \$39,910.40.

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Building & Engineering News

ALBUQUERQUE, N. M.—City Election will be called shortly for city bonds to finance extension, reconstruction, hospital buildings. Election held last year for this purpose failed to carry.

LOS ANGELES, Cal.—Supervisors declare order to improve:

For St. bet. Manchester and Shorb Aves., 217 ft. bit. manhole, 2,987 cu. yds. excav.; 10,434 sq. ft. gut.; 9,997 sq. yds. asphalt conc. base; 2,997 sq. yds. Natl. pav. top; est. \$81,347.50. Co. Imp. No. 137.

For St. bet. Manchester and Shorb Aves., 2472 lin. ft. involy. 3,351 cu. yds. excav.; 1234 ft. curb. 10,330 sq. ft. gut.; 2973 sq. yds. asphalt conc. base; 9973 sq. yds. Natl. pav. top; est. \$32,230.40. Co. Imp. No. 127.

Alleys in Jackson Park Tr., 3342 lin. ft. involy. 329 cu. yds. excav.; 178 ft. curb.; 1720 sq. ft. gut.; 5817 sq. yds. conc. pav.; est. \$10,747.70. Co. Imp. No. 86.

TIRLACK, Stanislaus Co., Cal.—City council, A. P. Ferguson, clerk, declares intent. (No. 117), to imp. Marshal St. from pavement in place in S. Front St. to Bell St., involy. grade and pave with 3-in. asphalt conc. base with 1 1/2-in. Warrant-bit. surface; cem. conc. curbs, gutters, culverts. 1911 Act. Protests Sept. 16. Horace Hall, city eng.

LONG BEACH, Cal.—City Eng. R. D. Van Alstine preparing plans to pave W. Anaheim St. bet. Daisy Ave. and Ferris Rd., est. \$85,000, rdwy. 70 ft. wide, 4789 ft. long.

LOS ANGELES, Cal.—Until 10 a. m. Sept. 2, bids will be rec. by bd. pub. wks. to const. Doyle Hts. storm dr. No. 2, incl. right-of-way of Mott St. to 6th St., Whittier Blvd., Mathews, Fickett and other sts. Work involves the foll. approx. quantities: 3153 ft. 12-in. 1585 ft. 15-in. 2000 ft. 18-in. 1653 ft. 21-in. 32 ft. 8-in. cem. pipe; 1038 ft. 33-in. 2113 ft. 30-in.; 599 ft. 45-in. 516 ft. 22-in.; 459 ft. 39-in.; and 529 ft. 24-in. reinf. conc. pipe; 2241 ft. 65-in. 3157 ft. 60-in. 1664 ft. 48-in. 330 ft. 36-in. 170 ft. 36-in. 5 ft. 30-in. 10 ft. 24-in. and 184 ft. 12-in. conc. storm dr.; 32 no. 18, 51 No. 21, 55 No. 23, and 4 No. 24 catch basins; 34 type K, 13 type X, one type Z, 1 type E, 12 std., and 1 std. drop manhole; 17 manholes, frames and covers; 2 junc. cover sets; 4 catch basin cover sets; 2 junc. chambers, one lamphole; one conc. and wall; 100 ft. special monolithic conc. section; 100 ft. monolithic conc. sewer; 8 ft. 8-in. seam sew. embedded in reinf. conc. base; incl. alterations and various culv. to be blocked airtight; 4165 sq. ft. gut.; 28 sq. ft. walk; 45,226 sq. ft. gr. and sidewalk; 28 ft. curb; 61,930 sq. ft. in. conc. pav. 752 sq. ft. 4-in. bitum. base pav.; resurf. of trenches, as foll.: asphalt pav. on First St., Topeka on 4th St., rock and oil pav. on all other sts. and alleys. All pipe not particularly spec., to be cem. pipe.

VISALIA, Tulare Co., Cal.—City trustees vote to const. sidewalks in dists. No. 3 and 4, covering north section of the city and sections extending from West Main St. at Willitt north and south to Goshen Ave.

SAN MARINO, Cal.—City trustees declare intent. To const. 8-in. vit. sewer in Oak Grove Ave. in Mesa Rd. in Virginia Rd., in Mill Lane and in Circle Dr., Sossand Rd. and in a portion of St. Albans Rd.; 1911 Act.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 2, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Keyes St., bet. Senter rd. and bridge over Cayote river; 28 ft. curb; 61,930 sq. ft. in. conc. pav. 752 sq. ft. 4-in. bitum. base pav.; resurf. of trenches, as foll.: asphalt pav. on First St., Topeka on 4th St., rock and oil pav. on all other sts. and alleys. All pipe not particularly spec., to be cem. pipe.

LOS ANGELES, Cal.—Election will probably be held in South Bay Cities Sanitation Dist. to vote \$500,000 bond issue for an intercepting sewer system embracing Redondo, Hermosa, Manhattan and portion of L. A. county, incl. Palos Verdes.

SAN DIEGO, Cal.—City engineers estimate to pave Kettner Blvd., Hancock St., Calif. Ivy and Pierce Sts., is 1336 cu. yds. excav.; 344,315 sq. ft. pav.; 26,611 ft. curb. 10,250 sq. ft. walk; 12 culverts, 43 6-in. and 23 4-in. sewer laterals.

COMITON, Cal.—Until 8 p. m. Sept. 2 bids will be rec. by city trust. to imp. under 1911 act and 1915 imp. wch. involving 17,560 lin. ft. curb, 86,330 sq. ft. walk, 370 sq. ft. gut., 263,500 sq. ft. grad., 263,500 sq. ft. 5-in. conc. pav., 8396 lin. ft. 8-in. cem. pipe, 3504 lin. ft. cem. 4-in. manholes and junction chambers, 7 flush tanks, 2630 lin. ft. 4-in. machine banded wood stave pipe, 3321 lin. ft. 4-in. c. i. water pipe, 2436 lin. ft. 2-in. galv. pipe, 3471 3/4-in. galv. pipe, Edward M. Lynch, Central Bldg., L. A., engr. Maude Hecock, city clerk.

SONORA, Tuolumne Co., Cal.—Tuolumne County supervisors enter into agreement with U. S. Forest Service whereby the county will provide \$35,000 and the Forest Service \$150,000 to finance improvement of Sonora-Mono highway from Hibbing Ranch near Soulsbyville to Long Barn, a distance of approx. 10-mi. The imp. will eliminate the worst grades on the roadway by relocation. It is proposed to surface the work with rock macadam, 26 ft. wide.

LONG BEACH, Cal.—Until 9:30 a. m. Sept. 2, bids will be rec. by council to improve:

Argonne Ave., bet. Elliot and Colorado Sts., curb and walk.

Molino Ave., bet. 10th and Anaheim Sts., conc. pav., curb, walks, vit. hse. conn.

21st St., bet. American and Pacific Aves. and por. other sts.; curb, walk.

Gladys Ave., bet. 14th and Anaheim Sts.; curb and walk.

Lemon Ave., bet. 17th and State Sts.; 6-in. asphalt conc. pav., curb, walk, gut.

5th St., bet. 1st and 21st Sts.; 6-in. comb. curb and gut, walk, 6-in. conc. pav. with 2-in. asphalt wearing surf. 1911 act. R. D. Van Alstine, city engr.

REDONDO BEACH, Cal.—Until 8 p. m., Sept. 2, bids will be rec. by city trustees to pave:

Alleys in Clifton-by-the-Sea, involy. 5-in. conc. pav. with oil and screenings protective coat, redwood headers.

Catalina Ave. (Clifton-by-the-Sea), bet. Ave. I and so. city limits of Redondo, and por. of other sts.; 4-in. asphalt conc. pav. and 2-in. Willitt wear. surface.

Agate St., bet. Camino Real and Lucia St.; 2 1/2-in. asphalt conc. pav. with 1 1/2-in. Willitt surf., walks, gut., curb. 1911 act. Victor H. Stannell, city engr.

SANTA ROSA, Sonoma Co., Cal.—City council, Vida McL. Doggett, clerk, declares intent. To const. 8-in. vit. sewer in Huntington Beach Blvd., 5 mi. County will turn. 11,550 bbls. cem. Rd. Dist. Imp. Act. Approx. quant.; 16,000 cu. yds. excav., 10,758 cu. yds. conc., 75 ft. 36-in. c. m. p., 90 ft. 18-in. c. m. p., 108 ft. 15-in. c. m. p., 180 ft. 12-in. c. m. p.

Plans and spec. from supt. of highways, dep. \$15. J. M. Backs, clerk.

Second St., bet. Davis and Main Sts.

King St., bet. College Ave. and Washington St.

7th St., bet. Wilson and Washington Streets.

Bosley St., bet. Sebastopol Ave. and Barnett St.

7th St., bet. Washington and E Sts.

City council, to const. 8-in. vit. sewer in Huntington Beach Blvd., 5 mi. County will turn. 11,550 bbls. cem. Rd. Dist. Imp. Act. Approx. quant.; 16,000 cu. yds. excav., 10,758 cu. yds. conc., 75 ft. 36-in. c. m. p., 90 ft. 18-in. c. m. p., 108 ft. 15-in. c. m. p., 180 ft. 12-in. c. m. p.

Plans and spec. from supt. of highways, dep. \$15. J. M. Backs, clerk.

Second St., bet. Davis and Main Sts.

King St., bet. College Ave. and Washington St.

7th St., bet. Wilson and Washington Streets.

Bosley St., bet. Sebastopol Ave. and Barnett St.

7th St., bet. Washington and E Sts.

City council, to const. 8-in. vit. sewer in Huntington Beach Blvd., 5 mi. County will turn. 11,550 bbls. cem. Rd. Dist. Imp. Act. Approx. quant.; 16,000 cu. yds. excav., 10,758 cu. yds. conc., 75 ft. 36-in. c. m. p., 90 ft. 18-in. c. m. p., 108 ft. 15-in. c. m. p., 180 ft. 12-in. c. m. p.

Plans and spec. from supt. of highways, dep. \$15. J. M. Backs, clerk.

Second St., bet. Davis and Main Sts.

King St., bet. College Ave. and Washington St.

7th St., bet. Wilson and Washington Streets.

Bosley St., bet. Sebastopol Ave. and Barnett St.

7th St., bet. Washington and E Sts.

City council, to const. 8-in. vit. sewer in Huntington Beach Blvd., 5 mi. County will turn. 11,550 bbls. cem. Rd. Dist. Imp. Act. Approx. quant.; 16,000 cu. yds. excav., 10,758 cu. yds. conc., 75 ft. 36-in. c. m. p., 90 ft. 18-in. c. m. p., 108 ft. 15-in. c. m. p., 180 ft. 12-in. c. m. p.

Plans and spec. from supt. of highways, dep. \$15. J. M. Backs, clerk.

Second St., bet. Davis and Main Sts.

King St., bet. College Ave. and Washington St.

7th St., bet. Wilson and Washington Streets.

Bosley St., bet. Sebastopol Ave. and Barnett St.

7th St., bet. Washington and E Sts.

SOUTH GATE, Cal.—Griffith Co., 602 E. A. Ry. Bldg., Los Angeles, awarded cont. by city trusts to imp.:

Southern Ave., involy. 18,280 sq. ft. walk 16c ft; 4280 ft. curb 50c ft; 19,630 sq. ft. 5-in. gut. 22c ft; 6110 sq. ft. 8-in. gut. 33c ft; 276,950 sq. ft. grad. 23c ft; 1 1/2-in. Willitt pav. on 3 1/2-in. bitum. base 19c ft.

Otis Ave., involy. 50 sq. ft. walk 16c ft; 20 ft. curb 50c ft; 5303 sq. ft. 5-in. gut. 22c ft; 388 sq. ft. 8-in. gut. 33c ft; 49,933 sq. ft. grad. 3c ft; 49,933 sq. ft. 1 1/2-in. Willitt pav. on 4-in. bitum. base 205c ft.

Seville Ave., involy. 50 sq. ft. walk 16c ft; 1954 ft. curb 50c ft; 3085 sq. ft. 5-in. gut. 22c ft; 705 sq. ft. 8-in. gut. 33c ft; 42,612 sq. ft. grad. 3c ft; 42,612 sq. ft. 1 1/2-in. Willitt pav. on 3 1/2-in. bitum. base 19c ft.

SANTA MONICA, Cal.—Council declares intent. to imp. Pennsylvania Ave. bet. 14th and 20th Sts., involy. 1 1/2-in. Warrenite-bitul. pav. on 2 1/2-in. asphalt conc. base; water distrib. sys., manholes, etc.; 1911 act. Howard B. Carter, city engineer.

SAN ANSELMO, Marin Co., Cal.—Town trustees order plans prepared to imp. Hillside Ave., to be paved with hyd. conc. base, 2 1/2-in. Willitt, incl. balance of street to be paved with asphalt macadam. Plans also ordered prepared to pave Roland Way and Laurel Ave. Petitions have been presented seeking imp. of Sausalito Ave., San Francisco Blvd., Santa Barbara and Santa Cruz Aves.

LOS ANGELES, Cal.—Wm. Liddington, 420 E. 60th St., awarded cont. by Bd. Pub. Wks. at \$20,295 to imp. Wilcox Ave., bet. Hollywood and Sunset Blvds. with cem. conc., asphalt pav., and bitum. base pav. and her incidental items.

SAN BERNARDINO COUNTY, Cal.—Until Sept. 11, 9 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bureau of Public Works, 9 Main St., San Francisco, to const. Fredaba Big Bear National Forest Highway in San Bernardino County; 2 1/2-in. Willitt, involy. 19 acres of clearing; 37,500 cu. yds. unclassified excavation; 93 cu. yds. A conc.; 87 cu. yds. C conc.; 9610 lbs. rein. steel; 1464 lin. ft. corr. metal pipe. See call for bids under official proposal section in this issue.

COMPTON, Cal.—Geo. H. Oswald, 356 E. 58th St., Los Angeles, awarded cont. by city trustees to imp.

Magnolia Ave., involy. 60 sq. ft. walk 19c ft; 1788 ft. curb 50c ft; 37,245 sq. ft. grad. 175c ft; 37,245 sq. ft. conc. pav. 17c ft; 2 c. b. \$100 ea., 200 ft. 6-in. hse. conn., \$1 ft. 24 ft. 4-in. water pipe 1 1/2 ft; 32 ft. 1-in. water serv. \$1.30 ft; 500 ft. 3/4-in. serv. at \$1.30 ft.

Palmer Ave., involy. 27,480 sq. ft. walk 17c ft; 6470 ft. curb 50c ft; 213,650 sq. ft. grad. 1c ft; 213,650 sq. ft. 5-in. conc. pav. 165c ft; 80 ft. 15-in. sewer \$1.50 ft; 160 ft. 8-in. sewer \$1.25 ft; 100 ft. 15-in. sewer \$1.25 ft.

Ornam. lgt. sys. \$13,000.

PASADENA, Cal.—Clarence P. Day Corp., 226 Boston Bldg., Pasadena, awarded cont. by city directors at \$81,758 to imp. West United Conc. Pipe Co. reinforced concrete storm dr. at \$24,982; oil macad. pav. 9c ft. walk 16c ft; grad. \$9500 50c ft. curb; 235c sq. ft. gutter.

POMONA, Cal.—Council declares intent. to imp. under 1911 act:

3rd St., bet. Gordon St. and Park Ave; 5-in. conc. pav. and rock and asphalt wear surf., curbs.

Holt Ave., bet. Reservoir St. and city limits; 6-in. conc. pav. 3-in. vit. sew., cobblestone curbs, cem. curbs, etc.

SANTA BARBARA, Cal.—J. H. Tillman Co., Portland, submitted low bid to council at \$183,800 to lay outfall sewer line, 3800 ft. into the ocean, 42-in. dia., connecting screening plant with ocean outfall. United Conc. Pipe Co. submitted low bid at \$3200 for fur. a small quantity of std. pipe and at \$41,000 for fur. submarine reinf. conc. pipe for this outfall. Other bids will be published later.



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EUREKA, Humboldt Co., Cal.—City Sept. 2 p. m. bids will be rec. by Eng. Harry H. Hannah, preparing spec. to pave D St., bet. 4th and 7th Sts.

LOS ANGELES, Cal.—Until 10 a. m. Sept. 22, bids will be rec. by bd. pub. wks. for Portland cement for Macy St. viaduct, across Los Angeles river. Spec on file at office of city engr.

SANTA BARBARA, Cal.—Council declares intent to install light system in Carrillo St. bet. De La Vina and Canal Sts., 1911 act (C. L. posts).

SAN BERNARDINO, Cal.—Until 7:30 p. m. Sept. 8 bids will be rec. by council to install lighting system in E St. bet. 5th St. and 131 ft. n. of 3rd St.; also in 4th St. bet. 120 ft. w. of E St. and Arrowhead Ave.; (concrete standards); 1911 act. J. H. Osborn, city clerk.

SANTA MONICA, Cal.—Council declares intent to install lighting system (conc. posts) in Main St., bet. Pico Blvd. and Hollister Ave.; 1911 act. Howard B. Carter, city engr.

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SANTA MONICA, Cal.—D. S. McKean submitted low bid to council at \$5226 to install ornam. lighting system in Marine St., bet. Maine and 4th Sts. Osborn Elec. Co. bid \$6300.

LOS ANGELES, Cal.—Griffith Co., 501 L. A. Ry. Bldg., awarded cont. by supervisors at \$20,091 to imp. Hickory and Ivy Sts., Co. Imp. No. 209, involv. 3390 cu. yds. excav. 85c yd.; 9510 sq. ft. gut. 20c ft.; 9166 sq. yds. conc. paving \$1.67 yd.

FULLERTON, Cal.—L. A. Pav. Co., 2900 Santa Fe Ave., L. A., awarded cont. by city trustees at \$55,096 to pave portions of West Truslow Ave., East Truslow Ave., etc., involv. grad., asph. conc. pav. (Topeka top), curb, remov. of culv., etc.

EUREKA, Humboldt Co., Cal.—City Eng. Harry H. Hannah preparing spec. to pave D St., bet. 4th and 7th Sts.

HAWTHORNE, Cal.—City trustees declare intent to imp:

New Jersey Ave., bet. Hawthorne and Prairie Aves., 1½-in. Willite on 2½-in. asph.-conc. pav. (2-in. d. g. sub-base), curb, walk, gut.; 1911 act and 1915 bond act.

Eucalyptus Ave., bet. Raymond Ave. and Ballona Ave., involv. 1½-in. Willite pav. on 2½-in. asph. conc. base with 2-in. d. g. sub-base; curbs, walks, gutters; 1911 act and 1915 imp. bond act. Victor H. Staheli, city engr.

HERMOSA, Cal.—Election will be held Sept. 30 to vote \$200,000 sewer system. Victor H. Staheli, city engr.

ALHAMBRA, Cal.—City trustees declare intent to const. storm dr. and struc. in Ramona Blvd. n. of P. E. R.-of-w. (Covina branch), bet. Addie and Hellman Aves., Westminster Ave., bet. Hellman Ave. and Avondale Dr. and por. 4 other sts.; 1911 act. R. B. Wallace, city clerk.

SAN DIEGO, Cal.—H. G. Fenton, 1930 Main St., San Diego, submits low bid to council at \$12,002 to imp. Pettibone, Wightman, Landis sts., etc., involv. 13,763 cu. yds. earth excav. \$1.25 yd.; 3300 cu. yds. earth embank. 10c yd.; 55,842 sq. ft. conc. walk 23c ft.; 12'-SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares intent to imp. St. John St. from pt. 351 ft. w. of 31st St. to pt. 245.59 ft. e. of 31st St., involv. grading; pave with 1½-in. Warrenite-bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curb, gutter and walks; 4-in. hyd. cem. conc. house lateral drains. 1911 Act & Bond Act 1915. Protests Sept. 2. Wm. Popp, city engineer.

OAKLAND, Cal.—Until Sept. 4, 12 M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of Logan Ave., involv. grading; const. concrete curb; manhole; conc. and walls. 1911 Act Cert. check 10% payable to city rec. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Nick Chutuk & Leo Vuksich, 1506 Pleasant Ave. awarded cont. by bd. pub. wks. at \$29,150 for sewer in 6th ave. bet. Vernon Ave. and 482 ft. s. of 50th St.

SAN MARINO, Cal.—Gogo & Radich, 705 Bernard St., Los Angeles, awarded cont. by city trustees at \$6375 for 8-in. vit. sewer lateral with manholes and sewer in Rosalind Dr. and n. city limits, and in a portion of Holladay Rd.

SAN LEANDRO, Alameda Co., Cal.—Thos. Geary, Oakland, awarded cont. by supervisors to sewer (1) Magdeline Ave. and (2) Parrott St., \$2050.25 for the former and \$222 for the latter. Other bids were: Manual Smith, (1) \$246.25, (2) \$385; John Gard, (1) \$294.88, (2) \$314; M. A. Lopez, (1) \$2315.3E (2) \$412.15; F. E. Church, (1) \$2088.80, (2) \$236.20.

SANTA ANA, Cal.—Until 11 a. m. Sept. 2, bids will be rec. by supervisors to pave 5 mi. on Arrow highway, West 17th St., bet. Santa Ana and Westminster Blvd., connecting Santa Ana with Long Beach, by a direct route; est. \$130,000. J. L. McBride, co. rd. comm.

LOS ANGELES, Cal.—Pioneer Transfer Co. of Calexico, Inc. awarded cont. by supervisors at \$69,850 to pave Garvey Ave., bet. New Ave. and Lexington-Gallatin Rd., 3.52 mi., with cem. concrete.

WHITTIER, Cal.—City trustees declare intent to pave Union Ave., bet. College and Penn Sts. with 6-in. conc. walk, curb; 1911 act. Paul Gilmore, city clerk.

ORANGE COUNTY, Cal.—W. D. McCall, 129 W-2nd St., Los Angeles, at \$108,310 (reinforced concrete pipe) awarded cont. by Santa Highway Commission to grade 5.2 mi. in Orange county, bet. Corona Del Mar and Laguna Beach. Engineer's estimate, \$159,089.55.

EUREKA, Humboldt Co., Cal.—Council, Fred M. Kay, city clerk, contemplates bond election to finance sewer construction. Harry H. Hannah, city clerk.

ARCADIA, Cal.—The \$225,000 street imp. bonds carried at recent election.

WILMINGTON, Cal.—Petitions are out for intercepting sewer system serving the n.w. section of city, about 700 acres and 2500 lots. Cost, \$122,000. Linn and \$23,000 sewage pump plant. J. T. Thomas, resident engr., at Wilmington.

SANTA MONICA, Cal.—Until 10 a. m. Sept. 2, bids will be rec. by council to pave Yale St., bet. Wilshire Blvd. and Colorado Ave., etc., with Warrenite-bit. pav. on asph. conc. base, curbs, walks, e. i. water pipe, sew.; 1911 act. Howard B. Carter, city engr.

HAYWARD, Alameda Co., Cal.—Associated Const. Co., 564 Market St., San Francisco, at \$29,358 awarded cont. by city trustees to imp. portions of De Soto St. and Sunset Blvd., involv. 120,000 sq. ft. 3½-in. asph. conc. base with 1½-in. asph. conc. surface pavement including grading; conc. curbs and gutters. Hutchinson Co., Oakland, only other bidder at approx. \$31,150.

SANTA MONICA, Cal.—Kneen Pav. Co., Dudley Bk., Santa Monica awarded cont. by council at \$39,111 to pave Ocean Ave., bet. Broadway and 9th St. with Warrenite-bitul. Work also includes curbs, walks, sew., ltr. sys., water pipe.

RIVERSIDE, Cal.—County surveyor A. C. Fulmer estimates cost of 11.7 mi. rd. from Oak Cliff to Idyllwild and Keen Camp in San Jacinto Mts., at \$14,000. Average grade would be 1.5 in. to forest dept. will pay half the cost. Bridges and culverts will cost \$7,000.

UPLANDS, Cal.—City trustees declare intent to const. 8-in. vit. sewer with m. h. etc. in alley s. of Washington Blvd., through blks 3, 4, 5 and 6, Pleasant View Tr., and in portions of other alleys, 10th and 11th Sts.; 1911 act. E. C. Mehl, city clerk.

NAPA, Napa Co., Cal.—Until Sept. 10 10 a. m., bids will be rec. by James A. Daly, county clerk, to fur. 1000 cu. yds. 1-in. crushed rock in bunkers at quarry in Redwood road. Cert. check 10% payable to chairman of Bd. of Suprs. rec.

CULVER CITY, Cal.—City trustees declare intent to imp. Figueroa St., bet. Washington Blvd. and s.w. line Tr. 4161; curb, walk, remod. m. h. 3½-in. asph. conc. pav. and 1½-in. Nat. top; 1915 imp. bond act. Nellie Brown Haus, city clerk.

SANTA BARBARA, Cal.—Council declares intent to imp. Alameda Padre Serra bet. Moreno Rd. and Camino Rey Alberto; 5-in. conc. pav., conc. curb, driveways, rubble walk, 6-in. and 8-in. vit. sew., 4-in. hse. conn., cem. storm dr.; 1911 act.

EUREKA, Humboldt Co., Cal.—City Eng. Harry H. Hannah completes spec. to imp. Union St., bet. Cedar and Russ and for a storm sewer in Union St., bet. Murray and Whipple and in Whipple St., bet. Union and Broadway.

OROVILLE, Butte Co., Cal.—Chico Contracting Co., Chico, submits low bid to city council to imp. portions of Pine, Orange Sts., etc., involv. (a) 6509 cu. yds. excavation, \$1.50; (b) 171,000 sq. ft. 2½-in. asph. conc. pavement with 1½-in. Warrenite-bit. surface, \$2.1; (c) 4000 lin. ft. curb and gutter, \$6.5; (d) conc. culvert, \$5.0 ft.

California Const. Co., San Francisco, only other bidder at (a) \$1.50; (b) \$2.99 ment.

STOCKTON, San Joaquin Co., Cal.—Doville and Cunan, Stockton, at \$1763 awarded cont. by council to imp. Argonne Dr., bet. Pershing Ave. and Chateau Thierry Dr., involv. 282 cu. yds. cut, \$25; 10 cu. yds. fill, \$28; 131 ft. conc. curb and gutter, \$1791 ft. walks \$1504 (lump sum). Other bids. R. C. Tumulty, \$1989; Clark and Henery Construction Co., \$2021; Klaus Bros., \$1919; O. F. Chelgren, \$2466.

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OFFICIAL PROPOSALS

(Continued from Page 21)

NOTICE TO CONTRACTORS

(San Diego Naval Hospital Extension)

SEALED PROPOSALS, indorsed "Proposals for extension to Building, San Diego, Calif., Specification 5009," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., Sept. 24, 1924, and then and there publicly opened for extension to nurses' quarters at the Naval Operating Base (Hospital), San Diego, Cal. The building will have concrete foundations, basement walls and floors, reinforced concrete frame, floor and ceiling slabs; wood roof framing; tile roof; artificial stone trim; hollow tile walls and partitions; stuccoed exterior; metal lath and plaster; wood doors, sash, frames and finish; wood, composition and cement finished floors; marble and tile; steel and iron work; steel covered doors, frames and trim; screens, and plumbing; heating, lighting and telephone systems. Specification No. 5009 and accompanying drawing may be obtained on application to the Bureau or to the Public Works Officer, U. S. N., San Diego, California. Deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification.

L. E. GREGORY, Chief of Bureau 1924

STATE OF CALIFORNIA
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on Sept. 15, 1924, at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows: Butte County, a reinforced concrete girder bridge across Cherokee Canal By-Pass, about one mile east of Richvale (III-But-3-B), consisting of five 30 foot spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

ated at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,

California Highway Commission.

R. M. MORTON,
State Highway Engineer.

W. F. MIXON, Secretary.

Dated, Aug. 18, 1924.

(Aug. 22-29, Sept. 5-12)

37

NOTICE TO CONTRACTORS

(Circulating Water Discharge Loop—
Pearl Harbor)

Sealed proposals, indorsed "Proposals for Circulating Loop, Pearl Harbor, Hawaii, Specification No. 5001," will be received at the Bureau of Yards and Docks, Navy Department, Washington, until 11 o'clock A. M., October 1, 1924, and then and there publicly opened, for circulating water discharge loop, consisting of a 54-inch concrete pipe line about 630 ft. long, concrete manholes, cast iron frames and covers, screens, sluice gates with hand operating mechanism, and all the necessary trenching, concreting of pipe and backfill at the naval operating base (navy yard), Pearl Harbor, T. H. Specification No. 5001 and accompanying drawings may be obtained on application to the bureau, to the commandant, naval operating base, Pearl Harbor, T. H., or to the commandant, navy yard, Mare Island, Calif. Deposit of a check or postal money order for \$10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau July 26, 1924.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, California, until 2 o'clock P. M., on September 8, 1924, at which time they will be publicly opened and read, for construction, in accordance with plans and specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Butte County, between 2 1/2 miles northwest of Chico and Sacramento Avenue (III-But-47-A), about one and seven-tenths (1.7) miles in length, to be paved with asphalt concrete.

Kern County, a reinforced concrete girder bridge across Cottonwood Creek, about 7 1/2 miles northeast of Edison (VI-Ker-57-E), consisting of four 50-foot spans and five 22-foot spans.

Plans may be seen, and forms of proposals, bonds, contract and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,

California Highway Commission.

R. M. MORTON,
State Highway Engineer.

W. F. MIXON, Secretary.

Dated: August 11, 1924.

SUBSCRIPTION BLANK

Cut Out and Mail Today

192

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$5.00 (Remittance must accompany order)

Name

Street and No.

City State

GARAGE
(3355) 1 N. CORTLAND AVE. 70 E. Mission, 1-story frame private garage.
Owner—Mrs. S. Smith, 105 Waller St., San Francisco.
Architect—None.
Contractor—J. B. Sprague, 387 Coleridge St., S. F. \$1000

ALTERATIONS
(3379) 921 GRANT AVE. Alterations and additions for present building.
Owner—Ming Yee Association, % architect.
Architect—Chas. E. J. Rogers, Phelan Bldg., S. F.
Contractor—Hartford & Hill, 918 Harrison St., S. F. \$71,000

ADDITION
(3357) S. UNION 100 N. POLK. Addition for private garage.
Owner—Nick Murial, 1449 Stockton St., S. F.
Architect—C. Meyer, 57 Post Street, San Francisco. \$4500

(3398) N. CALIFORNIA 32-6 W. 7TH AVE. 2-story and basement frame (2) flats.
Owner—Law E. Hunter, 1504 California St., S. F.
Architect—Andrew H. Knoll, Hearst Bldg., S. F. \$7500

FRAME BLDG.
(3599) DEHARO AND DIVISION STS. 4-story frame mortar plant.
Owner—Holmes Lime and Cement Co., 425 Kearny St., S. F.
Architect—W. H. Kim, Jr., and Hamilton Murdock, 125 Kearny St., S. F. \$12,000

DWELLING
(3600) PTN. LOT 9, BLK. 22, LYING SE of line parallel to NW bdy. line lot 9 and distant 40 therefrom along NE Yerba Buena Ave. All that ptn. lot 10 blk. 22 lying NW from line parallel to NW bdy. said lot and distant therefrom 35 along N bdy. Yerba Buena Ave., Map St. Francis Wood Extension No. 2. All work for 2-story and basement frame dwelling and garage.
Owner—Solomon J. and Byrd H. Vogel, 359 16th Ave., S. F.
Architect—Chas. F. Masten and Lester W. Hurd, 278 Post St., S. F.
Contractor—Mangels Bros., 472 Mission St., S. F.
Filed Aug. 21, 1924. Dated Aug. 19, 1924
Frame up \$3156
Brown coated 3156
Completed and accepted 3156
Usual 35 days 3156
TOTAL COST, \$12,624
Bond, \$6312. Sureties, Theresa Gamma and John A. F. Steimke. Forfeit, \$5. Limit, 100 days. Plans and specifications filed.

FLATS
(3601) N. FRANCISCO 225 E. Octavia. E 25 x N 137-6. All work except finish hardware, window shades and chandeliers for 2-story and basement frame flat bldg.
Owner—Alfred Puccini, 2317 Jones St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., S. F.
Contractor—C. Lindberg, 1 Naylor St., San Francisco.
Filed Aug. 21, 1924. Dated Aug. 19, 1924
Rough frame up \$3000
Brown coated 3500
Completed and accepted 3700
Usual 35 days 4200
TOTAL COST, \$14,400
Bond, \$7200. Sureties, Chas. Monson and H. A. Larsen. Forfeit, none. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(3602) 1419 EIGHTH AVE. Move and make 2-room addition and private garage quarters for dwelling.
Owner—H. Jagger, premises.
Architect—None.
Contractor—W. J. Black, 1306 Guerrero St., S. F. \$3000

SOCIAL HALL
(3603) S. TWENTY-SIXTH 74-8 E. Alabama. 1-story frame social hall.
Owner—Verdi Club, 3192 22nd St., San Francisco.
Architect—V. Masarie, 1121 Wisconsin St., San Francisco.
Contractor—J. Del Favero & Co., 180 Jessie St., S. F. \$5000

DWELLING
(3604) W. TWENTY-FOURTH AVE. 150 N. Ulloa. 1-story and basement frame dwelling.
Owner—Joseph Howard & Thomas W. Simmons, 1211 Alexander Bldg., San Francisco.
Architect—Dodge A. Riody, Pacific Bldg., San Francisco.
Contractor—Joseph Howard, 118 1st Ave., S. F. \$5000

ALTERATIONS
(3605) 2565 MISSION ST. Place rustic, install glazing; plastering painting for store.
Owner—Wm. F. Altavero, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 189 Jessie St., San Francisco. \$2000

REMODEL
(3606) 189 COLLEGE AVE. Remodel 2-story frame residence for flats.
Owner—E. S. Smith, 189 College Ave., San Francisco. \$1500
Architect—None.

DWELLINGS
(3607) E. TWENTY-THIRD AVE. 25 N. Judah. 1-story and basement frame dwellings.
Owner—W. A. Smith, 510 Page St., San Francisco. \$3500
Architect—None.

DWELLING
(3608) N. GILMAN AVE. 150 W. Griffith. 1-story and basement frame dwelling.
Owner—Anna and J. M. Jordan, 1045 Gilman Ave., San Francisco.
Architect—None.
Contractor—A. Marchis, 6326 Mission St., San Francisco. \$2900

BUILDING
(3609) N. JESSIE 300 W. 7th. 1-story and mezzanine floor reinforced concrete building.
Owner—Miller Steinan, 604 Mission St., S. F.
Architect—None.
Contractor—Buschke & Brown, 601 Mission St., S. F. \$4500

HOTEL
(3610) E. JONES 82-6 S. Turk. Six-story and basement concrete hotel.
Owner—J. G. Kincanon, 275 Russ Bldg., San Francisco.
Architect—Erie J. Osborne, Balboa Bldg., San Francisco.
Contractor—Kincanon & Walker, 275 Russ Bldg., S. F. \$85,000

DWELLING
(3611) S. STANVAN 253-3 S. Rivoli. 2-story and basement frame dwlg.
Owner—Agnes M. Dunn, 1400 Cole St., San Francisco.
Architect—None.
Contractor—Nelson E. Lutz, 521 Waller St., San Francisco. \$3500

DWELLING
(3612) E. SOUTH HILL 135 S. Chicago. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco. \$3800
Architect—None.

DWELLINGS
(3613) N. WINDING WAY 103-85 W. Cordova. 2 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco. \$3500 & \$3800
Architect—None.

DWELLINGS
(3614) N. BALTIMORE 266 & 300 E. Naylor. 2 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco. \$3800 each
Architect—None.

DWELLING
(3615) W. NAYLOR 33 N. Baltimore. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco. \$3800
Architect—None.

DWELLINGS
(3616) E. CHICAGO 135 168 E. Cordova. 2-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco. \$3500 each
Architect—None.

DWELLINGS
(3617) E. CORDOVA 33 N & 33 S. Chicago. 2 1-story & basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. \$3800 each

DWELLINGS
(3618) W. PENINSULA 128 160 N. Bay Shore. 2 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. \$3500 each

RESIDENCE
(3619) LOT 28 BLK 37 MAP BLKS 27 to 34 Forest Hill Extn. Excavation, concrete, carpenter, mill, roofing, glazing, hardware, inlaid floors, stairs, brick work and pat. flues for 1-story and part 2-story and basement frame residence.
Owner—Carl Gellhaus, 1906 Fulton St., San Francisco.
Plans by owner.

Contractor—John Casty & Son, 130 Jessie St., San Francisco.
Filed Aug. 22, 1924. Dated Aug. 6, 1924.
Enclosed ready for plastering \$2180
Completed and accepted 2180
Usual 35 days 1454
TOTAL COST, \$3634
Bond, \$2007. Sureties, J. H. McCallum, Peter T. C. Wolff; Forfeit, \$5; Limit, 75 days; Plans and specifications filed.

CEILING, LATHING & PLASTERING ON ABOVE
Contractor—King & Alfieri, 1363 Webster St., San Francisco.
Filed Aug. 22, 1924. Dated Aug. 6, 1924.
Outside scratch coat on and brown coated inside \$444
Plastering completed 400
Completed and accepted 44
Usual 35 days 236
TOTAL COST, \$1184

Bond, \$592. Sureties, G. Mazzera, Louis Mazzera; Forfeit, \$5; Limit 15 days after ready for same; Plans and specifications filed.

BUILDING
(3621) S. EDITH PLACE 150 W. Grant Ave. W 20 x S 40. All work except lighting fixtures and shades for 2-story and basement frame bldg.
Owner—Mario De Martini, 1930 Mason St., San Francisco.
Architect—None.

Contractor—Paul De Martini, 2869 Octavia St., S. F.
Filed Aug. 21, 1924. Dated Aug. 21, 1924
Frame up \$1535
Brown coated 1535
Completed and accepted 1540
Usual 35 days 1540
TOTAL COST, \$6150

Bond, Forfeit, none; Limit, 90 days; Plans and specifications, none.

(3622) S. ELIZABETH 228-4 W. Douglas. 1-story and basement frame dwelling.
Owner—S. F. Home Building Co.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000

FLATS
(3623) S. TWENTY-FIRST 75 E. York. Two-story and basement frame (2) flats.
Owner—T. D. Sullivan, 969 Hampshire St., San Francisco.
Architect—None. \$7000

FLATS
(3624) W. DIVISADERO 50 S. Francisco. Two-story and basement frame (2) flats.
Owner—Miss Marie Forman.
Architect—C. F. Parker, 251 Kearny St., San Francisco.
Contractor—C. F. Parker, 251 Kearny St., San Francisco. \$6000

DWELLING
(3625) E. TWENTY-THIRD AVE 150 S. Taraval. One-story and basement frame dwelling.
Owner—George O. Bendin, 1422 21st Ave., San Francisco.
Plans by Owner. \$2000

DWELLINGS
(3626) E. FORTY-SIXTH AVE 270 and 295 N. Balboa. Two one-story and basement frame dwellings.
Owner—Little Christensen, 1442 8th Ave., San Francisco. \$4000 each
Architect—None.

RESIDENCE

(3642) N 12th & SUTTER AVE. 1 1/2 story
All rooms put up for rent.
Owner—J. H. McKay, 465 11th Ave.,
San Francisco.
Architect—None.
Contractor—J. H. McKay, 465 11th Ave.,
San Francisco.
Plans by owner.
Bond, \$2200; Sureties, Hartford Accident
& Indemnity Co.; Forfeit, Limit,
none; Plans and specifications filed.

TOTAL COST \$4100

FLATS

(3643) W TWENTY-NINTH AVE. 250
S California Ave. 2-story and basement
frame (2) flats.
Owner—H. E. Bessett, 442 20th Ave.,
San Francisco.
Architect—J. E. Rammert, 24 Kearny
St., San Francisco.
Contractor—C. H. Bessett Bldg. Co.,
Mills Bldg., S. F.
\$19,000

BASEMENT

(3642) E DELICADO 22 N 22nd St.
Construct basement.
Owner—Potrero Hill Neighborhood
House, premises.
Architect—None.
Contractor—Geo. Wagner, Inc. 181 St.
Park, S. F.
\$19,000

STORE

(3644) E MISSION 200 N 17th, 2-story
brick furniture store.
Owner—G. Liehman, 16th and Mission
Sts., San Francisco.
Architect—S. Heiman, 57 Post St., San
Francisco.
\$20,000

DWELLING

(3645) W RINGOLD 221 N 24th, 1-sto.
and basement frame dwelling.
Owner—Hannah Gordon, 26 Sheridan
St., San Francisco.
Architect—None.
Contractor—Wm. H. Green, 2965 Mis-
sion St., S. F.
\$4000

DWELLING

(3646) E TWENTY-THIRD AVE. 100
S Taraval, 1-story and basement
frame dwelling.
Owner—George O. Benden, 1422 21st
Ave., San Francisco.
Plans by owner.
\$3000

DWELLING

(3643) W THIRTY-EIGHTH AVE.
167-2 S Anza, 1-story and basement
frame dwelling.
Owner—Harber W. Finck, 212 12th
Ave., San Francisco.
Architect—None.
\$3500

FLATS

(3644) S E PRADUE 365 S W Coso,
2-story and basement frame (2)
flats.
Owner—G. S. Dean, 33 Prospect Ave.,
San Francisco.
Architectural Designer—J. M. Cohen,
33 Prospect Ave., S. F.
\$4800

DWELLING

(3635) W KANSAS 50 S 20th, 1-story
and basement frame dwelling.
Owner—Francisco Leiber, 583 Potrero
Ave., San Francisco.
Architect—T. A. Sourich, 625 Market St.
San Francisco.
Contractor—Co-Operative Builders, 625
Market St., S. F.
\$2900

REMODEL

(3638) 601-611 ELLIS STREET. Re-
model 4 story fronts.
Owner—Geo. E. and Nettie Whitaker,
6-611 Ellis St., S. F.
Architect—None.
Contractor—Muller and Petersen, 213
7th St., S. F.
\$1800

FLATS

(3637) S VIRGINIA 100 W Coleridge,
2-story and basement frame (2)
flats.
Owner—Nels Johnson, 49 Godeus St.,
San Francisco.
Plans by owner.
\$3500

FLATS

(3632) W RICHMOND 50 N Chestnut,
2-story and basement frame (2)
flats.
Owner—Dr. F. A. Gawthorne, 5331
Geary St., San Francisco.
\$6000

FLATS

(3640) N TACOMA 20 N of north ter-
mination of Tacoma St. 2-story and
basement frame (2) flats.
Owner—J. H. McKay, 465 11th Ave.,
San Francisco.
Architect—None.
\$1200

ALTERATIONS

(3640) 27 LICK PLACE, cut archway
for stores; install boxes for res-
taurant.
Owner—Lick Grill.
Architect—None.
Contractor—Sass & Son, 131 St. Ann,
San Francisco.
\$1800

DWELLING

(3641) W VIENNA 25 S France, 1-
story and basement frame dwelling
Owner—Salvatore Silvestri, 705 Na-
ples St., San Francisco.
Architect—Williams and Branchoud,
12 California St., S. F.
Contractor—Carlo Bellanca, Italian-
Amer. Bank Bldg., S. F.
\$4150

DWELLING

(3642) W WEBSTER 24 N Pixley Ave.
1-story and basement frame dwlg.
Owner—L. R. Asbury, 1514 Irving St.,
San Francisco.
Architect—None.
\$4000

FLATS

(3643) W TWENTY-FIRST AVE. 175
S Geary, 2-story and basement
frame (2) flats.
Owner—Otto J. and Carrie Schultz, 1
Montgomery St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F.
\$7000

TRACK

(3644) COM. AT OWNERS PROP-
erty NE Harrison & 12th th 125, th
across Harrison th S 70 ft. for rail-
road standard gauge girder track.
Owner—J. Lerer, 1502 Harrison St.,
San Francisco.
Architect—None.
Contractor—L. E. Burr, 549 Market St.,
San Francisco.
Filed Aug. 25, 1924. Dated Aug. 21, 1924
Weekly 75¢
Usual 35 days 25¢
TOTAL COST \$4475
Bond, Forfeit, none; Limit, 30 days;
Plans and specifications, none.

ALTERATIONS

(3645) NW SANSOME & GOLD N 60
x W 80 All work except elevator
repairs, plumbing, wiring, painting
and lighting fixtures for altera-
tions to class C bldg. (store).
Owner—Harriette De Witt Kittle, Ne-
vada Bank Bldg., S. F.
Architect—Nathaniel Blaisdel, 255
California St., San Francisco.
Contractor—Alfred H. Vogt, 185 Ste-
venson St., San Francisco.
Filed Aug. 25, 1924. Dated Aug. 11, 1924
Roofed, stairs build and new mill
work in 4203
Floored and sheet metal work
completed 4203
Completed and accepted 4204
Usual 35 days 4204
TOTAL COST \$16,813
Bond, \$3407; Sureties, Emil Hogberg &
C. S. Hoffman; Forfeit, \$10; Limit, 60
days; Plans and specifications filed.

SPRINKLER

(3646) 140 NEW MONTGOMERY ST
Wet pipe sprinklers in basement
and sub basement of bldg.
Owner—The Pacific Telephone & Tele-
graph Co., 333 Grant Ave., S. F.
Architect—J. B. Miller, T. L. Finiger
and A. A. Cantin, Lick Bldg., S. F.
Contractor—The Turner Co., 272 Na-
toma St., San Francisco.
Filed Aug. 25, 1924. Dated Aug. 18, 1924
1st each month 75¢
36 days after 25¢
TOTAL COST \$4400

Bond, \$2200; Sureties, Hartford Accident
& Indemnity Co.; Forfeit, Limit,
none; Plans and specifications filed.

RESIDENCE

(3647) SW 30TH AVE AND SEA
View Terrace. Two-story and
basement frame residence.
Owner—Harry B. Allen, Inc., 168 Sut-
ter St., S. F.
Architect—Earle B. Bertz, 168 Sutter
St., S. F.
\$10,000

THEATRE

(3648) N JACKSON 107-77 W KEAR-
ny, Class A theatre.
Owner—Ying Wo Lun Lion Theatrical
Co., 301 Grant Ave., S. F.
Architect—N. W. Mohr, 320 California
St., S. F.
Contractor—J. A. Hill, 6530 Tremont
St., Oakland, Cal.
\$50,000

APARTMENTS (12)

(3649) N WASHINGTON 137-6 W
Franklin. Three-story and base-
ment frame (12) apartments.
Owner—S. Stern.
Architect—None.
\$20,000

APARTMENTS (4)

(3650) S ST. 87-6 S SUTTER.
Two-story and basement frame
(4) apartments.
Owner—Chas. J. U. Koenig, 520 Church
St., S. F.
Architect—None.
\$10,000

ADDITION

(3651) N O'FARRELL BET. SCOTT &
Divisadero Sts. Brick addition for
private garage.
Owner—Riverdale Creamery, 1410 Div-
isadero St., S. F.
Architect—None.
Contractor—H. P. Hoyt, Monadnock
Bldg., S. F.
\$13,000

(3652) SE O'FARRELL AND POLK
Sts. 1-story concrete auto sup-
ply house.
Owner—Monson Bros., S. F.
Architect—Chester H. Jensen, S. F.
Contractor—Monson Bros., 251 Kearny
St., S. F.
\$15,000

FLATS (4)

(3653) E SCOTT 50-904 75-904 100-
904 125-904 S Alambra. Four
2-story and basement frame flats
(2 flats in each building).
Owner—J. V. Campbell & J. M. Hooper,
1040 Bryant St., S. F.
Architect—None.
\$7,000 each

FLATS (2)

(3654) N FRANCISCO 162-6 & 187-6
W SCOTT. Two 2-story and base-
ment frame flats (a flats in each
building).
Owner—Wm. L. Penziner, 750 Taylor
St., S. F.
Architect—None.
\$7000 ea.

REMODEL GARAGE

(3655) 1864 O'FARRELL ST. Raise
and remodel for private garage
quarters; concrete work, etc.
Owner—Margaret Dean, 1864 O'Far-
rell St., S. F.
Architect—None.
\$1400

SHOP

(3656) SW BRADY & COLTON STS.
1-story and mezzanine floor rein-
forced shop.
Owner—W. M. Meyers, 572 Grove St.,
S. F.
Architect & Designer—H. W. Bott, 401
Church St., S. F.
Contractor—L. Vannucci Brothers, 401
Church St., S. F.
\$3500

RESIDENCE

(3657) S SEA VIEW TERRACE 80
W 30th Ave. 2-story and base-
ment frame residence.
Owner—Harry B. Allen, Inc., 168 Sut-
ter St., S. F.
Architect—Earle B. Bertz, 168 Sutter
St., S. F.
\$8000

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tions" for Quantity Surveyors and Contractors.
Loose Leaves in Foolscap Covers \$3.50 Net, Postpaid. Same in
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Mail Personal Check to ARTHUR PRIDDEY, Publisher, 693 Mission
St., San Francisco, Calif., U. S. A.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Aug. 21, 1924—NW 108TH & PILGRIM
W 37-6 N 87-6 W 50 N 25 E 87-6 S
112-6. E Singer to Meyer Bros.....Aug. 21, 1924—S GREEN 80 W
Steiner W 30xS 55. I C Roman and
Emily C Thomas to C Olson.....Aug. 21, 1924—E NINTH AVE 275 N
Geary. The Roman Catholic Arch-
bishop of S. F. to Andrew Lynch.....Aug. 21, 1924—N PACIFIC 110 E Cough-
E 55xN 120. Claus Alpers and
Henry T Grieb to Fred Moller and
R Deluca.....Aug. 21, 1924—N HAIGHT bet. Clay-
ton and GE 10. 1660 Haight St.
Fairmount Theatre Co to H Steiger
.....Aug. 21, 1924—S MONTEPEL BLVD
being Lot 16 and Ptn Lots 17, 18
and 19 Blk 3108, Westwood Park.
Hues and Esther E Nelson to
whom it may concern.....Aug. 21, 1924—SW CORDOVA 225 SE
Winding Way SE 25xNW 100 Ptn
Lots 12 and 13 Blk 6451, Haight St.
Amazon Tract Sub. 2. Crocker
Estate Co to whom it may concern
.....Aug. 21, 1924—N BROADWAY AVE
E Kearny W 77-6xN 56 S Artillo Del
Canto to Del Paverio.....Aug. 21, 1924—NE MISSION AND
Nineteenth No. 2424 Mission. Klop-
stock Bros to John Sparke.....Aug. 21, 1924—S GROVE 106 W Ash-
bury. Charles A Parmelee to
Thomas McCormick.....Aug. 21, 1924—S FILBERT 55-118
W Genoa Place W 21-6xS 55. C
to G Bagani.....Aug. 21, 1924—W CORDOVA 130 S
Munich S 34 W 92-45 N 140° 27' 36"
W 34-14 N 71° 11' E 84-86 Ptn Lots
16 and 17 Blk 6449, Crocker
Amazon Tract Sub. 2. Crocker
Estate Co to whom it may concern
.....Aug. 20, 1924—NW ADA COURT &
O'Farrell N 137-8 W 50 E 47-6 W
10 to 12 N O'Farrell E 60. Mary
K Ladd to whom it may concern
.....Aug. 20, 1924—N CRESCENT AVE
46-8 I. Moultrie E 23-4 N 74-34
mor 1 W 23-34 m or 1 S 74-34 Ptn
Lots 217, 219, 221 Gift Map No. 2.
Wilfred Dunn to whom it may concern
.....Aug. 20, 1924—N CLINTON PARK
W 60 E 120 N 25xN 70. J. W. and
Valentine Krysiak to Emil Stroth,
W Matnich, D Campbell and H W
Jensen.....Aug. 20, 1924—SW ELEVENTH AVE
and California 50x82-6. Karl H
Holmgren to whom it may concern
.....Aug. 20, 1924—N FILBERT 137-6 E
Powell E 137-6xN 160. The Roman
Catholic Archbishop to C. D. and
Electric Time Co and D N E
Walter & Co.....Aug. 20, 1924—E TWENTY-SEVENTH
AVE 150 and 175 N Taraval N 25x
120 each. Parkside Realty Co of
S. F. to whom it may concern.....Aug. 20, 1924—S TARAVAL 57-6 E
32nd Ave E 25x100. Parkside
Realty Co of S. F. to whom it may
concern.....Aug. 20, 1924—W THIRTY-FOURTH AVE
100 S Taraval S 25x120. Parkside
Realty Co of S. F. to whom it may
concern.....Aug. 20, 1924—W TEXAS 300 S 20th
S 25x100. Amerigo and Genette
Pacelli to Louis Trebino.....Aug. 20, 1924—N TWENTY-THIRD
25 W Alabama 24-10x75. John
Michael Christian Bommer to
whom it may concern.....Aug. 20, 1924—S GENEVA AVE 75 E
Madrid E 25xS 100. Ben Heglin to
whom it may concern.....Aug. 20, 1924—W THIRTY-EIGHTH
AVE 228-9 and 203 N Cabrillo N 25-3
xW 120 each. F Arthur Gaw-
thorne to whom it may concern.....Aug. 20, 1924—W NINETEENTH AVE
150 N Taraval N 50xW 100. E 19th
Ave 25 S Taraval S 50xN 100. W

F Altvater to Meyer Bros.....

Aug. 22, 1924—W TWENTY-SECOND
AVE 275 S Taraval S 25xW 120
Laura J Yore to Meyer Bros.....Aug. 22, 1924—SW SEVENTH 150
SE Howard SE 75xSW 165. Henry
E Holmes to whom it may concern
.....Aug. 22, 1924—LOTS 17 AND 18 BLK
C Mission Terrace. Walter E Han-
sen to whom it may concern.....Aug. 22, 1924—E NINETEENTH AVE
300 N Fulton, N 25xN 120. William
S W Warrick to O C Holt.....Aug. 22, 1924—N GREEN 200 W
Steiner N 137-6 x W 32. The Roman
Catholic Archbishop of S. F. to T
L Goodwin.....Aug. 22, 1924—COM. 100 N W TIF-
fany Ave & 457 N E 29th NE 25
N W 110-47 S E 25-55 m or 1
Frederico & Clorinda Venturi to
L H Stevenson.....Aug. 22, 1924—N CLINTON PARK
Cross No. 21 Allison St. L E So.
Relie to whom it may concern.....Aug. 21, 1924—LOT 4 BLK Lak-
view. Harry Ulich to Ulich &
Dan E Ulich.....Aug. 23, 1924—E EDGAR PLACE 150
S Bruce Ave S 25x122-84. Otto T
Svenson to whom it may concern
.....Aug. 23, 1924—W NINETEENTH AVE
125 N Quintana N 25xW 120. Robt
P and Mary A Starkey to Meyer
Bros.....Aug. 23, 1924—NO. 867 MARKET
in Lincoln. J. J. Gledhill to Gate
House Suit House to whom it
may concern.....Aug. 23, 1924—NE FULTON AND
Twenty-fifth Ave — 82-6xN 25.
Bryan Ferriek to whom it may
concern.....Aug. 23, 1924—N AMAZON AND
Lisbon. Alfonso and Colombina
Pieri to H A and H Hemmen.....Aug. 23, 1924—N HOWARD 94 W
Mary 28-6x160. Geo J Zelt to J H
Hjul.....Aug. 23, 1924—S CLINTON PARK 85
W Guerrero W 55 S 105 E 50 N 50
N 55 E 5 N 50. Joseph and Louise
Piasecki to Joseph Piasecki.....Aug. 22, 1924—E TWENTY-SEVENTH AVE
100 N Taraval N 50 E 100. W F
Altvater to Meyer Bros.....Aug. 25, 1924—SE CALIFORNIA &
Fillmore S 87-6 E 54. E. & D. A.
Alvarez, 1924—S E 54. E. & D. A.
McKeon, Decker, Decker, Con-
struction Co.....Aug. 25, 1924—NW GREENWICH &
Polk W 32-185 m or 1 N 95 m or 1
E 50 S 80. W F. Elasse to whom
it may concern.....Aug. 25, 1924—E NINETEENTH AVE
125 N Taraval N 25 x E 120. N. F.
Altvater to Meyer Bros.....Aug. 25, 1924—SE GAFFIN AND
Brighton Ave S 25 x E 75 Ptn.
Lots 26 27 & 28 Blk 1 Lakeview.
The McCarthy Co. to James McCarthy
& Son.....Aug. 25, 1924—W THIRTY-EIGHTH
AVE 100 S Cabrillo S 25 x W 120
W 38th Ave. 125 S Cabrillo S 25
x W 120. S. E. Weinberg to
Wallen.....Aug. 25, 1924—N McLEA COURT &
9th N W 75 x N E 85. Laurence A.
Myers to O W Brett.....Aug. 25, 1924—W CUYLER 100 S Bod-
worth 66 Cuyler, Leig & May Hol-
lett to Johnson & Erlendson.....Aug. 25, 1924—LOTS 15 & 16 BLK 10
St. Francis Wood Extn 2. Westgate
Park Co. to Wilson & Bengtson.....Aug. 25, 1924—S MADRID & BRAZIL
AVE 37 W 25 x S E 100 Ptn Lot 1
Blk 37 Excl. Hd. Assn. Thomas J. &
Bertha A. Rowland to whom it may
concern.....Aug. 25, 1924—1143 MARKET known
as Triangle Market. Nathan L. Les-
ter to J. S. Malloch.....Aug. 25, 1924—W VALENTINE 100 S N
26th 60 x 90. Jos. Knight to whom
it may concern.....Aug. 25, 1924—W NINETEENTH AVE
126 S Judah No. 1423 & 1425 19th
Ave. J. Randall to J. A. Feiler.....

RESIDENCE
(3558) S SANTA MONICA AVE 185 E
Santa Clara Ave. Two-story
and basement frame residence.
Owner—M. & Mrs. G. R. Williams, 117
4th Ave. S. F.
Architect—Mason and Hurd, 4792 Mis-
sion St. S. F. \$7000

APARTMENTS
(3555) SW CLAY AND BAKER, S
27-84 x W 102-6. All work for 3-
story frame bldg., apartments.
Owner—Olga D. Laib, 700 Broderick
St. S. F.
Architect—None.
Contractor—Emil Nelson, 55 Allison
St. S. F.

Filed Aug. 27, 1924. Dated Aug. 19, 1924
Frame up \$12,750
Brown coated 12,750
Completed and accepted 12,750
Usual 35 days 12,750
TOTAL COST, \$12,750
Bond, \$25,500. Sureties, C. Wengard
and Chas. Monson. Forfeit, limit, none.
Plans and specifications filed.

STORE, APTS.
(3560) SW TWENTY-SIXTH AVE. and
Irving. All work for 2-story frame
building, store and apts.
Owner—M. Francesconi, 2599 Irving
St. S. F.
Architect—None.
Contractor—Cox Bros, 1309 9th Ave.,
San Francisco.

Filed Aug. 27, 1924. Dated \$14,225
Brown coated 14,225
Completed 14,225
Usual 35 days 14,225
TOTAL COST, \$17,709
Bond, sureties, forfeit, none. Limit,
120 days. Plans and specifications filed

ALTERATIONS
(3551) W GUERRERO 27 N 18TH, N
25 x W 80. All work except ter-
razzo steps and exterior plastering
for alterations to 3-story flat bldg.
Owner—D. Franzola.
Architect—None.
Contractor—Jas. F. McCarthy, 436 Eu-
reka St. S. F.
Filed Aug. 27, 1924. Dated Aug. 25, 1924
White coated \$842.50
Completed 421.25
Usual 35 days 421.25
TOTAL COST, \$1685
Bond, sureties, forfeit, none. Limit, 35
days. Plans and specifications not
filed.

FRAME BLDG.
(3562) LOT 28, BLK 22, St. Francis
Wood Extension No. 2. All work
for 2-story and basement frame
bldg. and garage.
Owner—Griffith R. and Ruth A. Will-
iams, 127 15th Ave. S. F.
Architect—Mason & Hurd, 278 Post St.
San Francisco.
Contractor—Mangels Bros., 4792 Mis-
sion St. S. F.
Filed Aug. 27, 1924. Dated Aug. 21, 1924
Frame up \$2535
Brown coated 2535
Completed and accepted 2535
Usual 35 days 2535
TOTAL COST, \$10,140
Bond, \$5070. Sureties, Theresa Gamma
and John A. F. Steimke. Forfeit, \$5,00.
Limit, 100 days. Plans and specifica-
tions filed.

FRAME BLDG.
(3563) E TAYLOR 75 S UNION S 25
x E 55. All work for 2-story and
basement frame bldg.
Owner—Verginio and Verginia Tra-
verso.
Architect—L. Traverso, 845 Union St.,
San Francisco.
Contractor—G. Ghezzi.
Filed Aug. 27, 1924. Dated Aug. 19, 1924
Enclosed and roof on \$2375
Brown coated 2375
Completed and accepted 2375
Usual 35 days 2375
TOTAL COST, \$9500
Bond, \$4750. Sureties, Jos. Cottina and
G. Talieri. Forfeit, none. Limit, 90 days
Plans and specifications filed.

NOTICE OF NON-LIABILITY

SAN FRANCISCO COUNTY

Aug. 20, 1924—NO. 2458 & 2460 MIS-
sion. Marion F Young et al as to
improvements on property.....

Aug. 27, 1924—THIRTEEN & TOWNSEND
Southern Pacific Co. to whom it may concern. Aug. 19, 1924

Aug. 26, 1924—W FIFTEENTH & AVE
61 N. FAY STREET AVE. N. 25XW 100
Ptn Blk 12, Crocker Amazon Tract
to whom it may concern. Aug. 19, 1924

Aug. 27, 1924—W CORONA 499 S
Winding Way S 25XW 100 Ptn Lot
18 Blk 6451, Crocker Amazon Tract
to whom it may concern. Aug. 19, 1924

Aug. 27, 1924—W CORDOVA 375 S
Winding Way S 25XW 100 Ptn Lot
17 Blk 6451, Crocker Amazon Tract
to whom it may concern. Aug. 19, 1924

Aug. 27, 1924—W CORONA 275 S
Winding Way S 25XW 100 Ptn Lot
16 Blk 6451, Crocker Amazon Tract
to whom it may concern. Aug. 19, 1924

Aug. 27, 1924—W CORONA 250 S
Winding Way S 25XW 100 Ptn Lot
15 Blk 6451, Crocker Amazon Tract
to whom it may concern. Aug. 19, 1924

Aug. 27, 1924—SOUTHERN PACIFIC
Co's Terminal Warehouse, Southern
Pacific Co. to Kerner Incinerator
Co. to whom it may concern. Aug. 19, 1924

Aug. 27, 1924—SW LOWELL 133 NW
Brunswick 30X100. S. E. Lutz to
whom it may concern. Aug. 26, 1924

Aug. 27, 1924—E SEVENTH 150 S
Howard 25X80. Arthur G. Hoelscher
to Buschke & Brown. Aug. 26, 1924

Aug. 27, 1924—S HAYES 106-2 W
Aubrey W. 41-111-133 137-6. W. S.
King to whom it may concern. Aug. 27, 1924

Aug. 27, 1924—W THIRTY-FIRST
Ave 179-7 S. California 27-3X120.
Elsie C. Smith to C. T. McGill. Aug. 27, 1924

Aug. 27, 1924—NE O'FARRELL AND
Hyde N 90XE 65. Adolph Stock and
Edw Jose to whom it may concern. Aug. 27, 1924

Aug. 27, 1924—E ALLISON 100 and
125 N from N Cross No. 31 and 39
Allison. Arthur L. Campbell to
whom it may concern. Aug. 27, 1924

Aug. 27, 1924—W HARRISON 220 S
Twentieth S 75XW 245. Kernan
Robison to J. S. Malloch. Aug. 18, 1924

Aug. 27, 1924—E WEBSTER 60
Greenwich S 32XE 75-6. E. Webster
92 S Greenwich S 28XE 75-6. Alfred
E Hind to whom it may concern. Aug. 27, 1924

Aug. 27, 1924—W PINE AND LIND
Guna. Chas A Johnson to whom it
may concern. Aug. 26, 1924

Aug. 27, 1924—NO. 8 PRESIDIO
Terrace, Presidio Golf Club to D.
E. Tequhar. Aug. 27, 1924

Aug. 27, 1924—W SEVENTH AVE
73-6 N Fulton N 24-6XW 100.
Joseph C Kirby to whom it may
concern. Aug. 27, 1924

Aug. 27, 1924—LOT 21 BLK 21
Amended Map Ingleside Terraces.
Northern Supply Co to W D Hen-
derson. Aug. 26, 1924

Aug. 27, 1924—W THIRTY-NINTH
Ave 425 S Geary S 25XW 120 No.
555 39th Ave. W G Barlow to
whom it may concern. Aug. 1, 1924

Aug. 27, 1924—NE SAN BRUNO AVE
and Bacon. E. L. Bogart and A.
Massimio to Buschke & Brown. Aug. 27, 1924

Aug. 27, 1924—W THIRTY-FOURTH
Ave 200 and 225 N Geary. Louis
Fontanella to whom it may con-
cern. Aug. 26, 1924

Aug. 27, 1924—W FORTY-THIRD AV
247-6 S Cabrillo S 27-6XW 120. F.
G and Lizzie Kronnack to Kronnack
bro. Aug. 27, 1924

Aug. 27, 1924—W FLORENTINE 75 N
Morse 25X100. Victor Holmgren
to whom it may concern. Aug. 27, 1924

Aug. 27, 1924—LOT 16 and Ptn Lot
15 Blk 12, Amended Map Ingleside
Terraces. S Larsen to whom it
may concern. Aug. 27, 1924

Aug. 27, 1924—W FORTY-EIGHTH
Ave 150 S Cabrillo S 50XW 120. Wm
E Akard to whom it may concern. Aug. 27, 1924

Aug. 27, 1924—W FORTY-EIGHTH
Ave 100 S Cabrillo S 50XW 120.
Niels Schultz to whom it may con-
cern. Aug. 27, 1924

Aug. 27, 1924—N JACKSON 275 W
Siebert W 50XN 127-8. D. L. Lark
Ghirardelli to Moore & Madison. Aug. 27, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Aug. 21, 1924—LOTS 10, 13 AND 14 Blk 32, Sunnyside Addn. A. L. Stockton Lumber Co vs Robert Neil. \$1,348.20	1460
Aug. 21, 1924—N SUTTER 16-10 N Hyde W 36-8XN 137-6. John Eshia vs Luis Blum. \$3,802.60	1461
Aug. 27, 1924—W VICTORIA 300 S Randolph W 100XS 50. A L Stock- ton Lumber Co vs May Murray. \$95	1462
Aug. 25, 1924—S GREEN 80 W Stock- ton 57-6 x S 70-11 1/2 613 & 615 Green St. Incandescent Supply Co vs Mrs. A. Alseandro. \$489.30	1463
Aug. 25, 1924—E FRANKLIN 25th Ave. 150 S Taraval S 5v x E 120. P. J. Rudenko vs McCauley & Weber, G. W. Rawles. \$368	1464
Aug. 25, 24—E HOWARD 12 S 25th E 115. E. Fraumel and Dan E Ulrich, Patrick McVeigh. \$458.70	1465
Aug. 25, 1924—E STEINER 62-5 S Filbert S 25 x E 62-5. Reinhart Lumber & Planing Mill Co. vs Henry S. & Elizabeth Nitere, W. E. Schultz. \$750	1466

Notice of Non-Responsibility

SAN FRANCISCO COUNTY
Aug. 22, 1924—N MARKET No. 994.
Marx Bros. Chain Co. Inc. as to
improvements on property.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4390	Stone	Owner	12000
4391	Encinal	Hally	3250
4392	Stone	Owner	2450
4393	Laughlin	Owner	2500
4394	Marquis	Owner	3000
4395	Weymouth	Weymouth	3750
4396	Parmenter	California	8500
4397	Koehler	Designers	3500
4398	Blasingame	Owner	9500
4399	Healy	Sommarstrom	10000
4400	Dagers	Owner	3150
4401	Graham	Graham	3100
4402	Langeberg	Hodgins	3500
4403	Close	Rogers	2700
4404	Parenisia	Rogers	1800
4405	Johanson	Owner	8150
4406	Wolf	Owner	2150
4407	Morris	Owner	7000
4408	Johanson	Owner	3150
4409	Stryhle	Anderson	4000
4410	Cherrell	Fairfax	3000
4411	Blodgett	Owner	2100
4412	Parent	Holm	5845
4413	Pallen	Owner	4800
4414	Nation	Owner	3000
4415	Sperry	Cedeborg	1657
4416	Dag	Ingram	2500
4417	Davidson	Smith	1200
4418	Josephine	Brase	5000
4419	Dinesen	Owner	4450
4420	Taylor	Owner	2700
4421	Buzzell	Owner	2100
4422	Beatty	Owner	2000
4423	Houcke	Frazier	4000
4424	McCord	Owner	6400
4425	La Voie	Owner	3500
4426	Coppee	Owner	5000
4427	Hamilton	Elrod	....
4428	Illinois	Devert	1413
4429	Galloway	Sorenson	21000
4430	Perry	Engler	1500
4431	Coward	Owner	5000
4432	Irwin	Rogers	5000
4433	Alameda	Owner	12000
4434	Del Rey	Mason	25000
4435	Builders	Owner	12000
4436	Falkingham	Roth	5000
4437	Huntley	Owner	1900
4438	Glasgow	Owner	2500
4439	Paraffine	Beckworth	11755
4440	Blain	Owner	8000
4441	Moe	Owner	5000
4442	Stenbro	Owner	3500
4443	Bentell	Texdahl	8000
4444	Baker	Parker	3150
4445	Myers	Owner	4500
4446	Shalen	Owner	5000
4447	Francis	Owner	5000
4448	Miller	Miller	3000

4449	Davis	Owner	4350
4450	Shinnoff	Collins	8000
4451	Oliveria	Habon	3250
4452	Grant	Mogk	2000
4453	Alameda	Vogt	23000
4454	Boadie	Peters	5700
4455	Fraser	Durigh	4000
4456	Linton	Casper	4000
4457	Leonard	Borden	6000
4458	Gott	Owner	2000
4459	Sharp	Kochdorfer	4900
4460	Kapler	Pedersen	3500
4461	Gayman	Potter	6000
4462	Magnus	Dolan	6500
4463	Hodes	Owner	5475
4464	Wentworth	Owner	5500
4465	Schroeder	Owner	6000
4466	Ralston	Ralston	3250
4467	Wisser	Smith	4000
4468	Berkeley	Owner	4000
4469	DuRo	de Normandie	1000
4470	Roth	Owner	1000
4471	Berkeley	Greig	5000
4472	Manauha	Owner	3200
4473	McCurdy	King	1000
4474	Coleman	Owner	5500
4475	Leekins	Taylor	3250
4476	Neher	Western	15000
4478	Nittler	Nittler	4000
4479	Simons	Pfrang	5800
4480	Hurr	Owner	4000
4481	Brown	Bixler	9386
4482	Hamill	Owner	6000
4483	Vardeman	Vardeman	5000
4484	Anderson	Owner	4000
4485	Fennell	Owner	3250

DWELLINGS
(4390) NO. 51, 55, 59 BAY FARM RD.,
Alameda. Three one-story 5-room
dwellings.
Owner—E. B. & A. L. Stone, Bay Farm
Island, Alameda. \$4000 each
Architect—None.

DWELLING
(4391) CENTRAL AVE AND BAY ST.,
Alameda. One-story 5-room dwlg.
Owner—Encinal Investment Co., 2315
Santa Clara Ave., Alameda.
Architect—None.
Contractor—Frank W. Hally, 2315
Santa Clara Ave., Alameda. \$3250

DWELLING
(4392) NO. 303 BEACH ROAD, Ala-
ameda. One-story 4-room dwelling.
Owner—E. B. & A. L. Stone, Bay Farm
Island, Alameda. \$2450
Architect—None.

DWELLINGS
(4393) NO. 626-628 SANTA CLARA
Ave., Alameda. One-story 3-room
dwelling.
Owner—Roth, Laughlin, 626 Santa
Clara Ave., Alameda. \$2500 each
Architect—None.

DWELLING
(4394) 1333 CALIFORNIA ST., Berke-
ley, Dwelling.
Owner—P. E. Marquis, 2045 Shattuck
Berkeley.
Architect—None. \$3000

DWELLING
(4395) 1813 SHORT ST., Berkeley.
Dwelling.
Owner—P. E. Weymouth, 5171 Grove St
Oakland.
Designer—E. A. Weymouth, 5527 Mc-
Millan Ave., Oakland.
Contractor—E. A. Weymouth, 5527 Mc-
Millan Ave., Oakland. \$3750

DWELLING
(4396) 2357 WOOLSEY ST., Berkeley.
Dwelling.
Owner—C. Parmenter, 2355 Woolsey,
Berkeley.
Designer—Calif. Builders, 1636 Frank-
lin St., Oakland.
Contractor—California Builders, 1636
Franklin St., Oakland. \$8500

DWELLING
(4397) 889 PERALTA, Berkeley, Dwlg
Owner—John Koehler, 230 College Ave
Berkeley.
Architect—E. Teichera, 1516 Grant St.,
Berkeley.
Contractor—Designers & Builders Inc.,
1911 Shattuck Ave., Berkeley. \$3500

RESIDENCE
(4398) 1503 FRANCISCO ST., Berke-
ley. Apt. residence.
Owner—G. E. Blasingame, 1529 Fran-
cisco St., Berkeley.
Designer—C. E. Boomhower 1529 Fran-
cisco St., Berkeley. \$9500

STORES
(4399) E FRANKLIN ST. 50 N 8th St., Oakland, 1-story brick stores.
Owner—Healey Bros. Co., 406 11th St., Oakland.
Architect—None.
Contractor—M. F. Sommerstrom, 733 E-17th St., Oakland. \$10,000

DWELLING
(4400) W SIXTY-FOURTH AVE. 185 N Hayes St., Oakland, 1-story 5-room dwelling and garage.
Owner—C. A. Rogers, 240 Wayne Ave., Oakland.
Architect—None. \$3875

DWELLING
(4401) E ONE HUNDREDTH AVE 50 N Longfellow St., Oakland, 1-story 5-room dwelling and garage.
Owner—Isabel G. Graham, 1601 High St., Oakland.
Architect—None.
Contractor—C. H. Graham, 1601 High St., Oakland. \$3100

DWELLING
(4402) E ADELL COURT 200 S Hopkins St., Oakland, 1-story 5-room dwelling.
Owner—A. Langeberg, Fruitvale Ave., Oakland.
Architect—None.
Contractor—R. L. Hodgins, 841 Santa Fe Ave., Berkeley. \$3500

DWELLING
(4403) 1660 EIGHTIETH AVE., Oakland, 1-story 4-room dwelling.
Owner—L. E. Close, 1636 80th Avenue, Oakland.
Architect—None.
Contractor—C. A. Rogers, 240 Wayne Ave., Oakland. \$2700

ALTERATIONS
(4404) SW COR. E FIFTEENTH ST. and 19th Ave., Oakland. Alterations and 1-story garage.
Owner—M. J. Parenisia, 2009 E-14th St., Oakland.
Architect—None.
Contractor—Chas. Rogers, 2101 64th Ave., Oakland. \$1800

DWELLING
(4405) 5312 NORMANDIE AVENUE, Oakland, 1-story 5-room dwelling and garage.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. \$3150

DWELLING
(4406) E SEVENTY-EIGHTH AVE. 180 S Hillside St., Oakland, 1-story 4-room dwelling and garage.
Owner—Wm. Wolfe, 128 13th Street, Oakland.
Architect—None. \$2150

DWELLINGS
(4407) E THIRTY-EIGHTH AVE 30 83 90 123 S Redding St., Oakland, 2 1-story 4-room dwellings and garages, and 2 1-story 3-room dwigs and garages.
Owner—S. Morris & Son, 4162 Quigley St., Oakland.
Architect—None. 2 at \$1900 each 2 at \$1600 each

DWELLING
(4408) 3080 BIRDSALL AVE, Oakland, 1-story 5-room dwelling and garage.
Owner—K. A. Johanson 2429 13th Ave., Oakland.
Architect—None. \$3150

DWELLING
(4409) N VIRGINIA AVE. 237 E Beverly, Oakland, 1-story 5-room dwlg
Owner—Frank Struble, 686 17th St., Oakland.
Architect—None.
Contractor—N. E. Anderson, 2030 Roosevelt Ave., Richmond. \$4000

DWELLING
(4410) 2215 NINETIETH AVE., Oakland, 1-story 5-room dwelling.
Owner—M. Cherell, 2215 90th Avenue, Oakland.
Architect—None.
Contractor—Fairfax Realty Co., 7927 E-14th St., Oakland. \$3000

DWELLING
(4411) E EIGHTY-EIGHTH AVE. 105 W D St., Oakland, 1-story 4-room dwelling and garage.

Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. \$2100

DWELLING
(4412) 2241 BLAKE, Berkeley, Dwlg.
Owner—George A. Parent, 2241 Blake St., Berkeley.
Architect—None.
Contractor—John Holm, 2815 9th St., Berkeley. \$5845

DWELLING
(4413) 1004 THE ALAMEDA, Berkeley, Dwelling.
Owner—A. H. Hallen, 686 61st Street, Oakland.
Architect—None. \$4800

DWELLING
(4414) 1409 OXFORD, Berkeley, Dwlg.
Owner—R. A. Nation, 1411 Oxford, Berkeley.
Architect—None. \$3000

DWELLING
(4415) 1440 1450 HAWTHORNE TERRACE, Berkeley, Dwelling.
Owner—J. C. Sperry, 2425 Hearst, Berkeley.
Architect—Henry Guttererson 526 Powell St., San Francisco.
Contractor—A. Cedarborg, 1455 Excelsior Ave., Oakland. \$68,107

DWELLING
(4416) 1309 SANTA FE, Berkeley, Dwelling.
Owner—M. E. Day, 2261 Grove St., Berkeley.
Architect—Fred Ingram, 1956 University Ave., Berkeley.
Contractor—Fred Ingram, 1956 University Ave., Berkeley. \$2500

ALTERATIONS ETC
(4417) 2446 DWIGHT WAY, Berkeley. Alterations and additions.
Owner—N. Davidson, 2519 College Ave., Berkeley.
Architect—None.
Contractor—Harry C. Smith 2011 Francisco, \$1200

DWELLING & STORE
(4418) SW CORNER LAGUNA AVE. & Montana St., Oakland, 1-story 6-room dwelling and store.
Owner—Wm. & J. Josephine, 3201 13th Ave., Oakland.
Architect—None.
Contractor—Dave Brase, 3201 13th Ave., Oakland. \$5000

DWELLING
(4419) NW COR. LINCOLN AND Damuth St., Oakland, 1-story 7-rm dwelling and garage.
Owner—P. Dinesen, 4533 Thompson St., Oakland.
Architect—None. \$4450

DWELLING
(4420) E MAPLE AVE. 70 N Delaware St., Oakland, 1-story 3-room dwelling and garage.

Owner—F. S. Taylor, Box 97 Fruitvale Oakland.
Architect—None. \$2700

DWELLING
(4421) E SEVENTY-SECOND AVE. 133 N Hamilton St., Oakland, 1-sto. 4-room dwelling and garage.
Owner—Fred Buzzell, 8240 East 14th St., Oakland.
Architect—None. \$2100

DWELLING
(4422) W PARKER AVE. 310 N Garfield Ave., Oakland, 1-story 4-room dwelling.
Owner—G. H. Beatty, 2643 Parker Ave., Oakland.
Architect—None. 2000

DWELLING
(4423) W MANILA AVE. 189 N Taft Ave., Oakland, 1-story 5-room dwelling.
Owner—E. C. Houck, Berkeley.
Architect—None.
Contractor—J. V. Frazier, 2324 Peralta Ave., Oakland. \$4000

DWELLINGS
(4424) 7819 7825 ALDER ST., Oakland 2 1-story 5-room dwellings and garages.
Owner—T. J. McCord, 4741 East 14th St., Oakland.
Architect—None. \$3200 each

DWELLING
(4425) S HOPKINS ST. 372 E-35th Ave., Oakland, 1-story 5-room dwelling.
Owner—Paul E. LaVoie, 3351 Abbey St., Oakland.
Architect—None. \$3500

DWELLING
(4426) W BROWN AVE. 140 S Wisconsin St., Oakland, 1-story dwlg.
Owner—H. B. Cooper, 440 Broderick St., San Francisco.
Architect—None. \$1500

RESIDENCE
(4427) NO PROPERTY GIVEN IN document. All work for 2-story frame residence.
Owner—Mrs. James Hamilton, 1429 29th Ave., Oakland.
Architect—Geo. E. Ralph and Edw. Hussey, Syndicate Bldg., Oakland.
Contractor—C. Hamilton Elrod, 3532 Telegraph Ave., Oakland.
Filed Aug. 21, 1924. Dated Aug. 19, 1924 \$200 first of each month until \$600 has been paid. Balance upon acceptance; contractor to receive \$736.40 for services.

TOTAL COST, \$—
Bond, Forfeit, Limit, none; Plans and specifications filed.

FACTORY BLDG.
(4428) COM. AT THE MOST E COR. of that certain 10 acre tract conveyed heretofore by Central Natl. Bk of Oakland to the Victor Talking Machine Co. by deed dated

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY (THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

COMMERCIAL

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Oct. 19, 1923 and recorded in 405 Official Records at Page 217 Alameda County Records. Building thence SW along the NE line of the above mentioned lot to the NE SW corner of lot 341 29 ft. NE 134 ft. NW 68 29 ft. to pt. of beginning. Oakland. Painting 1-story factory building.

Owner—Illinois Wire & Cable Co., 417 Market St., San Francisco.
Architect—Washington J. Miller, 417 Market St., San Francisco.
Contractor—J. H. Bennett Inc., 541 7th St., San Francisco.
Filed Aug. 22, 1924. Dated July 31, 1924. Completed and accepted..... 75
Usual 36 days after..... 25
TOTAL COST, \$1413

Bond, \$—; Sureties, M. G. Zelinsky, E. G. Zelinsky; Forfeit, \$50 day; Limit, 36 days after beginning; Plans and specifications filed.

DWELLING
(1429) 35 ROBLE COURT, Berkeley.
Dwelling and garage.
Owner—J. Galloway, 76 Oak Ridge Rd. Berkeley.
Architect—Wm. C. Hays, 2924 Derby, Berkeley.
Contractor—Walter Sorenson, 2940 Piedmont Ave., Oakland. \$21,000

DWELLING
(1430) 1529-31 ARCH ST., Berkeley.
Dwelling and garage.
Owner—David Perry, 2533-B Dwight Way, Berkeley.
Architect—Louis Engler, 2940 Forest Ave., Berkeley. \$15,000

DWELLING
(1431) 10 ROSLYN COURT, Berkeley.
Dwelling.
Owner—Jos. Coward, 2924 Claremont Berkeley.
Architect—None. \$5000

HOME
(1432) 956 CRAGMONT, Berkeley.
Home.
Owner—E. J. Irwin, Maxwell, Cal.
Architect—None.
Contractor—C. M. Rogers, 2161 Shattuck Ave., Berkeley. \$5000

DWELLINGS
(1433) 1425-29-33-37 TENTH, Berkeley. 4 dwellings.
Owner—Alameda Inv. Co., 703 Syndicate Bldg., Oakland. \$3000 each

(1434) 1721 EUCLID, Berkeley, Dwlgr.
Owner—Del Rey Club, U. C., Berkeley.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor—Mason-McDuffie, 2045 Shattuck Ave., Berkeley. \$25,000

STORES & OFFICES
(1435) NW COR. HOBART & WEBSTER STS., Oakland. 8-story brick & tile stores and offices.
Owner—Builders Exchange Corp., 351 12th St., Oakland.
Architect—Howard Schroeder, 357 12th St., Oakland. \$120,000

STORES
(1436) NE COR. SAN PABLO AVE & BROCKHURST, Oakland. 1-sto. stores.
Owner—J. O. Falkinham, 465 Bellevue, Oakland.
Architect—None. \$5000

DWELLING
(1437) 2842 DELAWARE STREET, Oakland. 1-story 4-room dwelling and garage.
Owner—W. Huntley, 2842 Delaware St. Oakland.
Architect—None. \$1900

STORES
(1438) S FOOTHILL BLVD. 50 E 73rd Ave., Oakland. 1-story stores.
Owner—E. Glasgow, 2760 73rd Ave., Oakland.
Architect—None. \$2500

BUILDING
(1439) COMPANY PROPERTY SAN FRANCISCO Bay near Powell St., Emeryville, Alameda County. All hollow tile and brick work for 1-building. steel and hollow tile dryer building.
Owner—The Paraffine Companies Inc., City of Emeryville, Alameda Co., Calif.

Architect—Leland S. Rosener, Ins. Exchange Bldg., S. F.
Contractor—Herbert Beckwith 351 12th St., Oakland.
Filed Aug. 22, 1924. Dated Aug. 16, 1924. 8th each month..... 75
Usual 25 days..... 25
TOTAL COST, \$11,750

Bond, \$—; Sureties, Globe Indemnity Co.; Forfeit, Limit, none; Plans filed; Specifications, none.

DWELLING
(1440) W FOURTEENTH AVE. 85 S E-20th St. 1-story 4-room dwelling.
Owner—E. J. Blain, 1329 East 20th St., Oakland.
Architect—None. \$2800

DWELLING
(1441) 824 CREED ROAD, Oakland. 1-story 6-room dwelling.
Owner—S. Moe, 4001 Woodruff Ave., Oakland.
Architect—None. \$5000

DWELLING
(1442) SE COR. FIFTY-FIFTH AND ROBERTS AVE., Oakland. 1-story 6-room dwelling.
Owner—Andrew Stenbro, 4340 Division St., Oakland.
Architect—None. \$3500

DWELLING
(1443) 6206 MANOA STREET, Oakland. 2-story 7-room dwelling.
Owner—H. D. Bentell, 2019 Woolsey St., Oakland.
Architect—None.
Contractor—C. M. Texdahl, 6215 Auburn Ave., Oakland. \$8000

DWELLING
(1444) 7330 WELD ST., Oakland. 1-story 4-room dwelling and garage.
Owner—Lillian B. Baker, 236 Jayne Ave., Oakland.
Contractor—Jos. Parker, 2012 92nd Ave., Oakland. \$3150

DWELLING
(1445) E SANTA CLARA AVE. 70 S Chetwood St., Oakland. 1-story 5-room dwelling and garage.
Owner—R. M. Myers, 33 Estrella Ave., Piedmont.
Architect—None. \$4500

DWELLING
(1446) W ADAMS ST. 458 S Perkins St., Oakland. 1-story 5-room dwlg.
Owner—J. F. Whalen, 407 Federal Bldg. Oakland.
Architect—None. \$5000

DWELLING
(1447) 614 ALMA AVENUE, Oakland. 1-story 5-room dwelling.
Owner—E. O. Francis, 1422 14th Ave., Oakland.
Architect—None. \$5000

DWELLING
(1448) S FIFTY-NINTH ST. 270 W Shattuck Ave., Oakland. 1-story 5-room dwelling.
Owner—Annie R. Miller, 631 59th St., Oakland.
Architect—None.
Contractor—A. J. Miller, 631 59th St., Oakland. \$3000

DWELLING
(1449) N FLEMING AVE 384 E Courtland Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—Geo. B. Davis, 4600 Fleming Ave., Oakland.
Architect—None. \$4350

DWELLING
(1450) W BELLEVUE AVE. 500 N Van Buren Ave., Oakland. 2-story 8-room dwelling.
Owner—David Siminoff, 726 Grand, Oakland.
Architect—Hutchinson & Mills, 1214 Webster Street, Oakland.
Contractor—E. K. Collins, 740 Walker Ave., Oakland. \$8000

DWELLING
(1451) E SEVENTY-NINTH AVE. 40 S Alder St., Oakland. 1-story 5-room dwelling.
Owner—F. Oliveria, E-11th St. and 34rd Ave., Oakland.
Architect—None.
Contractor—E. R. Blabon, 1962 Seminary Ave., Oakland. \$9250

DWELLING
(1452) E KETTING ST. 150 N Wisconsin St., Oakland. 1-story 3-room dwelling.
Owner—Mrs. Grant, 7333 Weld Street, Oakland.
Architect—None.
Contractor—F. G. Mork, 4117 Pampas St., Oakland. \$2000

SANITARIUM
(1453) COM. AT A POINT OF INTERSECTION of S line of Clinton Ave. and W line of Willow Street running thence along Clinton Ave. 270 thence S to the Bay of S. F. thence E along shore to W line of Willow St. extended southerly thence N along said last mentioned line to pt. of beginning. All work for 4-sto reinforced concrete sanitarium.
Owner—Alameda Sanatorium on South Shore, (a corp.), 2054 Clinton Ave., Alameda.
Architect—Edward T. Foulkes, Crocker Bldg., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Filed Aug. 25, 1924. Dated Aug. 22, 1924. Contractor to be paid \$11,300 for services as follows:
Concrete frame up..... \$3700
Completed and accepted..... 3700
Usual 35 days..... 3920
TOTAL COST, not to exceed \$283,000 plus fee.
Bond, \$—; Sureties, Indemnity Ins. Co. of North America; Forfeit, none; Limit with all due diligence; Plans and specifications filed.

DWELLING
(1454) LOT 24 LOMA VISTA TRACT, Oakland. All work for 8-room and basement dwelling and garage.
Owner—A. and Marie Bonne, 2814 Adeline St., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—L. A. Peters, 5313 Manila Ave., Oakland.
Filed Aug. 25, 1924. Dated June 18, 1924. Frame up..... \$1425
1st coat of plaster..... 1425
Completed and accepted..... 1425
Usual 35 days..... 1425
TOTAL COST, \$5700
Bond, Forfeit, none; Limit, 75 working days; Plans and specifications filed.

DWELLINGS
(1455) 1610 LINCOLN AVE., Alameda. 2 1-story 3-room dwellings.
Owner—Donald Fraser, 1610 Lincoln Ave., Alameda.
Architect—None.
Contractor—F. W. Dargin, 2174 University Ave., Berkeley. \$2000 each

DWELLING
(1456) BAYO VISTA & FAIRVIEW AVE., Alameda. 1-story 5-rm dwlg.
Owner—R. Linton, Eastman Ave., Alameda.
Architect—None.
Contractor—O. D. Carper, 1124 Hampel St., Oakland. \$4000

REMODEL
(1457) 815 LINCOLN AVE., Alameda. Remodeling building.
Owner—R. Lenord, 70 Bacon Block, Oakland.
Architect—None.
Contractor—F. W. Borden, 5836 Foot-hill Boul., Oakland. \$6000

DWELLING
(1458) 2122 ALAMEDA DRIVE, Alameda. 1-story 4-room dwelling.
Owner—A. O. Gott, 2124 Alameda Ave. Alameda.
Architect—None. \$2000

DWELLING
(1459) FERNSIDE BOUL Near High. Oakland. 1-story 6-room dwelling.
Owner—E. Sharp, 1129 Bay Street, Alameda.
Architect—Leo Kochdorfer, 2204 Lincoln Ave., Alameda. \$4900

DWELLING
(1460) 1616 WALNUT ST., Alameda. 1-story 6-room dwelling.
Owner—G. Kapler, 1825 Webster St., Alameda.
Architect—None.
Contractor—E. Pederson, 700 25th St., Oakland. \$3500

RESIDENCE

(4461) 70 LAKEVIEW AVE., Piedmont. 1-story 7-room residence and garage.
Owner—E. C. Gayman, 4949 Manila Ave., Oakland.
Architect—None.
Contractor—Geo. R. Potter, 19 Randwick Ave., Oakland. \$6000

DWELLING

(4462) NO ADDRESS GIVEN, Piedmont. 1-story 5-room dwelling and garage.
Owner—F. D. Magnus, 1607 Grant, Berkeley.
Architect—None.
Contractor—L. Dolan, Syndicate Bldg., Oakland. \$6500

DWELLING

(4463) 60 WILDWOOD, Piedmont. 2-story 7-room dwelling and garage.
Owner—C. E. Hodes. \$5478
Architect—None.

DWELLING

(4464) 337 EL CERRITO, Piedmont. 1-story 6-room dwelling and garage.
Owner—J. A. Wentworth, 5845 Ayala, Piedmont.
Architect—None. \$5500

DWELLING

(4465) 234 PALM AVE., Piedmont. 1-story 5-room dwelling and garage.
Owner—Schroeder and Woolley.
Architect—None. \$6000

DWELLING

(4466) 609 NEILSON ST., Berkeley. Dwelling.
Owner—G. M. Ralston, 1853 Catalina Ave., Berkeley.
Architect—P. W. Anderson, Telegraph Ave., Berkeley.
Contractor—M. J. Ralston, 1853 Catalina Ave., Berkeley. \$3250

DWELLING

(4467) 697 VINCENTE, Berkeley. Dwelling.
Owner—J. P. Wisser Jr. Live Oak Apt., Berkeley.
Architect—None.
Designer & Contractor—J. Harry Smith 855 The Alameda, Berkeley. \$4000

SHED

(4468) 1020 PARKER ST., Berkeley. Shed.
Owner—Berkeley Lumber & Mill Co., Parker St., Berkeley. \$1200
Architect—None.

ALTERATIONS & ADD.

(4469) 1132 SUTTER, Berkeley. Alteration and addition.
Owner—O. Dutro, 1132 Sutter St., Berkeley.
Architect—None.
Contractor—Harold de Normandie 1136 Sutter St., Berkeley. \$1000

RE-SHINGLE ETC.

(4470) 2225 CHAPEL ST., Berkeley. Re-shingle and alter.
Owner—H. J. Rothe, 1124 Spruce St., Berkeley.
Architect—None. \$1000

ALTERATION

(4471) NE BANCROFT & SHATTUCK, Berkeley. Alterations.
Owner—Berkeley Masonic Temple, NE Bancroft and Shattuck, Berkeley.
Architect—None.
Contractor—Robt. Greig, 1745 Bancroft Way, Berkeley. \$5000

DWELLING

(4472) 1643 VIRGINIA ST., Berkeley. Dwelling.
Owner—B. Manangh, 1641 Virginia St., Berkeley.
Architect—None. \$3200

ALTERATIONS

(4473) 2014 BLAKE ST., Berkeley. Alterations.
Owner—R. D. McCurdy, Berkeley Bank Building, Berkeley.
Architect—None.
Contractor—G. F. King, 1541 Virginia St., Berkeley. \$1000

DWELLING

(4474) 2484 MARTINEZ AVE., Berkeley. Dwelling.
Owner—Mrs. C. A. Colemore, 3120 Lewiston Ave., Berkeley.
Architect—None. \$5500

DWELLING

(4475) W TWENTY-THIRD AVE. 50 S Frederick St., Oakland. 1-story 4-room dwelling.
Owner—Joane Gomes.
Architect—None.
Contractor—Silva & Lurison 2869 Ford St., Oakland. \$3000

DWELLING

(4476) N DELEWARE ST. 70 E Maple Ave., Oakland. 1-story 5-room dwelling.
Owner—C. W. Leekins, Oakland.
Architect—None.
Contractor—F. S. Taylor, Box 97 Fruitvale, Oakland. \$3250

APARTMENTS

(4477) S STOW AVE. 360 W Newton Ave., Oakland. 3-story 18-room apartments.
Owner—F. M. Neher, 413 Bacon Bldg., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—Western Construction Co., 43 Bacon Bldg., Oakland. \$15,000

DWELLING

(4478) E FIFTY-SIXTH AVE. 32 N Brann St., Oakland. 1-story 6-room dwelling.
Owner—Otto Nittler, 2151 51st Avenue, Oakland.
Architect—None.
Contractor—N. Nittler, 3300 E-17th St., Oakland. \$4000

DWELLING

(4479) S EL CENTRO AVE 1000 E Park Blvd., Oakland. 1-story 5-rm. dwelling.
Owner—Dr. Simons, 3417 Grove Street, Oakland.
Architect—None.
Contractor—C. J. Pfrang, 480 Forest St., Oakland. \$5800

DWELLING

(4480) 1752 TACOMA, Berkeley. Dwelling.
Owner—R. O. Burr, 1850 Solano Ave., Berkeley.
Architect—None. \$4000

APARTMENTS

(4481) E BRIDGE AVE. 80 S Foot-hill Blvd., Oakland. 2-story 12-room apartments and garage.
Owner—A. F. Brown, 569 Estudillo Ave San Leandro.
Architect—None.
Contractor—H. E. Bixler, 1726 Bridge Ave., Oakland. \$9386

DWELLING

(4482) W YORK ST., 95 N Prince St., Oakland. 1-story 6-room dwelling.
Owner—Thos. Hill, 1399 8th St., Oakland.
Architect—E. Field, American Bank Bldg., Oakland. \$6000

DWELLING

(4483) SE COR. ALMA & CHATHAM Rd., Oakland. 2-story 6-room dwlg
Owner—Mrs. T. Vardeman, Atlanta, Ga.
Architect—Willis C. Lowe, 1056 Hubert Rd., Oakland.
Contractor—H. Vardeman, 1920 Broadway, Oakland. \$5000

DWELLING

(4484) SE COR. TWENTY-EIGHTH and Market Sts., Oakland. 1-story 5-room dwelling.
Owner—A. P. Anderson, 1110 Warfield Ave., Oakland.
Architect—None. \$4000

DWELLING

(4485) 5006 FAIRFAX AVE., Oakland. 1-story 4-room dwelling and garage.
Owner—J. D. Fennelly, 2910 E-22nd St. Oakland.
Architect—None. \$3250

APARTMENTS

W RAMPOLPH AVENUE. 225 S Hampel St., Oakland. 2-story 15-room apartments.
Owner—F. Harris.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—J. W. Merritt, 7934 Ney Ave., Oakland. \$13,000
NOTE—Recorded contract reported Aug. 11, 1924, No. 4165.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
ter C. McCown to F. W. Thaxter..
.....Aug. 16, 1924
Aug. 21, 1924—LOT 7 BLK D Fairmount Heights, Oakland. Clara C. Bryant to Charles R. Aen.....
.....July 22, 1924
Aug. 21, 1924—2664 SIXTY-FIFTH Ave., Oakland. P. G. Staropoulos to whom it may concern. July 31, 1924
Aug. 21, 1924—381 EIGHTH ST., Oakland. Lee Ding, Lee Chuck, Lo See, Sin York, Lee Choy How to Coast Construction Co.Aug. 20, 1924
Aug. 21, 1924—932 ARLINGTON AVE Berkeley. Herbert K. Schu to whom it may concern.Aug. 15, 1924
Aug. 21, 1924—BEG. AT A POINT ON S E Line of 19th Ave. dist. thereon 125 N E from N E line of E 24th St running thence 20 N E S E 100 S W 50 N W 100 to pt. of beg., Oakland. Charles G. Hinds to Charles W. LindquistAug. 13, 1924
Aug. 20, 1924—NORTHERN 1037 ft. of Lot 24, Resub. of Corley division of Highland Court, Piedmont. Stanley R. Vinnicombe to C. M. MacGregorAug. 19, 1924
Aug. 20, 1924—LOT 24 AND SW 15 ft. of Lot 25, Resub. of Corley Tract, Oakland. Mary E. McKenna to Geo. H. LydeksenAug. 19, 1924
Aug. 20, 1924—SECTIONS 13 AND 24 Twp. 5 S R 1 E. Mount Diablo Meridian. (Calaveras Dam of Spring Valley Water Co. about 9 miles south of Town of Sunol.) Spring Valley Water Co. to W. H. HouserAug. 15, 1924
Aug. 20, 1924—1737 EUCLID AVE., Berkeley. Madeline V. Christy to H. B. SweetAug. 19, 1924
Aug. 20, 1924—NE COR. OF 51ST and Shattuck Aves., Oakland. Pacific Gas & Electric Co. to J. CatteducAug. 15, 1924
Aug. 20, 1924—LOT 10, BLK. A, Map Claremont Court, Berkeley. Mary M. and Thomas E. McEneaney to I. W. ButtonAug. 19, 1924
Aug. 20, 1924—LOT 8, BLK. G, Map of the Stone Tract, Brooklyn Twp. Arthur C. Thorpe to whom it may concernAug. 19, 1924
Aug. 20, 1924—2518 WILBUR ST., Oakland. East Bay Builders Inc. to whom it may concern.Aug. 19, 1924
Aug. 20, 1924—2530 WILBUR ST., Oakland. East Bay Builders Inc. to whom it may concern.Aug. 19, 1924
Aug. 20, 1924—2524 WILBUR ST., Oakland. East Bay Builders Inc. to whom it may concern.Aug. 19, 1924
Aug. 20, 1924—2506 WILBUR ST., Oakland. East Bay Builders Inc. to whom it may concern.Aug. 19, 1924
Aug. 20, 1924—4037 ARDLEY ST., Oakland. Clara B. Lapp to whom it may concernAug. 15, 1924
Aug. 21, 1924—LOTS 2 & 3 BLK. 2, 1924—622 ALMA AVE., Oakland. N. A. Blodgett to whom it may concernAug. 19, 1924
Aug. 21, 1924—E SIDE OF 34TH Ave. North of E-14th St., Oakland. (St. Elizabeth School. Roman Catholic Archbishop of S. F. to Larsen, Siegrist Co. Inc., Aug. 18, 24
Aug. 23, 1924—NW VIRGINIA AVE. Arch. Berkeley J. F. Brownlee to Gustaf JohansonAug. 23, 1924
Aug. 23, 1924—LOT 3 BLK D, Map Grand Avenue Heights, Oakland. Howard and Kathryn Dunn to W. J. DavidAug. 22, 1924
Aug. 23, 1924—LOT 3 BLK G Map Santa Fe Tract No. 2, Oakland. John and Ben Ceruti and John Perata to William Casper HelmsAug. 19, 1924
Aug. 23, 1924—LOTS 1, 2, 3 AND 7 Blk M, Oakland Highlands. Herbert C. Cameron to whom it may concernJuly 19, 1924
Aug. 23, 1924—W CAPISTRANO Ave 75 N Miramir Ave., Berkeley. G H Vore to whom it may concernAug. 23, 1924
Aug. 23, 1924—LOT 34 BLK 12, Lake Highlands, Berkeley. John O Burns to whom it may concernAugust 16, 1924
Aug. 21, 1924—BEG. AT A PT. 78 FT. E of the intersection of E line of 34th Ave. and N line of E-14th St. thence NW 38 ft. SW 60 ft. SE 10

Aug. 19, 1924—LOI H BER to DIN-
gee Park, Ole Johnson to Harry
Arnold Aug. 18, 1924

Aug. 19, 1923—LOT 17 BLK 7 EASTON No. 1, Burlingame. George and Emily Boeddicker to L. H. Peterson. Aug. 7, 1924
Aug. 19, 1924—LOT 10 BLK 3 Villa Park Burlingame. Martin Peterson to whom it may concern. Aug. 16, 1924

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Aug. 22, 1924—LOT 21 BLK 37 EASTON No. 2, Burlingame. George W. Williams to whom it may concern. Aug. 21, 1924
Aug. 22, 1924—LOT 1 BLK 12 ELMGME Park No. 2, Burlingame. B. J. Hoffacker to whom it may concern. May 7, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Aug. 21, 1924—PART LOT 225, San Mateo Park. A. A. Dudgey, \$1452.36; Carl Lerup, \$262; The California Door Co., \$300; J. W. Wesley Hinks, \$616.10; O. K. Brown (The Hoosier Store), \$174.39; A. J. Ruhlman (as A. J. Ruhlman & Co.), \$156; Levy Bros., \$483.84 vs L. E. White et al.

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Aug. 20, 1924—LOT 2 13 & PORT OF LOT 1 & 14 BLK 21, San Carlos. H. H. Park to Arnold Hauscomb et al. \$63.50
Aug. 21, 1924—PORT LOT 247 San Mateo Park No. 3 San Mateo. Carl Lerup to John Eshia. \$33

BUILDING CONTRACTS

SACRAMENTO COUNTY

PERMITS

RAISE dwelling and install lower flat and remodel upper flat, \$5000; owner, Miss Lillian Hatch, 1504 Q St., Sacramento; contractor, Wm. Theilbahr, North Sacramento.
DWELLING, one-story and garage, \$3500; No. 1515 33rd St., Sacramento; owner, E. Sydenstricker, 2307 P St., Sacramento; contractor, A. McCarlane, 821 42nd St., Sacto.
DWELLING, one-story and garage, \$3000; No. 1424 36th St., Sacramento; owner, M. Furtado, 2224 18th St., Sacramento.
DWELLING, one-story 5-room and garage, \$4500; No. 844 36th St., Sacramento; owner, W. L. Pearce, 3424 D St., Sacramento; contractor, W. E. Pearce.
DWELLING, one-story 4-room and garage, \$3000; No. 621 44th St., Sacramento; owner, J. O. Tryer, contractor, Coleman & Holmes, 2731 3rd Ave., Sacramento.
DWELLING, one-story 5-room and garage, \$2500; No. 3048 32nd St., Sacramento; owner, O. H. Moore, 2918 38th St., Sacramento.
DWELLINGS, two one-story and garages, \$3500 each; No. 3840 Fourth St. and No. 2530 39th St., Sacramento; owner, Frank Huat Spenceville; contractor, W. C. Masser North Sacramento.
DWELLING, one-story and garage, \$3000; No. 2604 S St., Sacramento; owner, Steve Bapula, 2609 S St., Sacramento; contractor, R. E. Brown, Del Paso Heights.
DWELLINGS, two one-story and garages, \$3500 each; No. 2317 and 2309 36th St., Sacramento; owner, W. B. Phillips, 2300 L St., Sacto.
DWELLING, one-story 6-room and garage, \$5500; No. 2423 31st St., Sacramento; owner, Chas. Craig, 3108 X St., Sacramento.
DWELLING, one-story 5-room and garage, \$2500; No. 3622 Folsom Blvd., Sacramento; owner, C. E. Wright, 817 J St., Sacramento.
DWELLINGS (2) 5-room and garages, \$2500 each; No. 1049 47th St., Sacramento; owner, C. E. Wright.

DWELLING and garage, \$7000; No. 1232 47th St., Sacramento; owner, E. F. Phillips, 620 4th St., Broderick; contractor, L. F. Gould, 1623 O St., Sacramento.
DWELLING, one-story 5-room and garage, \$3500; No. 900 41st St., Sacramento; owner, T. G. Frazier, 162 17th St., Sacramento; contractor, P. R. Ondyke, 1009 7th Ave., Sacramento.
DWELLING, one-story 6-room and garage, \$6500; No. 1533 33rd St., Sacramento; owner, W. A. Adams, 2905 I St., Sacramento; contractor, P. R. Ondyke.
BUSINESS building, one-story brick, \$7000; No. 3173 Folsom Blvd., Sacramento; owner, G. C. Snider, 1332 32nd St., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.
DWELLING, one-story and garage, \$2240; No. 1864 Discovery Way, Sacramento; owner, C. A. Blivan, 2919 M St., Sacramento; contractor, Chas. Carson, Box 129 B, Route 4, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Aug. 18, 1924—LOT 6, Sunnyside. Hazel Haggerty Frances to whom it may concern. Aug. 1, 1924
Aug. 18, 1924—LOT 5, J. K. 11th and 12th Sts., Sacramento. Maud B. and Allison Ware to whom it may concern. Aug. 12, 1924
Aug. 19, 1924—S 1/2 LOTS 6, 7 AND 8, Q. R. 10th and 11th Sts., Sacramento. W. P. Fuller & Co to whom it may concern. Aug. 11, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Aug. 20, 1924—N 1/2 LOT 5, N. O. 22nd and 23rd Sts., Sacramento. Superior Lumber & Fuel Co vs Ella A. Devin and Sam Aaron. \$14.63

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$6600; No. 844 Elm St., Stockton; owner, J. R. Wolf.
DWELLING & garage, \$5400; No. 1212 W-Flora St., Stockton; owner, C. J. Turner, 125 S-San Joaquin St., Stockton.
DWELLING and garage, \$4000; No. 1220 W-Rose St., Stockton; owner, A. C. Alluvim; contractor, Carl Nelson, Lindsay and American Sts., Stockton.
DWELLING and garage, \$5000; No. 720 W-Elm St., Stockton; owner, Carl F. Anderson, 1709 E-Anderson St., Stockton.
DUPLEX dwelling and 2 garages, \$5000; No. 455-457 E-Arcade St., Stockton; owner, Geo. Nelson, 420 E-Arcade St., Stockton.
DWELLING & garage, \$5600; No. 1144 W-Harding St., Stockton; owner, P. P. Dobson, 1041 Vernal Way, Stockton.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000
Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Aug. 20, 1924—LOT 2 BLK 106, West of Center St., Stockton. Vera L. Wood to T. E. Williamson. Aug. 16, 1924

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

W Eighth St., bet. Nevin and Barrett Sts., Richmond; owner, Chas. Hunt, 804 Barrett St., Richmond; contractor, C. Overaa, 2105 Roosevelt St., Richmond.
DWELLING, one-story frame, \$3500; E Eighth St., bet. Ripley and Pennsylvania Sts., Richmond; owner, F. C. Hoskins, 932 Pennsylvania St., Richmond.
DWELLING, one-story frame, \$3000; S South St., bet. Pullman and Stege, Richmond; owner, A. Legrand, 3140 25th St., San Francisco.
DWELLING, one-story frame, \$3000; E Third St., bet. Macdonald and Bissell Sts., Richmond; owner, Mary Carter, 10 Tunnel Ave., Richmond; contractor, J. C. Thornton, 228 Bissell St., Richmond.
DWELLING, one-story frame, \$3500; S South St., bet. Pullman and Stege Sts., Richmond; owner, A. Legrand, 3140 25th St., San Francisco.

BUILDING CONTRACTS

FRESNO COUNTY

PERMITS

DWELLING, \$3650; No. 1269 Del Mar Ave., Fresno; owner, R. E. Brewer, 1405 L St., Fresno.
BUILDING, \$5500; No. 405-15 M St., Fresno; owner, A. J. Kemalyan, 405 M St., Fresno; contractor, Jolly & Jolly, 547 Echo St., Fresno.
DWELLING, \$4000; No. 411 McKinley Ave., Fresno; owner, W. H. Richmond, 1238 Harris St., Fresno.
RESIDENCE, \$23,000; No. 667 Pine St., Fresno; owner, Mrs. A. B. Clark & Ben Walker, 1544 Van Ness St., Fresno; contractor, Strub & Neads, 1309 Linden St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Aug. 22, 1924—LOTS 5 AND 6 BLK 16 North Park Terrace, Fresno. Sayer W Snook to whom it may concern. Aug. 21, 1924
Aug. 22, 1924—LOTS 10 AND 11 BLK 5, High Addition, Fresno. K O Kesler Co to whom it may concern. August 21, 1924
Aug. 21, 1924—LOTS 6 AND 7 BLK 6, High Addition, Fresno. K O Kesler Co to whom it may concern. Aug. 21, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Aug. 21, 1924—LOTS 16, 17 AND 18 Blk 1, Kings Canyon, Fresno. Fresno Plumbing Supply Co vs V R and Mary A Thoman. \$185

BUILDING CONTRACTS

SANTA CLARA COUNTY

DUPLEX house, \$6250; 17th and St. James St., San Jose; owner, A. D. Sgarlotti, San Francisco; contractor, J. Rucker, 720 S-Tenth St., San Jose.
ALTERATIONS, \$1000; Santa Clara and 17th Sts., San Jose; owner, American Dairy Co. Premises; contractor, A. A. Douglass, 396 N-18th St., San Jose.

Construction Projects Abroad

COTTAGE, four-room, \$1,000. Shortridge St. near 1st St. San Jose; owner, S. J. Smith. Eas and Alameda Sts., San Jose.

ALTERATIONS, \$100. No. 12 S-Tenth St., San Jose; owner, A. L. H. Fitch. Contractor, E. L. Skagit, 332 S-34th St., San Jose.

STORAGE sheds, \$1,550; 28th and St. James Sts., San Jose; owner, Glenwood Lumber Co., 34 N-Third St., San Jose; contractor, Al Campbell, 547 N-17th St., San Jose.

RESIDENCE, 5-room, \$3,700; Fourteenth St. near William, San Jose; owner, Whiteside Davidson Constr. Co.; contractor, Whiteside Davidson Constr. Co., 27th and Shortridge Sts., San Jose.

COTTAGE, 5-room, \$3,000; Tenth St. near Washington St., San Jose; owner, A. York, 16 N-3rd St., San Jose.

C.I.P. and rooming house, \$90,000; San Francisco and 34th Sts., San Jose; owner, Catholic Church; designer, S. F. 11th Franklin St., San Francisco; architect, Huber & Curtis, 34 W-San Carlos St., San Jose; contractor, Al Campbell, 547 N-17th St., San Jose. Builders' Exchange, San Jose.

ALTERATIONS, \$200. No. 270 Emory St., San Jose; owner, Carl Messia, 352 S-Sixth St., San Jose.

ALTERATIONS, \$100. No. 112 S-FIRST ST., San Jose. All work for remodeling front of jewelry store.

Owner, Earl E. Bothwell, Premises, Architect—None.

Contractor, G. M. Latta, 25 Rhodes Ct., San Jose.

Filed Aug. 15, '24. Dated Aug. 15, '24.

Work progresses..... 75%

Cost 35 days..... 25%

TOTAL COST, \$2,091

Bond, none. Limit, 20 days from Aug. 19, 1924. Forfeit, none. Plans and specifications filed.

Brazil Treasury Offices

Tenders have been invited for the construction of a building in Maciel costing not more than 425,400 milreis (the milreis is now worth \$0.037), to serve as offices for the Federal Fiscal Delegate. The specifications call for stone and brick construction, with cement, pressed brick, and wood floors. A "strong room" is included in the plans, quite apart from the cost of the building proper, and its construction will be intrusted to an expert of such installations, Consul E. V. Richardson, Pernambuco, reports to the Department of Commerce.

The sanction of the Senate was contingent on securing running rights over 27 miles of the Canadian Pacific Railway, thus limiting the portion to be constructed to approximately 16 miles.

Ceylon Water Works

In connection with the Colombo water supply and filtration plant, 10 filters with a capacity of 8,000,000 gallons a day are now in use, and 3 new filters are to be added to the equipment this year, according to report of Consular advices to the Department of Commerce. The water passes from a reservoir into a settling basin, where a coagulant, usually sulphate of alumina, is added.

Dry Dock in Finland

Construction of a large dry dock at the mouth of the Aura River has been planned at an estimated cost of between 25,000,000 and 30,000,000 Finnish marks. (The Finnish mark is quoted at \$0.025.) The proposed dock can be used at all seasons, according to report to the Department of Commerce from Consul office at Helsingfors.

Port Works in Brazil

The Federal ministry of communications of Brazil has authorized the disbursement of 1,400,000 milreis to enable port improvement and development projects to be continued, writes Consul E. Verne Richardson, to the Department of Commerce. Ceara receives 800,000 milreis, Natal 400,000, and Parahyba 200,000.

Irrigation For Turks

The Government of Turkey has announced irrigation projects for the Meander Valley, the Adana Plain, and the Samsirlik and Broussa areas. The Minister of Agriculture has stated that he is in a position to discuss details of these projects with foreign construction companies with a view to granting concessions, reports Rear Admiral Mark L. Bristol, United States high commissioner, Constantinople.

Railroad in Canada

Construction of the branch railway line connecting the Canadian National Railway with the Maine Central, running via Kingsclear to Vanceboro, has been authorized according to Consular advices to the Department of Com-

Port of Tangier

Contracts are to be let on November 27 next for work on the construction of the port of Tangier, reports Elbridge D. Rand, charge d'affaires, Tangier, Morocco. These works involve two concrete breakwaters, a mole, and a wall. The dredging for the deepening of the harbor is estimated at 89,999 cubic meters and the filling in for the quays at 36,000 cubic meters. Further information, together with a dossier descriptive of the contract and specifications composed of eight pamphlets in French, are available to accredited American concerns at the bureau office.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Aug. 22, 1924—LOT 16, Hanchett Court, San Jose. B. J. Smith to whom it may concern, Aug. 22, 1924

Aug. 22, 1924—LOT 35, Hanchett Court, San Jose. B. J. Smith to whom it may concern, Aug. 22, 1924

Aug. 22, 1924—PTN LOT 18 BLK 7, Divine Survey 1, San Jose, A. York to whom it may concern, Aug. 21, '24

Aug. 19, 1924—PTN LOTS 12 AND 13 BLK 118, Crescent Park, Palo Alto Land Co. to whom it may concern, Aug. 15, 1924

Aug. 22, 1924—6.557 ACRES ON Santa Clara and Alviso Road adjoining Southern Pacific Co. Railroad and Laurelwood Farm, Stockton Fire Brick Co. to George E. and Nellie Patton and The Homer Knowles Pottery Co. \$3045.53

VALUATION PLACED ON SACRAMENTO PUBLIC UTILITY DISTRICT

The valuation of the Sacramento Utility District is placed at \$84,646,640 by County Auditor L. P. Williams in a report to Albert Givan, general manager of the district, submitted to directors of the district.

This figure was given to the district to be used as the basis for determining a tax rate by which the money to finance the construction of the Silver Creek project could be raised. It is expected that the budget will be presented to the members for adoption at once.

General Manager Givan announced he conferred with officials of the United Bank & Trust Company concerning the financial agreement into which the bank and the district will enter. The agreement is being arranged so that the warrants of the district can be honored until such time as the district comes into possession of funds from the tax law.

S. F. CONTRACTORS' WORK AT SEATTLE UNACCEPTABLE

Charging deficiencies in the recently completed Gorge plant tunnel at the Skagit, a resolution formally warning the board of public works of Seattle, Wash., against accepting the tunnel from R. C. Storrie & Co. of San Francisco, the contractors, has been introduced in the city council by Chairman Philip Tindall of the city utilities committee.

Tindall's resolution, which was referred to the city utilities committee for investigation and report, declared the R. C. Storrie Company has failed to bring the Skagit project tunnel to a uniform bore as required by the contract, plans and specifications.

It also asserted that city officers and inspectors in charge of the Skagit work have attempted "to waive the bringing of said tunnel to a uniform bore resulting in an unauthorized profit of approximately \$50,000 to said R. C. Storrie & Company."

"The board of public works is hereby notified that said tunnel in its present condition is unsatisfactory to the city council and any pretended acceptance of said tunnel in its present condition is not agreeable to the council," the resolution also declares. "It then directs the public works board 'not to accept said tunnel until the further order of the city council, nor any other portion of said work under said contract unless and until fully completed in strict accordance with the plans and specifications therefor.'"

PIG IRON OUTPUT DROPS

Pig iron production in July totaled 1,787,000 tons as contrasted with 2,026,000 tons in June and 3,678,000 tons a year ago. Furnaces in blast at the end of July totaled 144 with an average daily capacity of 55,350 tons, as against 154 in blast on June 30 with a capacity of 65,200 tons and 298 a year ago with a capacity of 184,200 tons. Production of steel ingots totaled 1,869,000 tons during July as compared with 2,056,000 tons in the previous month and 3,531,000 in July, 1923.

Santa Clara—\$100,000 Memorial Observatory for Father Jerome S. Ricard planned for Santa Clara University.

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Aug. 22, 1924—6.557 ACRES ON Santa Clara and Alviso Road adjoining Southern Pacific Co. Railroad and Laurelwood Farm, Edw. L. Soule Co. to George E. and Nellie Patton, \$366.88

Aug. 22, 1924—6.557 ACRES ON Santa Clara and Alviso Road adjoining Southern Pacific Co. Railroad and Laurelwood Farm, Stockton Fire Brick Co. to George E. and Nellie Patton, The Homer Knowles Pottery Co. and Frank L. Hoyt, \$2045.53

GLASS



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 inside and outside)
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 40 For Finishing Varnish
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Thirty-fourth Year No. 36

Schumacher

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210 American Bank Building, S. F.

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Mixer**



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When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—**dominant strength concrete**—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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Dandies: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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MILWAUKEE WISCONSIN

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 6, 1924

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CEMENT IMPORTS ENDANGER COAST INDUSTRY

Serious injury to the cement industries along the coasts unless the provisions of the Anti-dumping Act are applied to incoming shipments of this commodity from the Scandinavian countries and Belgium was forecast in a brief filed with the Treasury at Washington in behalf of domestic Portland cement interests. Application of the domestic interests for the application of the Anti-dumping Act to importations of cement has been before the Treasury for some weeks.

The belief maintains that foreign cement is being shipped into the United States at prices below those at which it is sold for home consumption in the countries of Norway, Sweden, Denmark and Belgium; and that the domestic cement industry along both coasts in the United States and in Porto Rico and Hawaii, have been, are being and are likely to be seriously injured by reason of such shipments, by reason of the loss of markets, forced reduction of prices in some instances to points where profits have vanished, the closing of mills and the operation of others far below their capacity.

The brief contends that domestic supply is amply sufficient to meet all demands, and that the prices resulting from keen competition have been as low as could possibly be expected if a fair return is to be realized on the capital invested.

JULY CEMENT PRODUCTION BREAKS YEAR'S RECORD

July production of 14,029,000 barrels of Portland cement established a new high record for the year, and was 679,000 barrels ahead of October, 1923, the best month of last year, when production reached a top figure of 13,350,000 barrels. Compared with June, the increase was nearly 500,000 barrels, but compared with July last year the increase was 1,409,000 barrels.

Shipments, too, showed an appreciable increase in July, jumping to 16,614,000 from 15,036,000 barrels in June. Therefore, with the increased production being offset by the larger shipments, stocks on hand at the end of July were smaller, showing a drop of 585,000 barrels on a total supply of 12,318,000 barrels, the lowest of any month this year.

The table below, compiled from figures of the Department of Commerce, shows productions, shipments and stocks on hand (in barrels) for the first seven months of 1924 (last three figures omitted):

	Pro- duction	Ship- ments	Stocks on hand
January	8,788	5,210	14,155
February	8,588	5,933	16,815
March	10,370	8,995	18,189
April	11,726	12,771	17,159
May	13,777	14,551	15,402
June	13,538	15,036	14,903
July	14,029	16,614	12,318

Stocks of clinker, or unground cement, at the mills July 31, 1924, totaled 6,646,000 barrels against 7,609,000 barrels at the beginning of July.

Imports of hydraulic cement in June, 1924, amounted to 196,655 barrels, valued at \$283,112. Total imports in 1923 were 1,678,636 barrels, valued at \$2,964,098.

Imports in June were:

Country	Barrels
Belgium	116,069
Norway	40,457
Denmark	31,276
England	3,497
Sweden	3,080
Germany	1,782
France	488
Canada	6

Exports of hydraulic cement in June, 1924, aggregated 74,064 barrels, valued at \$229,852, of which South America received 33,750; Cuba, 18,909; West Indies, 6543; Mexico, 9502; Central America, 2846; Canada, 1249, and other countries, 1265 barrels.

\$100,000 AVAILABLE FOR STATE WATER SURVEY

A fund of \$100,000, raised by the business interests of Los Angeles and San Francisco through their Chambers of Commerce, for the completion of the state's water resources will be turned over to A. C. McClure, State Engineer, by the executive committee of the California Irrigation Association, September 5.

The water survey was commenced in 1921, after the Legislature had appropriated \$200,000 for the work, but was dropped for lack of funds when the Legislature in 1923 failed to provide additional money. One hundred thousand dollars has since been subscribed with the understanding that an effort would be made to obtain further appropriations from the Legislature in 1925.

RECESSION IN CONSTRUCTION COSTS IS NOTED

In view of statements current in some portions of the press that a depressed condition exists in the construction industry, the Department of Commerce has issued a statement calling attention to the immediate situation as compared with conditions a year ago. The value of contracts let in thirty-six states in July, 1924, shows an increase of 10 per cent over that a year ago, and the total contracts let from January 1 to the end of July, 1924, also gained 10 per cent over the same period of 1923. Practically all classes of construction contributed to the increase, although in varying degree, just as there has been relatively greater activity in some cities and districts than in others.

Residential contracts for July this year show an increase of 3 per cent over those of last July; industrial and commercial building combined show 3 per cent increase; public works and utility construction 10 per cent increase; educational buildings, 26 per cent increase; and miscellaneous, including hospitals and institutions, religious and memorial buildings, and public buildings, 42 per cent increase.

Cement shipments from the mills in July increased 21 per cent over the same month last year, and for the seven months ended July were 4 per cent higher.

Although there was some decrease in lumber production during the first seven months of the year, orders for lumber reported by eight leading associations during six weeks ending the middle of August show an increase of 29 per cent over the same period of last year.

There has been some recession in the cost of construction. The Department of Commerce index number for frame house materials shows a decrease in twelve months from 214 to 199, compared with 1913 as 100, and for brick house materials, from 217 to 201. Other index numbers show a decrease in general construction costs from 222 to 214.

WORLD'S RELAYING SPEED RECORD

What is claimed to be a world's record for relaying rails was established by a crew of men on the Canadian Pacific Railway. New Brunswick district late in July. In two days the men tore up 29.7 miles of old 85-lb. rails and replaced them. There were 230 men in the gang. The section replaced is between Mattawenkeag and Brownville. According to all available records the former Canadian record was 11.7 miles.

CONTRACTORS WIN DAMAGE SUITS

Three general contracting firms in the East have been awarded damages on account of misrepresentation of subsoil conditions, being furnished them by engineers, which resulted in increased construction costs. Another concern was awarded damages against the city of New York because of the engineer's failure to deliver plans according to contract time, which delayed the work so as to throw it into the period of high costs arising from war-time conditions.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



Presaging a \$3,000,000 increase over last year, or a leap of between 10 and 15 per cent, the total value of building in Oakland, for 1924 probably will exceed \$30,000,000, according to figures announced by the Oakland City building department, which show the \$21,000,000 mark passed in the first eight months. The entire 12 months of 1923 brought \$27,000,000 in new buildings. August of this year led August of 1923 by \$915,625, last month being marked by a total of 1111 permits issued by the building department for structures valued at \$3,034,041, a slight decrease from the July figure. It was the second time in as many months that building permits were issued for more than \$3,000,000. For the quarter—June, July and August—Oakland reaches an impressive total of \$8,911,581. August of 1923 saw the issuance of 1120 permits for a total of \$2,118,416.

A movement that is bound to spread all over the country was recently started in New York, which has as its objective the elimination of the unscrupulous and inexperienced builder. The New York Building Trades Employers Association, The New York Building Congress, The American Construction Council and a number of other important agencies are behind the move. The bonding companies are lending their cooperation and it is becoming more difficult for newcomers without practical experience in the industry to enter the field. Architects and owners are inclined to give more consideration to the legitimate contractors than has been the case during the past few years.

The survey of the paper and pulp supply problem recently completed by the United States Forest Service in conjunction with the American Paper & Pulp Association revealed that although 3.39 per cent of the timber cut in the country during a year goes into paper, paper manufacturers are compelled to import pulp and pulpwood. The survey also reveals that of the annual timber cut, 38.32 per cent goes for fuel wood, while lumber absorbs but 33.31 per cent. A similar investigation of the lumber trade will be undertaken in the near future, it is believed in trade circles.

Diamond Patent Show Case Company of San Francisco is having plans prepared for a one-story fireproof factory building to be erected at Eighth and Folsom streets, San Francisco. Approximately \$50,000 will be expended in construction.

W. P. Fuller & Company, pioneer paint manufacturers, have opened a branch sales office at 2037 Shattuck Ave., Berkeley. W. R. Sprinkel is manager for the company in the East Bay district.

V. and E. Townsend, formerly with the Learned Lumber Company, Seattle, are reported buying the E. B. Cook Lumber Company at Hermosa Beach, Calif.

Los Angeles has voted bonds of \$16,000,000 to finance extensions and improvements to its municipal light and power lines.

Washington Veneer Company of Olympia plans early construction of a \$100,000 plant in Olympia, Wash.

Bricklayers lead the field of labor in wage increases gained in the last half century. The fact is shown in a report of a survey of wages and costs in the construction industry, covering a period of fifty years, just made public by the Engineering News Record. The average rate for this trade today being \$1.50 an hour for an eight hour day, as against a rate of 43 cents an hour in 1874. In consistent and steady gains, the carpenters come second to the bricklayers. Common labor is shown to have achieved the least proportion of wage gains and is affected more than the skilled trades in the fluctuation of the industry.

Sprague River White Pine Mill at the terminus of the Oregon-California and Eastern Railroad, 40 miles east of Klamath Falls, Ore., has been sold to R. Egerton of Grants Pass. The mill was erected in 1923 by a syndicate headed by Joseph Bowles, Portland financier. It was never operated. Included in the sale is a tract of white pine timber totaling about six million feet. The new owner will begin operations at once. The mill, which has a capacity of about 40,000 feet daily, will employ twenty men. One and one-half million feet of logs are now in the Sprague River, adjacent to the mill site, ready for manufacture.

The West Coast Iron & Steel Works of Portland, Ore., announces the consolidation with the Steel Tank & Pipe Company of Berkeley, California. The board of directors of the re-organization consists of: C. A. E. Duffie, George C. Dickering, T. L. Hanning, F. W. Small and C. H. Ramsden. The officers of the new company are to be C. A. P. Duffie, president; George C. Dickering, vice-president; T. L. Hanning, secretary and treasurer. F. W. Small will be general manager for the corporation. The new organization will change its name to the Steel Tank and Pipe Company of Oregon.

The San Francisco office of the Clinton Construction Company announces its Los Angeles office has secured the contract to erect the central library building in the southern city. The successful bid is \$1,351,400. The contract was previously awarded to Edwards, Wilsey & Dixon, a Los Angeles contracting firm, the award later being rescinded due to protests of the Clinton Company. Bidding on the same basis as the Clinton Company, the bid of Edwards, Wilsey & Dixon was \$1,552,528.

Reports are current in Klamath Falls, Ore., that the Great Northern Railroad contemplates an extension of that line from Bend to Lakeview. Ore., and thence connecting with the Oregon, California and Eastern into Klamath Falls. It is generally known that the Weyerhaeuser timber interests, heavy owners of undeveloped areas in this section, have been urging the Great Northern to effect a Klamath Falls connection.

Engineering Department of the Bass-Huetter Paint Company is preparing plans for a group of concrete buildings to be erected on a three acre site in the vicinity of Army, De Haro, Kansas and Mariposa Sts., San Francisco. Approximately \$500,000 will be expended in construction.

The California State Civil Service Commission, Forum Bldg., Sacramento, announces that examinations will be held in San Francisco, Sacramento and Los Angeles shortly after Sept. 15 for the position of Assistant Hydraulic Engineer, Grade 4, paying a salary ranging from \$235 to \$280 a month and for the position of Junior Hydraulic Engineer, Grade 3, paying \$170 to \$230 a month. Applicants for the examinations must file before Sept. 15. Further information together with application blanks may be obtained from the State Civil Service Commission, Forum Bldg., Sacramento.

The California Development Company has filed articles of incorporation at a bridge costing \$2,000,000, between Dillon Point, Solano county and Eckley, Contra Costa County. The bridge will cross Carquinez Strait and will be 3000 feet long with a 1500 foot suspension span. The bridge plan is a modification of one outlined by the San Francisco Transit Company two years ago. This original plan was voted down by the Contra Costa County Supervisors.

Frank B. Joyner, former Los Angeles county road commissioner, has been appointed special assistant county road commissioner by the Los Angeles county supervisors. He will have supervision of field work for construction and maintenance. The county recently received more than a million dollars as its share of the gasoline tax for the first six months' period, which will enable the road department to put through a big highway program.

Donald M. Baker, formerly associated with the State Department of Public Works, Division of Water Rights, as hydraulic engineer, has moved to Los Angeles and will open an office in that city. Mr. Baker was recently elected Director of District Two of the American Association of Engineers, succeeding Hubert C. Ferry.

John H. Tillman of Portland, Ore., has been awarded a contract by the Santa Barbara city council to construct new outfall sewer. The bid is approximately \$228,142. Bids for other portions of the project involving screening and pumping plant will be called for shortly.

Austin Company of California has the contract to erect a group of reinforced concrete buildings in 45th St., Emeryville, for Hubbard & Company, manufacturers of electrical equipment. The plant complete will cost approximately \$500,000.

Frank L. Meline, former contractor, at present engaged in the real estate business, has been appointed a member of Los Angeles harbor commission to succeed O. B. Kibele, whose term expired July 7.

T. E. Gibbons has joined the sales force of the Brown-Bevis Company, Los Angeles. He was formerly with Edward R. Bacon Company in the southern city.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STANDARDS COMMITTEE ISSUES YEAR BOOK

According to the new Year Book of the American Engineering Standards Committee, there now exists the most widespread interest and activity in industrial standardization that ever has been shown. Standardization, being essentially a co-operative undertaking, must necessarily be predicated on some form of organization. To carry out a piece of standardization work throughout an industry, it is practically essential that there be some form of organization covering this particular industry, even though it be a loose knit organization. One of the most striking developments of the standardization movement is the increasingly important role that trade associations are playing in it. More than 110 national trade associations are officially participating in standardization projects under the auspices of the American Engineering Standards Committee. The work of the committee is indicative of the growth of the movement as a whole. One hundred and fifty-two projects have been completed or are under way, and in these various projects 235 national organizations, technical, industrial, and governmental are officially co-operating through accredited representatives. The full list of projects with statements of their scopes will be found on Page 31 of the Year Book, which may be secured by addressing the American Engineering Standards Committee, 29 West Thirtieth street, New York City.

EMPLOYMENT BUREAU ACTIVE

Jobs were secured for 130 men by the free employment bureau of the Contra Costa County Builders' Exchange from July 15 to August 15, according to L. C. Dexter, secretary of the exchange. The employment bureau conducted by the exchange is the only one in Richmond and is operated for the convenience of members as well as to aid in relieving the unemployment situation.

Dexter announced that any employers, regardless of whether or not they are members of the exchange, can secure men for jobs by notifying the exchange. During the past month 130 men were put to work through the employment bureau, and the jobs were as follows: Carpenters, 24; plasterers, 6; hod carriers, 5; painters, 8; laborers, 60; concrete workers 10; electricians, 2; and miscellaneous, 15.

VOLUNTARY ORGANIZATION CANNOT BE SUED COURT RULES

A judge in a Missouri Circuit Court recently rendered a decision in which he contends that the section of the statutes permitting suit against voluntary organizations is unconstitutional. The case in question will be taken to the State Supreme Court and the ruling of that body will be awaited with considerable interest.

BUILDERS ELECT OFFICERS

The Monterey County Builders' Association, at the regular monthly meeting in Home Inn, Pacific Grove, elected the following officers to serve for the ensuing year: C. W. Allaire, president; W. H. McConnell, secretary; L. E. Gottfried, Ed. Simpson and H. A. Prince, directors.

MASTER BUILDERS STUDY EMPLOYMENT CONDITION IN MILWAUKEE

The Master Builders Association of Wisconsin recently published a chart showing the percentage of time worked and the yearly earnings of the major building trades in Milwaukee, based on the 1924 rate. The chart shows that tile setters are employed more days per year than any other trade. Their average being 90 per cent of the maximum number of working days. Structural iron workers and hoisting engineers are at the bottom of the list being employed only 60 per cent of the time; carpenters, painters, plasterers, lathers, plumbers and electricians are employed 85 per cent; steam fitters, sheet metal workers and concrete finishers are employed 75 per cent; marble setters, slate roofers and composition roofers are employed 70 per cent; bricklayers 65 per cent and common laborers 60 per cent.

Based on the 1924 rate, the earnings of tile setters are higher than that of any other trade. The order of the rest of the trades is as follows: Plasterers, second; lathers and plumbers, third; electricians, fourth; bricklayers, fifth; marble setters, sixth; carpenters, seventh; steamfitters, eighth; painters, ninth; slate roofers, tenth; sheet metal workers, eleventh; cement finishers, twelfth; structural iron workers, thirteenth; composition roofers, fourteenth; hoisting engineers, fifteenth; common laborers, sixteenth.

ELECTRICAL DEALERS TO CONVENT AT SANTA CRUZ

Invitations are being issued by Walter F. Price, executive secretary of the California State Association of Electrical Contractors and Dealers, to members of the organization requesting them to attend the annual state convention to be held in Santa Cruz, September 19, 20 and 21. Besides three regular business sessions of the convention, there has been arranged a grand ball, official banquet, baseball game and golf tournament. The baseball game is scheduled to take place Saturday morning, September 19, and will be between two teams representing the contractors and jobbers. This event has been a regular feature of the electrical conventions and great rivalry is always in evidence between the supporters of the two sides.

EXPERIMENTAL RAILWAY CROSSING

The Indianapolis Street Railway Co., Indianapolis, Ind., early this year inaugurated an experimental crossing at West St. and the canal in Indianapolis. The company made steel angle iron frames to fit the different parts of railroad crossings, and filled the frames with asphalt, brick reinforced concrete and Durax-granite blocks. They were placed in the crossing on a bed of 1 part cement to 5 parts of sand mixed dry.

NAPA BUILDERS TO BANQUET

Monday, September 15, is the date set by the Napa County Builders' Exchange for its annual banquet and entertainment. W. H. Young, Leo Alexander and Frank A. Pond comprise the Committee of Arrangements. Wade Shifflett will be in charge of the entertainment features.

CODE OF LIGHTING SCHOOL BUILDINGS ADOPTED

With the approval of the Code of Lighting School Buildings as an American Standard by the American Engineering Standards Committee, a demand for definite, detailed and up-to-date specifications for lighting school buildings, on the part of the architects of school buildings, school buildings, school superintendents and school boards, and regulatory bodies has been met.

The present code is the result of a thorough revision of the code prepared and issued in 1918 by the Illuminating Engineering Society. A number of changes and improvements in lighting practice itself, since the 1918 code was issued, have made necessary its revision to conform with the best modern practice.

Considerable interest was manifested in the original code, as is evidenced by the fact that it was adopted shortly after its publication by the New York State Department of Education as a guide in planning the artificial lighting of school buildings in that state. The Industrial Commission of Wisconsin used it as a basis for the preparation of the Wisconsin School Lighting Code, effective 1921. Provisions of the code have been incorporated in building codes in several states and municipalities, and has led to marked improvements in school lighting throughout the country.

The new code differs chiefly from the old in being more specific. The illumination standards have been raised to conform with modern practice; specifications of definite requirements under the glare rule have been included; a limiting ratio of maximum intensity to minimum intensity in class rooms has been included in the rule relating to distribution of artificial light; reflection-factors have been specified in the rule relating to color and finish of interior; the rule relating to exit and emergency lighting has been amplified and a rule relating to the illumination of blackboards has been added.

The rules themselves are clear and concise, occupying less than four pages. They are followed by a non-technical discussion of the importance of compliance with them, and directions for carrying them out. These are accompanied by simple diagrams, illustrations of good and bad lighting, etc.

The present code was developed and adopted by unanimous action of a large and representative sectional committee made up of official representatives of the technical, educational, and industrial organizations concerned, acting under the leadership of the Illuminating Engineering Society, and the American Institute of Architects.

LEGAL DECISION

Where work had been abandoned by a sub-contractor on construction work, for which payments were to be made upon application of contractor and certificate of architect, and certificate covering amount still due sub-contractor was delivered at time of or prior to service of stop notices by persons furnishing services or materials to sub-contractor, the rights of such persons under such notices thereafter served, and possibly one served on same day, were gone as against contractor finishing sub-contract at loss.—George A. Mills & Co. vs. Hegeman-Harris Co., Court of Errors and Appeals of New Jersey, 125 Atlantic 127.

CHAS. PETER WEEKS HONORED FOR AUSTRALIAN BUILDING DESIGN

Seven thousand miles from the corner of Fifth and Mission streets, San Francisco, where the new Chronicle building lifts up its tower and minarets in symmetry and beauty, the great commonwealth of Australia has paid tribute to the man by whose genius it was created—Charles Peter Weeks, San Francisco architect.

From the office of the Department of Works and Railways, "on his majesty's service" in Melbourne, Weeks has received notification that he heads the list of six architects in all parts of the world, each of whom has been awarded a prize of \$500 in a competition for plans for the proposed \$5,000,000 House of Parliament at Canberra, Australia.

Following the official government letter awarding him the first prize for his work, Weeks received a missive from Philip E. Hudson, president of the Royal Victorian Institute of Architects at Melbourne, congratulating him upon the excellency of his designs.

The letter read in part:

"Recently, at a private view, I was privileged to look through your sketches for the proposed competition in connection with Parliament House at Canberra, Australia. Might I be allowed to congratulate you on the remarkably thorough and able manner in which you commenced to work up this fated project?"

"In common with others, I am of the opinion that your sketches, especially your rough sketches, are very interesting indeed."

Weeks is a member of the firm of Weeks & Day.

From the nature of the missives it is understood that, as yet, no final plans for the Parliament building at Canberra have been selected.

ROBERT GREIG IS NAMED STATE HOUSING CHIEF

Announcement is made of the appointment of Robert Greig of Berkeley to be director of housing under the State Immigration and Housing Commission.

Greig will take office September 1, succeeding E. C. Bangs, the present occupant. Bangs is associated with John Galen Howard, San Francisco architect. He is retiring to devote him time to private business.

The newly appointed official is familiarizing himself with the duties he will assume on September 1. Although Greig has no concrete plans for changing the administration, he said that he was formulating a program by which he hopes to increase the efficiency of the commission.

Greig was formerly Building Inspector of Berkeley.

\$36,802,484 TO BE EXPENDED FOR IRRIGATION PROJECTS

Figures compiled by the State Division of Water Rights show that \$36,802,484 will be expended during 1924 in the construction of irrigation and water conservation projects which have been started since January 1 of this year.

The projects under construction involve a larger area than in past years, although the number approved by the division engineers is not as great as in other years. Aside from the cost, the figures of the division show that the project under way will require 12,912 cubic feet per second of water, a total appropriated acre feet per annum of 3,669,018 and a total acreage area of 2,354,449.

The figures for 1923 reveal that 398 applications were received, requiring 21,810 cubic feet of water per second, 8,164,106 acre feet per annum of storage and involved 1,576,979 acres.

Builders' Day Outing Draws 5000—Biggest Event Staged

BY THE OBSERVER

The 1924 Builders' Day Outing at Casa Del Rey, Santa Cruz, is a happening of the past—but a happening that will go down in history as one of the biggest events staged by the construction industry on the Pacific Coast.

Three days—August 30, 31 and September 1. Three days of continuous pleasure. Every available moment was taken up by some unit of the lengthy program. Games and sports for the kiddies, sensible pleasures and an abundance of laughs for the older folks.

Swimming, boating, dancing, all character of water sports, athletic events, a variety of comedy surprises and some hundred thousands of dollars of amusement concessions at the Casino tendered to make the three-day festival a never-to-be forgotten week end trip.

Conservative estimates place Builders' Day attendance at five thousand persons. People from every section of the state and particularly from the San Joaquin Valley, the Santa Clara Valley, San Francisco and the East Bay sections attended.

Members representing various Builders' Exchanges in Northern and Central California sections were on hand in big numbers.

Paper in quantity is not available nor ink manufactured that would permit publication of a complete story on Builders' Day doings.

More than two thousand dollars in prize awards were made, the prizes ranging from a carload of sand to a tombstone and from a bottle of grape juice to a box of golf balls.

However, in making the rounds with George Dixon, the official announcer, Elmer Gallagher and Jack Twyford, between the four of us we gathered the following information:

Boxing Contest Off

Brickley refused to go ten rounds with Downey as he lost his horse shoe. Hence, Downey was given the decision but not the watch. The latter will be installed in the Ferry Tower.

The Ladies Nail Driving and Erick laying Contests caused so much laughter and excitement that we were unable to find out who won these events.

Kiddies' Banquet

The Kiddies' Banquet went over big. Scotty Butterworth and Elmer Gallagher doing the clown stuff, made this affair a big success. The Mothers' Committee did effective work in this event and the kiddies departed from the banquet feeling better and with a handful of toys and goodies.

Tennis Match

Charley Gompertz challenging E. J. Cardinal won the tennis tournament. Cardinal, being left handed, played with a right hand racket, hence, Charlie won the match.

Ralph McLeran, the future mayor of San Francisco, assisted by Billie George kept the Mayor of Santa Cruz busy answering questions as to Ralph's morality campaign which he plans to open in the early future. Ralph got some good tips and will probably use them in his fight.

A. Von Hooydonk called in his searching party Monday at 6 P. M. Van lost his hat while suffering from an attack of sea-sickness.

Charlie Holloway Jr., is still in Santa Cruz. Charlie likes the place and will return when the storm is over. Will Charlie, on his return, advise why Jack Bender was sent to Room 216?

Munson Loses Voice

Charlie Munson had a bad trip. First he slipped and cracked his voice and then tried to shave—lathering his face

with tooth paste. As a final he had a blow out on the return trip, his car leaving the road and going into a ditch. However, good luck was with him, for Bill Simpson came along and picked up Charlie and his wife, the only occupants in the damaged car.

Chris Hillard, as singer, just won't do. Chris certainly was not in line when the boys were telling everybody that "It Ain't Gunna Rain No More."

Broed Rue spent considerable time attempting to locate Jack Long Saturday night. We wonder if Mrs. Long located her missing mate?

Twyford on Job

Jack Twyford, assisted by Elmer Gallagher, maintained the "Hospitality Bungalow" in Cottage City. Jack had a mat at each door with the sign "welcome" in ten inch letters.

Eddie Boyden of the Chronicle staff developed his write-up pep in Steve Guerin's auditorium. Between Guerin and Boyden everybody in Santa Cruz became acquainted.

Scotty Winchloe, the singing plasterer from Richmond, responded every time he was called—and Scotty was called very often.

Herman Rahlman, as a judge, makes good. He recommended the awards in the Ladies' Nail Driving Contest which closed without an argument.

Scotty Butterworth, Elmer Gallagher, E. J. Cardinal and Charlie Gompertz offered a "hoarse" song in the hotel lobby which met the approval of everybody without hearing distance.

Whirlwind Feary

Billie Feary did his stuff—and in first class style. Bill was as busy as a doctor in a "flu" epidemic.

Bob Johnston, secretary of the Plasterers' Association, played host for everybody within calling distance.

Pratt Sends Wire

Sandy Pratt, originator of Builders' Day, wired from Sacramento telling the boys why he could not attend the outing. Sandy expressed his desire for a 100% attendance. The boys responded with "For He's A Jolly Good Fellow."

N. A. Dickey and his staff were doing their best. Calls to their headquarters were fast and often.

Tommy Butler did some very effective committee work. Tommy worked the program from four corners.

Steve McPherson who hails from Berkeley was interested in the Golf Tournament but put in most of his time at the Bathing Revue.

Black Jack Hammond put in considerable time watching the weenies on the beach.

Mike Gnecco has his suit case packed and is ready for the next outing.

Russell on Job

C. Russell, who throws Stockton Fire Brick for a living, covered every inch of ground at Santa Cruz. Russell saw it all and admits it was a great party.

Al White had a "shower" in his room which was in constant use.

Joe Odgers covered all the ground that could be covered at Santa Cruz. Joe had the password to every "shower" room in the hotel and kept the aisles clear of traffic.

Slim Jim Fennell was selling tickets to permit the holders to view the permanent waves from the Casino ballroom.

Charlie McTavish and Jack Long did their stuff for Sandy Pratt's organization.

Pat Brickley has gone into training for the 1925 Builders' Day Bout.

Sam Bowles journeyed to Santa Cruz to see who won his ten minutes.

Charlie Holloway Jr. was on the job with a new vest and 1-A-Rib.

Klaude Hoffmeyer was on the

"Heavyweight Committee" Charlie was responsible for the address.
Joe Makin, who built from Oakland, represented the J. J. Kennedy company at the outing.

SHEETROCK TILE BOARD IS NEW DEVELOPMENT

Sheetrock Tile Board is a new development announced by the United States Gypsum Company. It consists of slabs of gypsum wallboard, $\frac{3}{8}$ inch thick, 4 feet wide and 6, 7, 8, 9 or 10 feet long. It is impressed to represent ceramic tile of the standard size, 2 $\frac{1}{2}$ by 5 inches, and is to be finished with enamel. It is designed for wainscoting or entire walls in kitchens, bathrooms, lavatories and laundries in dwelling houses or for other places such as dairies, doctors' and dentists' offices, restaurants and barber-shops where tile is required.

Sheetrock Tile Board is nailed horizontally to the studding or over the old wall. The various lengths make it possible in most cases to fit the space with one board so that the joints are made in the corners; in other cases, the joints as well as the nailheads may be offset with Shetrock Finisher. The tile board surface then is primed with a mixture of equal parts of a good varnish and flat paint of a color similar to that desired for the completed job. When this is dried, it is smoothed down with sandpaper. Then two coats of flat paint of the desired color are applied and, when they have dried, the surface is enameled.

This costs less than one-fourth of the cost of ceramic tile and, because it is a large-unit material, is economical in application. It produces a washable, sanitary, permanent surface indistinguishable from ceramic tile. Because it is made of gypsum rock, it will not warp, bulge or crack. It is fire-resistant and an insulator. It is suggested as especially valuable in communities in which mechanics working in tile setting are not to be found. It possesses all the qualities of the standard Shetrock wall board, including the square, fibre-bound edges. Specifications for the use of Shetrock Tile Board are provided, on request, by the manufacturer, the United States Gypsum Company, 205 West Monroe street, Chicago, Illinois.

IMPROVED HIGHWAYS YIELD 100% RETURN ON INVESTMENT

The state highway department of Missouri has compiled data which shows that it costs motor vehicles of that state an average of 2½ cents per mile less to travel over modern highways than over unimproved Missouri roads. They estimate that this means an annual average saving of \$125 to each motor vehicle in the state.

"If improved roads render an equal saving in California," says A. E. Loder, highway engineer of California State Automobile Association, "and it is safe to say that the saving in this state is as great as it is in Missouri, the figures of the Missouri engineers applied to our 1,200,000 motor vehicles represents a saving of \$150,000,000 annually. Figuring that even one-half of our automobiles utilize the improved roads of the state highway system, the saving totals \$75,000,000 annually—or the saving in a single year of an amount greater than the total of California's state highway bond issues.

"When California borrowed money at the rate of 4½ per cent interest for the building of its state highway system, the most enthusiastic promoters did not dream that its 4½ per cent money would be invested in an enterprise that would declare 100 per cent dividends annually."

No Depression in Construction Industry—National Survey Shows

What is the status of the construction industry? This is an important question right now, especially in view of the fact that in many lines of industry, business so far this year falls far short of that of last year. Another important factor to be considered is the bearing that construction has on business conditions generally, inasmuch as it is the second largest industry in the country.

The question may best be answered by a careful analysis of conditions in a number of widely scattered communities and for the purpose of comparison, twenty typical cities are taken, representing the various sections of the country.

According to the National Association of Building Trades Employers building permits issued in these twenty cities during July of this year amounted in round numbers to 139 million dollars, while the June valuation amounted to 170 million, a decrease of 31 million. However, New York and Chicago alone are responsible for this difference. Permits issued in the five boroughs of New York amounted approximately to 40 million dollars in July and 58 million in June. Chicago permits amounted to approximately 19 million dollars in July and 34 million in June. These two cities therefore are responsible for a decrease of 33 million dollars, which means that the total value of permits issued in the other eighteen cities was approximately the same for the two months.

A study of figures for this same group of twenty cities over the first seven months of this year shows that the total value of permits issued exceeds that of last year for the same period by about 89 million dollars. If business keeps up during the last five months of the year, and there is every

reason to believe that it will, the total volume will greatly exceed that of last year, which in itself was a record breaker.

The figures for July in twelve of the twenty cities show an increase over June, and the remaining eight show a decrease which with the exception of New York and Chicago is very slight. Over the longer period taking in the first seven months of the year, eleven cities show an increase over last year, and the other nine register a decrease. New York has the biggest gain in this period, the total value of permits issued in the five boroughs from January 1, 1924 to August 1, 1924 being \$585,760,152 as opposed to \$477,224,085 for the same period last year, an increase of approximately 108 million dollars.

Chicago on the other hand presents an entirely different picture; the total value of building permits issued there during the first seven months of this year being \$179,510,270 as compared to \$204,887,112 for the same period last year, a decrease of \$25,376,842.

The other eight cities registering a loss are Los Angeles, Atlanta, Indianapolis, Minneapolis, Kansas City, St. Louis, Philadelphia, and Pittsburgh. The cities which show a gain during the first seven months of this year over the same period in 1923 are in addition to New York: San Francisco, New Orleans, Baltimore, Boston, Detroit, Buffalo, Cleveland, Dallas, Seattle and Milwaukee. Of these Detroit shows the greatest gain, in that the value of permits issued there during the period from January 1, 1924 to Aug. 1, 1924 exceed that of last year by \$26,136,275.

The following table lists the ten cities of the United States having the greatest valuation in building permits for the first seven months of this year:

	1st 7 Months 1924	1st 7 Months 1923	Increase	Decrease
New York.....	\$585,760,152	\$477,224,085	\$108,536,067	
Chicago.....	179,510,270	204,887,112		\$25,376,842
Detroit.....	99,299,884	73,163,609	26,136,275	
Los Angeles.....	90,428,520	108,972,458		18,543,938
Philadelphia.....	83,731,010	86,525,250		2,794,240
Cleveland.....	38,219,990	37,128,690	1,091,300	
Baltimore.....	34,346,460	29,639,192	4,707,268	
Boston.....	32,363,416	26,090,706	6,272,710	
San Francisco.....	30,146,136	27,267,307	2,878,829	
Washington, D. C.....	26,292,544	32,916,854		6,633,310

Suit for Accounting of Lumber Plant Sale is Opened

G. H. Ward, former president, manager and majority stockholder in the Ward Lumber Company of Modesto, now engaged in the lumber business at Santa Rosa, has brought suit in the superior court at Modesto against H. L. Say, T. H. Kewin and E. C. Peck, principal owners of the Kewin Lumber Company, and the United Bank & Trust Company for an accounting of the transaction which transferred ownership of Ward's interests in the company and some personal property to the three first named defendants in May, 1923.

According to claims made by Ward in his complaint, he is asking for approximately \$75,000.

Ward alleges he entered into a contract with the defendants in May, 1923, to sell stock in the Ward Lumber Company, the Falconbury Lumber Company, and the United Bank & Trust Company, also all his interest in a

ranch near Modesto and an automobile. He owed the lumber company \$112,000, the United Bank & Trust Company, \$30,000, and T. H. Kewin, \$2000. All held securities on the loans, Ward claims.

The defendants, according to the complaint, agreed to pay Ward the book value of his stock as shown by an inventory. He now alleges they sold the property first and then took an inventory and refused to make a payment. In addition, Ward claims, they took 80 shares of stock in the lumber company, valued at \$105 a share, which was not assigned to them.

Ward asks an accounting and his demands total about \$75,000. He is represented by Attorney Stanley Pedder, San Francisco, attorney, and Attorney E. H. Zion, of Modesto.

The bank is named a defendant as it held the stock.

PUBLICATIONS

"The Proceedings of the American Concrete Institute," twentieth convention, 1924, Vol. XX, is just off the press. This volume of the proceedings contains a number of technical papers and discussions of interest to contractors, together with an account of the new specifications, tentative specifications, and recommendations of the institute, and other information of value. Information concerning these proceedings, as well as information concerning the institute, may be secured on application to the secretary, at 1807 East Grand boulevard, Detroit, Mich.

Jenkins Manufacturing Company, Bloomfield, New Jersey, has published the "Fountain" catalog No. 12 containing a partial list of electrical conduit boxes, water tight fittings, and other appliances which the firm manufactures. In addition to the articles listed, the firm has had experience in the manufacture of special fittings and appliances of many descriptions, used for electrical installation, in municipal and United States government construction, as well as for refineries and chemical and explosive plants, and in railway and marine work.

SIX PER CENT BUILDING LOANS ON PACIFIC COAST ANNOUNCED

"S. W. Straus & Co. loans on the Pacific Coast will be made at six per cent interest from now on, in keeping with a policy which general financial conditions led our New York office to adopt some weeks ago," is the announcement of W. K. Bowes, vice-president of S. W. Straus & Co. and Pacific Coast director of loans for that company.

"Call money rates, generally, are now as low, and in some cases are lower, than they were during the years when practically all of our loans were made at six per cent. Although our clients have been buying six and one-half and even seven per cent bonds of our issues for several years, the time has come when we must reduce the interest rate or lower the standards of security to which all Straus loans must measure up, and that is a policy this company will never adopt.

"The slowing down of new construction during recent months, particularly that which has to do with big buildings, has been due in a measure to the anticipation on the part of builders that such an announcement as this would be made and we believe that many such enterprises, much needed and promising profitable investment, will promptly be commenced."

GILBERT, NEW YORK ARCHITECT, RAPS TALL BUILDINGS

Cass Gilbert, famous American architect, and designer of the Woolworth building and many other world-known skyscrapers, does not admire skyscrapers.

Gilbert admitted this during a visit to London in connection with the International Congress on Architectural Education, at which he was a speaker.

"I am glad London has not taken to building skyscrapers," Gilbert said. "I doubt if they are of benefit anywhere. New York would be far better off if the buildings there were of a more moderate height."

"Concentration of high buildings mean overcrowded streets and congested traffic. One of New York's greatest problems is to take care of the ebb and flow of humanity that goes in and out at certain hours of the day."

Injunction Issued Blocking Merced Dam Cement Purchase

The injunction suit against the Merced Irrigation District to prevent fulfillment of the Pacific Portland Cement Company's contract to furnish cement for the building of the Exchequer Dam and the upper works of the proposed storage area, was sustained in a judgment rendered by Judge S. L. Strother of Fresno, who heard the case.

The suit was filed by Attorney Edward Treadwell from Frank Krejci, a taxpayer in the district, who claimed that prior to granting of the contract to the Pacific Portland Cement Company, all bids should have been rejected and new bids called for. Krejci stated in his suit that a lower price might have been obtained if new bids had been sought after the first bids had been rejected.

Under the original call for bids it was proposed to purchase 350,000 barrels of cement to be delivered at the rate of from 15,000 to 30,000 barrels each month, beginning about September 1.

The decision of Judge Strother granting the cement award injunction is in part as follows:

The only question to be considered is, whether or not the legislature has required the body to take certain steps as a condition precedent to entering into such a contract as this.

It has been argued that the great extent of the powers granted to the board should be considered as tending to show that it was not intended to limit them in their exercise. The powers are no more extensive than those granted to many like bodies unquestionably

limited in the manner or means of their exercise. It is admitted, for instance, that this board cannot, under the provisions of section 53 of the act, let a contract for construction without advertising for bids.

In the plans and specifications for the work adopted by the board, were included specifications for the cement. If proposition (a) has been accepted by the board, unquestionably the furnishing of the cement would have been part of the "work" for which the contract was let. Being part of the work in one respect it was of course, a part of it in all respects.

The Act that, after publication of notice and receipt of proposals, "the board shall let said work either in portions or as a whole to the lowest responsible bidder, or they may reject any or all bids and readvertise for proposals or they may proceed to construct the work under their own superintendence."

The conclusion seems to be irresistible that the legislature intended that if any part of the work was let upon contract pursuant to the published notice, the rest must be, either upon proposals received on the original notice or upon re-advertisement and that the board are only authorized to proceed independently in case they determine to do the whole work "under their own superintendence."

It follows that the injunction should be granted, and as it was stipulated that the case should be submitted for final determination upon this hearing, the injunction will be made permanent.

Judgment is ordered accordingly.

HIGHER GAS TAX ADVOCATED TO FINANCE HIGHWAYS

Unless some means of financing are devised, construction of new roads in California by the state must cease, Highway Commissioner Harvey M. Toy announces. Toy declares that the state's half of the present 3-cent gasoline tax is used wholly for maintenance and reconstruction, leaving nothing for new roads.

He suggested the raising of \$1,000,000 a month more by making the gasoline tax 3 cents and raising the automobile license from \$3 to \$8 or \$10, the entire sum to be spent in building new roads.

"The Highway Commission," he said, "is practically broke. The only work we are doing is in co-operation with counties and the Federal Government, where the cost of building is divided. On roads built by Federal aid the National Government pays for 59 per cent of the cost."

C. I. PIPE AND FITTINGS MANUFACTURED IN 1923

The Department of Commerce announces that, according to reports for the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of cast-iron pipe and fittings in that year reported such products valued at \$87,443,039, together with other classes of products valued at \$5,231,049, making a total of \$92,674,088. The rate of increase in the total value of products as compared with 1921, the last preceding census year, was 109.1 per cent.

Of the 74 establishments reporting for 1923, 33 were located in Alabama, 9 each in New Jersey and Pennsylvania, and the remaining 23 in California, Colorado, Indiana, Maryland, New York, North Carolina, Ohio, Oregon, Tennessee, and Virginia.

EMPLOYEES INSURED

Seventy-four employees of the Fairmount Wall Plaster Company of Clarksburg, Va., have acquired \$1,000 insurance each under a group arrangement for a total life protection of \$80,000. In addition to the life insurance, each employee when sick or injured will receive, under accident and health provisions of the policy, a payment of \$10 a week for a maximum of twenty-six weeks.

The policy was issued by the Metropolitan Life Insurance Company on a contributory basis whereby the Fairmount company and the workers jointly pay the premiums.

In addition to the actual insurance of the policy the employees will receive from the insurance company at frequent intervals its health and sanitation publications. They may also take advantage of the Metropolitan's free nursing service provided for certain classes of policyholders, if they reside in places where it has been established.

BUILDING COSTS DOUBLES IN TEN YEARS

"Building costs in the United States have doubled in the past ten years" is a statement made in a special report on the building situation issued by the National Industrial Conference Board. A chart illustrating the report shows that material costs since 1914 have risen much faster than building wages and total building costs. For a short period in 1922 material and labor costs ran together.

From the middle of 1922 material costs again ran ahead of wages, but at the beginning of 1924 material prices declined and wages rose till both had reached a common level about 100 per cent higher than in 1914. The report states that the labor shortage stands out as the most important factor in the construction industry today.

SPECIFICATIONS FOR GLAZING GLASS APPROVED

Information which is expected to prove of value to the purchaser of window glass is being furnished in a set of U. S. Government specifications recently issued by the Bureau of Standards, Department of Commerce. A classification of such glasses is given, together with complete data regarding the sizes and thicknesses of glass obtainable. A method of examining glass is given which enables one to identify the grades commonly used.

Best glass, the Bureau states, is practically never made and many defects can be prevented without destroying the utility or the good appearance of the window, provided the glass is properly selected so that slight imperfections are unnoticeable. Glazing glass of various qualities is selected from this point of view.

In the preparation of these specifications assistance and advice were secured from manufacturers and distributors of glass, and from representatives of the American Institute of Architects, the Federal Supervising Architect's Office, and from Sash and Door Manufacturers Associations. The information so gathered is expected to prove useful to the consumer, and helpful in protecting the honest manufacturer and dealer against those who misrepresent the quality of the glass they are selling.

These specifications are contained in Circular No. 164 of the Bureau of Standards. Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 5 cents, cash.

1923 FILE AND RASP OUTPUT

The Department of Commerce announces that, according to reports for the annual census of manufactures, 1923, the establishments engaged primarily in the manufacture of files and rasps in that year reported such products valued at \$11,361,939, together with other classes of products valued at \$256,629, making a total of \$11,618,568. The rate of increase represented by this total as compared with 1921, the last preceding census year, was 51.9 per cent.

The Coast Rock and Gravel Company of San Francisco contemplates early construction of a crushed rock plant at Roche, Tulare County, about seven miles east of Visalia, on the Southern Pacific Railroad. It is expected the plant will be in operation about February 1, 1925. Approximately \$250,000 will be expended in construction and equipment, according to reports. In addition to a rock plant at Piedra, the company operates sand and gravel plants at Fort Oakes, Greenville, Niles, Elliott, Marysville, Los Angeles and one at a point a short distance from Niles on the Western Pacific. The general offices of the company are in San Francisco. The officers are: F. N. Woods, Jr., president; Frank W. Erllin, vice president; and J. W. Riley, sales manager.

PRODUCING SYNTHETIC WOOD

Synthetic wood, made from sawdust, is now a regular product of the Wood Conversion Company, Cloquet, Minnesota. This product, made into boards four feet wide and sixteen feet long, comes in thicknesses of $\frac{1}{2}$ of an inch to $\frac{3}{4}$ of an inch. According to tests made, this material has a uniformity that is lacking in natural wood; it may be sawed, nailed, sanded, and finished like ordinary lumber.

Shafer Brothers' Planing Mill at Montesano, Wash., valued at \$750,000, was destroyed by fire, Sept. 1.

Road Expert to Survey Economic Value of Reinforcement in Pavements

Announcement is made by Chas. M. Upham, Director of the Advisory Board on Highway Research of the National Research Council, that Mr. C. A. Hogentogler of the U. S. Bureau of Public Roads, has been granted leave of absence in order to conduct for that Board a fact-finding survey of the economic value of reinforcement in concrete pavements. This survey is to be national in scope, and will be conducted in co-operation with agencies interested in this important subject. It is proposed to cover the various soils, traffic and climatic conditions throughout the United States.

Mr. Hogentogler has had fifteen years of experience in highway construction and highway research which well qualifies him to take charge of the present investigation. After graduation from the Pennsylvania State College, and a short period with the Pennsylvania Steel Company, he was with the Pennsylvania State Highway Department, followed by several years on street and road construction with the Borough of Columbia, Pennsylvania. For two years he was Assistant Professor of Civil Engineering at the University of Idaho. He was then engaged in research with

the U. S. Bureau of Standards, and finally with the U. S. Bureau of Public Roads in which organization he has been for the past six years.

During this period, Mr. Hogentogler has been actively engaged in a number of important highway researches. These include the first impact and water tests at Arlington Farms and the tests to determine the cushioning properties of tires now being conducted by the U. S. Bureau of Public Roads in co-operation with the Rubber Association of America and the Society of Automotive Engineers. In 1923 Mr. Hogentogler, as representative of the Bureau of Public Roads, conducted the study made in co-operation with the Advisory Board on Highway Research which resulted in the publication by the National Research Council of its Bulletin No. 35, entitled "Apparatus Used in Highway Research Projects in the United States."

Mr. Hogentogler is the author of a number of important research papers which have appeared in "Public Roads" and were reprinted in various technical periodicals. He is a member of the American Concrete Institute and an Associate Member of the American Society of Civil Engineers.

Less Cement Makes Stronger Road—State officials Declare

At the time of adoption of a new type of pavement for Washington state highways, a lengthy stretch was laid on the Pacific Highway in 1922 and 1923 and it is stated by officials of the Washington State Highway Department, that the new surface is 80 per cent stronger than the old type.

The state highway department now points out that less concrete is used under the new specifications and that the quantities of gravel, sand and steel now required in a mile of paving is of much interest. The highway department statement is to the effect that:

"The old style of paving was to lay concrete $7\frac{1}{2}$ inches thick in the center and 6 inches at the two sides. Exhaustive tests show that greater strength is given by paving 6 $\frac{1}{2}$ inches thick in the center and 9 inches on the sides. Slabs of concrete are joined in the center by shear bars of steel that expand and contract with weather changes exactly as does concrete. On the road the pavement begins to thicken 2 feet from side increasing until a full nine inches is provided.

Under the old paving, the old style required 3,698 barrels of cement per mile; the new type takes 3,667. For

the same pavement 1,100 cubic yards of sand and 1,628 cubic yards of gravel are required. Of shear bars, 5,834 pounds are used.

"There is a great deal of loose talk about cement and concrete, even some glues used in mending dishes being termed cement. In fact, the material that goes into road work or building is the only true cement.

"There are two kinds of cement: natural and manufactured. The natural cement found in rock deposits, burned and ground in before using, has little strength and is no longer used.

"All manufactured cement is 'Portland cement,' though a great many people assume that 'Portland' means a town where it is manufactured or sold. Three ingredients are necessary for Portland cement manufacture: limestone, aluminum clay and magnesium. There is comparatively little clay in this state suitable for the manufacture of cement. In Oregon clay and limestone deposits are widely scattered and long hauls of raw materials are necessary. Illinois, as an example of a favored state has vast deposits of limestone and shale even close to big trade centers."

ANTI-SMOKE MEET SCHEDULED

A meeting of a number of manufacturing concerns and organizations interested in the anti-smoke ordinance introduced in the San Francisco Board of Supervisors by Supervisor Margaret Mary Morgan will be held shortly under the auspices of the industrial department of the San Francisco Chamber of Commerce. F. T. Letchfield, director of the Chamber's industrial department, has written officials in New York, Chicago, Pittsburgh, Detroit and a number of other large eastern cities asking for the copies of the ordinances that govern the smoke nuisance in those cities. The forthcoming meeting will be attended by industrial and plant engineers and it is hoped that as a result of the conference an ordinance

that would overcome some of the features objected to in the ordinance now before the supervisors will be agreed upon. The California Development Association and the Southern Promotion Association will take part in the conference.

ZINC PRODUCTION DECLINES

Production of zinc during July totaled 85,826,000 pounds, representing a slight decline from the preceding month and a year ago. Stocks of zinc increased over June holdings and were more than double the holdings on August 1, 1923. Zinc retorts in operation on August 1, 1924, totaled 71,827, as against 75,155 on July 1 and 82,075 a year ago.

Building News Section

APARTMENTS

Low Bidder.
APARTMENTS. Approx. \$160,000
SAN FRANCISCO, Nob Hill.
Nine-story class A community apartment.

Owner—Withheld.
Architect—Carl Werner, Santa Fe Bldg.
San Francisco.
Low Bidder—J. Martinelli, 180 Jessie St., San Francisco.

Completing Plans.
APARTMENTS. Cost \$75,000
SAN FRANCISCO, S O'Farrell W. of
Hyde Street.
Five-story and basement reinforced
concrete apartment house.
Owner—F. W. Bottendorff.
Architect—August G. Headman, 74
New Montgomery St., San Francisco

Sub-Contract Awarded.
APT. HOUSE. Cost, \$60,000
OAKLAND, 15th and Madison Sts.
Three-story class C brick apartment
house.
Owner—Coit Investment Co., 306 14th
St., Oakland.
Architect—Leonard H. Ford, 306 14th
St., Oakland.
Terra cotta awarded to N. Clark and
Sons, 116 Natoma St., S. F.
Structural steel to The Judson Mfg. Co.
819 Folsom St., San Francisco.

Sub Bids Being Taken.
APT. HOUSE. Cost, \$50,000
OAKLAND, NE Cor. San Pablo Ave. &
Stanford St.
Two-story brick store and apartment
house.
Owner—I. A. Beaudry & C. Brennan.
Architect—Hutchinson & Mills, 1214
Webster St., Oakland.
Contractor—M. Allen, 346 Walsworth
Ave., Oakland.

Plans Being Figured.
APT. BLDG. Cost, \$35,000
SAN FRANCISCO, Chestnut west of
Gough.
Three 2-story frame apartment bldgs.
Owner—Withheld.
Architect—Edw. Eames, 454 Calif. St.,
San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, \$25,000
SAN FRANCISCO, W of Divisadero.
2½-story frame and stucco and brick
veneer apt. bldg. (5 apts 4 rooms
each).
Owner—Withheld.
Architect—Wm. F. Gunnison, 57 Post
St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$10,000
OAKLAND, SE Cor. 85th Ave. and E-
14th St., Oakland.
Two-story 12-room frame apartment
building.
Owner—W. R. McCollough, Cor. 85th
Ave. and E-14th St., Oakland.
Contractor—John L. Easterly, 2137 Tif-
fin Road, Oakland.

Plans Complete.
APT. BLDG. Cost, \$11,000
OAKLAND, S Hillsborough Ave. 160
E Wesley Ave.
Two-story 12-room frame apartment
building.
Owner—E. W. Woodard, 435 Merritt
Ave., Oakland.

ALHAMBRA, Los Angeles Co., Cal.—
R. R. Nehls and W. G. Watkins, 520 I.
W. Hellman Bldg., are taking plans for
a four-story Class D apartment build-
ing on Palm Ave. opp. city park, Al-
hambra. It will contain 48 2 and 3-
room apartments. Extreme dimensions,
100x150 ft. Lac-tile (cement tile) walls,
stucco exterior, tile and composition
roof, electric elevator, refrigeration

plant, steam heat, wall beds, tiled
baths, hardwood floors, court with
fountains, etc. Estimated cost, \$200,-
000. Work to be started in 60 days.
Plans by Wright & Harper, 125 W.
Main St., Alhambra.

BONDS

MODESTO, Stanislaus Co., Cal.—Su-
pervisors sell \$8000 bond issue of Shi-
loh School District for premium of
\$141.80; proceeds to finance remodeling
the present school.

BERKELEY, Alameda Co., Cal.—City
library trustees recommend to city
council bond election for \$100,000 to
finance addition to main library at
Shattuck Ave. and Ktridge St.

CHURCHES

Sub Contract Awarded.
ROOFING. Cost, \$12,750
SACRAMENTO, 11th & K Sts.
No. 150 rough cast asbestos shingle
and Underwriters class B asbestos
roofing for Cathedral building.
Owner—Rev. P. J. Keane, Roman
Catholic Bishop, 2030 M St., Sacra-
mento.
Contractor—Larson Roofing & Supply
Co., 1015½ Tenth St., Sacramento.

CALPELLA, Mendocino Co., Cal.—
Crawford and Baker, Ukiah, at approx.
\$10,000 awarded contract to erect
Catholic church at Calpella and paroch-
ial residence building at Hopland.

LOS ANGELES, Cal.—Architect
Carleton M. Winslow, 921 Van Nuys
Bldg., is preparing plans for a new
church and Sunday school building to
be erected at the corner of Vernon and

Boiling Aves. for the Vermont Square
Methodist Episcopal Church. There
will be an auditorium and balcony to
seat about 650 people, classrooms,
social hall, kitchen, gymnasium, etc.
Reinforced concrete construction, the
auditorium section will be 98x12 ft.,
and the classroom section will be 52x
150 ft., 3-story and basement, plaster
exterior, tile roofing, hardwood, ce-
ment and pine floors, art glass, storage
water heater, hardwood and pine trim,
tile and marble work pipe organ, Cose-
x100,000. Escherich Bros., 234 W 37th
St., have the general contract.

FACTORIES & WAREHOUSES

Sub Figures Being Taken.
WAREHOUSE. Cost, \$106,225
SAN FRANCISCO, Fifth and Bluxome.
Four-story and basement reinforced
concrete warehouse building.
Owner—Dohrmann Commercial Co.,
Stockton and Geary Sts., S. F.
Architect—Ashley & Evers, 58 Sutter
St., San Francisco.
Contractor—J. S. Sampson Co., Monad-
nock Bldg., San Francisco.

Completing Plans.
FACTORY BLDG. Cost, \$150,000
BERKELEY, 3rd and Bancroft Way.
Two-story reinforced concrete factory
building.
Owner—Premier Spring & Bed Co.
Architect—O'Brien Bros., 215 Mont-
gomery St., San Francisco.

Figures Being Taken.
MORTAR PLANT. Cost, \$12,000
SAN FRANCISCO, De Haro & Division
Streets.
Four-story frame mortar plant.
Owner—Holmes Lime and Cement Co.,
425 Kearny St., San Francisco.
Architect—W. H. Crim, Jr. & Hamilton
Murdoch, 425 Kearny St., S. F.

Construction Under Way.
LAUNDRY BLDG. Cost, \$350,000
SAN FRANCISCO, NE Seventh and
Harrison Sts.
Two-story reinforced concrete laundry
building.
Owner—Ideal Laundry Co.
Designer—R. S. Gray.
Contractor—Woodfield & Weinstein,
Alexander Bldg., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$21,000
OAKLAND, NW Cor. Perry & Laguni-
tas Aves.
Three-story 21-room frame apt. bldg.
Owner—Mrs. Elwira Cordy, 456 La-
gunitas Ave. Oakland.
Architect—J. Smith, American Bk.
Bldg., Oakland.
Contractor—Alfred Peterson, 3918 Lin-
wood Ave., Oakland.

Plans Being Prepared.
FACTORY BLDG. Cost, \$40,000
SAN FRANCISCO NW Cor. 8th and Fol-
som Streets.
One-story fireproof factory bldg.
Owner—Diamond Patent Showcase
Co., Inc. 1625 Mission St., S. F.
Designer—James P. Shaffer, 987 Mis-
sion St., San Francisco.

Contract Awarded.
BUILDING. Cost, approx. \$40,000
SAN FRANCISCO, N Mission between 12th
and 13th Sts. through to Otis St.
Two-story class B reinforced concrete
wholesale building for plumbing
supplies.
Owner—Danzel-Moller Co., 556 Mission
St., San Francisco.
Architect—Willis C. Lowe, Monadnock
Bldg., San Francisco.
Contractor—Peter Petersen, Monad-
nock Bldg., San Francisco.
As previously reported, grading was
awarded to Farrar & Carlin 180 Jessie
St., San Francisco.

Material of Merit DOORS

Firedoors, Freight Elevator,
Garage and Warehouse Doors.
Fold-up-Doors, Tt-co-dors, Cobald-
dors, Wal-el-dors—St. Louis
Fire Door Co.

STORE FRONTS

The newest and most diversified
store front.—Security Metal
Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-
slipping flooring.—Irving Iron
Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

Sub-Contract Awarded
BLDGINGS Cost, \$60,000
GIANT CENTER Costa Co., Cal., 200
 acre tract.
 Construction of a group of about 20
 houses and outbuildings from build-
 ings with some new foundations
 (owner furnishes materials).
 Owner—Giant Powder Co., First Nail
 Road Bldg., S. E. and Grant, Cal.
 Mr. Stratton in charge at plant.
 Architect—Eng. Dept. of owner.
 Contractor—Geo. Anderson, 929 Frank-
 lin St., Oakland.
Excavating to E. E. O'Brien, Martinez.

FLATS

Plans Being Prepared.
FLAT BLDG. Cost, \$8000
SAN FRANCISCO, S Lincoln Way east
 of 21st Ave.
 Two-story frame and stucco flat bldg.
 Owner—Thomas Hamill.
 Designer—Milton Larsen.

Plans Completed.
FLATS Cost, \$28,000
SAN FRANCISCO, Marina District.
 Four two-story and basement frame
 flat buildings.
 Owner & Contractor—J. V. Campbell &
 J. M. Hooper, 1040 Bryant St., San
 Francisco.

Contract Awarded.
FLATS Cost, \$14,392
SAN FRANCISCO, S Green 208 E Bu-
 chanan.
 Two-story and basement frame flats.
 Owner—Wm. & Mary A. Reston, 1917
 Green St., San Francisco.
 Designer & Contractor—John Merz, 273
 Lily Ave., S. F.

To Be Done By Day's Work.
FLATS Cost, \$20,000
SAN FRANCISCO, Funston Ave. n of
 California St.
 Two-story frame and brick veneer
 residential flats and garage (2 flats
 of 7 rooms, 2 bathrooms each).
 Owner—Strand & Strand 163 Parnassus
 Ave., San Francisco.
 Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Contract Awarded.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, W Baker 125 S
 Fulton St.
 Two-story and basement frame flat
 building (2 flats).
 Owner—A. C. Reader, 1528 Fulton St.
 San Francisco.
 Contractor—Frank Antonioli, 3415 22nd
 St., San Francisco.

Contract Awarded.
FLATS & STORE Cost, \$11,070
OAKLAND, 5471 Claremont Ave.
 Two-story 6-room frame flats & store
 building.
 Owner—G. Repetto, 1015 University
 Ave., Berkeley.
 Contractor—M. E. Valente, 5215 Locks-
 ley Ave., Oakland.

GARAGES

Plans To Be Prepared.
AUTO BLDG. Cost, \$50,000
SAN FRANCISCO, Market St. near Van
 Ness.

Four-story class C auto sales and ga-
 rage building.
 Owner—Withheld.
 Architect—Smith O'Brien, Bankers
 Bldg., San Francisco.

**Sub-Contract Figures To Be Taken Next
 Week.**
GALVANIZED ETC. Cost, \$45,000
SAN FRANCISCO, O. O'Farrell and Park
 Streets.
 Owner—Monson Bldg., 231 Kearny St.,
 San Francisco.
 Architect—Fredson H. Jensen, 74 New
 Montgomery St., San Francisco.
 Contractor—Monson Bldg., 231 Kearny
 St., San Francisco.
 Lessee—Pacific Auto Motor Service
 Inc., 1452 Bush St., San Francisco.

MARYSVILLE, Yuba Co., Cal.—Mc-
 Daniel & Burrough, Marysville, award-
 ed contract to erect one-story frame,
 stucco and galvanized iron garage at
 620 Fifth street, for Thos. Mathews.
 Will cover area of 51 by 141 feet.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until 11 a. m.
 October 7, 1924, sealed proposals will
 be received by the U. S. Veterans Bu-
 reau, Room 791 Arlington Bldg., Wash-
 ington, D. C. for the construction of
 Administration Building, U. S. Veter-
 ans Hospital No. 85, Walla Walla,
 Washington. For further information
 see Official Proposal section this issue.

SAN FRANCISCO—Until Sept. 15, 12
 m. bids will be rec. by Supervising
 Sect., 402 Postoffice Bldg., Mission &
 7th Sts., to repair floor, roof, etc., of
 U. S. Appraiser's Building. See call
 for bids under official proposal section
 in this issue.

SAN FRANCISCO, Cal.—The follow-
 ing bids were received by Wm. Arthur
 Newman, supervising superintendent,
 402 U. S. Post Office Bldg., for furnish-
 ing and installing new light fixtures
 in Customhouse, San Francisco:
 Thomas Day Co., 725 Mission St.
 San Francisco \$943.50
 Dowd-Seid Elec. Co., Etc., 1023.00
 Brass & Bronze Lighting Fixture
 Company 1296.00
 Spencer Elec. Co. 1310.00
 The bid of Thomas Day Co. was rec-
 ommended to Washington, D. C.

SAN FRANCISCO—Until Sept. 25, 2
 p. m. bids will be rec. by Supt. of
 Lighthouses, San Francisco, to convert
 tender Sequoia from coal to oil burner.
 Further information obtainable from
 above office.

WASHINGTON, D. C. — Farrar and
 Carlin, 180 Jessie Street, San Francisco
 at \$13,120 awarded contract for excava-
 tion in rear of future warehouse at
 the Marine Corps Depot for Supplies,
 San Francisco.

VASHON ISLAND, Wash. — Until
 Sept. 24, bids will be rec. by Bureau of
 Yards and Docks, Navy Department,

Washington, D. C., for steel beacon
 towers at Vashon Island, Wash. Work
 is provided for under Specification No.
 5098. Deposit of \$10 required for
 specifications obtainable from Bureau.

TIBURON, Cal.—M. B. McGowan 150
 Jessie St., San Francisco, at \$28,987.
 Items 2 and 3, also accepted, awarded
 contract by Bureau of Yards and Docks,
 Navy Department, under Specification
 No. 500, for renewal of fender system
 at Tiburon, Cal. Time for completion
 120 days.

TIBURON, Calif.—Minneapolis Steel
 and Machinery Co., 1029 Chapman Bldg.
 Los Angeles, at \$17,573, time for com-
 pletion 150 days, awarded contract by
 Bureau of Yards and Docks, Navy De-
 partment, Washington, D. C., for coal-
 ing plant repairs at Tiburon, Calif.
 Work under Specification No. 4989.

HALLS AND SOCIETY BUILDINGS

Sub Figures To Be Taken Next Week.
ALTAIR BLDG. Cost, \$71,000
SAN FRANCISCO, China Town.
 Alterations to brick club bldg.
 Owner—Ming Yee Assn.
 Architect—Chas. E. Rogers, Phelan
 Bldg., San Francisco.
 Contractor—Barrett & Hilp, 918 Harri-
 son St., S. F.

Sub Contract Awarded.
STORE, ETC. Cost, \$80,000
SAN FRANCISCO E Jones 107-6 N Turk
 Three-story class C store, hall and of-
 fice building.
 Owner—Musicians' Union, 68 Haight St
 San Francisco.
 Architect—Sylvain Schnaittacher, 233
 Post St., San Francisco.
 Contractor—G. P. W. Jensen, 320 Mar-
 ket St., San Francisco.

Structural steel awarded to Central
 Iron Works, 2050 Bryant St., S. F.
 at \$3,354.
Electrical work to Atlas Electric Wks.
 185 Stevenson St., S. F., at \$1631.
Plumbing and heating to Scott Co., 243
 Minna St., S. F., \$6843.
Elevators to Spencer Elevator Co., 166
 7th St., San Francisco.

Contract To Be Awarded.
CLUB Cost, \$25,600
BERKELEY, Euclid Ave near Le Conte
 Three-story frame and stucco students
 club.
 Owner—Japanese Club.
 Architect—Masten & Hurd, 278 Post St.
 San Francisco.
 Contractor—J. P. Brennan, 2637 Durant
 St., Berkeley.

Plans Being Figured.
LODGE BLDG. Cost, \$55,000
SAN FRANCISCO, Ingleside Terrace.
 Three-story frame and stucco lodge
 building.
 Owner—Mt. Davidson Lodge No. 481.
 Architect—Jos. W. Stewart, 703 Market
 St., San Francisco.

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Phones Main 726-6223

Contract Awarded.
ADDITION Cost, \$19,939
 Alterations and additions to club bldg.
 Owner—Berkeley Country Club.
 Architect—W. H. Ratchiff Jr., Mercantile Trust Bldg., Berkeley.
 Contractor—Miner Co., 2332 Macdonald Ave., Richmond.

LOS ANGELES, Cal.—Engt. Service Co., 1316 Washington Bldg., has completed preliminary plans for a club bldg. to be erected at Hoover St. and Santa Barbara Ave. for the Exposition Park Swimming and Dancing Club; it will have a swimming pool, 60x118 ft., and a ballroom 65x118 ft., 2 stores, locker room, offices, balcony and gymnasium. Steel and conc. constr., 2-story and balcony, 138x120 ft., plaster exterior, art stone trim, plate glass, etc.; \$150,000.

CROCKETT, Contra Costa Co., Cal.—The following contracts were awarded by the Board of Supervisors for the construction of a memorial hall bldg. at Crockett, according to plans and specifications by A. A. Brown, designing and constructing engineer, 215 Market St., San Francisco.
General contract to Frank H. Cress, 150 Jessie St., S. F., \$7214.
Electrical work to Crockett Electrical Co., Crockett, \$1149.50.
Cornice work to W. Heidt Cornice Wks Co., S. F., at \$1725.
Brick to Hock & Hoffmeyer, 180 Jessie St., S. F., \$1795.
Painting to S. Kirkhouse, \$728.
Plastering and lathing to Wm. Makin, Crockett, Cal., \$4416.
Glass to Cobbleclick-Kilhe Glass Co., 666 Howard St., S. F., \$575.

HOSPITALS

Sub Contracts Awarded.
HOSPITAL BLDG. Cost, \$250,000
ALAMEDA, SW Willow and Clinton.
 Five-story reinforced concrete hospital building.
 Owner—Alameda Sanitarium.
 Architect—Edw. T. Paulkes, Crocker Bldg., San Francisco.
 Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Excavating to Arias Knapp Co., 351 12th St., Oakland.
Reinforcing steel to Gunn Carle Co., 351 12th St., Oakland.
Cement to Powell Bros., Haron and Pearl, Alameda.
 (35934) 1st report Sept. 16, 1923; 5th July 21, 1924.

SACRAMENTO, Cal.—The following bids were received by Harry W. Hall, county clerk, to erect power house and laundry building in connection with the county hospital building at Sacramento, Cal. Plans by Architect R. A. Herold, Forum Bldg., Sacramento:
 Fred H. Betz, 1831 Q St., Sacramento \$70,624
 William C. Keating 71,250
 William Murcell 72,747
 Campbell Construction Co. 73,500
 Frederick & Shannon 74,974
 Geo. D. Hudnutt 75,597
 Mathews Construction Co. 75,767
 Herndon & Finnigan 80,223
Installing Electrical Fixtures
 Scott Plumbing & Elec. Co., 421 J St., Sacramento \$1435.50
 J. C. Hohrecht 1808.25
 Roberts Mfg. Co. 1836.75
Linoleum
 Frazier Co., Sacramento \$5363
 Wilson Bros. 5939
 Van Fleet-Freear 5986.25

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Shades

Wm. A. Rapp Co., 1401 Front, Sacramento \$685
W. & J. Sloane 748
Kuepfer Bros. 739
 All bids taken under advisement.

SAN RAFAEL, Marin Co., Cal.—Dr. Chas. Marston, San Rafael associated with Dr. L. L. Stanley, Dr. DeLancy of San Anselmo and Mrs. Marion Kaufmann and Lena Russell, have filed articles of incorporation at San Rafael and plans early construction of a modern hospital in San Rafael to cost between \$75,000 and \$100,000. Will be Class A construction.

SAN FRANCISCO—Until Sept. 17, 3 P. M. bids will be received by Board of Public Works to furnish and install electrical fixtures in Relief Home Buildings; est. cost, \$20,000. Plans obtainable from Bureau of Architecture, 2nd Floor, City Hall.

BAKERSFIELD, Kern Co., Cal.—Nathan Dohrmann & Co., San Francisco awarded cont. at \$17,564.31 for supplying and erecting and other equip. for new Kern general hospital.

SANTA ROSA, Sonoma Co., Cal.—County Health Officer Dr. Samuel S. Bogle recommends to supervisors an appropriation in new county budget of \$100,000 to finance construction of a first unit for a new county hospital. A fireproof structure is contemplated.

SAN FRANCISCO—Until September 3, 3 p. m., bids will be received by Bd. of Public Works to erect relief home buildings. Estimated cost \$1,660,000. Segregated bids are desired for (1) general construction, estimated cost \$1,320,000; (2) plumbing and gas fittings, \$120,000; (3) mechanical equipments, \$150,000; (4) electric work, \$70,000. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall. John Reid, Jr., city architect.
 (43261) 1st report Aug. 8, 1922; 8th Aug. 15, 1924.

HOTELS

TUNA CANYON, Los Angeles Co., Cal.—Architect A. L. Acker, 442 Douglas Bldg., Los Angeles, is preparing plans for a two-story Bhutanesse tavern building in Tuna Canyon near Borwick Bhutanesse Village Co., 1 W. Hollman Bldg. There will be a number of single and double apartments, a large lobby, dance hall, dining room, bar, and kitchen, dimension, 120x70 ft., reinforced concrete walls to second floor, balance will be frame, composition and shakes roofing, tile baths and showers, hardwood floors, pine and hardwood trim. Cost, \$70,000. A number of cabins will also be erected.

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 LOS ANGELES

LOS ANGELES, Cal.—Architects Ed. Lynch & Rapp and George H. Bradshaw, 224 H. W. Hollman Bldg., have completed plans for a Class C hotel building to be erected on Wright St., between Pico and 11th Sts., for Mrs. Brax. It will contain 41 rooms with bath, baths and lobby. Brick walls, 3-story and basement, composition roofing, pressed brick facing, 50x125 ft. cement and pine floors, plate glass. Glow gas-steam radiators, storage water heater, pine trim, tiled baths.

LOS ANGELES, Cal.—W. Douglas Lee, 191 San Bldg., has the contract at \$115,100 for all work complete for erecting a four-story Class C hotel building on Alvarado St., between 6th and Orange Sts. for Fred Horowitz, Richard M. Bates, 1107 Brack-Shops Bldg., is the architect. Dimensions 50x180 ft., 110 rooms, 110 baths, brick walls, pressed brick facing, marble and tile work, composition roofing, pine trim, steam heating, elevator.

PISMO, San Luis Obispo Co., Cal.—W. J. Smith has general contract and Faustich Bros. brick cont. for 21-story brick hotel at Pismo Beach for Joseph Butler Bldg. will contain 25 rooms; \$20,000.

ICE AND COLD STORAGE PLANTS

OXNARD, Cal.—Union Ice Co. has started work on new ice manufacturing plant and two packing sheds; \$60,000.

POWER PLANTS

ANAHEIM, Cal.—City trustees call special election on Oct. 13, for voting on bond issue in sum of \$240,000 for building and equipping municipal power house.

LOS ANGELES, Cal.—\$16,000,000 bond issue to const. municipal elec. distrib. sys. carried by large majority. No statement given out as to apportionment of funds, although it is understood allotment will be made to 18 districts.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 12, bids will be rec. by dept. of pub. serv., 602 Pub. Serv. Bldg., for transformer oil dryer and filter complete. Jas. F. Vroman, secy.

LOS ANGELES, Cal.—Southern California Edison Co. has been granted 18 permits by state division of water rights for development of power sites west of south fork of San Joaquin river. After completion of the 13-mile Florence tunnel next year work on the 2 1/2-mile Pittman-Shaver tunnel will be started. Program calls for construction of at least ten new power houses and several dams over a period of 15 years. Total cost of the project, including work under way will amount to \$200,000,000.

LOS ANGELES, Cal.—City votes \$16,000,000 to extend and improve electrical distributing system of municipal bureau of power and light.

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GLENDALE, Cal. Filed in a m. Sept. 11 bids will be by city of Glendale for 142 2-light standards, one bid, wire etc. A 1 Van Ave. city clk.

SAN FRANCISCO, Trade Item Wks. 25. H. A. Thomas, Sr., San Francisco, awarded contracts to Pacific Gas and Electric Company for new aluminum pipe and steel work in connection with the Pitt River Power Plant No. 3 and for checkered plate flooring covering for the associated building at the Fresno gas plant. The total tonnage

structure Co. was \$1,531,400 and that of Edwards, Widley & Dixon Co. was \$1,552,528. C. W. Winslow, 921 Van Nuys Bldg., Los Angeles, is the architect.

HANFORD, Kings Co., Cal.—The following is a complete list of bids received by the Board of Trustees of the City of Hanford for the construction of a fireproof municipal auditorium according to plans and specifications by Architects Deas & Thayer, 626 Union St. Bldg., Fresno, Cal.:

Contract No. 1—Carpentry, etc.
Brindle & Bebeau, 3936 McKenzie Fresno.....\$42,386
Jolly & Jolly, Fresno.....45,341
D. Cahill, Lemoore.....45,600
Carl Nelsen, Hanford.....45,698
LoForti & Heffner, Fresno.....47,547
J. Frank Brown, Hanford.....47,850
McGinty Constr. Co., Fresno.....48,243
Fisher & McNulty, Fresno.....49,977
P. T. Wallstrum, Hanford (No. 1 and 5).....59,980
R. W. Brown Constr. Co., Madera, No. 1, 2, 3 & 5.....80,523
W. J. Ochs, Fresno (No. 1 to 6 inclusive).....99,409
W. G. Reed, Bakersfield (No. 1 to 5 inclusive).....109,306
Bids under advisement.

Contract No. 2—Brickwork
Paul Kinder, Fresno.....\$21,500.00
LoForti & Heffner, Fresno.....21,600.00
J. M. Brown, Fresno.....21,870.00
Fred Smith, Fresno.....21,900.00
D. A. Moore, Fresno.....21,997.50
Awarded Paul Kinder, 145 N Van Ness, Fresno.

Contract No. 3—Millwork & Glazing
Fresno P. M. Co., Fresno.....\$4984
Hollenbeck-Bush P. M. Co., Fresno.....5200
Central Calif. P. M. Co., Kingsburg 5432
Madary's Mill, Fresno.....6123
Bingham-Wenks P. M. Co., Fresno 6501
Awarded Fresno Planing Mill, 752 Monterey St., Fresno.

Contract No. 4—Plastering & Lathing
Fernandez & Sons, Hanford.....\$17,850
M. E. Summers, Fresno.....21,000
Awarded Fernandez & Sons, Hanford.

Contract No. 5—Painting
R. Zelinsky, San Francisco.....\$3190.00
J. E. Harrison, Fresno.....3224.00

Vail Brothers, Hanford.....3358.60
J. Streeter, Fresno.....3875.00
G. W. Attwater, Fresno.....4450.00
A. R. Nelson, Hanford.....6277.70
Awarded Vail Bros., Hanford, Cal.

Contract No. 6—Roofing
Fresno Roof & Paint Co., 493 Blackstone Ave., Fresno—asbestos, \$1811 comp., no bid.

E. H. Coffman Roofing Co., Fresno, asbestos, \$1924.60; comp. \$2164.20.
Fresno Sheet Metal & Roofing Co., Fresno—asbestos, \$1998; comp. \$2037.

C. E. McMullin, Fresno—asbestos, \$2,096; comp. \$2027
Valley Lumber Co. Fresno and Hanford asbestos, \$2286; comp., no bid

Bids under advisement.
Contract No. 7—Plumbing & Heating
Battle & Roberts, Hanford.....\$12,300.00
E. A. Newman, Fresno.....13,351.00
Barrett-Hicks Co., Fresno.....13,539.00
E. Magnuson, Kingsburg.....13,625.00
Harlock-Clough, Hanford.....14,194.24
Ford & Berry, Hanford.....14,322.55
Awarded Battle & Roberts, 207 E 7th St., Hanford.

Contract No. 8—Electrical Work
Electric Constr. Co., Fresno.....\$3175
add strips \$674; add dimmers \$485.
Robinson Electric Co., Fresno.....3400
add strips \$500; add dimmers \$775.
O. F. Abbott, Hanford.....3500
strips \$575, dimmers \$459.

Chas. Eymann, Madera.....1758
Bids under advisement.
Contract No. 9—Finish Hardware

Hanford Hardware Co., Hanford \$1724
Fresno Hardware Co., Fresno.....1674
Awarded Hanford Hardware Co., Hanford.

Plans Being Completed.
COMMUNITY HOUSE Cost, \$18,000
PIEDMONT, Alameda Co., Piedmont Park.
One-story frame community house. Owner—City of Piedmont.
Architect—Meyer & Johnson, 742 Market St., San Francisco.

Plans were originally prepared for addition and alterations to present building, but this idea has been abandoned and new plans call for an entirely new structure.

PUBLIC BUILDINGS

LOS ANGELES, Cal. Clinton Constr. Co., Stock Exchange Bldg. has been awarded a contract of \$1,411,100 for all work complete to erecting the new central library building at 5th St. and Grand Ave. for the Board of Library Trustees of the city of Los Angeles. The previous action of the board in awarding the contract to Edwards Widley & Dixon Co. was rescinded on motion from Clinton Construction Co. and the bids reconsidered. The contract was awarded on the original bid of \$1,350,000 with additions and deductions for the following alterations: (13) Omission of relief lines, deduct \$1250; (28) omission of coverings on certain return lines, deduct \$1000; (30) omission of trap and fresh air inlet on form sewer, deduct \$500; (40) using Otis elevators and book lifts, deduct \$5000; (42-b) Otis leveling device for freight elevators, add \$1200; (44) omit structural tile for rotunda floor, deduct \$2300; (45) structural steel joint for rotunda floor, add \$1200; (47) concrete for rotunda floor, add \$800; (47) painting underside of concrete floor in rotunda, add \$150; (48) change in waterproofing, deduct \$100; (41-A) automatic telephones, add \$8000; (51-c) electric wiring for basement fire stacks, add \$1250. On the basis of the laterations accepted the bid of Clinton Con-

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Plans Complete.
FIRE HOUSE Cost, \$8000
 BEIKLEY, Spruce and Arch sts.
 One-story frame and stucco fire house.
 Owner—City of Berkeley.
 Architect—James W. Plachek, 2144
 Shattuck Ave., Berkeley.
 Mr. Plachek has completed plans
 and has submitted them to city trust-
 ees for their approval.

SAN JOSE. Santa Clara Co., Cal. —
 Switzer and Baldwin Safe Co. at \$3600
 awarded cont. by county supervisors to
 fur. and install one double automatic
 burglar alarm system in county treas-
 urer's office. Bid of Butte Electric &
 Mfg. Co., San Francisco, at \$3000 not
 considered, not being in accordance
 with specifications.

VERNON, L. A. Co., Cal.—Until 10
 a. m., Sept. 16th, bids will be received
 by the board of trustees of the City of
 Vernon for erecting new city hall on
 4-acre site on Santa Fe Ave. near Ver-
 non Ave. Richard D. King, 519 Van
 Nuys Bldg., L. A., archt. The building
 will contain courtroom, offices, lobby,
 jail cells, police offices, living apt., fire
 engine quarters, and rooms and offices
 for firemen; brick walls, 2-story and
 basement, reinf. conc. work, gas hys-
 sys., press, brick and art stone facing,
 marble work, storage water htr., cem
 and hardwd. fls., pine and hardwd trim
 ornam. iron work; \$60,000.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, \$10,000
 BERKELEY, Alameda Co., Cal. No.
 2520 Cedar St.
 Two-story frame residence.
 Owner—H. O. Myhre, 1604 Oxford St.,
 Berkeley.
 Designer & Contractor—Geo. F. King,
 1541 Virginia St., Oakland.

To Be Done By Day's Labor.
RESIDENCE Cost, \$12,000
 SAN FRANCISCO, St. Francis Wood.
 Two-story frame and plaster 8-room
 residence and garage with tile
 roof.
 Owner—Mr. and Mrs. Louis F. Murray.
 Architect—Wm. F. Gunnison, 57 Post
 St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$50,000
 OAKLAND, SE Cor. Montecito Ave. &
 Bay Place.
 Two-story brick parish residence.
 Owner—Wardens & Vestry of St. Paul's
 Parish, Oakland.
 Architect—E. G. McDougall, 357 Sacra-
 mento St., Oakland.
 Contractor—Murch-Williams Co., Fox
 Theatre Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$7000
 OAKLAND, 4th Ave. Heights.
 One-story frame and plaster residence
 with tile roof.
 Owner—Mrs. R. C. Rehr.
 Architect—Miller & Wamocke, Perry
 Bldg., Oakland.
 Contractor—W. F. Woolley, 707 Adams
 St., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$25,000
 SAN FRANCISCO, S Chestnut 1544 E
 Leavenworth St.
 Two-story and basement frame and
 stucco residence.
 Owner—John Bakewell, 251 Kearny St.,
 San Francisco.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.
 Contractor—Geo. Wagner, Inc., 181 So.
 Park St., San Francisco.

Contract Awarded.
RESIDENCES Cost, \$6000 each
 SAN FRANCISCO, S Moncada 290 340
 390 E Junipero Serra Blvd.
 Three 1-story and basement frame
 residences.
 Owner—Urban Realty Imp. Co., 41
 Montgomery St., San Francisco.
 Designer & Contractor—Leonard and
 Holt, 41 Montgomery St., S. F.

Plans Complete.
DWELLINGS Cost, \$5000 each
 SAN FRANCISCO, E 19th Ave. 150 175
 W Quintara.
 Two 1-story and basement frame dwigs
 Owner & Contractor—J. C. Schmidt, 136
 Precita Ave., S. F.
 Designer—A. Schmidt, 136 Precita Ave.,
 San Francisco.

Contract Awarded.
RESIDENCE Cost, \$12,330
 SAN JOSE, 16th near William.
 Two-story 6-room frame residence.
 Owner—Newton Foster.
 Architect—Mitchell-Jackson Co., 170
 2nd San Mateo.
 Contractor—Geo. L. Honore, 156 Race
 St., San Jose.

Contract Awarded.
RESIDENCES Cost, \$6000 each
 SAN FRANCISCO, SW Holloway and
 Beverly St. and vicinity.
 Five 1-story and basement frame resi-
 dences.
 Owner—Urban Realty Imp. Co., 41
 Montgomery St., San Francisco.

Completing Plans.
RESIDENCE Cost, \$26,000
 SAN FRANCISCO, Ingleside Terrace.
 Two-story frame and stucco residence
 and garage.
 Owner—S. Crocker.
 Architect—Chas. E. Gottschalk, Chean
 Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$15,000
 MORAGA, Alameda Co., Lafayette Rd.
 Two-story and basement Spanish tile
 residence with terra cotta tile roof
 Owner—Dr. Alvin Powell, Walnut
 Creek.
 Designer and Builder—C. R. Hooke,
 Walnut Creek.

Contract Awarded.
RESIDENCE Cost, \$10,000
 SACRAMENTO, 1301 43rd.
 Two-story 10-room frame residence &
 garage.
 Owner—John T. Skelton, 1015 20th,
 Sacramento.
 Contractor—E. D. Brier, 2809 S St., Sacra-
 mento.



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 TO THE State Fair.
 AT SACRAMENTO.
 ON AUGUST 30th.
 TO SEPTEMBER 7th.
 DRIVE ONE mile.
 FROM THE State Capitol.
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 WHERE SANDY produces sand.
 FOR BRICK mortar.

AND PLASTERING
 AS WELL as concrete.
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 TO THE home.
 OF SANDY Pratt's plant.
 THAT PRODUCES crushed rock.
 AND WASHED gravel.
 AND YOU will see.
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 "I THANK you."



This sign guides the motorists and tells about the new rock crushing plant of Sandy Pratt, president of the Pratt Building Material Co., producer of crushed rock, clean, sharp sand, washed gravel and rock screenings.

Contract Awarded.
RESIDENCE Cost, \$10,700
SAN FRANCISCO, W. Guerrero 105 N 15th.
Two-story and basement frame residence.
OWNER—L. Brown, Los Angeles.
Contracted—Gibson Davidson, 683 9th Ave., San Francisco.

SAN FRANCISCO. J. E. Mason of the Clay Mason Company recently purchased a site in the new St. Francis Wood subdivision, St. Francis Plaza overlooking St. Francis Park and plans the erection of a Mediterranean style residence to cost approximately \$50,000.

PASADENA, L. A. Co., Cal.—Dick Foster, 633 N Fair Oaks Ave., Pasadena has the contract to erect a \$20,000 2-story 16-room frame dwelling at 1608 N Fair Oaks Ave., Pasadena, for K. J. Weber. Found. 44x100 ft., comp. rf., hardwd. fls., tile baths.

Contract Awarded.
RESIDENCE Cost, \$11,949
OAKLAND, 757 Rosemount Rd.
Two-story 7-room frame residence.
Owner—Jas. E. Calnes, 1st Natl. Bank Bldg., Oakland.
Contractor—H. C. Kidder, 1923 Francisco St., Berkeley.

To Be Done By Day's Labor.
RESIDENCES Cost, \$7,000 each
OAKLAND, Oakland Ave. and San Carlos St.
Three 2-story frame and stucco residences.

Owner—Harry P. Fischer, Syndicate Bldg., Oakland.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$20,000
ALAMEDA.
Two-story and basement stucco Italian type residence (10 rooms and 4 baths).

Owner—Mrs. S. J. Ackerman.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

LOS ANGELES, Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., has the contract to erect a 12-room residence, at 6336 Arbol Dr., for Mrs. Madeline Brandies. G. Albert Landsburgh, 700 Hill-street Bldg., archt. Frame constr., 40x20 ft., tile and comp. rfg., hardwd fls., gas unit hgt. sys., aut. water htr., tiled baths, plaster mantel, hardwd. and pine trim, retaining walls, enclosed patio, 2-car garage; \$25,000.

LONG BEACH, Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., are preparing plans and will erect a \$40,000 2-sto. 13-room frame Spanish dwelling on Treasure Island, Naples Bay, Long Beach, for Roland Swaffield. Stucco ext., tile rf., stone mantels, hardwd. fls., 4 tile baths, tile drainbd., unit hgt.

BEVERLY HILLS, L. A. Co., Cal.—Arch. Edward Cray Taylor and Ellis Wing Taylor, engr., 713 W 8th St., are preparing plans for a 9-rm. Italian residence to be erected at n.e. cor. Elvado Ave. and Rodeo Dr., Beverly Hills for R. C. Heinsch. Frame and plaster constr., 2-sto. and basement, tile and comp. rfg., hardwd. fls., 3 tiled baths, gas unit hgt. sys., aut. water htr., basement, Batchelder tile mantel, hardwd. and pine trim, garage.

BEVERLY HILLS, Los Angeles Co., Cal.—Architect W. Asa Hudson, Room 9, Woods-Beekman Bldg., Beverly Hills, is preparing plans for a one-story 7-room frame Spanish dwelling to be erected at 604 Bedford Dr., Beverly Hills, for Claude Gillingwater, motion picture director. Stucco exterior, tile roof, hardwd floors, tile baths and drainboards, stone mantels, unit heating.

BEVERLY HILLS, Los Angeles Co., Cal.—Architect W. Asa Hudson, Room 9, Woods-Beekman Bldg., Beverly Hills, is preparing plans for a two-story, 12-room frame Colonial dwelling to be erected on Palm Dr., Beverly Hills, for Conrad Nagel, motion picture star. Siding exterior, shingle roof, hardwd floors, 3 tile baths, tile drainboards, marble mantels, unit heating, hardwd. and enam. trim, cellar, laundry, double garage with servants suites.

BEVERLY HILLS, Los Angeles Co., Cal.—S. M. Benet & Co., 416 Beverly Dr., Beverly Hills, has the contract to erect a \$17,500, one-story 6-room frame dwelling at 803 Foothill Rd., Beverly Hills, for Alansen M. Hewes. Frederick L. Kennedy Jr. is the architect. Stucco and brick exterior, shakes roof, hardwd floors, hardwd and enamel trim, 3 tile baths, tile drainboards, unit heating, garage with servants apts.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., are preparing plans and will erect a \$30,000 2-story 13-room frame English dwelling on Treasure Island, Naples Bay, Long Beach, for Mrs. Morris. Brick veneer and stucco ext., split shingle rf., hardwd. fls., black walnut trim in lower fl., 3 tile baths, tile drainbd., stone mantels, unit hgt.

PASADENA, L. A. Co., Cal.—Daniel Whetstone, 1527 E Orange Grove Ave., Pasadena, has the contract to erect a \$42,700 2-story 15-room frame dwlg. and garage at 1000 San Rafael Ave., Pasadena, for Mrs. S. M. Bates and Miss E. Martindale. Joseph J. Kucera, 424 Braley Bldg., archt. Stucco exterior, shingle rf., hardwd. fls., tile hall and lining rm. fls., 5 tile baths, unit heating, retaining walls, garden pool, fountain, 3-car garage with man's apt.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., Long Beach, are preparing plans and will erect a \$35,000 2-story 12-room frame English dwelling on Treasure Island, Naples Bay, Long Beach, for Phil Swaffield. Brick veneer and stucco ext., split shingle rf., hardwd fls., black walnut paneling and trim in lower fl., 3 tile baths, tile drainbd., stone mantels, unit hgt.

LONG BEACH, L. A. Co., Cal.—J. D. Shercr, 1865 E Anaheim Rd., Long Beach, has the gen. contr. to erect a 16-room residence on E Ocean Ave., Long Beach, for W. T. Hales. Myron Hunt, 1107 Hilbernia Bldg., archt. Hollow constr., 2-story and basement, plaster ext., tile rfs., terrazzo color, awarded to Joseph Musto Sons—Keenan Co., 1064 S Broadway, wrought iron contract let to City Ornament Iron Wks., 755 E 15th St., and tile rfg. contract to Arthur Harris, 600 Metropolitan Bldg., for Gladding-McBean tile rfg.

SAN FRANCISCO, Cal.—D. C. De Graff, auditor of the Western Pacific Railroad has acquired a lot of 65 foot frontage in Santa Monica Ave., St. Francis Wood, and plans the erection of an English style residence. No architect has been selected yet.

SCHOOLS

Contract Awarded.
SCHOOL Cost, \$87,000
SAN FRANCISCO, E Dolores St., bet. 15th and 17th Sts.
Three-story reinforced concrete school
Owner—Notre Dame College, Premises.
Architect—Albert M. Cauldwell, 251 Kearny St., San Francisco.
Contractor—J. E. Bryant, 185 Stevenson St., San Francisco.

Plans To Be Refigured—Bids To Be Opened Sept. 5, 1924. Cost, \$—
SCHOOL
BERESFORD, San Mateo County, Cal.
Two-room frame school.
Owner—San Mateo School District.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
All bids received were rejected as being too high.

Bids To Be Opened 9 A. M., Sept. 12—Plans Being Figured. Cost, \$—
BUILDING
BERKELEY, University campus.
Frame and plaster bldg. for training quarters to be erected underneath memorial stadium.
Owner—University of California.
Architect—Jno. Galen Howard & Assoc. First Natl. Bank Bldg., S. F.
Bids will be received until 9 a. m., Sept. 12th at office of Comptroller, University of Calif. Plans and specifications obtainable from architect's office upon deposit of \$10.

HANFORD, Kings Co., Cal.—The following were low bids received by the Board of Trustees of the City of Hanford for the construction of a fire-proof municipal auditorium according to plans and specifications by Architects Coats and Traver, 626 Rowell Bldg., Fresno Cal.:
Carpentry, steel, concrete, etc. (low bidder) Brindel & Bebeau, 3936 McKenzie, Fresno, \$42,386.
Brick work awarded to Paul Kinder, 145 N Van Ness, Fresno, \$21,500.
Mill work and glazing awarded to Fresno Planing Mill, H & Monterey, Fresno, \$4984.
Plastering and lathing awarded to Fernandez & Son, Hanford, Cal., \$17,350.
Painting awarded to Vall Bros., 309 N Dooty St., Hanford, \$358.60.
Roofing (low bidder) Fresno Roof and Paint Co., 493 Blackstone, Fresno, \$1844.
Plumbing and heating awarded to Battle & Roberts, 207 E 7th St., Hanford, \$12,300.
Electrical work awarded to O. F. Abbot 318 Center St., Hanford, \$4570.
Finished hardware awarded to Hanford Hardware Co., 216 N Irwin St., Hanford, \$1724.



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Plans To Be Figured Next Week
GYMNASIUM BLDG. Cost, \$50,000
 POMONA, L. A. Co., Cal. — One-story brick gymnasium bldg. Owner—Pomona High School. Architect—W. H. Weeks, 369 Pine St., S. F. and Tribune Tower, Oakland and Robt. H. Orr, 1305 Corporation Bldg., L. A.

MODESTO. Stanislaus Co., Cal.—Until Sept. 12, 10 A. M. bids will be received by W. J. Elvin, clerk, Shiloh School District, for alterations to present school. G. N. Hilburn, architect, Sierra Bldg., Turlock. Plans check 5% payable to clerk req. from obtainable from architect or from clerk. Route 1, Box 371, Modesto. (Bonds of \$8000 voted to finance work.)

EAGLE ROCK. Los Angeles Co., Cal.—Ondorff-Gow Co., 351 N. Western Ave., have been awarded the general contract for erecting a dormitory building at Eagle Rock for Occidental College; Myron Hunt, 1107 Hillbarn Bldg., architect. Other contracts were awarded as follows:

Plumbing to E. O. Nay Co., at \$12,760. Heating to J. Hokom at \$3,112. Electric wiring to W. E. Magstaff at \$3000, and tile roofing to Arthur Harris at \$3500. The building will contain lobby, reading rooms, accommodations for 60 girls, maids' rooms, etc.; brick and concrete construction, two-story and basement, 378150 ft. of tile roofing, stucco and cast stone exterior, oak and pine trim, steam heating, tiled baths, elevator, wrought iron work.

LONG BEACH. L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W. Ocean Bldg., Long Beach, were low bidders on the gen. contr. at \$279,634 for erecting the junior high school bldg. at State and Gundry Sts. and Alamitos Ave., Long Beach. Other low bids were: A. Cretchman, plastering, \$17,430; W. B. Walters, painting, \$13,000; John M. Eustace, plumbing, \$17,800; Jensen Elec. Co., wiring, \$13,500; W. M. McArthur, heating, \$31,745. Davies & Dauncey, 1010 Farmers & Merchants Bank Bldg., Long Beach and Richard M. Bates, Brack Shops Bldg., L. A., assoc. archts.

SAN FRANCISCO.—Until Sept. 17, 3 P. M., bids will be received by Board of Public Works to furnish and install border lights in auditorium stage of Galileo High School, est. cost, \$1500. Plans obtainable from Bureau of Architecture, 2nd Floor, City Hall.

MADERA. Madera Co., Cal.—Until Sept. 10, 5:30 P. M., bids will be received by H. C. Austin, clerk, Madera School District, for following work:
 (1) Fur and install electric fixtures and lamps in west wing of Lintcomb school and in Manual Arts Bldg.
 (2) Fur and install one electric range in Manual Arts Bldg.
 (3) Fur and install necessary wiring, switches, etc., for complete range connections.
 Specifications obtainable from clerk.

SAN DIEGO. S. Diego Co., Cal.—E. L. Hardy, pres. state teachers college here, has made request for special appropriation of \$100,000 for industrial shop bldgs.

Res. Section Piedmont 482

M.J. MacDonough

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LOS ANGELES. Cal.—Chas. Olcester, Beaumont, was low bidder at \$79,200 on general contract for grammar and school at n.e. cor. McKinley Ave. and 79th St. Other low bids were: Plumbing to Ora King, 1142 E. 71st St., \$7289; heating and ventilating, John M. Eustace, 1246 E. 9th St., painting, Ellis Reed Studios, 2095 Highland Ave., \$2735; elec. wiring, American Elec. Const. Co., 757 E. 9th St., \$2778.50.

UKIAH. Mendocino Co., Cal.—Henry R. Clark, Hobart Bldg. (Lyon Mfg. Co.) San Francisco, at \$704.52 awarded contract by Ukiah Union High School District to furnish 32 steel lockers, 12x12x36-in., single row and 96 steel lockers, 12x12x36-in., double tier, double row. Other bidders, all San Francisco, were: Fred Medart Mfg. Co., \$883.60; Waterhouse Wilcox Co., \$846.80; George H. Trask (Durand Locker Co.), \$841.20; C. F. Weber & Co., \$836.65.

KELSVILLE. Lake Co., Cal.—The following bids were received by the Board of Education for the construction of a one-story reinforced concrete high school building according to plans and specifications by Architect W. H. Weeks, 369 Pine St., San Francisco, and Tribune Tower, Oakland: Montgomery Cobby & Owsley, 1200 Montgomery St., S. F., \$44,880; (1) ded. \$1350, (2) ded. \$2335, (3) ded. \$1180, (4) ded. \$425.

C. N. Basconr, \$48,968; (1) ded. \$1098, (2) ded. \$2100.
 West Coast Construction Co., \$45,349; (1) ded. \$1250, (2) ded. \$2850, (3) ded. \$1380.

The contract was awarded Cobby & Owsley on all propositions.

TUCSON. Ariz.—Superior Const. Co., Superior, award. cont. at \$63,000 for new high school at Superior, Pinal Co. Cont. does not include grading, which will cost \$20,000. Henry O. Jaastad, archt., 36 N. Stone Ave., Tucson.

REDONDO BEACH. L. A. Co., Cal.—Reed Bros. Constr. Co., 204 Wilshire Bldg., was low bidder on general contract at \$61,998 for 2-story 14-room grammar school bldg. to be erected at Redondo Beach for the Redondo City School Dist. Frank M. Goodwin, Compton, archt.

DINUBA. Tulare Co., Cal.—Until Sept. 16, 8 p. m., bids will be received by Dinuba Union High School District to erect frame building at high school grounds. Friend and Kimsey, architects, Dinuba. Plans on file in office of principal of school.

BANKS, STORES & OFFICES

Plans To Be Re-Figured. Cost, \$16,000
BRICK BLDG.
 DURLINGAME, San Mateo Co., Cal. One-story brick building.
 Owner—Daniels Bros.
 Architect—O'Brien Bros., 315 Montgomery St., S. F.

Sub Contracts Awarded.
STORE & OFFICE BLDG. Cost, \$25,000
SAN JOSE. Santa Clara near Market. Additions and alterations to 3-story brick store and office bldg.
 Owner—Grattan D. Phillips, 2260 Valjejo St., San Francisco.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.
 Plastering to Chas. Filippote.
 Sheet metal to Western Furnace and Cornice Co., 202 E. 4th St., S. F.
 Bids are being received on all other portions of work.

Completing Plans. Cost, \$10,000
STORE BLDG.
SAN FRANCISCO. Taraval w. of 19th. One-story frame store building.
 Owner—Mr. J. Hill.
 Architect—Edw. E. Young, 2002 Calif. St., San Francisco.

Sub-Figures Being Taken. Cost, \$225,000
ALTERATIONS.
SAN FRANCISCO. Bush and Sansome Streets.

Alterations to 6-story class A store and office building.
 Owner—Adrian Grant.
 Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
 Contractor—Lindgren & Swinerton 223 Sansome St., San Francisco.

Plans Being Figured. Cost, \$20,000
BANK BLDG.
SAN FRANCISCO. SE Twenty-third and Allston Streets.
 One-story reinforced concrete bank building, 30x20.

Owner—Liberty Bank, 918 Market St., San Francisco.
 Architect—H. Minton, Monadnock Bldg., San Francisco.

LOS ANGELES. Cal.—Winter Construction Co., 200 1/2 A. Broadway Bldg., was low bidder at \$17,740 on the general contract for erecting a Class A newspaper building on Trenton St. near newspaper for the Evening Herald Publishing Co. Morgan, Walls & Clements, 1124 N. Hollywood Bldg., are the architects. Other bids were: MacConnell & Driver, \$18,970; Westmouth & Well Co., \$19,700; Robert E. Millsap, \$19,900; Edwards, Wilkey & Dixon, \$20,000; J. A. Building & Contracting Co., \$20,000; Robertson & Evans, \$20,000; Lange & Bergstrom, \$21,000; R. H. Whitney, \$21,000; Havin & Burch Co., \$21,000; A. A. Laisy, \$21,500.

LOS ANGELES. Cal.—Architect Richard D. King, 519 Van Nuys Bldg., has completed plans for a store and loft building to be erected on Wall St., between 17th and 18th Sts., for Jimmy Murphy. Brick walls, 2 story, 12x125 ft., composition roofing, pressed brick facing, cement and maple floors, plate glass, gas radiators, steel shaft, metal skylights, pine trim.

Contract Awarded. Cost, \$14,000
STORE & OFFICE
OAKLAND. NW Cor. San Pablo Ave. and Stanford St.
 Two-story brick store and office building.
 Owner—Beaudry & Brennan, 606 25th St., Oakland.
 Contractor—Martin Allan, 346 Walsworth Ave., Oakland.

Plumbing & Heating Contracts Awarded.

BUILDING
SAN FRANCISCO. NE Post and Mason. Owner—Medico Dental Bldg. Corp., 301 First Natl. Bank Bldg., S. F.
 Architect—G. W. Kelham and W. G. Merchant, Sharon Bldg., S. F.
Heating and plumbing awarded to Turner Co., 272 Natoma St., at \$192,000.

FRESNO. Fresno Co., Cal.—Thompson Bros., Fresno, awarded cont. at \$8500 for excavating site for Radin & Kamp class A dept. store. R. F. Felchlin Co., architects.

Contract Awarded. Cost, \$12,000
STORES
BERKELEY. 2250 2270 Allston Way. (inclusive).
 Frame stores.
 Owner—H. Ramaccolotti, 2910 Telegraph Ave., Oakland.
 Designer & Contractor—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

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Sub. Contracts Awarded.
STORE & OFFICE. Cost, \$350,000.
 Five-story reinforced concrete store & office building.
 Owner—S. C. L. L. Realty Co.
 Architect—Wicks & Day 315 Montgomery St., San Francisco.
 Contractor—Cahill Bros.
Plumbing awarded to Wm. J. Foster Co., 355 4th St., S. F.
Electrical work to H. S. Tuttle, 85 Colma Ave., San Francisco.
 As previously reported, excavation was awarded to Colin Grading Co., pub. driving to M. G. McGowan.

Plans Being Prepared.
ALTERATIONS. Cost, \$40,000.
 SAN FRANCISCO, 621 Market St.
 Alterations to brick store building.
 Owner—John C. Erickell Co.
 Lessee—Pign Whistle Co. Consolidated
 Architect—Alfred N. Jacobs, French Bk. Bldg., S. F.

Plans Being Figured.
COMMISSION HOUSE. Cost, \$75,000.
 OAKLAND, Fifth and Webster Sts.
 Two-story brick commission house.
 Owner—Misses E. & D. Walters.
 Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Sub. Contract Awarded.
OFFICE & STORE. Cost, \$150,000.
 OAKLAND, NE Cor. Hobart and Webster Streets.
 Three-story class C office and store building.
 Owner—Builders Exchange Holding Corporation, 351 12th St., Oakland.
 Architect—Howard Schroeder, 357 12th St., Oakland.
 Mgr. of Construction—J. S. Magnanini, 606 36th St., Oakland.
 E. M. Tilden is president of Builders Exchange and W. Shaw, secretary.
Steel sash awarded to The Truscon Steel Co., 709 Mission St., S. F.

As previously reported, plumbing was awarded to Carl L. Doell at \$9815; heating to W. H. Picard, 351 12th St., Oakland, at \$1135; structural steel to Herrick Iron Works, 18th and Campbell Sts., Oakland; concrete to F. E. Nelson, 351 12th St., Oakland; excavating to J. Catucci, 351 12th St., Oakland.

Contract Awarded.
OFFICE BLDG. Cost, \$112,000.
 SAN JOSE, Santa Clara Co., Cal. Third and San Fernando Sts.
 Two-story and basement reinforced concrete office building.
 Owner—Pacific Gas & Electric Co.
 Architect—Binder & Curtis, Binder Bldg., San Jose.
 Contractor—R. O. Summers, 17 N-First St., San Jose.
 (51532) 1st report June 13; 3rd Aug.

Sub. Contracts Awarded.
OFFICE BLDG. Cost, \$26,000.
 SAN FRANCISCO, NE Montgomery and California.
 Two-story brick and concrete office building.
 Owner—Marion L. Lord, Kohl Bldg., San Francisco.
 Architect—Henry H. Meyers, 1201 Kohl Bldg., San Francisco.
 Contractor—Chadwick and Sykes, Kohl Bldg., San Francisco.

Structural steel to Pacific Structural Iron Works, 370 10th St., S. F. at \$795.
Electrical wiring to J. M. Carlson, 179 Minna St., \$365.
Heating to The Turner Co., 272 Natoma St., \$580.
Plastering and lath to A. Knowles, Call Bldg., S. F., \$2372.
Roofing to Malott & Peterson, \$315.
Painting to J. F. Fraser, 2809 Geary St., \$385.
Brick to Matthews & Gale, 180 Jessie St., \$4243.
Concrete, excavating to Richard J. H. Forbes, Monadnock Bldg., \$734.
Stone work to McGilvray Raymond Granite Co., \$3695.
Carpentry, mill work to E. T. Leiter & Son, Call Bldg., S. F., \$2787.
Sheet metal to James E. Percy, 715 Lyon St., \$449.
Plumbing to W. J. Forster, 355 4th St. at \$578.

Glass and Glazing Contract Awarded.
OFFICE BLDG. Cost, \$1,500,000.
 SAN FRANCISCO, SE Market and Beale Streets.
 Seventeen-story and basement Class A brick, steel and concrete office building.
 Owner—Pacific Gas & Electric Co.
 Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
 Consulting Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Glass and Glazing to Crowe Glass Co., 374 Eddy St., S. F., at \$18,000.

Plans Being Figured.
EXPRESS OFFICE. Cost, \$6000.
 VISALIA, Tulare Co., Cal., Garden St.
 One-story frame and stucco express office.
 Owner—American Railway Express Co., Visalia.
 Consulting Engr.—James H. Humphreys.

Plans Being Revised.
ANNEX. Cost, \$1,500,000.
 SAN FRANCISCO, SE Cor. Geary and Taylor Streets.
 15-story and basement class A annex to Hotel Clift (200 rooms 100% baths).
 Owner—Clift Hotel Co., San Francisco.
 Architect—Schultz & Weaver, 17 E 49th St., New York.
 Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 Structural steel bids under advisement pending completion of plans.

Figures To Be Taken Shortly.
REMODELING. Cost, \$10,000.
 OAKLAND, San Pablo Ave. near University.
 Remodeling garage into store bldg.
 Owner—Mr. George.
 Architect—W. E. Schirmer, Thayer Bldg., Oakland.
 Lessee—Sherman Dry Goods Co., 5711 San Pablo, Oakland.

Plans Being Completed.
OFFICE BLDG. Cost, \$180,000.
 OAKLAND, Alameda Co., Cal. Thirtieth and Franklin Sts.
 Five-story class C office building.
 Owner—Karl Roentsch.
 Architect—H. H. Winner, 55 New Montgomery St., San Francisco.

Date of Opening of Bids Postponed
 Until Sept. 15, 1924.
STORE. Cost, \$100,000.
 SALINAS, Monterey Co., Cal.
 Two-story reinforced concrete department store.
 Owner—Farmers Mercantile Assn., Salinas.
 Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Completing Plans.
BANK & OFFICE. Cost, \$1,500,000.
 OAKLAND, Broadway and Fourteenth Streets.
 17-story class A bank and office bldg.
 Owner—Central National Bank.
 Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 Plans will be ready for figures shortly.

Heating Contract Awarded.
OFFICE BLDG. \$2,500,000 approx.
 SAN FRANCISCO, New Montgomery and Minna Streets.
 Twenty-six-story class A steel and reinforced concrete office building with terra cotta exterior.
 Owner—Pacific Telephone & Telegraph Company.
 Architect—Miller & Pfeiffer, Associated with A. A. Cantin, Foxcroft Bldg., San Francisco.
 Contractor—Lindgren-Swinerton Co., Ins., Standard Oil Bldg., S. F.
Heating and ventilating awarded to J. E. O'Mara Co., at \$162,841.
 As previously reported, plumbing was awarded to Alexander Coleman, 706 Ellis St., S. F.; electrical work to Butte Electric Equipment Co., 530 Polson St., S. F., at \$148,000; sprinkler system to The Turner Co., 272 Natoma St., S. F.; brick work to McNear Brick Co. and Richmond Brick Co.; terra cotta to Gladding, McBean & Co., elevators to Otis Elevator Co.

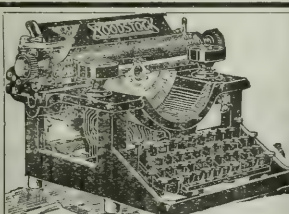
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 SAN FRANCISCO, CALIF.

Contract Awarded
OFFICE BLDG. Cost approx \$500,000
SAN FRANCISCO, SE Cor. Van Ness Ave. and Hayes St.
 Four-story class A office bldg.
 Owner—Calif. State Automobile Association.
 Architect—George W. Kelham, Sharon Bldg., San Francisco.
 Contractor—P. J. Walker Co., 55 New Montgomery St., San Francisco.
 Sub-figures will be taken in about 6 weeks.

Plans Complete
ALTERATIONS Cost. \$15,000
OAKLAND, 336 Wayne Ave.
 Alterations and additions to building.
 Owner—C. G. Enquist, 395 Grand Ave., Oakland.

SAN FRANCISCO, Cal.—Joseph White and Morris Lerman have leased the two-story and mezzanine class B building situated on the southeast corner of Nineteenth and Mission Streets from E. M. Perkins, the owner. The lessees are having the structure remodeled for a department store.

LOS ANGELES, Cal.—Archts. Weston & Weston, 515 Hollywood Security Bldg., have completed plans and are taking bids for a brick bank bldg. to be erected at cor. 7th and Mateo Sts., for the Merchants National Bank; there will be large public space, basement with safety deposit vaults, etc. Brick walls, 1-story, 41x126 ft., comp. figs., terra cotta facing, tile and cem. fls., plate glass, metal skylights, pine and hardwood trim, steel sash, gas htg. sys., reinf. conc. vault, marble work, ornam. iron and bronze work; \$75,000.

LOS ANGELES, Cal.—Macdonald and Kahn, Spring Arcade Bldg., have the contract at about \$249,000 to erect a telephone bldg., at Wilshire Blvd. and La Brea St. for the Pacific Telephone & Telegraph Co. Plans prepared by the owner's engr. dept. Steel frame, reinf. conc. constr., 3-story and basement, 104x134 ft., press. brick and terra cotta facing, cem. fls., comp. figs., metal skylights, steel sash, hollow metal trim, wire and plate glass, tile and marble work, tiled toilets, steam htg. sys., water htr., metal latn; bldg. designed for 6 future stories.

THEATRES

Plans to be Figured This Week.
STORE & THEATRE Cost, \$100,000
SAN MATEO, San Mateo Co., Cal. Third Avenue.
 Reinforced concrete store and theatre building.

OWNER E. Getz, Chronicle Bldg., San Francisco
ARCHT. Morrow & Gatten, Chronicle Bldg., San Francisco

Plans Being Figured. Cost, \$10,000
ALTERATIONS
PETALUMA, Sonoma Co., Cal.
 Extensive alterations to Hill Opera House (Class C Bldg.)
 Owner—T. D. J. Enterprises Inc.
 Architect—Mark Jorgensen, 119 Sutter St., San Francisco.

PASADENA, L. A. Co., Cal.—The West Coast Theaters, Inc. and C. L. Langley, assoc. (TR 7141), have announced the erection of a \$350,000 theater, store and apt. bldg. at Fair Oaks Ave. and Oxley St., South Pasadena. Found. 150x150, 1600-seat theater

LOS ANGELES, Cal.—Archt. G. Albert Landsburg, 700 Junior Orpheum Bldg., is completing plans for a class A theater and loft bldg. to be erected at 838 S Broadway for the Broadway Properties Co., Joe Topitzky, agent; there will be theater and balcony to seat 2400 people, the front section of the bldg. will be 13 sto. and will contain lofts and offices. Dimensions, 138 ft. by 148 ft., the theater will be steel frame constr. and the loft section will be of reinf. conc. constr., press. brick and terra cotta facing, 4 elec. elevators, basement, steam htg. sys., comp. figs., plate glass, cement, hardwood, and pine fls., tile and marble work, steel sash; \$1,000,000. Bids will be taken in about 30 days.

WHARVES AND DOCKS

SANTA ANA, Cal.—Date to open bids by county supervisors to const. creosote pile wharf at Newport Harbor has been advanced to Sept. 16.

MISCELLANEOUS BUILDING CONSTRUCTION

ROCHE, Tulare Co., Cal.—Coast Rock & Gravel Co., A. R. Kerstetter, local mgr., will build rock crushing plant at Roche, Tulare Co.; \$250,000.

SACRAMENTO, Cal.—East Lawn Cemetery Assn., Folsom Blvd. Sacramento, (Fred W. Kiesel, president of Board of Trustees), is having plans prepared by Palmer, Schlemmer and Wheatland, designers and builders of mausoleums, and early construction is planned on a \$400,000 mausoleum. The structure will be of reinforced concrete construction of classic architecture, 300 ft. in length.

Plans Being Prepared—Sub-Dividing
Contract Let.
CLUB HOUSE ETC.

Cost will exceed \$1,500,000
BELMONT, Santa Clara Co., Cal., in vicinity of Belmont Military Academy.

Club house and other structures for town house.

Owner—Municipal Properties Co.
 Architect—Ellis and Faville, Balboa Bldg., San Francisco.

Standard Industrial Engineering Co., Sharon Bldg., San Francisco, has contract on cost plus basis to sub-divide 1432 acres in connection with the work, which will include the improvement of approx. 25 miles of streets, including sewers, water piping, oil macadam pavement, concrete curbs, gutters, etc.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8529—London, England. A buyer of Oregon pine 3-plywood, in thickness of 3/4 in., sizes 41 in., 46 in., and 49 in. in length by 11 in. and 12 in. in width, wishes to communicate with San Francisco manufacturers of this wood.

8530—United Kingdom. Manufacturer of a patent window blind roller and fittings, which is guaranteed to last a lifetime, and which has several new unusual features, seeks a market in this district.

8533—Paris, France. Engineer desires to represent American manufacturers of exporters of excavators, steam shovels, large crushers, and tinctorial products, in his country.

8535—Manila, P. I. Large manufacturers of alcohol wish to get in touch with manufacturers of alcohol appliances, such as stoves, lamps, etc., for the purpose of introducing those appliances in the Philippines to stimulate the sale of alcohol.

8538—Japan. Firm is in the market for wooden picture frame mouldings manufactured by San Francisco concerns.

8545—San Francisco, Cal. Gentleman with thorough knowledge of German, French and Spanish, widely traveled, desires position with a local San Francisco firm.

D-1355—San Francisco. Distributor of latest electric window display devices, import and specialty business, has opening for high grade salesman with prospect of becoming a partner.

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Instead of swinging from the jamb, shutting out the breeze and making it impossible for the outside of the window to be cleaned from the

inside of the room, a Whitco equipped sash as it is opened, travels away from the sash, and when swung out to an angle of 90° from the frame leaves a space of 4½" between the sash and the jamb—plenty of opening for the breeze to come in—plenty of room to get at the outside surface for cleaning.

Whitco Hardware can be applied either to old or new sash as no special detail is required. No special finish is needed as Whitco Hardware is entirely concealed when the sash is closed. A set consists of two pieces—one for the top and one for the bottom of the window. One size fits all sash. May be used either right or left hand.

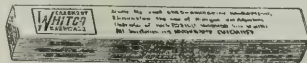
Whitco Hardware is also ideal for transoms.



Whitco Hardware is sold only through retail dealers in builders' hardware.

If the one you deal with cannot supply you send us his name and we will see that your needs are taken care of.

Each set (equipment for one casement sash or transom) with installing instructions, is packed in a neat carton 1" x 1" x 8".



VINCENT WHITNEY COMPANY
MANUFACTURERS OF HARDWARE SPECIALTIES

Western Distributors:
VINCENT WHITNEY CO.
365 Market Street, San Francisco

SAN FRANCISCO, CAL.
CALEDONIA, N. Y.

Eastern Distributors:
H. E. HOLBROOK CO.
444-447 Mass. Tr. Bldg., Boston

Send all inquiries to nearest Distributor.

Official Proposals

BIDS WANTED FOR CONSTRUCTION OF ADMINISTRATION BUILDING WALLA WALLA, WASH.

NOTICE TO CONTRACTORS

SEALED PROPOSALS, endorsed "Proposal for Construction of Administration Building, U. S. Veterans Hospital No. 85, Walla Walla, Washington," will be received by the U. S. Veterans Bureau, Room No. 791, Arlington Building, Washington, D. C., until 11:00 A.M. October 7, 1924, and then and there publicly opened, for the construction complete of an Administration Building and Covered Walk as shown on drawings and as described in the specifications. The work will include excavating, concrete work, brickwork, marble work, carpentry, slate and composition roofing, hardware, painting, glazing and plumbing, heating and electric wiring, all as set forth on proposal sheet. Drawings and specifications may be obtained upon application to the Construction Division, Room No. 791, Arlington Building, Washington, D. C., or to the Medical Officer in Charge at the above named station. Proposals will be considered only from individuals, firms, or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. Deposit with application of a check or postal money order or cash, payable to the Treasurer of the United States, is required as security for safe return of drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director.
Aug. 29, 1924.

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on September 29, 1924, at time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows: Colusa County, between 1/2 mile west of Freshwater Creek and Williams (III-CO-15-E), about six and nine-tenths (6.9) miles in length, to be graded and surfaced with gravel or stone.

San Diego County, a bridge 30 feet wide across Sycamore Creek about six miles north of Oceanside (VII-S-D-2-C), consisting of one 24-foot reinforced concrete arch span.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's office are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concern-

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

ing the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS E. DOW,
N. E. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: Sept. 2, 1924.

NOTICE TO BIDDERS

(Yuba City—Fire Alarm System)

Notice is hereby given that sealed proposals will be received by the Board of Trustees of the Town of Yuba City on or before the hour of eight o'clock P. M. on Monday, September 15th, 1924, for the following construction and installation work:

Installing fire-alarm switchboard, batteries, motor generator, transmitter box, gong, register and sixteen fire-alarm boxes and furnishing materials for inside wiring, aerial line and other materials in connection therewith, according to specifications on file in the office of the Clerk of said Town.

Bidders are asked to submit proposals on the following items separately:

No. 1. Materials used in said installation.
No. 2. Labor in said installation.

All bids must be accompanied by a certified check in an amount equal to 10% of amount of bid.

The Board of Trustees reserve the right to reject any or all bids and to accept any which they may deem to be to the best interests of the Town.

Bids will be opened on said day and hour.

BOARD OF TRUSTEES,
Town of Yuba City.

Per C. K. KLINE, Clerk.

QUANTITY SURVEYOR Valuation Engineer

ARTHUR PRIDDLE

603 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Repairs—U. S. Appraiser's Building)

OFFICE OF THE SUPERVISING SUPERINTENDENT, 402 POST OFFICE BUILDING, SAN FRANCISCO, CALIFORNIA, AUGUST 28, 1924.

SEALED PROPOSALS will be received at this office until 12 o'clock M., September 15th, 1924, and then opened for repairs to floor, roof, etc., at the U. S. Appraisers Bldg., San Francisco, California, in accordance with the specifications, copies of which may be had at this office in the discretion of the Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO CONTRACTORS

(Repairs—U. S. Appraiser's Building)

OFFICE OF THE SUPERVISING SUPERINTENDENT, 402 POST OFFICE BUILDING, SAN FRANCISCO, CALIFORNIA, AUGUST 28, 1924.

SEALED PROPOSALS will be received at this office until 12 o'clock M., September 15th, 1924, and then opened for repairs to floor, roof, etc., at the U. S. Appraisers Bldg., San Francisco, California, in accordance with the specifications, copies of which may be had at this office in the discretion of the Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO CONTRACTORS

(Kern County—Juvenile Detention Home)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors, County of Kern, up to 10 A. M. of September 15th, 1924, for furnishing all materials and labor necessary for the erection and completion of a two-story brick Juvenile Detention Home, to be erected on the site of the Kern General Hospital, East Bakersfield, California. Said building to be erected in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of Ten Dollars (\$10) at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole or separately as noted on the bid form furnished with the specifications.

Bids must be accompanied by a cashier's or certified check in the amount of at least ten per cent (10%) of the amount bid, such check to be made payable to the Clerk of the Board of Supervisors, County of Kern, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to the said County of Kern, and to waive any informality in any bid received.

By order of the Board of Supervisors, County of Kern, State of California, made August 18, 1924.

F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board.
Dated: August 19, 1924.

NOTICE TO CONTRACTORS

(Academic Bldg., Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Trustees, Kern County Union High School District, Bakersfield, California, up to 8 P. M., of October 6th, 1924, for furnishing all materials and labor necessary for the erection and completion of a two-story brick Academic Building, on the High School site, in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of Ten Dollars at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole or segregated as noted on the bid form furnished with the specifications.

Bid must be accompanied by a cashier's or certified check in the amount of at least ten per cent (10%) of the amount bid, such check to be made payable to the Board of Trustees, Kern County Union High School District, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to said Kern County Union High School District, and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, made August 14th, 1924.

W. J. WALTERS, President.
BOYCE R. FITZGERALD, Clerk.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 8 o'clock p. m. on Sept. 22, 1924, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Solano County, between 2 miles east of Suisun and Deverton (X-Sol-53-A), about six and nine-tenths (6.9) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done.

The California Highway Commission reserves the right to reject any or all

bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,

LOUIS EVERED, JR.,

N. T. EDWARDS,

California Highway Commission.

R. M. MORTON,

State Highway Engineer.

W. F. MIXON, Secretary.

Dated Aug. 25, 1924.

NOTICE TO CONTRACTORS

(Banta-Carbena Irrigation District—contract No. 1)

Notice is hereby given that sealed proposals addressed to the Board of Directors of the Banta-Carbena Irrigation District, Box 12, Tracy, California, and endorsed, "Proposal for furnishing and installation of pumping machinery and accessories, Contract No. 1," will be received by said Board of Directors at its office, at W. Schlossman's residence, near Carbona, California, and about three miles south of Tracy, California, until 8 o'clock P. M. on the 10th day of September, 1924, and at that time and place will be publicly opened and read.

All proposals must be made upon blank forms to be obtained from W. Schlossman, Secretary of the Board of Directors, at his office, and must give the price proposed, both in writing and in figures, and must be signed by the bidder with his address.

Each bid is to be presented under sealed cover, and must be accompanied by cash or certified check made payable to the Banta-Carbena Irrigation District, in an amount equal five per cent of the amount of the bid, and no bid will be considered unless such cash or check is enclosed therewith, and, also, no bid will be considered unless in strict conformity with the plans and specifications. Should the successful bidder to whom the contract is awarded fail to execute the same, such cash or check shall be forfeited to and become the property of the district.

All other cash or checks will be returned to the unsuccessful bidders who submitted the same.

A common law bond will be required for the faithful performance of the contract, in a sum not less than twenty-five per cent (25%) of the amount of the contract price, and a further bond in the sum of not less than fifty per cent (50%) of the amount of the contract price, must be furnished with acceptable sureties to secure the payment of laborers, materialmen, etc.

The contractor to whom the contract may be awarded will be required to appear at the office of the district with sureties offered by him and execute the contract within ten days (not including Sundays) from the date of notification of such award, and the preparation and readiness of the contract for signature, and in case of failure or neglect to do so he will be considered as having abandoned it, and said forfeiture or cash or certified check will operate.

Bids are to be compared on the basis of the district engineer's estimate for the furnishing and installation of pumping machinery and accessories as follows:

Item No. 1. Seven centrifugal pumps of 20 cubic feet per second capacity.

Item No. 2. Fourteen centrifugal pumps of 40 cubic feet per second capacity.

Item No. 3. Motors, starters, relays, float switches, piping, valves, cranes, water measuring device and other essential equipment to complete pumping equipment in six pump houses. All pumps and pump houses to be built by the district.

Bids will be received for the complete work but not for any part thereof.

The contract to be entered into and the pumping machinery and accessories are to be furnished and complete and ready for use in accordance with the plans and specifications heretofore adopted by the Board of Directors.

The plans and specifications can be seen at the office of the Board of Directors. Plans and specifications and forms of proposals may be obtained from W. D. Harrington, Tracy, California, or from Thomas H. Means, 369

Pine street, San Francisco, California, and said plans and specifications are on file and at the office of the Secretary of the district.

The right is reserved to accept the proposal of the lowest responsible bidder or to reject any or all bids.

The work shall be done under the direction and to the satisfaction of the engineer of the district, and approved by the Board of Directors.

Done by order of the Board of Directors of the Banta-Carbena Irrigation District, this 20th day of August, 1924.

(SEAL) W. SCHLOSSMAN,
Secretary of the Board of Directors of the Banta-Carbena Irrigation District.

CHITTENDEN & HENCH,
Attorneys for the Banta-Carbena Irrigation District, 204 American Bank Bldg., Tracy, California.

NOTICE TO BIDDERS

(Merced Irrigation District, Merced County, California—Steel Pipes, Penstocks, Etc.)

Notice is hereby given that sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District in the Bancroft Bldg., Merced, California, until Saturday, September 20th, 1924, at 11 o'clock A. M., for the furnishing of the following materials needed in the construction of the Exchequer Dam and Power Plant of the Merced Irrigation District: About 260 lineal feet of 60 inch diameter riveted steel pipe.

About 450 lineal feet of 96 inch diameter riveted steel pipe, including special Y and elbow connections.

2 Steel Trash Racks, each 22 feet square, with truss steel frame work.

2 Curved Steel trash racks each about 12 by 16 feet square.

3,400 lineal feet of 24-inch copper plate formed and punched.

6 sets Wrought and cast steel doors.

44 Cast iron and steel drain covers.

About 125 lineal feet of 6 inch steel pipe.

Specifications for said material can be seen at the office of said Board and copies thereof will be furnished upon application to the Secretary of said Board accompanied by a deposit of \$10.00 for each copy to be repaid to all bidders and to all others upon the return of the plans and specifications in good and acceptable condition not later than the day set for opening bids.

Said Board will be in session at its office 8 o'clock A. M. on said 20th day of September, 1924, and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidders may submit bids upon any or all of the schedules, but no schedule will be subdivided.

Each proposal must be accompanied by a certified check for five per cent (5%) of the amount of the bid, and the successful bidder must execute a satisfactory contract and furnish a bond in the sum of not less than twenty-five per cent (25%) of the amount of his bid for the faithful performance of the work in accordance with the plans and specifications, said Bond to be approved by said Board.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposal, must be submitted in strict conformity in a sealed envelope addressed to the Board of Directors of the Merced Irrigation District, and marked to indicate that it is a proposal for pipes, penstocks, etc., of the said dam and power house.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District this 19th day of August, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of the Merced Irrigation District.

BRIDGES

Douglas 6320

DREDGING, HARBOR WORKS AND EXCAVATIONS

PITTSBURGH, Conn.—Costa Co., Cal.—Until Sept. 15, 8 P. M. bids will be rec. by Jas. Fitzmaurice, city clerk, to const. bulkhead consisting of 2 rows of piles 7 ft. apart, 10 ft. centers, including 1-in. by 12-in. sheet piling and 4-in. by 8-in. inside bracing and a platform of 2 by 12 planks supported by said piles; bulkhead approx. 872 lin. ft. Cent. check 100, req. with bid. Plans obtainable from office of clerk.

MOQUETTO, Stanislaus Co., Cal.—Modesto Irrigation District will provide \$13,018 in 1924 budget to repair and enlarge main canal of district.

VERDI, Nevada.—Watts Bros., Inc., Reno, plan to construct canals and dam to serve approx. 2000 acres near Verdi, Nevada. Involve \$3,650 lin. ft. earth canal, 10-ft. wide at top, 6-ft. wide at bottom, 2-ft. deep. Dam 372-ft. long on top, 100-ft. high of earth construction with conc. cut-off and rip-rap face. Est. cost \$145,000.

MAZATLAN, Mexico.—W. E. Chapman, American consul here, reports survey made and plan developed to build two breakwaters and a wharf in port of Mazatlan. Est. cost, \$5,000,000.

IRRIGATION PROJECTS

MANTECA, San Joaquin Co., Cal.—Arlington & Putman, Escalon, awarded cont. by South San Joaquin Irrigation District to fur. 6,000 tons, more or less, Gunite sand, bidding \$1.08 S. P. or T. S. Other bids were:

Atlas Rock Co., Stockton, S. P., \$1.40; T. S. \$1.40; Myers St., \$1.60.
Coast Rock & Gravel Co., San Francisco, S. P., \$1.70; T. S. Elliott, \$1.90; Yuba river, \$1.60.

Marysville Sand Co., Marysville, Mika, \$1.50; Weston, \$1.55; Ripon, \$1.55; Oakpoint, \$1.50; Atlanta, \$1.55; Simms, \$1.60; Van Allen, \$1.60.

River-rock Gravel Co., Stockton, river-rock sand, T. S. delivery or S. P. delivery exc. Myers Station, \$1.40; Myers, \$1.60. Riverbank sand, all deliv. exc. Escalon and Meyers, \$1.40; Escalon, \$1.25; Myers, \$1.60.

SELMA, Fresno Co., Cal.—Following bids received by Consolidated Irrigation District, I. H. Tellman, ch. Eng., to const. (1) flume over Kings river, near Kingsburg, consisting of (a) steel truss; (b) conc. abutments and piers; (c) circular flume; (2) construct ditch tender's dwelling house; (3) const. 11 rein. conc. checks:

Kyle & Co., Fresno, on steel truss \$4465
Minneapolis Steel & Machinery Co., Los Angeles, on steel truss, \$4690.
Adel & Courtwright Co., Hanford, concrete piers and abutments on flume, \$7435.

Calif. Corrugated Flume Co., No. 120 20-gauge galv. flume \$3.09 ft.
J. Hillbloom, Kingsburg, on house, \$1449.

A. J. Malsburg, R.E.D. Fresno, \$1900.
D. R. Crawford, R.E.D. Fresno, \$1590.
Adel & Courtwright, Hanford, on checks C \$23.50 per c. y.

Adel & Courtwright, Hanford, special check \$26.50 per c. y.

Contracts awarded as follows: Kyle Co., steel truss; Courtwright on piers and special check; Hillbloom on house. The district will construct checks by force account.

MANTECA, San Joaquin Co., Cal.—Stockton Hardware & Implement Co., Stockton, awarded cont. by South San Joaquin Irrigation District, to fur. 2,500,000 sq. ft. more or less, wire mesh reinforcing, bidding Style A 17, 5 and 6 ft. widths, \$1.13; Style A 17, 4 ft. widths, \$1.17; Hexagon No. 18, \$1.19 1/2. Thomson Digs Co., Sacramento, only other bidder at Style A 17, 5 ft. and over 1.243 1/2; same style, 4 ft. width, 1.2904; Style S 18-19, 48 or 60 in. 1.6704; No. 18 Hexagon 4, 5 or 6 ft. width, 1.3857.

MANTECA, San Joaquin Co., Cal.—Henry Cowell Lime & Cement Co., 2 Market St., San Francisco, awarded cont. by South San Joaquin Irrigation District to furnish 15,000 bbls., more or less, Portland cement, on bid of (a) \$2.78 delivered Manteca; (b) \$2.80 delivered Ripon and (c) \$2.80 delivered Simms. Five other companies submitted identical bids at the following prices (a) \$3.14; (b) \$3.16; (c) \$3.16, these companies being Old Mission Portland Cement Co., Stockton Ice & Fuel Co., Irwin Lumber Co., Pacific Portland Cement Co., and Santa Cruz Portland Cement Co.

LIGHTING SYSTEMS

SAN ANSELMO, Marin Co., Cal.—See "Streets and Sewers," this issue. Bids wanted. 21 electroliters.

LOS ANGELES, Cal.—Robertson Elec. Co., Santa Ana, awarded cont. at \$12,333 by bd. pub. wks. to install ornamental lighting sys. in Rimpau Blvd., betw. Wilshire Blvd. and Pico St.

J. C. Rendler, 625 S. Main St., awarded cont. at \$2535 to install ornamental lighting sys. in Windsor Blvd., bet. Beverly Blvd. and 1st St.

Fritz Ziebarth, 302 E. Anaheim, Long Beach, awarded cont. at \$1820 for ornamental lighting sys. in Stanley Ave. bet. Hollywood Blvd. and 716 ft. south therefrom.

Robertson Elec. Co., awarded cont. at \$17,433 for ornamental lighting sys. in 24th St., bet. Hoover St. and Vermont Ave.

CULVER CITY, Cal.—City trustees plan to install light standards on Lucerne, Farragute, Irving, La Fayette, Van Buren and Braddock streets.

CHICO, Butte Co., Cal.—Until Sept. 16, 8 p. m., bids will be rec. by Ira R. Morrison, city clerk, to furnish electricity for operation and lighting of 39 electroliters, already installed, in various streets, for 1-year period commencing Oct. 15, 1924.

MERCED, Merced Co., Cal.—City trustees order plans prepared for electroliter system in 23rd St. W. W. Cornell, city clerk.

LOS ANGELES, Cal.—Newbery Elec. Corp., 726 S. Olive St. at \$85,737 submitted low bid to Bd. Pub. Wks for ornamental lighting sys. complete in Grand Ave., bet. Temple and 5th Sts. Other bids: Geo. W. Kemper, \$38,464; Elec. Lighting Sup. Co., \$89,381; R. A. Wattson, \$91,743; J. C. Rendler, \$92,777.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal.—Until 9 a. m., Sept. 17, bids will be rec. by city pur. agt. for 2 1/2-ton garbage truck chassis.

RAILROADS

KLAMATH FALLS, Ore.—Great Northern R.R. contemplates construction of an extension from Bend to Lakeview and thence connecting with the Oregon California and Eastern into Klamath Falls.

FIRE ALARM SYSTEMS

YUBA CITY, Sutter Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by C. C. Kline, city clerk, to install fire-alarm switchboard, batteries, motor generator, transmitter box, gong, register and sixteen fire alarm boxes and fur. materials for inside wiring, aerial line and other materials in connection therewith. Bids are wanted for (1) furnishing materials; (2) labor for installation. See call for bids under official proposition section in this issue.

LOS ANGELES, Cal.—The Gamewell Co. awarded, contr. at \$76,440 by bd. pub. wks. for fire alarm boxes.

Keystone Iron & Steel Wks., 2931 Santa Fe Ave., awarded cont. at \$2,948 for fire alarm switchboard, batteries.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 14, bids will be rec. by bd. pub. wks. for fire alarm central sta. apparatus. Spec. on file with city electrician.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 29, bids will be rec. by bd. pub. wks. for office cable. Spec. on file with city electrician.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952

San Francisco

FIRE EQUIPMENT

LOS ANGELES, Cal.—Until 9 a. m., Sept. 17, bids will be rec. by city pur. agt. for fire hose.

SAN FRANCISCO — Until Sept. 22, 2:30 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 S. Leavy, to fur. one chemical engine, one tractor and three combined pumping engines and hose wagons for Fire Dept. Further information obtainable from above office.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 p. m., Sept. 19, bids will be rec. by dept. of pub. serv. 602 Pub. Serv. Bldg., for steel guy cable. Jas. P. Vroman, secy.

PALO ALTO, Santa Clara Co., Cal.—Until Sept. 18, 7:30 p. m., bids will be rec. by A. C. Barker, secy. Board of Education, 549 Channing Ave., to fur. 35 tons of coal, delivery to be made on or before Oct. 1.

RESERVOIRS AND DAMS

VERDI, Nevada — See "Dredging, Harbor Works and Excavations," this issue.

PIPE LINES, WELLS, ETC.

MERCED, Merced Co., Cal.—See "Irrigation Projects," this issue. Bids wanted.

SEWAGE DISPOSAL PLANTS

WATSONVILLE, Santa Cruz Co., Cal.—Board of Aldermen contemplate bond issue to finance construction of sewage disposal system. H. B. Kitchen, city engineer.

REEDLEY, Fresno Co., Cal.—Until Sept. 23, 8 p. m., bids will be rec. by Hazel Tremblay, city clerk, to const. sanitary sewer extensions and disposal works, bids to be received under the following units:

Unit 1

Furnish labor and materials, involv. 12,759 lin. ft. 8-in. sewers; 1240 lin. ft. 15-in. sewers; 561 8x6-in. and 48 10x6-in. wye branches for house connections; 45 manholes with stub sewers 13 lamp-holes.

Unit 2

Furnish labor and materials, involv. 1354 lin. ft. 15-in. sewers; 3 manholes; 1 inverted syphon complete, including blow-off, piers, cut-off walls and 4 special manholes; 1 sludge bed for inverted syphon blow-off.

Unit 3

Furnish labor and materials, involv. 470 lin. ft. 10-in. and 119 lin. ft. 15-in. sewers; 1 manhole; 2 standpipes; 1 rein. conc. preliminary settling tank, complete with inlet manhole and dosing chamber; 2 sludge beds for preliminary settling tank; 1 sprinkler filter, including retaining walls; 1 rein. conc. final settling tank; 1 sludge bed for final settling tank.

Alternate bids will be received on Bell and Spigot Pipe, either vit. clay or conc. type. Plans on file in office of clerk and obtainable from John S. Eates, consulting engineer, Rowell Bldg., Fresno.

MISCELLANEOUS CONSTRUCTION

SANTA BARBARA, Cal. — John H. Tillman, Portland, awarded cont. at \$228,424 for new outfall sewer. Bids for second portions of sewer project involving screening and pumping plant will be called for soon.

REDONDO BEACH, Cal.—City trustees call special election for Oct. 7 for voting on \$35,000 bond issue with which to purchase incinerator and garbage disposal plant.

WATER WORKS

SANTA ROSA, Sonoma Co., Cal. — Pioneer Machine Shop, 3rd and Wilson Sts., Santa Rosa, at \$1152 awarded cont. by Board of Public Utilities to fur. and install turbine pump of 550 to 600 g.p.m. capacity, for a well 12-in. dia., 153 ft. deep, 40 ft. distance to water, pumping level 68 ft., pumping head above surface 8 ft. Total pumping head, 76 ft., on 6-in. check valve, one 6-in. gate valve, and 50 ft. of 6-ft. casing.

NAPA, Napa Co., Cal.—City council will provide \$14,000 in 1924-25 budget to finance improvements to water distributing system which will include installation of 8-in. main to replace 14-in. mains and relaying of 14-in. mains other sections of city. H. A. Harold, city eng.

CALEXICO, Cal.—City trustees postpone date to vote \$35,000 bond issue to Oct. 22. It is proposed to spend \$17,000 in enlarging and extending water mains and \$18,000 for increasing capacity of filters at water plant.

SEWERS & STREET WORK

SANTA ANA, Cal.—B. R. Ford, 197 W. 17th St., Santa Ana, awarded contract at \$40,840 to imp. Santa Clara Ave., bet. Bush St. and Lincoln Ave., involv. 201-058 sq. ft. 5-in. conc. pav.; 8754 sq. ft. curb; 979 ft. 6-in. sew. pipe; 2109 ft. 4-in. hse. cont.; 2 m. h.; 1 L. T. 1 lamp. The bids were: B. R. Ford, \$40,840.52; Oglesby & Dahl, \$42,070.73; Griffith Co., \$42,879.80; Basich Bros., \$43,043.03; Geo. A. Simpson, \$44,126.89; H. H. Peterson, \$44,579.07.

SAN FRANCISCO—Jas. M. Smith, 715 Ocean Ave., at \$696 awarded contract by Board of Public Works to improve Brunswick St., bet. Whittier and Oliver involv. 100 lin. ft. conc. curb, \$120; 1800 sq. ft. asph. conc. pavement, \$32.

W. J. O'Connor, 399 Duboce Ave., at \$3441 awarded contract to improve Pope St., bet. Mission and Morse Sts., involv. 22,940 sq. ft. art. stone walks, 15 sq.

BAKERSFIELD, Kern Co., Cal.—California Constr. Co., 58 Second St., San Francisco, at approx. \$8,735 awarded cont. by supervisors to imp. streets in Town of Fellows, involv. 21,035 ft. 4-in. asph. base pavement with 2-in. surface, \$28; 3733 sq. ft. conc. gutter, \$40; 1393 lin. ft. conc. curb, \$90; one 10-in. drain pipe and inlets, \$100.

OAKLAND, Cal. — Council, Eugene K. Sturges, clerk, declares inten. to imp. Carrington Way, bet. Harrington and Ransome Aves., and portions of Harrington and Ransom Aves., adjacent to Carrington Way, involv. const. of cem. walks and conc. steps with iron stair rails, 1911 Act. Protests Sept. 18. W. W. Harmon, city eng.

LOS ANGELES, Cal.—H. A. Van Norman, engr. in charge of const. of north outfall sewer recommends to bd. pub. wks. acceptance of bids of Thas. Haverty Co., 8th St. and Maple Ave., for const. Secs. 13 and 13 of sewer, at their price of \$158,765 for semi-elliptical conc. sewer made conditional on award of both secs. Mr. Van Norman recom. C. E. Green, who was low on one sec., to be allowed to withdraw bid as per his request. Taken under advisement.

SAN FRANCISCO—Fay Imp. Co., Pleasant Bldg., at \$16,491.92 awarded cont. by Board of Public Works to imp. Kirkham St., bet. 14th and 16th Aves., involv. 3100 cu. yds. cut, \$1.04; 275 lin. ft. 3-in. sewer, \$2.18; 40 manholes, 12-in. sewer, \$2.33; 2 br. manholes, \$113 ea.; thirteen 8-in. wye branches, \$1 ea.; 1304 lin. ft. conc. curb, \$.98; 3 br. catchbasins, \$128 ea.; 10 lin. ft. 10-in. culvert, \$1.85; 1016 sq. ft. art. stone walks, \$1.18; 38,412 sq. ft. asph. conc. pavement, \$2.68.

City Construction Co., Call Bldg., at \$2,260.20 awarded cont. to imp. crossing of Mississippi and 20th Sts., involv. 1854 sq. ft. art. stone walks, \$1.25; 2 br. catchbasins, \$125 ea.; 50 lin. ft. 10-in. culvert, \$3; 1484 sq. ft. asph. conc. pavement, \$.35.

SACRAMENTO, Cal.—County Engineer Chas. Deterding Jr., will recommend to supervisors improvement of approx. 14 miles of roads at cost of \$30,000.

The improvements consist mainly of graveling graded dirt roads near Florin, Elk Grove, Galt and in the vicinity of North Sacramento. About half of the proposed work is planned for the territory adjacent to Florin and Elk Grove.

PASADENA, Cal.—H. E. Cox, Slavin Bldg., Pasadena, awarded cont. by council at \$22,761 to imp. Sycamore and Pasadena Aves., involv. 39,000 sq. ft. 5-in. conc. pav.; 10,000 sq. ft. 3-in. manhole; 2600 sq. ft. 5-in. gutter; 46,000 sq. ft. walk; 3200 ft. curb; 1000 ft. 4-in. C. I. water pipe; 1100 ft. 6-in. C. I. water pipe; gates; fittings; 300 ft. 6-in. sew. laterals; 25 wyes; 6 m. h.; 1 ft. t. Other bids: J. McCreath, \$22,891.91; H. C. Ducey and Thos. C. Breitenstein, \$25,794.64.

SANTA ROSA, Sonoma Co., Cal.—County supervisors plan preliminary work for paved highway from Santa Rosa to Russian river section, by the direct College Ave. route to Carrillo corner, 3 mi. from Santa Rosa where it will connect with the Gravenstein highway. It is estimated the paved road will be 18 ft. wide, the cost to be approx. \$110,000. E. A. Peugh is county surveyor.

DALY CITY, San Mateo Co., Cal.—Until Sept. 22, 8 P. M., bids will be rec. by L. Eichel, city clerk, to imp. portions of Risel, Oliver Sts., etc., involv. grading and pave with 4-in. conc. base with 1½-in. asph. conc. surface; curbs, gutters and walks. Cert. in office of clerk. Geo. A. Kneese, city engineer.

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STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hodge, declares spec. to imp. streets in Marysville district, involv. 3732 sq. yds. cont. 3741 cu. yds. fill, 7644 lin. ft. curb and gutter, 33,973 sq. ft. walks, 113,817 sq. ft. asphalt macadam pavement.

SAN DIEGO, Cal.—H. G. Fenton, 1800 Main St., San Diego, awarded cont. by council at \$12,691 to imp. Felton and other sts.

Gertrich Co., 2, 11th St., San Diego awarded cont. at \$18,286 to imp. Hawthorne and other streets.

SANTA MONICA, Cal.—Until 10 a. m., Sept. 8, bids will be rec. by city trustees to imp. Schrader Ave., involv. curb, walk, asphalt, oil and rock pav., san. sewer and c. i. pipe water sys., 1911 act. Cert. check or bond 10%. Plans on file with John A. Morton, comm.

MARYSVILLE, Yuba Co., Cal.—City council, Geo. W. Richards, clerk, declares inten. to imp. portions of I, 13th, 12th and 11th, 9th, 5th, 4th sts., etc., involving construction of concrete curbs, gutters, headwalls and catch-basin with iron covers, 6-in. vit. sewers; corr. iron culverts, grading and paving 15-ft. each side with 2½-in. bit. base with 1½-in. Warrentite-Bit surface, 1911 Act and Bond Act 1915. Protests Sept. 15.

SAN DIEGO, Cal.—H. H. Peterson, 356 Sprinkles Bldg., San Diego, submits low bid to council to imp. Front St. Bids were: H. H. Peterson, \$10,171.70; David H. Ryan, \$10,356.23; Phoenix Tempe Stone Co., \$10,363.13; G. R. Daley, \$10,451.49; Bert Noble, \$10,899.87; King S. Heath, \$10,793.45; Carl S. Carlson, \$11,102.73; Chester O. Nelson, \$11,167.90.

REDWOOD CITY, San Mateo Co., Cal.—Town trustees, W. A. Price, clerk, declare inten. to imp. portions of Hilton, Maple, Cassia Sts., etc., involving pave. with 1½-in. Durite asph. conc. surface on 2½-in. Durite asph. conc. base; const. hyd. cem. conc. curb and gutter, 1911 Act and Bond Act 1915. Protests Sept. 15. C. L. Dimmitt, city engineer.

SAN ANSELMO, Marin Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by A. W. Studley, town clerk, to imp. streets in Morningside Terrace, pavement to be 2-course asphalt concrete, involv. 8000 cu. yds. excavation; 126,650 sq. ft. surface grading; 9150 sq. ft. 6-in. pavement; 113,000 sq. ft. 4-in. pavement; 4500 sq. ft. 2½-in. pavement; 10,500 lin. ft. conc. curb and gutter; 41,500 sq. ft. walks; 1000 sq. ft. walk driveways; 1560 ft. 6-in. and 3050 ft. 4-in. water mains; seven 6-in. and 16 4-in. gate valves; six 4-in. hydrant connections; 5600 lin. ft. 2-in., 1200 lin. ft. 1½-in. and 4000 lin. ft. 1-in. conduit; 7000 lin. ft. electric conductor; 21 electroliers; 910 lin. ft. 8-in., 4970 lin. ft. 6-in., and 1800 lin. ft. 4-in. vit. pipe sewer; 16 manholes; 11 catchbasins; 430 lin. ft. 18-in., 200 lin. ft. 15-in., 150 lin. ft. 12-in., 190 lin. ft. 10-in., vit. storm drain; 14 survey monuments; 11 lampholes, 1911 Act and Bond Act 1915. Cert check 10% req. with bid. Plans on file in office of clerk, J. J. Jessup, town engineer.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, clerk, declares inten. to imp. Union St., bet. Cedar and Russ Sts., involv. grading; pave with 2½-in. asph. conc. base with ½-in. Warrentite-Bit surf.; const. c. i. culverts with cem. conc. inverts; 6-in. vit. sewers; cem. conc. manholes; conc curbs. 1911 Act and Bond Act 1915. Protests Sept. 16. Harry H. Hannah, city engineer.

LOS ANGELES, Cal.—Until 2 p. m., Sept. 15, bids will be rec. by supervisors to imp. Pasadena Ave. and other sts., involv. 7822 cu. yds. excav., 220,320 cu. ft. walk, 23,275 lin. ft. curb, 637x14, 23,582 lin. ft. curb 610x18, 132,848 sq. ft. gutter, culv. plan No. 4, c. i. pipe culv. with No. 8 c. b. c. i. pipe culv. with No. 9 c. b., 3673 sq. yds. grading and surf. with oil and screenings. Cert. or cash. check or bond 10%. L. E. Lampton, clerk.

WATSONVILLE, Santa Cruz Co., Cal.—Board of Aldermen contemplate bond election to finance installation of new sewer mains. H. B. Kitchen, city eng.

OROVILLE, Butte Co., Cal.—F. W. Whitlock, Chico, at \$1.50 lin. ft. submits low bid to supervisors to imp. Las Plumas road. Lon Hungington, Oroville, only other bidder at \$2.50 lin. ft.

STOCKTON, San Joaquin Co., Cal.—Irey and Holden, Lodi, at \$4190 awarded cont. by supervisors to imp. Perry road, involv. 1300 cu. yds. cut; 650 cu. yds. fill; 1400 tons road gravel; 340 lin. ft. 8-in. and 100 lin. ft. 15-in. corr. pipe culvert.

LOS ANGELES, Cal.—Until Sept. 15 bids will be rec. by Supervisors to imp. 120th Ave. and other sts., involv. 14,001 cu. yds. excav., 12,028 lin. ft. curb, 55,562 sq. ft. walk, 601 sq. ft. 5-in. gutter, 30,791 sq. yds. d. g. Cert. or cash. chk. or bond 10%. L. E. Lampton, clerk.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, declares inten. to imp. Avis rd. bet. San Antonio and San Luis Road and portion of San Antonio Ave., involv. grading; const. conc. curb and gutter; macadamizing; 7-in. by 30-in. conc. and corr. iron culverts with 5-in. by 24-in. branch culverts, curb inlets and junction basin; nine 4-in. lateral sewers. 1911 Act. Protests Sept. 16.

ANTIOCH, Contra Costa Co., Cal.—Tibbals, Percival and Cress, Forum Bldg., Sacramento, awarded cont. by city trustees to imp. 10th St., bet. G and Diarmid Sts., involv. grading, .75 cu. yd. 5-in. Fort cem. conc. pave, .18; conc. curb, .60; 8x24-in. semi-circular corr. iron culvert, \$3 lin. ft.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 11, bids will be rec. by bd. pub. wks. for Portland cem. for Secs. 6, 7 and 8 of an outfall sewer.

OROVILLE, Butte Co., Cal.—Chico Contracting Co., Chico, awarded cont. by council to imp. portions of Orange St., Hamon Ave., etc., involv. grading, excav., \$150 cu. yd. grading, emp. bankment, \$150 cu. yd.; Warrentite-bit, pave on asph. conc. base, .21; cem. conc. curb, .65; cem. conc. gutter, .50

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, clerk, declares inten. to const. 36-in. cem. conc. pipe storm sewer in Union St., from Murray St. to pt. 12-ft. north of Whipple St., and 36-in. cem. conc. pipe storm sewer in Whipple St., from Union to Broadway St., including cem. conc. pipe drainage branches; cem. conc. storm sewer manholes with c. i. frames and covers; cem. conc. catchbasins and vit. pipe drainage laterals connected to sewer. 1911 Act & Bond Act 1915. Protests Sept. 16. Harry H. Hannah, city engineer.

SANTA ANA, Cal.—Until 7:30 p. m., Sept. 15, bids will be rec. by city trustees to imp: Fairlawn St., bet. 5th St. and 104 ft. s. of W 8th St., involv. approx. 1494 lin. ft. 6-in. san. sew; 2 m. h.; 1 f. t.; 1 lamphole.

Broadway, bet. n. line of Tr. No. 352 and Fairview Ave., and in Sycamore St and Russell St. and Russell Ave., involv. approx. 44,115 sq. ft. grade and 5½-in. asph. conc. pave, 41,523 sq. ft. grade and 5-in. asph. conc. pave; 26 ft. curb.

COLUSA COUNTY, Cal.—Until Sept. 29, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel or stone, 6.9-mi. in Colusa county, bet. ½-mi. west of Freshwater Creek and Williams, W. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

PASADENA, Cal.—Original proceedings to imp. Green St., bet. Marengo and Hill Aves., have been abandoned, and resolutions of intention Nos. 5053 and 5054 adopted as approved by property owners, who approved former design. Date for hearing protests has been set for 10 a. m., Sept. 10. Res. 5053 calls for work under 1911 act and 1915 bond act, involv. 31,321 cu. yds. (7390 lin. ft.) grading; 861,670 sq. ft. 7-in. pipe, const. paving with 2-in. asph. concrete wear, surf.; 10,805 ft. curb; 29,983 sq. ft. gutter; 162,735 ft. walk; complete st. lighting sys.; 8199 ft. 12-in. sewer pipe; 7455 ft. 8-in. sew. pipe; 66 m. h.; 2 f. t.; 238 12x6 wye branches; 257 8x6 wye branches. Res. 5054 calls for underground conduit sys. for dom. light and power, imp. act 1924, Pasadena ord. 2242, involv. 1 main 3½-in. fibre ducts lin. conc. running length of streets with manholes, and laterals to property. Public Serv. Corps. will install water and gas mains and telephone ducts. Although date for receiving bids has not been set, plans and estimates will be available to bidders on and after Aug. 29 at 31 N Fair Oaks Ave.

FULLERTON, Cal.—Until 7:30 p. m., Sept. 16, bids will be rec. by city trustees to imp. alleys in blks. 8, 9, 16, 17, 20, 28 and 29, involv. 5-in. asph. conc. paving; 1911 act. F. C. Hezmalhalch, city clerk.

SAN PABLO, Contra Costa Co., Cal.—San Pablo Sanitary District, R. V. March, secy., declares inten. to const. 6 and 8 in. c. i. pipe sewers in portions of Alvarado St., 2d St., 3d St., 4th St., 5th St., 6th St., 7th St., 8th St., 9th St., 10th St., 11th St., 12th St., 13th St., 14th St., 15th St., 16th St., 17th St., 18th St., 19th St., 20th St., 21st St., 22nd St., 23rd St., 24th St., 25th St., 26th St., 27th St., 28th St., 29th St., 30th St., 31st St., 32nd St., 33rd St., 34th St., 35th St., 36th St., 37th St., 38th St., 39th St., 40th St., 41st St., 42nd St., 43rd St., 44th St., 45th St., 46th St., 47th St., 48th St., 49th St., 50th St., 51st St., 52nd St., 53rd St., 54th St., 55th St., 56th St., 57th St., 58th St., 59th St., 60th St., 61st St., 62nd St., 63rd St., 64th St., 65th St., 66th St., 67th St., 68th St., 69th St., 70th St., 71st St., 72nd St., 73rd St., 74th St., 75th St., 76th St., 77th St., 78th St., 79th St., 80th St., 81st St., 82nd St., 83rd St., 84th St., 85th St., 86th St., 87th St., 88th St., 89th St., 90th St., 91st St., 92nd St., 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Architects—Engineers— City and County Officials

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The Mercury Press

818 Mission Street
San Francisco

STOCKTON, San Joaquin Co., Cal.—City Moving, 111 E-Weber St., Stockton, at \$5,199 submits only bid to connect to imp. Bonnie Lane and N-Commerce St., bet. Alpine and Fulton Aves., and Kules and Pacific Ways and Euclid Aves., bet. Lower Sacramento Rd. and east boundary of Pacific Manor, incl. involving grading; const. conc. curbs and gutters; const. conc. walks, pave with 4-in. cementing gravel base with 2-in. asphalt surface, also portions of Lower Sacramento Rd., involving grading; const. conc. curbs and gutters; const. conc. walks, pave with 2 1/2-in. asphalt surface, also portions of Alpine Ave., involving grading; const. conc. curbs and gutters, const. conc. walks. Referred to City Eng. W. B. Hogan for report.

UKIAH, Mendocino Co., Cal.—J. W. Pickle and M. A. Christy, at \$.68 cu. yd. excavation including clearing and \$75 per M for lumber in culverts and bridges, awarded cont. by supervisors from port. of Sec. 4 of Spy Rock road.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 16, 11 a. m., bids will be rec. by H. B. Miller, county clerk, to const. conc. culvert in Larkin Valley Road, Sequel Rd. Dist. Plans obtainable from County Surveyor L. B. Bowman on deposit of \$5, returnable.

OAKLAND, Cal.—Council, Eugene K. Sturgis, clerk, declares inten. to const. conc. curbs in Chabot rd. Claremont & College Aves. 1911 Act. Protests Sept. 18. W. W. Harmon, city eng.

SAN RAFAEL, Marin Co., Cal.—A. G. Raich, 46 Kearny St., San Francisco, at \$928 submits low bid to city council to imp. Maple St., bet. Lincoln Ave. and McCreia Ave., invol. 4-in. asphalt surface; const. conc. curbs and gutters; 2 conc. and corr. iron culverts; 2 catch-basins; 6-in. ironstone sewer; 19 4-in. ironstone house sewers; 1 br. manhole.

OAKLAND, Cal.—Election will be called shortly to vote bonds of approx. \$1,250,000 to finance construction of outfall sewers for West and East Oakland including Melrose and Fruitvale sections. W. W. Harmon, city eng.

SACRAMENTO, Cal.—Until Sept. 22, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to gravel following roads: Ring road, 1 mile Dillard-Blake rd. 2 mi.; Don Ray Colony rd. 2 mi.; Christensen rd. 2 mi.; Orr rd. 1 1/2 mi.; Schultz rd. 1 1/2 mi.; Gerber rd. 3 mi.; Elk Grove-Walsh rd. 3 mi.; and Calif. Vineyard rd. 2 mi. Plans on file in office of city clerk and obtainable from County Eng. Chas. J. Deterding, Jr.

ANTIOCH, Contra Costa Co., Cal.—Tibbals, Percival and Cress, Forum Bldg., Sacramento, at \$10,491 awarded cont. by city trustees to imp. 10th St., invol. 41,560 sq. ft. conc. pave, \$18; 1692 ft. curb, \$.60; grading, \$.32; yd. Other bids: F. F. McIntyre, \$12,192; R. J. Blanco, \$11,947; F. Stamm, \$11,391; Blumenkranz and Vernon, \$12,093.

OAKLAND, Cal.—City Eng. W. W. Harmon completes spec. to imp. Boden Way bet. Prospect Ave. and Beacon St., invol. 5721 cu. yds. excavation; 1575 lin. ft. conc. curb; 3160 sq. ft. gutter; 19,802 sq. ft. oil macadam pavement; 7925 sq. ft. cem. walks; 17 lin. ft. rein. conc. culverts; 44 lin. ft. 10-in. pipe conduit with conc. covers; 708 lin. ft. 8-in. pipe sewers; 4 manholes; 3 lampholes; 1 conc. inlet; 1 handhole; 28 yds. branches.

OAKLAND, Cal.—City Eng. W. W. Harmon completes spec. to imp. Shattuck Ave., bet. Telegraph Ave. and north boundary of city, invol. 199,872 sq. ft. grading; 11,371 lin. ft. conc. curb with steel guard; reset 425 lin. ft. granite curb; 12,263 sq. ft. conc. gutter; 8 yd. cem. conc. walks, curbs, gutters; 136,540 sq. ft. 2-in. Warrenite-Elt pave on 8-in. mac. conc. base; \$10 lin. ft. 8x29-in. and 264 lin. ft. 7x24-in. corr. iron and conc. culvert; 1 storm water inlet.

Spec. also completed to imp. portions of Harrington Ave., invol. 194 lin. ft. cem. walks; 69 cu. ft. conc. steps including iron stair rails.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares inten. to imp. Union St., bet. 1st and Orchard Sts., invol. grading and paving with 1 1/2-in. Warrenite-Elt pave and 3-in. bituminous conc. base; 8 yd. cem. conc. walks, curbs, gutters; 2 hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Sept. 15. Wm. Popp, city engineer.

MONTREY, Monterey Co., Cal.—Until Sept. 16, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to imp. portions of Alvarado, Franklin, Washington, Terry and Adams Sts., involving grading; pave with 4-in. asphalt conc. base with 2-in. asphalt conc. surface. Cert. check 10% payable to city reg. H. D. Severance, city eng.

SAN FRANCISCO—L. J. Cohn, 110 Sutter St., at \$19,479.63 submits low bid to Bd. Pub. Wks. to const. rein. conc. sewer in Great Highway betw. Ortega and Revere Sts. Other bids were: John Garden, \$20,362; Municipal Const. Co., \$21,941; Jas. M. Smith, \$22,222; C. B. Cowden, \$22,635; Grant and Hart, \$23,241; Schultz Const. Co., \$23,729; Manuel Smith, \$24,008; Frank Bryant, \$24,147; Martin Murphy, \$27,586; Frederickson and Shannon, \$30,143.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. to imp. 17th St., from Rose St. to Berryessa rd. in supervisors dist. No. 8.

SAN JOSE, Santa Clara Co., Cal.—John Doyle, 660 N 10th St., San Jose, at \$2787 awarded cont. by supervisors to imp. Mariposa Ave. in supervisor Dist. No. 4.

BELMONT, Cal.—See "Miscellaneous Building Construction" column in this issue. Sewers, pavement, etc., for 25 miles of streets.

INGLEWOOD, Cal.—Until 8 p. m., Sept. 15, bids will be rec. by city trustees to imp. alleys in Valley View rd. bet. 11th and 11 1/2 Sts., invol. 11,178 sq. ft. 5-in. mac. paving; 1911 act and 1915 bond act. Cert. check or bond 10%. Otto H. Duelle, city clerk.

MONTREY, Monterey Co., Cal.—Until Sept. 16, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to imp. Decatur St., bet. Alvarado and Pacific Sts., invol. grading; const. conc. curbs, gutters and walks, pave with 2 1/2-in. asphalt conc. base with 1-in. asphalt surface; 6-in. vit. pipe culverts with 22 yds. branches; inspection holes; under-way branch; const. system of 1 1/2-in. dia. 1911 Act & Bond Act 1915. Plans on file in office of clerk. H. D. Severance, city engineer.

SISKIYOU COUNTY, Cal.—A. J. and J. L. Fairbanks, 625 Market St., San Francisco, at \$12,994.91 furnishing powder and \$12,994.91 furnishing powder, submitted lowest combined bid to U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. Duncan creek section and Woolley Creek sections (combined bid) of Salmon River Nat'l Forest road in Siskiyou county, approx. 6.76 mi. in length, invol. 32 acres clearing; 154,972 cu. yds. unclassified excavation; 1346 lin. ft. corr. metal pipe; 147 cu. yds. cement masonry; 390 lin. ft. 14-ft. log bridges; 2967 sq. ft. log cribbing.

Following is complete list of bids received: (a) contractor furnish explosive; (b) Gov't furnish explosive:

Duncan Creek Section		
Burr	\$86,790.75	\$62,322.71
Fairbanks	127,904.94	127,056.90
Logan	131,691.18	70,670.00
Palmer & McBride	68,028.52	68,028.52
Inland Constr. Co.	55,812.06	81,812.06
Engineer's Est.	66,775.00	63,202.29
Woolley Creek Section		
Burr	\$8,367.00	\$8,637.00
Fairbanks	77,294.40	70,994.40
Logan	96,312.00	92,712.00
Palmer & McBride	80,313.00	80,313.00
Inland	111,195.00	105,793.56
Engineer's Est.	80,347.20	74,687.20
Duncan and Woolley Creek Sections Combined		
Burr	\$152,007.75	\$141,159.71
Fairbanks	205,904.94	127,056.90
Logan	195,358.84	159,486.12
Inland Constr.	155,358.84	168,060.52
Dunn & Baker	150,286.62	142,538.02
Nevada Con. Co.	138,674.85	130,326.26
A. D. Kerner	138,674.85	132,266.22
W. S. Mead	149,492.50	141,743.90
John Hampshire	142,525.22	133,226.90
Joplin & Elton	146,275.30	140,076.42
W. W. Williams	166,372.70	.....
Williams & Single	159,704.98	151,956.38
Erickson & Peterson	172,192.12	164,442.50
Jos. F. Clarkson	182,881.00	177,838.08
Engineer's Est.	147,168.75	137,870.47

MONTREY, Monterey Co., Cal.—Until Sept. 16, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to imp. Hawthorne St., bet. n line U. S. Military Reservation and south line of David Ave., invol. paving with 2 1/2-in. asphalt conc. (Willite process) surface laid on existing macadam base and Hawthorne St., bet. a line of David Ave. and boundary line bet. cities of Monterey and Pacific Grove, invol. grading; pave with 3 1/2-in. asphalt conc. (Willite process) surface; const. conc. curbs and gutters; 29 sidewalk crossings; 6 corr. iron culverts. 1911 Act & Bond Act 1915. Plans on file in office of clerk. H. D. Severance, city engineer.

MONTREY, Monterey Co., Cal.—Until Sept. 16, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to improve Lighthouse Ave., bet. n line U. S. Military Reservation and boundary betw. cities of Monterey and Pacific Grove, invol. grading; pave with 3 1/2-in. macadam base with 2 1/2-in. asphalt surface; const. conc. gutters. 1911 Act and Bond Act 1915. Plans on file in office of clerk. H. D. Severance, city eng.

EL CERRITO, Contra Costa Co., Cal.—Until Sept. 12, 8 P. M., bids will be rec. by town trustees to imp. Pomona Ave., invol. 16,150 sq. ft. asphalt macadam pave; 950 lin. ft. curb; 1900 sq. ft. gutter; 1900 sq. ft. walks; 23,750 sq. ft. grading; 70 lin. ft. 48-in. corr. iron culvert. 1911 Act. Plans on file in office of town clerk. Rose E. Calfee, 221 So. 32nd St., Richmond, engineer.

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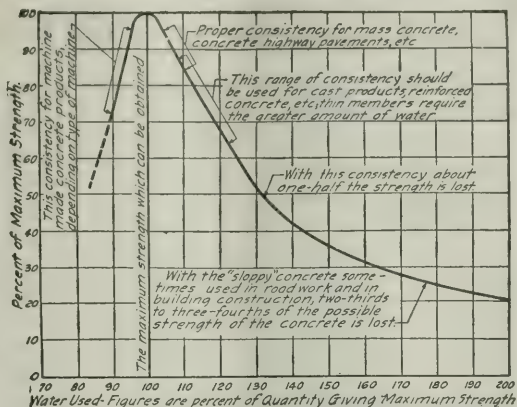
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Pittsburgh
Portland, Oreg.

Salt Lake City
San Francisco
Seattle
St. Louis
Vancouver, B. C.
Washington, D. C.

ARCHITECT—None.
Contractor—Joseph Howard, 118 34th Ave., San Francisco. \$1800

DWELLING.
(36622) E THIRTY-FIFTH AVE 275 S. Apts. One-story and basement frame dwelling.
Owner—J. E. Ochs, 559 2nd Ave., S. F.
Architect—E. Erickstad, 145 Sutter St., San Francisco. \$2000

ADDITION.
(36623) NE EIGHTH AVE & JUDAH. Const. addition of two apartments over store.
Owner—Ellen Collins, 307 Judah St., San Francisco. \$6000
Architect—None.

RESIDENCE.
(36614) N VERBA BUENA 151 E Santa Clara Ave. Two-story and basement frame residence.
Owner—Mr. and Mrs. S. J. Vogel, 315 Montgomery St., San Francisco.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Architect—Meadows Bros., 4792 Mission St., San Francisco. \$7000

DWELLINGS.
(36655) E THIRTY-FIRST AVE 150 and 200 N Irving and E 43rd Ave 350 S Lincoln Way. Three one-story and basement frame dwellings.
Owner—Bernhardt Bldg. Co., 582 Grove St., San Francisco. \$2000 each
Architect—None.

FLAT AND ROOMS.
(36656) SE STILLMAN 266 SW Second. One-story brick storage rooms.
Owner—Arthur Edwin, 180 Jessie St., San Francisco.
Architect—M. A. Sheldon, 180 Jessie St., San Francisco. \$6000

ALTERATIONS.
(36677) W GUERRERO 27 N 18th. Remodeled flat for store; plaster front; composition flooring, etc.
Owner—J. Welsh, 570 Jersey St. S. F.
Architect—E. Essmann, 277 Diamond St., San Francisco.
Contractor—J. F. McCarthy, 437 Eureka St., San Francisco. \$1685

DWELLINGS.
(36678) E THIRTY-SECOND AVE 250, 325 and 375 N Taraval. Three one-story and basement frame dwellings.
Owner—Parkside Realty Co., 618 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$4000 each

DWELLING.
(36679) S FIFTEENTH opp. Buena Vista Terrace (Flint Tract). One-story and basement frame dwlg.
Owner—P. J. Phelan, 519 14th Ave., San Francisco.
Architect—None. \$3000

DWELLING.
(36800) S FIFTEENTH 451 W Beaver. One-story and basement frame dwelling.
Owner—P. J. Phelan, 519 14th Ave., San Francisco.
Architect—None. \$3000

DWELLING.
(36811) W NEWTON 75 N Brunswick. One-story and basement frame dwelling.
Owner—W. E. Grosman, 17 Curtis St., San Francisco.
Architect—None. \$3000

DWELLINGS.
(36822) E SAN JOSE AVE 30 and 55 N Capistrano. Two one-story and basement frame dwellings.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. \$3000 each

STORE, ETC.
(36833) SW CLARA AND RITCH STS. One-story concrete store and warehouse.
Owner—W. A. Clauser, 278 Minna St., San Francisco.
Plans by Owner.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$5000

WAREHOUSE.
(36844) E THIRD 85 S Nineteenth. Two-story and basement brick light manufacturing plant and warehouse.

Owner—M. Levin Sons, 3rd and 19th Sts., San Francisco.
Architect—W. Spiroek. \$6000

DWELLING.
(36853) W TWENTY-SECOND AVE 150 S. Santiago. One-story and basement frame dwelling.
Owner—M. P. Storheim, 201 Caselli Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$2000

DWELLINGS.
(36866) W FUNSTON AVE 100 and 125 N Kirkham. Two one-story and basement frame dwellings.
Owner—John E. McCarthy, 1479 12th Ave., San Francisco. \$3000 each
Architect—None.

DWELLING.
(3687) W REVERE 50 N Hawes. One-story and basement frame dwlg.
Owner—F. H. Stewart, 1203 Revere Ave., San Francisco.
Plans by Owner. \$2000

DWELLINGS.
(36888) W TWENTY-SECOND AVE 225 and 250 S Santiago. Two one-story frame dwellings.
Owner—D. L. Merriam, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000 each

FLATS.
(3689) E THIRTY-THIRD AVE 225, 250, 275 and 300 W Fulton. Four two-story and basement frame flats (2 in each building).
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Setern, 742 Market St., San Francisco. \$8500 each

DWELLING.
(3690) S JACKSON 68-9 W Powell. One-story and basement frame dwelling.
Owner—Chas. Mangelot, 73 John St., San Francisco.
Architect—Will H. Teopke, 72 New Montgomery St., San Francisco.
Contractor—Fred Schrepper, 142 27th St., San Francisco. \$3000

DWELLING.
E TWENTY-SECOND AVE 75 S Lincoln Way. One-story and basement frame dwelling.
Owner—Virginia Sciaroni.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000

DWELLING.
N QUESADA 75 E Ingalls. One-story and basement frame dwelling.
Owner—A. Gardono, 2135 Taylor St., San Francisco.
Architect—None.
Contractor—G. Baghiani, 223 Bay St., San Francisco. \$1000

FLAT BLDG.
(3691) W BAKER 125 S Fulton S 25 x W 125. 2-story and basement flat building.
Owner—A. C. Reader, 399 Divisadero St., San Francisco.
Plans by contractor.
Contractor—Frank Antonelli, 3415 22nd St., San Francisco.
Filed Aug. 28, 1924. Dated Aug.—, 1924
1st floor joist on \$ 700
2nd floor joist on 1000
Roof sheathing on 1000
Brown coated 2700
Completed and accepted 2700
Usual 35 days 2700
TOTAL COST, \$10,800
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

FLATS.
(3692) W DIVISADERO 50 S Francisco. All work for 2-story and basement frame bldg. Bldg.
Owner—Marie Forman, Mills Bldg., San Francisco.
Plans by Owner.
Contractor—C. F. Parker, 251 Kearny St., S. F.
Filed Aug. 28, 1924. Dated Aug. 22, 1924
Roof on \$2307.50
Brown coated 2307.50
Completed 2307.50
Usual 35 days 2307.50
TOTAL COST, \$9230

Bond, \$4615. Sureties, K. E. Parker and R. K. Reed. Forfeit, none. Limit, 100 days after Aug. 26, 1924. Plans and specifications not filed.
NOTE—Permit reported Aug. 25, 1924 No. 3624.

FRAME BLDG.
(3693) E THIRTY-THIRD AVE. 225 S Balboa, S 25 x E 120. All work for 2-story frame building.
Owner—Thos. and Nora Collier, 365 11th Ave., S. F.
Plans by Contractor.
Contractor—Bryan Feick, 253 Downey St., S. F.
Filed Aug. 28, 1924. Dated Aug. 15, 1924
Roof on \$1887.50
Brown coated 1887.50
Completed 1887.50
Usual 35 days 1887.50
TOTAL COST, \$7550

Bond, \$3775. Sureties, Jos. Howard and Wm. J. Mannix. Forfeit, none. Limit, 120 days. Plans and specifications not filed.

APARTMENTS.
(3694) S BAY 250 E Octavia. 2-story and basement frame (4) apts.
Owner—Mrs. B. Cooley, 5331 Geary St., San Francisco.
Architect—None.
Contractor—Stempel and Cooley, 5331 Geary St., S. F. \$9000

DWELLING.
(3695) S BALBOA 57-6 E 29th. 1-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. \$4000

DWELLING.
(3696) S E BRUNSWICK 385 W Whittier. 1½-story and basement frame dwelling.
Owner—August Saunier, 769 Brunswick St., San Francisco.
Architect—None. \$3950

DWELLING.
(3697) 1411 BRUNSWICK ST. 1-story and basement frame dwelling.
Owner—H. Rosskamp, 1447 Divisadero St., San Francisco.
Architect—None.
Contractor—M. Anderson, 1612 Pacific Ave., S. F. \$3000

DWELLING.
(3698) W THIRTY-THIRD AVE 300 S California. 1-story and basement frame dwelling.
Owner—W. R. Johnston.
Architect—None.
Contractor—Henry S. Nelson, 682 6th Ave., San Francisco. \$4000

REMODEL.
(3699) E KENTUCKY bet. 20th and 22nd Sts. Remodel driveway for oil and varnish store room and painting grinding room.
Owner—American Can Co., Mills Bldg., San Francisco.
Chief Engineer—C. G. Preis, New York
Contractor—Wm. Nopper Jr., care Am. Can Co., Mills Bldg., S. F. \$1500

STORES.
(3700) N TARAVAL 35 E 20th Ave. 1-story frame stores.
Owner—John Hill.
Architect—Edward E. Young, 2002 California St., S. F. \$4000

ALTERATIONS.
(3701) 1126-28 MARKET STREET. Erect plaster partition; new show windows; magnesite flooring; and plumbing, etc., for store.
Owner—S. Winer, Santa Clara.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., S. F. \$3500

DWELLING.
(3702) E FORTY-FOURTH AVE. 125 S Geary. 1-story & basement frame dwelling.
Owner—C. Carroll Reed, 683 7th Ave., San Francisco.
Plans by owner. \$3360

CLASS C BLDG.
(3703) SE FIFTH AND BRYANT. All work, carpenter, mill, cabinet, stairs, composition flooring, painting, rough hardware, for 2-story class C bldg.
Owner—Jas. Graham Mfg. Co., 531 Mission St., S. F.

Architect—W. H. Crane, 1000 Broadway, New York, N. Y.
Contractor—Home Manufacturing Co.,
552 Brannan St., S. F.
Filed Aug. 29, '24. Dated Aug. 29, '24.
Completed and accepted..... \$20,000
Usual 30 days. TOTAL COST, \$20,000

Bond \$2000. Sureties, Geo. Lutz and
Wm. Ruegg, Ltd. 120 days. Forfeit,
none. Plans and specifications filed.

SCHOOL.
3700 E. POLK ST. 1914 & 1915.
Three-story reinforced
concrete school.
Owner—N. D. Jones, College Prep.,
Architect—A. H. Knoll, Hearst Bldg.,
Kearny St., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson
St., San Francisco. \$87,000

ALTERATIONS.
1014 E. JACKSON. Interior
alterations and repairs to residence.
Owner—H. D. McWay, Promises.
Architect—None.
Contractor—Freeman & Son, 1729
Larkin St., San Francisco. \$2,000

ALTERATIONS.
137 E. NE EIGHTEENTH AND SAN
BRUNO AVE. 1-story residence.
first floor: re-arrange partitions;
plastering, painting, etc. for 2-3
days.
Owner—John Thos. Tador, 80 San
Bruno Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg.,
San Francisco. \$1,500

ALTERATIONS.
157 N. S. JACOBSON. Re-arrange par-
titions on 2nd and 3rd floors for
club rooms.
Owner—Chinese Chamber of Commerce,
154 Sacramento St., S. F.
Architect—R. W. Jenkins, 155 Diamond
St., San Francisco.
Contractor—Barnett & Hild, 218 Market
St., San Francisco. \$4,500

ALTERATIONS.
3708 E. TRUMBULL. Addi-
tional cottage; construct cement floor and
foundation.
Owner—Mrs. E. Fleming, Promises.
Architect—None.
Contractor—Carl Frank, 305 Beana St.,
San Francisco. \$1,250

HEATING, ETC.
3708 E. POST AND MASON. All
work for heating, ventilating and
plumbing for building.
Owner—The Medico Dental Building
Corp.
Architect—Geo. W. Kelham and Wm. G.
Merchant, Sharon Bldg., S. F.
Contractor—C. Turner Co., 272 Na-
toma St., San Francisco.
Filed Aug. 30, '24. Dated Aug. 19, '24.
6 equal payments as follows:
Roughing in 300,000.....
Boiler room equipment 100,000.....
Completed and accepted.....
on and 6th installments 35 days
after to be paid in shares of
stock of said building.
TOTAL COST not to exceed \$148,000
plus \$10,000 for contractor.
Bond, \$248,000. Surety, Globe Indem-
nity Co. Limit, forfeit, plans and speci-
fications, none.

CLASS PLUMBING, HEATING, AND
ventilating equipment on above.
Contractor—The Turner Co., 272 Na-
toma St., San Francisco.
Filed Aug. 30, '24. Dated Aug. 19, '24.
Payments made as above.
TOTAL COST not to exceed \$41,000 plus
\$6,000 contractor's fee.
Bond, \$50,000. Surety, Globe Indem-
nity Co. Limit, 250 days. Forfeit, plans
and specifications, none.

FLATS.
1011 S. GREEN 208 E. Bayshore E.
20800 137-5. All work for 2-
story and basement frame flats.
Owner—Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz,
1011 S. Green, 208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

20800 137-5. All work for 2-
story and basement frame flats.
Owner—Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz,
1011 S. Green, 208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

DWELLING.
37121 E. THIRTY-NINTH AVE 75 S
(37121) E. THIRTY-NINTH AVE 75 S
Cable 137-5. All work for one-
story and basement frame
dwelling.
Owner—Marion & Amelia E. Silva, 632
21st Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1st National
Bldg., 1010, San Francisco.
Filed Aug. 29, '24. Dated Aug. 12, '24.
Sides and roof sheathing on..... \$1399.63
Completed..... 1299.62
Usual 30 days. TOTAL COST, \$2699.25
Bond, none. Limit, 30 days. Forfeit,
plans and specifications, none.

DWELLING.
123 N. IRVING 123 W 42nd Ave. All
work for one-story and basement
frame dwelling.
Owner—Jas. A. Cadden.
Architect—Robinson & Johnston, 1943
Contractor—Robinson & Johnston, 1943
Anza St., San Francisco.
Filed Aug. 29, '24. Dated Aug. 29, '24.
Roof on..... \$1400
Brown coated..... 1250
on 1st flr..... 750
Usual 30 days. TOTAL COST, \$3350
Bond, none. Limit, 30 days after Sept.
1. Forfeit, none. Plans and specifica-
tions filed.

CLASS B BLDG.
157 E. JONES 157 E N Turk N 57-6
NE 107-6. General contract for
Class C steel frame building.
Owner—Musicians' Hall Assn., 68
Haight St., San Francisco.
Architect—Sylvain Schnaittacher, 233
Post St., San Francisco.
Contractor—C. P. W. Jensen, 320 Mar-
ket St., San Francisco.
Filed Aug. 30, '24. Dated Aug. 23, '24.
on and of each month..... 750
Usual 30 days. TOTAL COST, \$4,950
Bond, \$27,470. Sureties, John A. Gren-
nan and Geo. W. Hooper. Limit, 150
days. Forfeit, \$50. Plans and speci-
fications filed.

(3715) STRUCTURAL STEEL WORK
on above.
Contractor—Central Iron Works, 2050
Bryant St., San Francisco.
Filed Aug. 30, '24. Dated Aug. 23, '24.
Payments same as above.....
TOTAL COST, \$11,250
Bond, \$6625. Sureties, Anselmo T.
Schuler and Geo. S. Green. Limit, 45
days. Forfeit, \$50. Plans and speci-
fications filed.

(3716) ELECTRIC WIRING ON ABOVE
Contractor—Atlas Electric Co., 185
Stevenson St., San Francisco.
Filed Aug. 30, '24. Dated Aug. 23, '24.
Payments same as above.....
TOTAL COST, \$1681
Bond, none. Limit, without delay.
Forfeit, \$50. Plans and specifications
filed.

(3717) PLUMBING AND HEATING ON
above.
Contractor—Scott Co., 243 Minna St.,
San Francisco.
Payments same as above.....
TOTAL COST, \$6843
Bond, \$3422. Sureties, H. M. Van Pelt
and Peter F. Scott. Limit, without
delay. Forfeit, \$50. Plans and speci-
fications filed.

(3718) ELEVATOR WORK ON ABOVE
Contractor—Spencer Elevator Co., 166
7th St., San Francisco.
Filed Aug. 30, '24. Dated Aug. 23, '24.
Installation of girders..... 1/4
On delivery of engine..... 1/4
On completion..... 1/4
TOTAL COST, \$8783
Bond, \$1893. Sureties, F. M. Spencer
and A. F. Sharp. Limit, without delay
after \$50. Plans and specifications
filed.

RESIDENCE.
154-6 E. BAYSHORE 154-6 E. Bayshore
Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz, 1011 S. Green,
208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

DWELLINGS.
SW HOLLOWAY & BEVERLY
SW HOLLOWAY & BEVERLY. 2-
story and basement frame dwlg.
Owner—Urban Realty Improvement Co.,
41 Montgomery St., S. F.
Architect—Leonard & Holt,
Contractor—Leonard & Holt, 41 Mont-
gomery St., S. F. \$6000 each

DWELLINGS.
137 E. MONCADA 137 E 230 and 230
L. Jumper, Santa Lind. Three-story
and basement frame dwlg.
Owner—Urban Realty Improvement Co.,
41 Montgomery St., S. F.
Architect—Leonard & Holt,
Contractor—Leonard & Holt, 41 Mont-
gomery St., S. F. \$6000 each

DWELLING.
154-6 E. BAYSHORE 154-6 E. Bayshore
Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz, 1011 S. Green,
208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

DWELLING.
123 N. IRVING 123 W 42nd Ave. All
work for one-story and basement frame
dwelling.
Owner—James Cadden.
Architect—None.
Contractor—Robinson & Johnston, 1943
Anza St., S. F. \$3500

DWELLING.
123 E. ALVISO 123 E Urbano Drive.
Two-story and basement frame
dwelling.
Owner—Urban Realty Improvement Co.,
41 Montgomery St., S. F.
Architect—Leonard & Holt,
Contractor—Leonard & Holt, 41 Mont-
gomery St., S. F. \$7000

DWELLING.
123 E. DELANO AND SENECA
1-story and basement frame dwlg.
Owner—G. Cademartori, 164 Seneca St.,
San Francisco.
Architect—None.
Contractor—A. Debernardi, 22 Cortez
St., S. F. \$5,000

RESIDENCE.
154-6 E. BAYSHORE 154-6 E. Bayshore
Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz, 1011 S. Green,
208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

FLATS.
1011 S. GREEN 208 E. Bayshore E.
20800 137-5. All work for 2-
story and basement frame flats.
Owner—Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz,
1011 S. Green, 208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

WAREHOUSE.
154-6 E. BAYSHORE 154-6 E. Bayshore
Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz, 1011 S. Green,
208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

DWELLINGS.
154-6 E. BAYSHORE 154-6 E. Bayshore
Wm. and Mary A. Reston, 1917
Green St., San Francisco.
Architect—John H. Merz, 1011 S. Green,
208 E. Bayshore E.
Filed Aug. 29, '24. Dated Aug. 12, '24.

OWING ANDERSON BROS., 1264 Noe St., San Francisco. \$2600 each.

DWELLINGS (3732) E FORTY-SIXTH AVE. 175 and 200 S. Cabrillo. Two 1-story and basement frame dwellings. Owned by Anderson, 1 Montgomery St., San Francisco. Architect—None. Contractor—Meyer Bros., 1 Montgomery St., S. F. \$2000 each.

DWELLINGS (3732) E FORTY-SECOND AVE., 25 and 70 S. Cabrillo. Three 1-story and basement frame dwellings. Owned by E. C. Smith, 5 Contractors. Architect—None. Contractor—Meyer Bros., 1 Montgomery St., S. F. \$2000 each.

DWELLING (3733) SE ELIZABETH AND DOUGLAS STS. 1-story and basement frame dwelling. Owner—George E. Browning, 573 Hill St., S. F. Architect—None. Contractor—Alfred Kromquist, 725 Elizabeth St., S. F. \$4000.

FLATS (3731) E OCTAVIA 25 S. Filbert. 2-story and basement frame (2) flats. Owner—Carl Fossa, 1786 Lombard St., San Francisco. Architect—None. Contractor—F. Rossi, 2816 Octavia St., San Francisco. \$7000.

BRICK BLDG. (3730) N. FOLSOM 75 W. Russ. 1-story and mezzanine floor brick industrial plant. Owner—N. Levin Sons, 361 and 19th Sts., S. F. Architect—C. Spivock. \$3000.

FLATS (3736) E BUCHANAN. Two-story and basement frame (2) flats. Owner—William Reston, 2550 Gough St., Apt. 4, S. F. Architect—None. Contractor—John H. Merz, 273 Lily St., San Francisco. \$19,000.

FRAME BLDG. (3736) E CAROLINA 275 N. 20TH ST. All work for 1-story and garage frame building. Owner—John and Mary Mordus, 820 Carolina St., S. F. Architect—T. A. Sourich, 625 Market St., S. F. Contractor—Co-operative Builders, 625 Market St., S. F. Filed Sept. 2, 1924. Dated Aug. 6, 1924. Monthly payments of \$50.00 commencing Aug. 31, 1924. TOTAL COST, \$3270 Bond, sureties, forfeit, none. Limit, 45 days. Specifications filed. Plans not filed.

DWELLINGS (3737) E NINETEENTH AVE 150 & 175 N. Quintana. Two one-story and basement frame dwellings. Owner—J. C. Schmidt, 136 Precita Ave., San Francisco. Architect—A. Schmidt, 136 Precita Ave., San Francisco. Contractor—John C. Schmidt, 136 Precita Ave., S. F. \$5000 each.

DWELLING (3738) N. URBANO DRIVE 350 W. Moncena Way. One-story and basement frame dwelling. Owner—G. W. Morris, 101 Urbano Dr., San Francisco. Architect—G. W. Morris. Contractor—G. W. Morris, 101 Urbano Drive, San Francisco. \$4000.

DWELLING (3740) E TWENTY-SIXTH AVE 140 N. Idaho. One-story and basement frame dwelling. Owner—Robert W. Hancock, 152 Ashbury St., San Francisco. Architect—None. \$1500.

DWELLING (3740) W. FORTYFIFTH AVE 75 N. Anza. One-story and basement frame dwelling. Owner—John F. Thurber, 551 77th Ave., San Francisco. Architect—None. \$3000.

DWELLING (3741) S. GREENWICH 150 W. Baker. One-story and basement frame dwelling. Owner—Robert Best, 201 Carolina St., San Francisco. Architect—None. Contractor—E. B. Davis, 380 Grand Ave., Oakland. \$5500.

DWELLING (3741) N. BALBOA 97 W. 29th Ave. One-story and basement frame dwelling. Owner—Geo. A. Bertram, 2831 Mission St., San Francisco. Plans by Owner. \$2000.

ALTERATIONS (3743) NO. 1212 JONES. Remodel interior of flats. Owner—Isaac Ezra, 522 Mills Bldg., San Francisco. Architect—None. \$1000.

ADDITION (3744) 1678 BROADWAY. Private garage and store room addition. Owner—Broadway Laundry Co., premises. Architect—None. \$1460.

RESIDENCE (3745) E THIRTY-FIFTH AVE. 250 N. Anza. 2-story and basement residence. Owner—A. Heiman, Pacific Bldg., S. F. Architect—S. Heiman, 57 Post St., S. F. Contractor—L. J. Cohn, 110 Sutter St., San Francisco. \$6500.

DWELLING (3746) W. VIENNA 25 S. FRANCE S 25 x W 100. All work for carpentry and concrete work, etc., for 1-story and basement frame dwlg. Owner—Salvatore Silvestre, 705 Naples St., S. F. Architect—Williams & Brouchoud, 1162 California St., S. F. Contractor—Ellis Cozza. Filed Sept. 3, 1924. Dated June 27, 1924. Rough frame completed. \$1640 Brown coated. 1040 Completed and accepted. 1040 Usual 35 days after. 1030 TOTAL COST, \$11550 Bond, \$2050. Sureties, Maryland Casualty Co. Forfeit, \$10.00. Limit, 60 days. Plans and specifications filed. NOTE—Permit reported Aug. 27, 1924 No. 3641.

STEEL WORK, ETC. (3747) NE CALIFORNIA AND MONTGOMERY STS. 113-2 W. 49-2 S. 10-1 W. 115-2 W. 87-6 All steel and iron work for addition and repairs to building. Owner—Marion L. Lord, Kohl Bldg., San Francisco. Architect—Henry H. Meyers, 1201 Kohl Bldg., S. F. Contractor—Pacific Structural Iron Works, 370 10th St., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. On first of each month. 75% 26 days after. 25% TOTAL COST, \$795 Bond, \$400. Sureties, Hartford Accident & Indemnity Co. Forfeit, \$20.00. Limit, 60 days. Plans and specifications filed.

(3748) BRICK WORK AND TILE partitions on above. Contractor—Mathis & Gale, 185 Stevenson St., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$4243 Bond, \$2125. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, \$20.00. Limit, 100 days. Plans and specifications filed.

(3749) CONCRETE, EXCAVATION, cement, reinforcing steel on above. Contractor—Richard J. H. Forbes, Monadnock Bldg., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$5794 Bond, \$2900. Sureties, The Aetna Casualty & Surety Co. Forfeit, \$20.00. Limit, 100 days. Plans and specifications filed.

(3750) STONE WORK ON ABOVE. Contractor—McGillivray Raymond Granite Co., 634 Townsend St., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$3695 Bond, \$1850. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, \$20.00. Limit, 75 days. Plans and specifications filed.

(3751) CARPENTER, MILL WORK, wood furnishings, painting of shaves, glass and glazing, stairs, hardware on above. Contractor—E. T. Leiter & Son, Call Bldg., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$2787 Bond, \$1400. Sureties, Globe Indemnity Co. Forfeit, \$20. Limit, 100 days. Plans and specifications filed.

(3752) SHEET METAL AND SKYLIGHTS ON ABOVE. Contractor—James E. Percy, 715 Lyon St., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$949 Bond, \$475. Sureties, Fidelity & Casualty Co. of New York. Forfeit, \$20. Limit, 80 days. Plans and specifications filed.

(3753) PLUMBING, ETC., ON ABOVE. Contractor—W. J. Forster, 355 4th St., San Francisco. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$578 Bond, \$290. Sureties, National Surety Co. Forfeit, none. Limit, 100 days. Plans and specifications filed.

(3754) ELECTRIC WIRING AND conduit work on above. Contractor—J. M. Carlson, 179 Minna St., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$365 Bond, \$185. Sureties, New Amsterdam Casualty Co. Forfeit, \$20. Limit, 80 days. Plans and specifications filed.

(3755) HEATING ON ABOVE. Contractor—The Turner Co., 272 Natoma St., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$580 Bond, \$290. Sureties, Globe Indemnity Co. Limit, 20 days after plaster done. Plans and specifications filed.

(3756) LATHING, FURRING, PLASTERING, cementing on above. Contractor—A. Knowles, Call Bldg., San Francisco. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Payments same as above. TOTAL COST, \$2372 Bond, \$1200. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 80 days. Plans and specifications filed.

(3757) ROOFING, FLASHINGS, ETC., on above. Contractor—Malott & Peterson, 2412 Harrison St., S. F. Filed Sept. 3, 1924. Dated Aug. 7, 1924. Completed and accepted. \$236 36 days after. TOTAL COST, \$315 Bond, \$160. Sureties, New Amsterdam Casualty Co. Forfeit, \$20. Limit, none. Plans and specifications filed.

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(3758). PAINTING, ETC., ON ABOVE.
Contractor—J. P. Fraser, 2809 Gary
St., S. F.
Filed Sept. 3, 1924. Dated Aug. 7, 1924.
Completed and accepted \$288
36 days after TOTAL COST, \$385
Bond, \$195. Sureties, Royal Indemnity
Co., forfeit, none. Limit, 20 days.
Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Aug. 25, 1924—N McLEA COURT &
9th N W 25 x N E 85 Laurence A.
Myers to O. W. Britt... Aug. 23, 1924
Aug. 25, 1924—E NINETEENTH AVE
125 N Taraval N 25 x E 120 W. F.
Altavero to Meyer Bros... Aug. 21, 1924
Aug. 29, 1924—S JACKSON 131 W
East W 25 x S 127-84. Mabel A.
W. Fritzen to whom it may concern
..... Aug. 26, 1924
Aug. 29, 1924—E THIRTY-SEVENTH AVE
150 N Balboa N 25 x E 120 G. A.
Bertram to whom it may concern
..... Aug. 29, 1924
Aug. 29, 1924—N MAYNARD 25
Concedon E 25 x N 100 Ptn Lot 24
Blk 12 Col. H. Assn. Clemente
& Eleonora Lombardi to Lindsay
Construction Co. Aug. 26, 1924
Aug. 29, 1924—LOT 15 BLK 1 ST
Francis Wood Extn No. 1 West-
gate Park Co. to Henry Papenhaus-
gale Park Co. Aug. 28, 1924
Aug. 29, 1924—N FLOOD AVE 250
E Edna E 25 x N 112-6 Lot 25 Blk
28 Sunnyside. The McCarthy Co. to
James Arnott & Son... May 28, 1924
Aug. 29, 1924—NE PERISA AVE
and Mission. P. Ferro to A. Milano
..... Aug. 28, 1924
Aug. 29, 1924—W PLYMOUTH AVE
75 N Lakeview W 24 x S 75 No. 809
Plymouth Ave. L. Merrick to E. L.
Phelps Aug. 28, 1924
Aug. 29, 1924—SE FOISON AVE
Spear S 275 thence 275 to Stewart
N 137-6 W 137-6 N 137-6 137-6.
Great Western Smelting & Refining
Co. to United Sheet Metal Works.
..... Aug. 20, 1924
Aug. 29, 1924—LOT BOUNDED BY
Humboldt, Michigan, Louisiana and
23rd. Pacific Gas and Electric Co.
to Golden Gate Iron Works...
..... Aug. 26, 1924
Aug. 29, 1924—NW 14TH AVE. AND
California 27-6 x 100. Strand &
Strand to whom it may concern.
..... Aug. 29, 1924
Aug. 25, 1924—W CUIVIER 100 S Bos-
worth 66 Cuiwier Leigh & May Hol-
lett to Johnson & Erickson...
..... July 31, 1924
Aug. 25, 1924—SE GRAFTON AND
Brighton Ave. S 25 x E 75 Ptn.
Lots 26, 27 & 28 E 1 Lakeview.
The McCarthy Co. to James Arnott
& Son Aug. 25, 1924
Aug. 27, 1924—SW LOWELL 153 NW
Brunswick 30x100. N E Lutz to
whom it may concern... Aug. 24
Aug. 27, 1924—W FORTY-EIGHTH
Ave 100 S Cabrillo S 50xW 120.
Niels Schultz to whom it may con-
cern Aug. 24, 1924
Aug. 28, 1924—W TWENTY-NINTH
Ave 100 N Balboa N 140 W 81-845
S 143 m or L E 78-2981. Meyer Bros.
to whom it may concern... Aug. 28, 1924
Aug. 28, 1924—W TWENTY-NINTH
Ave 100 S Balboa S 73-11 E 120 m
or L N to Meyer Bros to whom
it may concern... Aug. 28, 1924
Aug. 28, 1924—E THIRTY-NINTH
Ave 100 S Balboa S 25xE 120
Frederick Huebler to Meyer Bros.
..... April 24, 1924
Aug. 28, 1924—E CURTIS 125 N
Morse 25x100. Arthur B Stevens to
whom it may concern... Aug. 27, 1924
Aug. 28, 1924—S EIGHTY-THIRD
E Guerrero E 25xS 90. Charles O
Clausen to whom it may concern.
..... Aug. 28, 1924
Aug. 28, 1924—S CALIFORNIA 53-4 E
Seventeenth Ave 40x95-1 Ludwig
to Klaus Adler... Aug. 28, 1924
Aug. 28, 1924—LOTS 17 & 19 BLK 29
Amended Map Ingleside Terraces.
Gordon W. & Linnie Morris to
whom it may concern... Aug. 21, 1924
Aug. 28, 1924—P THIRTY-NINTH
Ave. 50 N Cabrillo 25 x 90. E 39th
Ave. 25 N Cabrillo 25x90. Herbert
W. Finck to whom it may concern
..... Aug. 25, 1924

Aug. 28, 1924—N GEARY 82-6 E 31st
Ave. E 100 x N 100. E. Getz to
Manfred Johnson
Aug. 28, 1924—S LAWTON 95 W 11th
Ave. 25 x 120. Erik G. Erikson to
Fred Warden Aug. 27, 1924
Aug. 28, 1924—E NINTH 35 S How-
ard 50x80. Louis A. Giacobbi to J.
H. Hjul Aug. 27, 1924
Aug. 28, 1924—E THIRTY-FOURTH
Ave. 150 S Lincoln Way S 25 x E
120. Hyrd O. Smith to whom it may
concern Aug. 27, 1924
Aug. 28, 1924—E PLYMOUTH AVE.
200 S Holloway Ave S 25 x 112.
Margaret Arnold to Frank A. Ar-
nold Aug. 26, 1924
Aug. 28, 1924—NE FLOOD AVE AND
GENESEE E 87 x N 50 Ptn Lots 8
& 9 Blk 12 Sunnyside. Ernest B.
Backman to whom it may concern
..... Aug. 15, 1924
Aug. 28, 1924—W POWELL 75 S
Union S 28 x W 70. C. Longhini
to Paul E. Martini Aug. 23, 1924
Aug. 28, 1924—NE FRANCISCO AND
Octavia 50 x 100. Joie Nicos to
whom it may concern... Aug. 28, 1924
Aug. 28, 1924—NW CALIFORNIA 25
Octavia N 87-6 x W 112-6. Edward
E. Youngs to whom it may concern
..... Aug. 28, 1924
Aug. 30, 1924—LOT 15 BLK 15 IN-
gleside Terraces. Herzog & Kees
to whom it may concern... Aug. 24
Aug. 30, 1924—W SIXTEENTH AVE
125 S Irving S 62-6 x 120. Arthur
H. Klahn to whom it may con-
cern Aug. 27, 1924
Aug. 30, 1924—TWENTY-EIGHTH
Ave. 100 N Clement N 25 x 120.
H. A. Meyer to Klaus Adler...
..... Aug. 30, 1924
Aug. 30, 1924—S POST 100 S 100
W 81 S 75 x E 85 E 94-6 N 100
C. W. Brinstad to Barrett & Hllp.
..... Aug. 25, 1924
Aug. 30, 1924—W SIXTEENTH AVE
350 N Judah N 62-6 x 20. Arthur
Skelly, J. M. A. Kohler to Arthur
H. Klahn Aug. 27, 1924
Aug. 30, 1924—S LINCOLN WAY 82-6
W 18th Ave. 25 x 100. G. E. Whit-
more to whom it may concern...
..... Aug. 28, 1924
Aug. 30, 1924—E CLAYTON 100 N
Demming 25 on Clayton & 95 E
25 S & 95 W to beg. Richard and
Gertrude Hughes to whom it may
concern Aug. 28, 1924
Aug. 30, 1924—N NEY 50 E CRAFT
50x110. Max K. Kallio to C. Lind-
berg Aug. 28, 1924
Aug. 28, 1924—FRANCISCO AND
Octavia 25 x 137-6. Strand & Strand
Octavia 25 x 137-6 SE COR. Ul-
loa & 14th Ave. Louise A. Ehle to
E. A. Johnson Aug. 30, 1924
Aug. 30, 1924—NE DE BONTFORD
Ave & Faxon Ave E 75 x N 50 Ptn
Lots 7 & 9 Blk 17 Lakeview. Thos.
J. Sullivan to whom it may con-
cern Aug. 28, 1924
Aug. 30, 1924—HARRISON 150 E
Sept. 2, 1924—E 47-6 N — W 27-6 N S W
20 S 88. Manfred and Nathan
Matzger to Barrett & Hllp.
..... Aug. 28, 1924
Sept. 2, 1924—LOT 1 BLK E. Mission
Terrace. Walter B. Hansen to
whom it may concern... Aug. 29, 1924
Sept. 2, 1924—E FORTIETH AVE
254-3 S Balboa 25-4x120. Wallace
J. Smale to whom it may concern.
..... Sept. 2, 1924
Sept. 2, 1924—S CHESTNUT 262-6 E
Gough 25x137-6. Gabriel Tallico
and Joseph Meconi to Aug. 30, 1924
may concern
Sept. 2, 1924—E BRIGHTON AVE 100
S Grafton Ave S 25xE 112-6 Lot 25
Blk 1, Lakeview. The McCarthy
Co. to James Arnott & Son...
..... Aug. 29, 1924
Sept. 2, 1924—N CORTLAND AVE.
815-17 Cortland Ave. John Shal-
abba to J. W. Bachman... Aug. 30, 1924
Sept. 2, 1924—W 14TH AVE 127 N
Fahls 25 x 120. Fannie C. Doro
to Christenson Bros. Sept. 2, 1924
Sept. 2, 1924—N McALLISTER 137-6
E Larkin 30 x 137-6. known as 260
McAllister St. James Ringrod to
whom it may concern... Aug. 30, 1924
Sept. 2, 1924—N MAGELLAN AVE.
77-6 W Cortez W 33-4 x N 100.
Thos. Hamill to whom it may con-
cern Aug. 24, 1924
Sept. 2, 1924—W 41ST AVE. 25 N
Balboa, 25 x 95. Rae and Dr. Geo.
Herzog to H. L. Nelson. Sept. 2, 1924

Sept. 2, 1924—W 41ST AVE. 225 N
Balboa 25 x 100. Rae and Dr. Her-
zog to Henry S. Nelson. Sept. 2, 1924
Sept. 3, 1924—S MONTEREY 125 W
Genevieve W 25xS 112-6. G. E. John-
ston to whom it may concern...
..... Sept. 3, 1924
Sept. 3, 1924—NW ARLINGTON 63
NE Roanoke NE 30 NW 100 SW 25
SE 25 SW 25 SE 75 Philip Teresi
and Salvatore Garafalo to whom it
may concern Sept. 3, 1924
Sept. 3, 1924—NO 1375 POTERO
Ave 200 S 25th St. The Jewell Steel
& Malleable Co. to Buschke &
Brown Sept. 3, 1924
Sept. 3, 1924—SE PARNASSUS AVE
and Willard. Emma McCabe to
August Hallgren Sept. 3, 1924
Sept. 3, 1924—SW ELLIS & COHEN
Place 56x137-6. P. J. Clancy to
whom it may concern... Sept. 3, 1924
Sept. 3, 1924—NW SUTTER AND
Leavenworth St. W 90-6xN 77-10.
Lloyd B Ham to whom it may con-
cern Sept. 3, 1924
Sept. 3, 1924—RUSSIA AVE 25 E
Vibrona. John Powers to whom it
may concern... Sept. 3, 1924
Sept. 3, 1924—COM AT Ptn 710 N 8th
E and 23rd St. 4' 20" W of lot
SE Humboldt and Georgia N 4'
20" W S 85' 40" E 120 S 4' 20"
E 25 S 85' 40" W 120 m or L. Pacific
Gas & Electric Co. to George
Wunderlich Aug. 30, 1924
Sept. 3, 1924—NW NINETEENTH &
Guerrero N 30-W 81-11. James
and Katherine Monahan to whom
it may concern... Sept. 3, 1924
Sept. 3, 1924—LOTS 33, 34 AND 35
Blk J, Mission Terrace. Amanda
A Olsen wife Olaf to whom it may
concern Aug. 30, 1924
Sept. 3, 1924—E EIGHTH AVE 50
S Clifton Ave S 25xE 75 Ptn Lake-
view Blk 1. The McCarthy Co. to
James Arnott & Son... June 3, 1924
Sept. 3, 1924—LOT 4 BLK 33 12th
ptn Lot 33 12th on W 30' of line
125 S SE from and parl with SE
side line of Lot 31, Case Tract.
Charles H McTernan to Frank J.
Davis Sept. 3, 1924
Sept. 3, 1924—N FLOOD AVE 250 E
Edna E 25xN 112-6 Lot 22 Blk 28,
Sunnyside. The McCarthy Co. to
James Arnott & Son... May 28, 1924
Sept. 3, 1924—W LEAVENWORTH
100 W Geary N 37-6xW 137-6.
Warcy I and Loma M Tyler to
whom it may concern... Sept. 1, 1924
Sept. 3, 1924—N IRVING 95 W Sixth
Ave N 100xW 95. Fred M. Kavallo
Daniel L. Ebenfeld to Sept. 2, 1924
Sept. 3, 1924—ALL THAT PTN LOT
15 lying N of line drawn W and
parallel with S line Lot 15 from pt
on W Ashton Ave S 125 x 120 S
line 155 blk 12 Amended Map In-
gleside Terraces. S Larsen to
whom it may concern... Aug. 28, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Aug. 25, 1924—S GREEN 80 W Stock-
ton 25-6 x S 70-11 613 & 615
Green St Incandescent Supply Co.
vs Mrs. A. Alessandro. \$438.90
Aug. 29, 1924—E THIRTY-
NINTH AVE 100 S Balboa S 25 x E 120
Ave 100 S Balboa S 25 x E 120
S 25 x E 120, \$287.61. N. Del Tredici
vs G. W. Rawles, McCauley and
Weber
Aug. 29, 1924—H. HOWARD 195 S
25th St 25 x E 115. J. K. Stewart vs
Dan E. Ulrich \$85
Aug. 29, 1924—NE ELLIS & STOCK-
ton N 162-6 E 75 N 121-6 S
4-8 1/2. E. P. S. 117-9/2 SW 120-9/2
W 18-7/2. Richard Lynch vs Mary
L. Phelan, Martin Lyden, Alice
P. Sullivan
Aug. 28, 1924—SW BRUNSWICK 78-6
NW Lowell NW 100 x SW 100 Ptn
Blk 6475 West End Hd Assn.
John Stura vs Harry Pinkinton. \$395
Aug. 28, 1924—SW HANOVER 128-6
NW Lowell NW 50 x SW 100 Ptn
Blk 6480 West End Hd Assn.
John Stura vs Harry Pinkinton. \$135
Aug. 28, 1924—SW GEARY & FILL-
more W 95xS 131-6. Friedman
Bros vs Gertrude Friedlander and
dore and Arnold Friedlander and
Interstate Casualty Co. \$116

Aug. 28, 1924—S. HATFIELD 50 W. Ash-
ley W. 33 S. 129 E. 24-3 N. 50 E. 23-2
N. 100. Friedman Bros. vs. Louis
Cohn and Interstate Casualty Co.
.....\$16.50
Aug. 28, 1924—W. HOWARD AND
Eightth NW 3085SW 50. Friedman
Bros. vs. Wm. P. Carroll and Inter-
state Casualty Co.\$37.60
Aug. 28, 1924—S. LINDCOLN WAY 132-6
W. Eighth Ave. W. 25AS 100. Fried-
man Bros. vs. Constantine Tamblaks
and Interstate Casualty Co.\$31.60
Aug. 28, 1924—W. KEARNEY 117-6 N.
Green S. 20AS 80. Friedman Bros.
vs. Amos & Farrar and Interstate
Casualty Co.\$8.57
Aug. 28, 1924—S. MARKET & ANNIE
SW 142 SE Market 142-E SE 160-6 to
NW Stevenson NE 142-6 to SW
Annie NW 160. Friedman Bros. vs.
Herbert E. Law and Interstate
Casualty Co.\$30.60
Aug. 28, 1924—SE MISSION 50 NE
Persa SW 142 E 33-6 Ptn Lot
1 Blk. 3, Excelsior Bld. Assn. vs.
Friedman Bros. vs. Angelo Corbelli and
Interstate Casualty Co.\$37.02
Sept. 2, 1924—SW BRIGHT 100 S.
Holloway S. 25SE 100. John Cas-
saretto vs. John F. Block and J. C.
O'Hara\$157.93
Sept. 2, 1924—E BRIGHT 125 S.
Holloway S. 25SE 100. John Cas-
saretto vs. Mary Kendall and J. C.
O'Hara\$78.84
Sept. 2, 1924—E BRIGHT 100 S. 1101-
loway S. 25SE 100. John Cassaretto
vs. Annie F. Geary, Mary C. Geary
and J. C. O'Hara\$78.84
Sept. 2, 1924—SE HOLLOWAY AND
Bright S. 100SE 50. John Cassaretto
vs. J. C. O'Hara and A. Beary\$315.90
Sept. 2, 1924—SW HOLLOWAY AND
Bright S. 100SW 50. John Cassaretto
vs. J. C. O'Hara and Urban Realty
Co.\$315.90
Sept. 2, 1924—S. NIAGARA 114 NW
Mission NW 208SW 80. Golden
Gate Building Material Co. vs. May-
helle Pinkerton\$262.60
Sept. 2, 1924—NE CHURCH & 30TH
N. 114XE 55. Golden Gate Building
Material Co. vs. A. W. Morton and
Emmarck & Kier\$442.49
Sept. 3, 1924—S. STEVENSON 275 W.
Sixth W. 25XS 75. Reinhart Lum-
ber & Planing Mill Co. vs. M. E.
Gruen, Weinstein Co. and Isador
Weinstein\$243.45
Sept. 3, 1924—S. STEVENSON 275 W.
Sixth S. 75XW 25. John S. Guerin
(as J. S. Guerin & Co.) vs. Weinstein
Co. and M. H. Greene\$362.15
Sept. 3, 1924—S. STEVENSON 275 W.
Sixth S. 75XW 25. Terry & Berg vs.
Weinstein Co. and M. H. Greene\$74.74

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Aug. 27, 1924—LOTS 10, 13 AND 14
Blk. 32, Sunnyside Addn. A. L.
Stockton Lumber Co. to Robert
Neil\$243.45
Aug. 21, 1924—NW BUSH & MASON
68-9x100, American Trading Co.
of the Pacific Coast to Henry and
Mary Voorman and Inland Hard-
wood Co.\$74.74

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 27, 1924—N. SUTTER with SE
Fillmore N. 100XE 77-6. Hatfield
C. Lengfeld as to improvements on
property

RELEASE OF BUILDING CONTRACT

Aug. 30, 1924—NE POST & MASON,
Medico Dental Building Corp. to
The Turner Co.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts in this issue.

No.	Owner	Contractor	Amt.
4486	Block	Nickerson	2000
4486	Stall	Lynn	8000
4488	Smith	Owner	2000

4489	Eulass	Morton	2000
4490	Carlson	Owner	3200
4491	Ross	Owner	4500
4492	Owner	McIntosh	2000
4493	James	Rakin	2000
4494	Kaisti	Johnson	1200
4495	Pedersen	Owner	3700
4496	Jensen	Pedersen	3700
4497	Harris	Lindquist	2500
4498	Rose	Rose	8500
4499	Davidow	Owner	8000
4500	S. E. & Oakland	Hopper	1900
4501	Witherall	Owner	1000
4502	Oeborne	Mogk	3200
4503	Irid	Owner	1500
4504	Saroni	Pond	3200
4505	Saroni	Pond	3200
4506	Moore	Owner	4000
4507	Foring	Stolte	1800
4508	Tell	Owner	7300
4509	Corder	Stone	9900
4510	Repetto	Valente	11070
4511	Lisher	Sommarstrom	4000
4512	Davidow	Owner	2900
4513	Fischel	Sampson	11400
4514	Caetano	Monroe	7450
4515	Huckell	Anglin	4600
4516	Myhr	Kink	10000
4517	Greene	Owner	4000
4518	Union	Owner	2050
4519	Broadhead	Owner	4000
4520	Union	Owner	1500
4521	Hastle	Owner	3200
4522	Foring	Potter	8000
4523	Dickey	Roth	7175
4524	Wintermute	Kosk	2500
4525	Hill	Owner	2500
4526	Sullivan	Owner	3500
4527	Carlson	Owner	4950
4528	Merchew	Owner	2625
4529	Rugs	Owner	2600
4530	Core	Pickrell	1000
4531	Brasch	Owner	5000
4532	Adamski	Owner	3000
4533	Richardson	Pickrell	2500
4534	Donegan	Bell	4500
4535	Boudreau	Christiansen	5500
4536	Hanner	Owner	3150
4537	Smith	Owner	4900
4538	Maccario	Marengo	3800
4539	Ball	Blodgett	1900
4540	Reimers	Houck	5000
4541	Richmond	Owner	3500
4542	West	Owner	3000
4543	Richter	Owner	3000
4544	Mateer	Ahnfeldt	6675
4545	Mackay	Owner	4500
4546	Curti	Owner	3000
4547	Regents	Farquharson	16000
4548	Williams	Bartlett	8124
4549	Thompson	Pfrang	5950
4550	Short	Henderson	8500
4551	Short	Owner	7500
4552	Allan	Owner	14000
4553	Agrella	Owner	3000
4554	Elliott	Elliott	6300
4555	Weaver	Owner	7800
4556	Morgenson	Owner	6000
4557	Yarnall	Owner	6000
4558	Clausen	Owner	5100
4559	Fraser	Durgin	4600
4560	Casella	Flittner	3600
4561	Ramaccioiti	McWethy	12000
4562	Wood	Owner	2000
4563	Corey	Roby	3000
4564	Pessenden	Owner	2000
4565	Mienhert	Brannan	2800
4566	Kleian	Owner	1800
4567	West	Thiele	1600
4568	Cary	Owner	2500
4569	Wilson	Owner	1000
4570	Feary	Owner	3100
4571	Casella	Flittner	3600
4572	Thompson	Owner	4500
4573	Patch	Owner	6000
4574	Lodge	Owner	3500
4575	Foster	Nichols	2950
4576	Hirsch	Sutcliffe	1800
4577	Abel	Owner	3250
4578	Ambrose	Conser	3850
4579	Ellison	Owner	8000
4580	Gilbert	Owner	1500
4581	Effinger	Owner	5500
4582	Diehl	Correia	4500
4583	Ballard	Veun	1000
4584	Cordy	Peterson	21000
4585	Caine	Kidder	11949
4586	St. Paul	Murch	54336
4587	Associated	Yorg	16750
4588	Joste	Johnson	3100
4589	Smith	Lewis	6000
4590	Hammerberg	Owner	4000
4591	Alameda	Owner	9000
4592	Roberts	Owner	4000
4593	Larsen	Owner	3500
4594	McCollough	Easterly	10000
4595	Woodard	Owner	11000
4596	Knudsen	Bertelsen	3950
4597	Elger	Cummins	3750
4598	Friedani	Owner	12000
4599	Gray	Anderson	4000
4600	Connor	Owner	2500
4601	Berg	Stolte	19442
4602	Marcum	Perry	4000
4603	Orton	Owner	4750
4604	Perratta	Cwynan	1500
4605	Larson	Owner	5900
4606	Graves	Owner	2900
4607	Cleveland	Caskey	4250
4608	Taylor	Owner	2500
4609	Grant	Brown	5800
4610	Burks	Owner	3800
4611	Anderson	Glynn	4000
4612	Thomas	Brown	8000
4613	Jaybourn	Van Horn	2125
4614	McCoskey	Owner	3000
4615	Ovlin	Johnson	4900
4616	Sigwald	Owner	2500
4617	Fennelley	Owner	4800
4618	Davaneens	Headell	2340
DWELLING			
(4486)	1437 EIGHTY-FIFTH AVE., Oakland, 1-story 4-room dwelling.		
Owner—	W. B. Block, 1040 98th Avenue, Oakland.		
Architect—	None.		
Contractor—	G. E. Nickerson, 1040 98th Ave., Oakland.		\$2000
DWELLING			
(4487)	SW COR. MONTANA & WILSON STS. and S. Montana 61 W. Wilson, Oakland, Two 1-story 5-room dwellings.		
Owner—	Geo. F. Stall, 2334 Telegraph Ave., Oakland.		
Architect—	None.		
Contractor—	W. F. Lynn, 208 Commercial Bldg., Oakland.		\$4000 each
DWELLING			
(4488)	1445 SEVENTY-SEVENTH AVE. Oakland, 1-story 4-room dwelling.		
Owner—	E. H. Smith, 4428 E-14th St., Oakland.		
Architect—	None.		\$2000
DWELLING			
(4489)	4721 REDDING STREET, Oak-land, 1-story 4-room dwelling.		
Owner—	Carrie M. Eulass, 2304 Frank- lin St., San Francisco.		
Architect—	None.		
Contractor—	J. D. Morton, 2304 Frank- lin St., S. F.		\$2000
DWELLING			
(4490)	2106 NINTH AVE., Oakland, 1- story 5-room dwelling.		
Owner—	H. Carlson, 2109 9th Avenue, Oakland.		
Architect—	None.		
Contractor—	H. C. Carlson, 2109 9th Ave., Oakland.		\$3200
DWELLING			
(4491)	W. MCKINLEY AVE. 200 N. Home Place, Oakland, 1-story 5- room dwelling.		
Owner—	C. E. Foss, 2026 Park Blvd., Oakland.		
Architect—	None.		\$4500
OFFICES			
(4492)	NW COR. E TWELFTH ST. & 46th Ave., Oakland, 1-story 3- room offices.		
Owner—	Microse Lumber Co., 1257 46th Ave., Oakland.		
Architect—	None.		\$2000
DWELLING			
(4492)	1220 PERALTA, Berkeley.		
Owner—	A. J. Pollard, 77 Plaza Drive, Berkeley.		
Architect—	None.		\$2000
DWELLING			
(4493)	2028 FRANCISCO ST., Berke- ley, Dwelling.		
Owner—	A. M. Jones, 2028 Francisco, Berkeley.		
Architect—	None.		
Contractor—	C. E. Eakin, 1945 Prince St., Berkeley.		\$2000
DWELLING			
(4494)	2333 SAN PABLO AVE., Ber- keley, Dwelling.		
Owner—	Henry Kaisti, 2333 San Pablo, Berkeley.		
Architect—	None.		
Contractor—	Felix Johnson, 2503 Har- rington Ave., Oakland.		\$1200
DWELLING			
(4495)	1215 SIXTY-SIXTH ST., Berke- ley, Dwelling.		
Owner—	Jensen & Pedersen, 1443 Ade- line St., Oakland.		
Architect—	Geo. O'Brien, Bacon Block, Oakland.		\$3700

DWELLING
(4436) 3140 MABEL ST., Berkeley.
Dwelling.
Owner—Jensen & Pederson, 1443 Adeline Oakland.
Architect—Geo. O'Brien, Bacon Block, Oakland. \$3700

DWELLING
(4437) EAST SIDE OF PERALTA, Berkeley. Dwelling.
Owner—Chas. Hinds, San Francisco.
Architect—None.
Contractor—Chas. Lindquist, 4075 Brookdale Ave., Oakland. \$2500

DWELLING
(4438) N. GLEN RD. 200 E. Stratford Rd., Oakland, 2-story 7-room dwlg.
Owner—Clifton P. Rose, 53rd & Grove Sts., Oakland.
Architect—None.
Contractor—Geo. F. Rose, 1830 Hearst Ave., Berkeley. \$8500

DWLGs. & STORE
(4439) E. SIXTY-NINTH AVE. PLACE (48 & 9) N. Bissell St. and 42 N. Favor, Oakland. Two 1-story 5-room dwellings and 1 store.
Owner—N. V. Davidow, 1620 69th Ave., Oakland.
Architect—None. \$3000 each & \$2000

ALTERATIONS
(4500) SE. COR. FOURTEENTH AND Broadway, Oakland. Alterations.
Owner—S. P. & Oakland Amusement Co., State Theatre, Oakland.
Architect—None.
Contractor—E. Hopper & Son, 1117 Webster St., Oakland. \$1900

SHOP
(4501) 1442 EIGHTIETH AVE., Oakland, 1-story shop.
Owner—E. W. Witherall, 1442 80th Ave., Oakland.
Architect—None. \$1000

DWELLING
(4502) 6427 HILLEGASS AVE., Oakland, 1-story 4-room dwelling.
Owner—Mrs. Hugh Osborne, 5901 College Ave., Oakland.
Architect—None.
Contractor—J. H. Mogk, 4411 Pampas Ave., Oakland. \$3200

DWELLING
(4503) NE. COR. EIGHTY-FIRST & Blanche St., Oakland, 1-story 3-rm dwelling.
Owner—E. B. Bird, 1008 33rd Ave., Oakland.
Architect—None. \$1500

DWELLING
(4504) E. SIXTY-EIGHTH AVE. 312 S. Avenal Ave., Oakland, 1-story 5-room dwelling.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6682 E-14th St., Oakland. \$3200

DWELLING
(4505) N. E. SIXTY-SEVENTH AVE. 110 S. Beck St., Oakland, 1-story 5-room dwelling.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6682 E-14th St., Oakland. \$3200

DWELLINGS
(4506) N. E. TWENTY-FIRST ST. 248 E. Mitchell St., Oakland, 1-story 5-room dwellings.
Owner—E. H. Moore, 319 21st St., Oakland.
Architect—None. \$4000

GARAGE & SHED
(4507) 440 LAGUNITAS AVE., Oakland, 1-story garage and shed.
Owner—R. C. Force, 440 Lagunitas Ave., Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. \$1800

DWELLINGS
(4508) E. PARKER AVE. 166 200 N. Foothill Blvd., Oakland, 2 1-story dwellings and garages.
Owner—John Tell, 3128 63rd Avenue, Oakland.
Architect—None. \$3650 each

ALTERATIONS
(4509) NW. COR. NINTH & FRANKLIN Sts., Oakland. Alterations.
Owner—T. W. Corder Inc., P. O. Box 384, Oakland.
Architect—M. P. Politeo, 1st Natl. Bank Bldg., San Francisco.
Contractor—E. P. Stone, 1212 Carrison St., Berkeley. \$9900

FLATS & STORES
(4510) 5471 CLAREMONT AVENUE, Oakland, 2-story 6-room flats and stores.
Owner—G. Repetto, 1015 University Ave., Berkeley.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. \$11,070

APARTMENTS
(4511) N. GRAND AVE. 215 W. Staten Ave., Oakland, 3-story 42-rm apts.
Owner—P. E. Lisher, 30 Grand Ave., Oakland.
Architect—None.
Contractor—Sommarstrom Bros. Co., 1526 Franklin St., Oakland. \$45,000

DWELLINGS
(4512) W. SIXTY-NINTH AVE. PL. 715 752 790 827 765 1015 1052 N. 69th Ave., Oakland. Eight 1-story 5-rm dwellings.
Owner—S. V. Davidow, 1620 69th Ave., Oakland.
Architect—None. \$3000 each

WAREHOUSE
(4513) SE. COR. TWENTY-FOURTH and Magnolia St., Oakland. All work for 1-story brick warehouse.
Owner—The Pischel Estate Co., Holbrook Bldg., San Francisco.
Architect—None.
Contractor—J. S. Sampson Co., Monadnock Bldg., San Francisco.
Filed Aug. 27, 1924. Dated Aug. 25, 1924.
5th each month 75%
Usual 35 days 25%
TOTAL COST, \$11,400
Bond, Sureties, none; Forfeit, \$10 per day; Limit, on or before the 1st of Oct., 1924; Plans and specifications filed.
NOTE—Permit applied for today.

RESIDENCE
(4514) LOT 10 BLK K MAP EAST Piedmont Heights, Oakland. All work for 6-room frame stucco residence with garage.
Owner—M. J. Caetano, Hanford, Kings Co., Cal.
Architect—L. H. Legris, 1351 Hampel St., Oakland.
Contractor—J. W. Monroe, 5538 Claremont, Oakland.
Filed Aug. 25, 1924. Dated Aug. 25, 1924.
Frame up \$1862.50
When plastered 1862.50
Completed and accepted 1862.50
Usual 35 days 1862.50
TOTAL COST, \$7450
Bond, Sureties, none; Forfeit, \$15 per day; Limit, on or before Dec. 1, 1924; Plans and specifications filed.

DWELLING
(4515) LOT 19 BLOCK 16 MAP OF Thousand Oaks, Oakland. All work for 1-story frame and stucco dwlg.
Owner—Roy H. & Dorothy Huckell, 971 56th St., Oakland.
Architect—J. & E. Angelman.
Contractor—J. & E. Angelman, 2047 36th Ave., Oakland.
Filed Aug. 27, 1924. Dated Aug. 25, 1924.
Frame up \$1162.50
Scratch coated 1162.50
Completed and accepted 1162.50
Usual 35 days 1162.50
TOTAL COST, \$4600

Bond, \$—; Sureties, New York Indemnity Co.; Forfeit, \$5 per day; Limit, 90 days; Plans and specifications filed.

RESIDENCE
(4516) 2520 CEDAR ST., Berkeley. Residence.
Owner—H. O. Myrho, 1604 Oxford St., Berkeley.
Architect & Contractor—Geo. F. King, 1541 Virginia St., Oakland. \$10,000

RESIDENCE
(4517) 1823 CATALINA AVE., Berkeley. Residence.
Owner—L. Bremer, 1619 Grove Street, Berkeley.
Architect—None. \$4000

DWELLINGS
(4518) 2523-27 TENTH ST., Berkeley. 2 dwellings.
Owner—Union Investment Co., 1132 Valencia St., San Francisco.
Architect—None. \$1250 & \$800

DWELLING
(4519) 1604 BEVERLY PLACE, Berkeley. Dwelling.
Owner—E. Broadhead, 864 57th St., Oakland.
Architect—None. \$4000

WORK SHOP
(4520) 1322 DWIGHT WAY, Berkeley. Work shop.
Owner—Union Investment Co., 1132 Valencia St., San Francisco.
Architect—None. \$1500

DWELLING
(4521) 1504 DELAWARE ST., Berkeley. Dwelling.
Owner—Samuel Hastle, 1809 Sacramento St., Berkeley.
Architect—None. \$3200

DWELLING
(4522) 1504 GRANT ST., Berkeley. Dwelling.
Owner—L. Kelling, 1508 Grant St., Berkeley.
Designer—A. W. Potter, 4025 Agua Vista St., Oakland. \$6000

DWELLING
(4523) 501 SANTA CLARA AVE., Berkeley. Dwelling.
Owner—L. W. Dickey, 2040 Lincoln Ave., Alameda.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK) COMMERCIAL

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Architect—None.
Contractor—Conrad Roth, Dublin Blvd.
Hayward. \$7175

ALTERATIONS
(4521) 227 TENNEL RD., Berkeley.
Alterations.
Owner—Dr. G. P. Wintermute, 227
Tunnel Rd., Berkeley.
Architect—J. H. Thomas, Mercantile
Trust Bldg., Berkeley.
Contractor—M. L. Kosk, 47 Ramona
Ave., Berkeley. \$2500

DWELLING
(4522) 582 EAST SEVENTEENTH ST.
Oakland, 1-story 1-room dwelling.
Owner—Hill & Watters, 1600 High St.,
Oakland.
Architect—None. \$2500

DWELLING
(4526) 2766 SIXTY-SEVENTH AVE.
Oakland, 1-story 5-room dwelling.
Owner—Sullivan & Sullivan, 5448 Ruth
Ave., Oakland.
Architect—None. \$3500

DWELLING
(4527) N LERIDA AVE. 200 W Walla
Vista Ave., Oakland, 1-story 4-
room dwelling.
Owner—P. J. Connelly, 1246 E 34th St.
Oakland.
Architect—None.
Contractor—Thos. F. L. Furlong, 961
Kempston Ave., Oakland. \$4950

DWELLING
(4528) N FAVOR ST. 400 W 73rd Ave.,
Oakland, 1-story 4-room dwelling
and garage.
Owner—T. H. Merethew, 7109 Favor St
Oakland.
Architect—None. \$2625

DWELLING
(4529) E SIXTY-EIGHTH AVE. 195 N
Beck St., Oakland, 1-story 3-room
dwelling.
Owner—Rugg & Lisbon, 6047 Harwood
Ave., Oakland.
Architect—None. \$2600

ADDITION
(4530) 2633 PARKER AVE., Oakland.
Addition.
Owner—Angelo Core, 2638 Parker Ave.,
Oakland.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada
St., Oakland. \$1000

DWELLING
(4531) S SANTA RAY AVE. 200 W
Calmar Ave., Oakland, 2-story 5-
room dwelling.
Owner—M. P. Brash, 392 17th Street,
Oakland.
Architect—None. \$5000

DWELLING
(4532) N MANDANA BLVD. between
Ardmore and Portal, Oakland, 2-
story 10-room dwelling.
Owner—Mary Adamski, 3404 Maine St.,
Oakland.
Architect—None.
Contractor—W. Adamski, 3404 Maine
St., Oakland. \$3000

DWELLING
(4533) W NINETY-SEVENTH AVE.,
80 S A St., Oakland, 1½-story
4-room dwelling.
Owner—S. S. Richardson.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada
St., Oakland. \$2500

DWELLING
(4534) E VALLE VISTA AVE. 200 N
Bonham Way, Oakland, 1-story 5-
room dwelling.
Owner—Eugene Donegan, 1042 43rd St.
Oakland.
Architect—None.
Contractor—Bell & Evans, 3582 Fruit-
vale Ave., Oakland. \$4500

DWELLING
(4535) W CROSBY ST. 213 S Harper
St., Oakland, 1-story 6-room dwlg.
Owner—Mrs. A. Boudreau, 1695 35th
Ave., Oakland.
Architect—None.
Contractor—N. Christiansen, 3014 E
19th St., Oakland. \$5500

DWELLING
(4536) W ONE HUNDRED SECOND
Ave. 230 N Plymouth St., Oakland,
1-story 5-room dwelling and gar-
rage.

Owner—W. J. Hammer, 1739 102d Ave.,
Oakland.
Architect—None. \$3180

DWELLING
(4537) SE COR. PALOMA & MAN-
dana Blvd., Oakland, 2-story 5-rm
dwelling.
Owner—W. W. Smith.
Architect—None.
Contractor—L. M. Baird, 1931 Bayview
Ave., Oakland. \$4900

DWELLING
(4538) W SHATTUCK AVE. 300 S
50th St., Oakland, 1-story 5-room
dwelling.
Owner—Louis Maccario, 5125 Desmond
St., Oakland.
Architect—None.
Contractor—Joe Marengo, 1129-A 65th
Oakland. \$3800

DWELLING
(4539) NW COR. EIGHTY-FIFTH AV.
and Holly St., Oakland, 1-story 4-
room dwelling and garage.
Owner—R. M. Ball, 1059 45th Ave. Oak-
land.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th
St., Oakland. \$1900

DWELLING
(4540) W EDGEWOOD AVE. 80 N
Glendora Ave., Oakland, 1-story
4-room dwelling.
Owner—G. A. Reimers, 1112 Glendora
Ave., Oakland.
Architect—None.
Contractor—H. L. Houck, 934 Alma
Ave., Oakland. \$5000

DWELLING
(4541) 4118 EAST SEVENTEENTH
St., Oakland, 1-story 6-room dwlg.
Owner—Richmond & Whitmore, 2196
Harrington Ave., Oakland.
Architect—None. \$3500

DWELLING
(4542) S MESABA AVE. 100 E Sem-
inary Ave., Oakland, 2-story 6-room
dwelling.
Owner—R. E. Taylor, 3432 Seminary
Ave., Oakland.
Architect—None. \$3500

ALTERATIONS
(4543) 1647 SEVENTH AVE., Oakland
Alterations.
Owner—Mrs. D. C. Richter, 1647 7th
Ave., Oakland.
Architect—None. \$3000

DWELLING
(4544) 731 McKINLEY AVE., Oak-
land, 1-story 6-room dwelling and
garage.
Owner—Mrs. R. Mateer.
Architect—None.
Contractor—Harry Ahnefeld, 1969
Maine Ave., Berkeley. \$6675

DWELLING
(4545) S HOPKINS ST. 200 E Park
Blvd., Oakland, 1-story 6-room
dwelling.
Owner—MacKay, 516 11th St., Oakland
Architect—None. \$4500

DWELLING
(4546) W FOURTEENTH AVE. 67 N
E-22nd St., Oakland, 1-story 6-rm
dwlg.
Owner—V. Curti, 1444 54th Ave., Oak-
land.
Architect—None. \$3000

ADDITION
(4547) E BROADWAY N 39th Street,
Oakland, Brick addition.
Owner—Kings Daughters Home, 39th
and Broadway, Oakland.
Architect—Julia Morgan, Merchants
Exchange Bldg., S. F.
Contractor—D. E. Farquharson, 1760
Ellis St., S. F. \$16,000

CONCRETE WORK
(4548) CALIFORNIA MEMORIAL
Stadium Berkeley. Concrete work
for training quarters.
Owner—Regents of the University of
California, Berkeley.
Architect—John Galen Howard, First
National Bank Bldg., S. F.
Contractor, John M. Bartlett, 357 12th
St., Oakland.
Filed Aug. 29, 1924. Dated Aug. 27, 1924
On first of each month, of labor
and materials incorporated. .75%
Usual 35 days, balance25%
TOTAL COST, \$8124

Bond, Yes. Sureties, Globe Indemnity
Co., Forfeit, \$35.00. Limit, 35 days.
Plans and specifications filed

BUNGALOW
(4549) LOT 2, (sheet 1) Ocean View
Heights, Oakland. All work for
5-room bungalow.
Owner—Ethel A. Williams.
Architect—None.
Contractor—H. C. Pfraug, 5659 Ocean
View Drive, Oakland.
Filed Aug. 29, 1924. Dated May 10, 1924
When frame is up \$1500
When plastered 1500
When finished 1500
Usual 35 days 1450
TOTAL COST, \$3950

Bond, sureties, none. Forfeit, \$5.00
per day. Limit, none. Plans and spec-
ifications filed.

DWELLING
(4550) 1308-10 SHATTUCK, Berkeley.
Dwelling.
Owner—Mrs. Thompson, Berkeley.
Architect—None.
Contractor—E. F. Henderson, 5744
Keith Ave., Oakland. \$5500

DWELLING
(4551) 2578 BUENA VISTA, Berkeley.
Dwelling.
Owner—J. V. Short, 1338 Euclid, Berke-
ley.
Architect—None. \$7500

STORES
(4552) NW SAN PABLO AVE. AND
Stanford St., Oakland. Two-story
brick stores and offices.
Owner—Beaudry & Brennan, 606 25th
St., Oakland.
Architect—None.
Contractor—Marten Allan, 316 Wals-
worth Ave., Oakland. \$14,000

DWELLING
(4553) NO. 2109 E-TWENTY-THIRD
St., Oakland. One-story 4-room
dwelling.
Owner—A. J. Agrella Jr., 1811 E-19th
St., Oakland.
Architect—None. \$3000

DWELLING
(4554) S CONTRA (COSTA ROAD) 92 E
First Stair, Oakland. One-story
6-room dwelling.
Owner—Edith Elliott, 1034 Fair Oak
Ave., Alameda.
Architect—None.
Contractor—Jack Elliott, 1034 Fair
Oak Ave., Alameda. \$6300

DWELLINGS
(4555) NO. 1718-1726 WELLINGTON
Ave., Oakland. Two one-story 5-
room dwellings.
Owner—P. B. Weaver, 4315 Division
St., Oakland.
Architect—None. \$2900 each

DWELLING
(4556) N TRESTLE GLEN ROAD 130
E Sunnyhill Road, Oakland. One-
story 6-room dwelling.
Owner—Morgensen Bros., 5664 Broad-
way, Oakland.
Architect—None. \$5000

DWELLINGS
(4557) E PO VISTA AVE 100 and
132 W Fairmont, Oakland. Two
one-story 5-room dwellings.
Owner—S. A. Warner, 950 Cleveland
Ave., Oakland.
Architect—None. \$3000 each

DWELLING
(4558) NO. 2769 FRUITVALE AVE.,
Oakland. One-story 5-room dwell-
ing and garage.
Owner—Fred Clausen, 1506 28th Ave.,
Oakland.
Architect—None. \$5100

DWELLINGS
(4559) ADJOINING HOUSE KNOWN
as No. 1610 Lincoln Ave S Lincoln
Ave near Paru, Alameda. All work
for two dwellings and garage.
Owner—Donald R. and Iva F. Fraser,
1610 Lincoln Ave., Alameda.
Architect—None.
Contractor—F. W. Durgin Jr., Alameda.
Filed Aug. 30, '24. Dated Aug. 14, '24.
TOTAL COST, plus 10% not to exceed
\$4600.
Bond, \$—. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 90 work-
ing days after Aug. 14. Forfeit, plans
and specifications, none.

DWELLING
(4560) LOTS 342 AND 341 BLK. 1963,
Map E. P. & A. L. Stone's Elmhurst,
Oakland. All work for six-room
rustic dwelling.
Owner—Frank Casella, 1293 94th Ave.,
Oakland.

Architect—None.
Contractor—Jos. Flittner, 1700 35th
Ave., Oakland.
Filed Aug. 29, '24. Dated Aug. 28, '24.
Frame up \$900
1st coat plastering on 300
When completed 900
Usual 35 days 300

TOTAL COST, \$2400
Bond, none. Limit, 90 days after
Sept. 1, 1924. Forfeit, \$1 per day.
Plans and specifications filed.

STORES
(4561) 2250 2970 ALLSTON WAY, (in-
clusive), Berkeley Stores.
Owner—H. R. Ramacciotti, 2910 Tele-
graph Ave., Oakland.
Designer & Contractor—McWethy and
Greenleaf, 2910 Telegraph Avenue,
Oakland. \$12,000

ALTERATIONS
(4562) 2230 DURANT AVE., Berkeley.
Alterations.
Owner—J. E. Wood, 2230 Durant Ave.,
Berkeley.
Architect—None. \$2000

ALTERATIONS
(4563) 2632 BENVENUE AVE., Berke-
ley, Alterations.
Owner—B. L. Corey, 2632 Benvenue Ave
Berkeley.
Architect—None.
Contractor—D. E. Roby & Son, \$2428
Jefferson, Berkely. \$3000

DWELLING
(4564) 2219 SACRAMENTO ST., Ber-
keley, Dwelling.
Owner—C. T. Fessenden, Oak View &
Colusa Ave., Berkeley.
Architect—None. \$2000

DWELLING
(4565) 1724 BERKELEY WAY, Berke-
ley, Dwelling.
Owner—W. Mienhert.
Architect—None.
Contractor—J. P. Brennan, 2110 Shat-
tuck Ave., Berkeley. \$2800

DWELLING
(4566) NO. 1422 NINTH ST., Alameda.
One-story 4-room dwelling.
Owner—J. C. Kleian, 770 Santa Clara
Ave., Alameda.
Architect—None. \$1800

DWELLING
(4567) LAFAYETTE AND LINCOLN
AVE., Alameda. 1-story 6-room
dwelling.
Owner—West End Bldg. Assn., Web-
ster St., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thomp-
son Ave., Alameda. \$3600

DWELLING
(4568) E SIXTY-EIGHTH AVE. 457 S
Hamilton St., Oakland. 1-story 4-
room dwelling.
Owner—E. H. Cary, 1098 68th Avenue
Oakland.
Architect—None. \$2500

ALTERATIONS
(4569) 3489 CHAMPION AVE., Oak-
land, Alterations.
Owner—Geo. W. Wilson, 657 Rosal Ave
Oakland.
Architect—None. \$1000

DWELLING
(4570) W BARTLETT ST. 120 S Deer-
ing St., Oakland. 1-story 6-room
dwelling and garage.
Owner—Wm. H. Peary, 4535 San Car-
los Ave., Oakland.
Architect—None. \$3100

DWELLING
(4571) 1273 NINETY-FOURTH AVE.,
Oakland. 1-story 6-room dwelling.
Owner—Frank Casella, 1293 94th Ave.,
Oakland.
Architect—None.
Contractor—Jos. F. Flittner, 1700 35th
Ave., Oakland. \$3600

ADDITION
(4572) 3100 PERALTA AVE., Oak-
land. Addition.

Owner—A. J. Umphred, 3100 Peralta
Ave., Oakland.
Architect—None.
Contractor—J. F. Thomas, 3022 Peralta
Ave., Oakland. \$4000

DWELLING
(4573) SE COR. MONTANA ST. AND
Adell Court, Oakland. 1-story 8-
room 2-family dwelling.
Owner—D. L. Patch, 2515 Telegraph
Ave., Oakland.
Architect—None. \$6000

DWELLING
(4574) N HARVEY ST. 220 E 57th Ave
Oakland. 1-story 5-room dwelling.
Owner—C. F. Dodge, 5494 Bond St.,
Oakland.
Architect—None. \$3500

DWELLING
(4575) S NEY AVE. 300 E Parker Ave
Oakland. 1-story 4-room dwelling
and garage.
Owner—A. Foster, 7710 Foothill Blvd.,
Oakland.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill
Blvd., Oakland. \$2950

ALTERATIONS
(4576) 3133 MARKET ST., Oakland.
Alterations.
Owner—Miss Edith Hirsch, 3138 Mar-
ket St., Oakland.
Architect—None.
Contractor—Sutcliffe & Hitchcock, 3004
Linden St., Oakland. \$1800

DWELLING
(4577) 1737 SIXTY-SEVENTH AVE.,
Oakland. 1-story 5-room dwelling
and garage.
Owner—Henry Abel, 1657 80th Ave.,
Oakland.
Architect—None. \$3250

DWELLING
(4578) E 106TH AVE., 272 N Bancroft
Ave., Oakland. 1½-story 6-room
dwelling and garage.
Owner—Geo. Ambrose, 1010 45th Ave.,
Oakland.
Architect—None.
Contractor—C. H. Conser, 1949 87th
Ave., Oakland. \$3850

DWELLINGS
(4579) S NEVIL ST., 190 and 220 W
38th Ave., Oakland. Two 1-story
5-room dwellings.
Owner—E. Ellison, 45 Mariposa Ave.,
Oakland.
Architect—None. \$4000 each

DWELLING
(4580) SE COR. 99TH AVE. AND
Sunnyside St., Oakland. 1-story
4-room dwelling.
Owner—Geo. Gilbert, 9911 Sunnyside
St., Oakland.
Architect—None. \$1500

DWELLING
(4581) N LERIDA AVE., 95 W Car-
ton St., Oakland. 1-story 5-room
dwelling.
Owner—H. C. Effinger, 205 Athol Ave.,
Oakland.
Architect—None. \$5500

DWELLING
(4582) N E-TWENTY-NINTH ST., 300
E Fruitvale Ave., Oakland. 1-story
6-room dwelling.
Owner—E. N. O. Dietle, 2708 Fruitvale
Ave., Oakland.
Architect—None.
Contractor—A. E. Correia, 3121 E-27th
St., Oakland. \$4600

ALTERATIONS
(4583) 663 SIXTY-SIXTH ST., Oak-
land. Alterations and addition.
Owner—A. Ballard, 633 66th St., Oak-
land.
Architect—None.
Contractor—B. C. Venn, 3431 Elm St.,
Oakland. \$1000

APARTMENTS
(4584) NW COR. PERRY AND LA-
gunitas Aves., Oakland. 3-story
21 rooms, apartments.
Owner—Mrs. Elvira Cordy, 456 Laguni-
tas Ave., Oakland.
Architect—A. W. Smith, American
Bank Bldg., Oakland.
Contractor—Alfred Peterson, 3918 Lin-
wood Ave., Oakland. \$21,000

DWELLING
(4585) 757 ROSEMOUNT ROAD, Oak-
land. 2-story 7-room dwelling.
Owner—Jas. E. Chane, First National
Bank Bldg., Oakland.
Architect—None.
Contractor—H. C. Kidder, 1923 Fran-
cisco St., Berkeley. \$11,949

PARISH HOUSE
(4586) 1PTN OF LOT SE COR. MON-
teito Ave. and Bay Place, now oc-
cupied by St. Paul's Episcopal
church and Rectory, Oakland.
Complete construction, paint, etc.,
2-story brick Parish house.
Owner—Rectory, Warden and Vestry of
St. Paul's Parish, 12th and Mag-
nolia, Oakland.

Architect—None.
Contractor—Murch-Williams Construc-
tion Co., Fox Theatre Bldg., Oak-
land.
Filed Sept. 2, 1924. Dated Aug. 29, 1924.
75% value material payable bet.
1st and 10th each month.
Usual 35 days. **TOTAL COST, \$54,336**

Bond, yes. Sureties, Fidelity & Deposit
Co. of Maryland. Forfeit, none. Limit,
90 days. Plans and specifications filed.

ALTERATIONS, ETC.
(4587) INTERSECTION W WEBSTER
ST. with U. S. Bulkhead line 8 San
Antonio Estuary, or Oakland Har-
bor. Alteration and addition to
company's bldg.
Owner—Associated Oil Co., 2329 Web-
ster St., Oakland.

Architect—None.
Contractor—Alfred H. Vogt, 185 Stev-
enson St., S. F.
Filed Sept. 2, 1924. Dated Aug. 15, 1924.
Cost, plus 10%.

When invoice submitted and
checked 75%
Usual 35 days 25%
TOTAL COST—Not to exceed \$16,750.
Bond, yes. Sureties, New Amsterdam
casualty Co. Forfeit, none. Limit,
Oct. 1, 1924. Plans and specifications
not filed.

APARTMENTS
(4588) 2905 FILBERT ST., Oakland.
All work for two apartments.
Owner—Edward T. and Annie Joste,
2905 Filbert St., Oakland.
Architect—None.
Contractor—Edna Johnson, 3827 Lin-
wood Ave., Oakland.

Ready for plaster \$1000
When plaster is finished 800
When ready 800
Usual 35 days 500
TOTAL COST, \$3100
Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

DWELLING
(4589) 2348-50 HILGARD, Berkeley.
Dwelling.
Owner—Gus Smith.
Designer—Gus Smith.
Contractor—C. C. Lewis, 2239 Cedar St.,
Berkeley. \$6000

DWELLING
(4590) 1604 PORTLAND, Berkeley.
Dwelling.
Owner—Albert Hammerberg, 810 60th
St., Oakland.
Architect—None. \$4000

DWELLINGS
(4591) 1413-17-21 TENTH ST., Berke-
ley. Three dwellings.
Owner—Alameda Inv. Co., 703 Syndi-
cate Bldg., Oakland.
Architect—None. \$3000 each

ALTERATIONS
(4592) 3027 HARPER ST., Berkeley.
New roof and re-shingle.
Owner—E. Roberts, 3027 Harper St.,
Berkeley.
Architect—None.
Contractor—A. H. Rose, 478 25th St.,
Oakland. \$1000

DWELLING
(4593) 1229 BURNETT, Berkeley.
Dwelling.
Owner—Larsen & Eastman, Y. M. C. A.
Bldg., Oakland.
Architect—None. \$3500

APARTMENTS
(4594) SE COR. EIGHTY-FIFTH AVE
and E-14th St., Oakland. 2-story
12-room apartments.

Owner—W. R. McCollough, Cor. 85th Ave. and E-14th St., Oakland.
Architect—None.
Contractor—John I. Easterly, 2137 Tiffin Road, Oakland. \$10,000

APARTMENTS
(4595) S HILLSBOROUGH AVE. 160 E Wesley Ave., Oakland. 2-story 12-room apartments.
Owner—E. W. Woodard, 435 Merritt Ave., Oakland.
Architect—None. \$11,000

DWELLING
(4596) S WELLINGTON AVE. opposite Vista St., Oakland. 1-story 5-room dwelling.
Owner—Christian Knudsen, 196 Walnut Ave., Mill Valley.
Architect—None.
Contractor—S. J. Bertelsen, 351 12th St., Oakland. \$3950

DWELLING
(4597) S JULIUS ST. 75 E 108th Ave., Oakland. 1-story 6-room dwelling.
Owner—H. C. and C. M. Pieper, Julius and 108th Ave., Oakland.
Architect—None.
Contractor—Cummins & White, 118 E 14th St., San Leandro. \$3750

DWELLINGS
(4598) NW COR. SIXTY-FIFTH AND Herzog Sts. N 65th St. 80 110 120 W Herzog St., Oakland. Four 1-story 5-room dwellings.
Owner—N. Frediani, 347 62nd St., Oakland.
Architect—None. \$3000 each

DWELLING
(4599) W EIGHTY-SIXTH AVE. 120 S Plymouth St., Oakland. 1-story 5-room dwelling.
Owner—E. B. Gray, 223 Blake Block, Oakland.
Architect—None.
Contractor—C. Anderson, Cor. 9th Ave. and E-15th St., Oakland. \$4000

DWELLING
(4600) N HOPKINS ST. 285 E Peralta Ave., Oakland. 1-story 3-room dwelling.
Owner—Roy Conner, 2848 Hopkins St., Oakland.
Architect—None. \$2500

DWELLING
(4601) 356 LINCOLN AVE. rear, Oakland. 1-story 3-room dwelling.
Owner—Mrs. Berg, 3561 Lincoln Ave., Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. \$1942

DWELLING
(4602) 940 WAWONA AVE., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Marcum.
Architect—None.
Contractor—J. Floyd Perry, 376 Santa Clara Ave., Oakland. \$4000

DWELLING
(4603) 5416 TRUMBULL AVE., Oakland. 1-story 6-room dwelling and garage.
Owner—A. A. Orton, 2558 Seminary Ave., Oakland.
Architect—None. \$4750

ADDITION
(4604) S SCHOOL ST. 50 E Laurel Ave., Oakland. Addition.
Owner—J. H. Ferretta, 3299 School St., Oakland.
Architect—None.
Contractor—Frank Gwynn, 4260 Laurel Ave., Oakland. \$1500

DWELLING
(4605) W WESLEY AVE. 300 S Merritt Ave., Oakland. 1-story 6-room dwelling.
Owner—B. C. Larson, 2503 12th Ave., Oakland.
Architect—None. \$5000

DWELLING
(4606) NE COR. THIRTY-EIGHTH AVE. and San Juan St., Oakland. 1-story 5-room dwelling.
Owner—R. D. Graves, 4025 Mera St., Oakland.
Architect—None. \$2900

DWELLING
(4607) SW COR. SEMINARY AVE. & Brann St., Oakland. 1-story 6-room dwelling.
Owner—W. L. Cleveland, Martinez.
Architect—None.
Contractor—H. T. Caskey, 5929 Maurentania Ave., Oakland. \$4250

DWELLING
(4608) E MAPLE AVE. 35 N Delaware Ave., Oakland. 1-story 3-room dwg.
Owner—F. S. Taylor, P. O. Box 97, Fruitvale, Oakland.
Architect—None. \$2500

DWELLING
(4609) W BELEVIDES AVE. 300 N El Centro, Oakland. 1-story 6-room dwelling.
Owner—Mrs. Gertrude E. Grant, 4668 Dolores St., Oakland.
Architect—None.
Contractor—Guy L. Brown 601 American Bank Bldg., Oakland. \$5800

DWELLINGS
(4610) 1721-1727 ONE HUNDRED third Ave., Oakland. 2 1-story 5-room dwellings and garages.
Owner—C. E. Burks, 4129 Randolph Ave., Oakland.
Architect—None. \$2900 each

DWELLING
(4611) S MONTANA ST. 100 E Hopkin St., Oakland. 1-story 5-room dwelling.
Owner—A. B. Anderson, 3534 Rhoda Ave., Oakland.
Architect—None.
Contractor—H. Glynn, 5133 West St., Oakland. \$4000

DWELLING
(4612) E KENWYN RD. 75 N Hillgirt Circle, Oakland. 2-story 7-room dwelling.
Owner—Alvin R. Thomas, 417 15th St., Oakland.
Architect—None.
Contractor—Grinn-Williams & Washtell, American Bank Bldg., Oakland. \$8000

DWELLING
(4613) 864 FORTY-FIFTH ST., Oakland. 1-story 4-room dwelling and garage.
Owner—H. B. Jaybourn.
Architect—None.
Contractor—D. W. Van Horn, 6004 Monadnock Way, Oakland. \$2125

DWELLING
(4614) W SIXTIETH AVE 200 S Brann St., Oakland. 1-story 5-room dwlg.
Owner—M. H. McCoskey, 5495 Bond St., Oakland.
Architect—None. \$3000

ALTERATIONS
(4615) 3414-18 EAST FOURTEENTH St., Oakland. Alterations and additions.
Owner—B. A. Ovliv, 4101 Greenwood Ave., Oakland.
Architect—None.
Contractor—S. G. Johnson 4652 Dolores Ave., Oakland. \$4000

DWELLING
(4616) 3747 BROWN AVE., Oakland. 1-story 4-room dwelling.
Owner—J. W. Sigwald, 2333 38th Ave., Oakland.
Architect—None. \$2500

DWELLING
(4617) 2300 MITCHELL ST., Oakland. 1-story 6-room dwelling.
Owner—D. Fennelley, 2910 East 22nd St., Oakland.
Architect—None. \$4800

ALTERATION ETC.
(4618) E 3507 FT LOT 18 BLK 1340/4 Amended Map Butler Tract, Oakland. Alter and add to 6-room residence.
Owner—Mrs. Jeane Davaneene (fmly Berry).
Architect—None.
Contractor—Readell & Lane, 303 Spruce St., Berkeley.
Filed Sept. 2, 1924. Dated Sept. 2, 1924.
Plum up \$325
1st coat plaster 585
Completed and accepted 585
Usual 35 days 585
TOTAL COST, \$2340
Bond, forfeit, none. Limit, 90 days;
Plans and specifications, none.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Aug. 28, 1924—LOTS 33 & 34 OAK-View Tract, Hayward. Margaret Knipe to John Knipe. Aug. 27, 1924
Aug. 29, 1924—LOT 45 OAKLAND Prospect Tract, Oakland. M. G. Kendall to California Builders Co. Aug. 28, 1924
Aug. 29, 1924—PTN LOT 1 MAP OF the Spring Tract, Oakland. Frederick A. Muller to F. A. Muller. Aug. 27, 1924
Aug. 29, 1924—PTN LOT 6 MAP OF Bellevue Park, Piedmont. Harry J. Knowles to Fred J. Westlund. Aug. 19, 1924
Aug. 29, 1924—LOT 22 BLK G MAP Fourth Ave. Terrace, Oakland. Louise M. Ricker to whom it may concern Aug. 29, 1924
Aug. 29, 1924—N SIDE VIRGINIA ST. 85 ft E Euclid Ave., Berkeley. Anna Rayburn to E. F. Henderson. Aug. 28, 1924
Aug. 29, 1924—S W COR. TWENTY-seventh Ave. & E-16th St., Oakland. John and Emily A. Westerland to whom it may concern. Aug. 29, 1924
Aug. 29, 1924—LOT 2 ON SHEET 2 Ocean View Heights, Oakland. Ethel A. Williams to H. C. Pfrrang Aug. 26, 1924
Aug. 28, 1924—NO. 15 E 12th St., 11 12 13 14 15 16 17 & 18 Blk 165 Kellerberger's Map Oakland, Oakland. M. F. Smith to Walter Murch Aug. 19, 1924
Aug. 28, 1924—NO. 22 E 12th St., Berkeley. E E Carpenter to whom it may concern Aug. 26, 1924
Aug. 28, 1924—NO. 2249 WARD ST., Berkeley. E E Carpenter to whom it may concern Aug. 26, 1924
Aug. 28, 1924—PTN LOT 7 BLK E; Ptn Lot 28 Blk E, Revised Map Oak Tree Farm Tract, Brooklyn Twp., Oakland. J R Barnes to J Harry Smith Aug. 28, 1924
Aug. 28, 1924—PTN LOT 2 BLK O Map No. 2. Sub Ptn Central Oakland Tract E of Telegraph Ave., Oakland. Amy H Bonds to M S Bonds Aug. 25, 1924
Aug. 28, 1924—N PTN LOT 8 BLK E, Montclair Estates, Oakland. G. M. Knox to E Field. Aug. 22, 1924
Aug. 28, 1924—LOT and Kern Lots 21, 23 and 24 Blk 188 Kellerberger's Map of City of Oakland. C J Heeseman to E T Leiter & Sons. Aug. 25, 1924
Aug. 28, 1924—NO. 176 FIFTEENTH St., Oakland. W I Clarke to Sommarstrom Bros Co. Aug. 28, 1924
Aug. 28, 1924—SE TWENTY-SECOND St. and Ninth Ave., Oakland. Margaret Dessum to Sommarstrom Bros Co. Aug. 25, 1924
Aug. 28, 1924—NO. 828 FORTIETH St., Oakland. Otto Rinkert to whom it may concern Aug. 27, 1924
Aug. 27, 1924—NW ELEVENTH AVE and E-23rd St., Oakland. W J Coffey to Oscar Lyon. Aug. 26, 1924
Aug. 27, 1924—NO. 2315 ELEVENTH Ave., Oakland. James Coffey to Oscar Lyon. Aug. 23, 1924
Aug. 27, 1924—LOT 12 MOORE & West Oakland Yard, etc. Southern Pacific Co to Stevens & Hopkins Aug. 16, 1924
Aug. 27, 1924—NO. 101 KING AVE., Piedmont. Mrs. R Stanley Dollar to Alfred Peterson. Aug. 16, 1924
Aug. 27, 1924—LOT 5 and 5 ft. of Lot 4 Blk 8 Lakeshore Highlands, Oakland. Helen L Day to A Geddes Aug. 16, 1924
Aug. 30, 1924—SW COR. TWELFTH and Market Sts., Oakland. W. H. Watkins to H. W. McIntire. Aug. 29, 1924
Aug. 30, 1924—LOT 2 BLK D MAP Lower Piedmont Park, Piedmont. Edward Berg to whom it may concern Aug. 30, 1924
Aug. 30, 1924—131 PARK ST., Alameda. Alameda Theatre Inc. to M. E. Hopper & Son. Aug. 1, 1924
Aug. 30, 1924—LOT 12 BLK 5 SOUTH Lakeshore Highlands, Oakland. Edward F. McNaughton to whom it may concern Aug. 22, 1924

Aug. 30, 1924—2708 CHANNING WAY
Berkeley. F. D. Thayer to L. L. Lucas.
Aug. 27, 1924—LOTS 3, 10, 11, 12, 13
and 14, Blk. 3, Herzog Tract.
Berkeley. Ralph Wood to Fred W. Peters.
Aug. 29, 1924—PTN LOT 3, Map No. 2, Glen Echo Tract, Oakland. H. G. Towdshill to Reliance Bldg. Co.
Sept. 3, 1924—LOT 49 and N 15 ft. Lot 50 Blk 4, Regents Park No. 6, Albany. John Lindquist to whom it may concern.
Sept. 3, 1924—NO. 123 SHASTA ROAD Berkeley. Maude N. and Arthur G. Broderie to John Sullivan.
Sept. 3, 1924—LOT 27 BLK "C", East Piedmont Heights, Oakland. Mrs. G. N. Walton to Fowler Mallett.
Aug. 20, 1924—LOT 28, 133 W. VINE AVE. Lot 28, Alhambra Heights, Oakland. Mary E. Allen to Andrew Meyer.
Sept. 3, 1924—LOT 22 BLK "A", Map of Orland Heights, Oakland. Christine Ann MacLean to whom it may concern.
Sept. 3, 1924—LOT 18 BLK 8, Hubert Road, Lakeshore Manor, Oakland. Henry J. and Augusta Kuhlman to Geo. J. Murphy.
Aug. 27, 1924—LOCATION NOT GIVEN Oakland. Ralph Wood to Fred W. Peters.
Aug. 27, 1924—LOCATION NOT GIVEN Oakland. E. W. Nicholson and J. H. Hartzell to A. Jensen.
Aug. 29, 1924—LOCATION NOT GIVEN Oakland. Holden & Schickelsen to McWethy & Greenleaf.
Aug. 20, 1924—NO. 3483 MIDVALE AVE., Oakland. Helen Deming to whom it may concern.
Aug. 24, 1924—NO. 76 VINEYRE ST., Lot 18 Blk 14, Thousand Oaks Trct, Berkeley. W. H. Burgess to J. Harry Smith.
Sept. 2, 1924—E TENTH 145 E Fourth Ave., Oakland. Theresa F. Rich to Chas. Porsyth.
Aug. 25, 1924—LOT 124 and Ptn 123, Blk 20, Amended Map of Havenscourt, Oakland. John E. Murphy to whom it may concern.
Aug. 30, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Aug. 29, 1924—LOTS 94 & 95 Map of Stonehurst, Oakland. Zenith Mill & Lumber Co. vs. Clara Anderson, J. K. Pryor \$29.50
Aug. 30, 1924—PARCEL 1, LOTS 1 & 2, Blk E Map of Woods Subdivision of E. por of Buena Vista Terrace, Hayward; Parcel 2, por. Lots 5 & 6 Map of Buena Vista Terrace, Hayward. Quist Bros. & Co. to Florence Perry, Ben Cardwell \$489.52
Sept. 2, 1924—1206 RUSSELL ST., Berkeley. H. E. Cecil, T. L. Cecil, Joseph Domingo and S. W. Jarrett vs. Anthony Simon and F. W. Bornden \$129.50
Sept. 3, 1924—LOT 7, BLK 7, Lakeshore Highlands, Oakland. Zenith Mill & Lumber Co. vs. W. P. Wilson and Louise C. Wilson \$497.82

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Aug. 28, 1924—LOTS 125 AND 126 Blk 38, Map Havenscourt, Oakland. W. A. Noack (as Concealed Fixture Co.) to M. Sullivan, E. F. Robinson and John Enlund \$96
Aug. 28, 1924—LOTS 125 & 126 BLK 34 Map of Havenscourt, Oakland. Aronsen Hardware Plbr. Co., Inc. to M. Sullivan, E. F. Robinson and John Enlund \$617.25
Aug. 25, 1924—2854 HOPKINS ST. P. E. O'Hair & Co., Oakland Plumbing Supply Co. to Roy Conner \$142.97
Aug. 25, 1924—2856 HOPKINS ST., Oakland. P. E. O'Hair & Co., (Oakland Plumbing Supply Co.) to Roy Conner \$142.97
Aug. 25, 1924—2854 HOPKINS ST., Oakland. P. E. O'Hair & Co., (Oakland Plumbing Supply Co.) to Roy Conner \$142.96

Aug. 22, 1924—THE E 33.33 FT. OF Lot 28 and the W 13.33 ft. of Lot 27, Blk. 125, Kellersbergers Map, Oakland. Maxwell Hardware Co. to Lowlish Bros. Inc. \$175.21
Aug. 30, 1924—LOT 57 BLK 21 MAP Havenscourt, Oakland. P. E. O'Hair & Co. to P. L. Barbin, Francis Pearce, Mary C. Murchison \$391.47
Aug. 30, 1924—LOT 3 BLK C MAP of Hopkins Terrace No. 3, Berkeley. G. Leone to J. Bjorklund \$510
Aug. 30, 1924—LOT 3 BLK C MAP Hopkins Terrace No. 3, Berkeley. Stead Bros. to J. Bjorklund \$300
Sept. 3, 1924—W FIFTH AVE 75 N E-15th St., Oakland. O. K. Brown to Martin Mangalin \$757.56
Sept. 3, 1924—NO. 806 NORTHVALE near Trestle Glen Road, Oakland. D. I. Bacon to McWethy & Greenleaf and John W. Burns \$27.50
Sept. 3, 1924—W FIFTH AVE 75 N E-15th St., Oakland. Robert Howland & Sons, \$285.50; Maxwell Hardware Co. \$193.86 to Martin Mangalin

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$5000; No. 255 E-Wyandotte St., Stockton; owner, G. Marengo, 26 E-Elm St., Stockton contractor, Joe Marengo, 221 E-Wyandotte St., Stockton.
DWELLING and garage, \$3000; No. 1447 S-Stanislaus St., Stockton; owner, A. V. Faight, Stockton Coll. of Com., Sutter and Weber Sts., Stockton.
DWELLING and garage, \$3000; No. 647 E-First St., Stockton; owner, A. V. Faight, Stockton Coll. of Com., Sutter and Weber Sts., Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Aug. 29, 1924—PTN 100 ACRE TRACT E 1/4 of Sec 35 T. 33 N. R. 9 E., same as purchased April 13, 1923, from Fred C. Van Nader. A. R. Harton vs. G. Moffeo \$130
Aug. 26, 1924—LOTS 1 AND 3 BLK 131, East of Center St., Stockton. Gunn, Carle & Co., \$69.33; San Joaquin Brick Co., \$440.63; E. J. Blanchard, \$43.91; has. F. Rich (as Stockton Tile Co.) \$630; Austin Bros., \$278.77; Stockton Lumber Co., \$1074.81 vs. R. Gould and D. G. Johns (as Gould & Johns) \$130
Aug. 26, 1924—LOT 16 BLK 2, Fishers Addition to Stockton. D. C. Loos vs. Louis and Peter Rubino \$41.75
Aug. 28, 1924—LOTS 1 AND 3 BLK 131, East of Center St., Stockton. G. C. Wheelock & A. H. Perry, \$476.95 vs. W. P. Fuller & Co., \$45.75 and cost of recording lien; Stockton Gas & Electric Appliance Co., \$262.44 vs. R. Gould and D. G. Johns (as Gould & Johns) \$130
Aug. 29, 1924—LOTS 1 AND 3 BLK 131 East of Center St., Stockton. R. G. McLean (as Pacific Hardwood Floor Co.) vs. R. Gould and D. G. Johns (as Gould & Johns) \$135

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, \$8000; No. 522 Coast Ave. Fresno. Owner, J. H. Herring, 425 N-Broadway, Fresno; contractor, Varnell & Garzes, 1026 S-4th St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Aug. 27, 1924—S 1/2 OF SE 1/4 of NE 1/4 of Sec 25, 13-17, Fresno. Kerman Union High School Board of Trustees to whom it may concern.
Aug. 27, 1924—LOTS 17 TO 22 BLK 119, Fresno. Elliott E. Bradley to Trewhitt-Shields Co. Aug. 11, 1924
Aug. 27, 1924—LOTS 15 AND 16, Whitehouse Tract, Fresno. A. H. Krimm to whom it may concern.
Aug. 27, 1924
Aug. 28, 1924—LOTS 32 AND 34 BLK 8, High Addition, Fresno. Samuel Z. Todd to whom it may concern.
Aug. 28, 1924
Aug. 30, 1924—LOTS 11 AND 12 BLK 11, E. K. Heights, Fresno. A. G. Lampages to whom it may concern.
August 30, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Aug. 23, 1924—LOT 8 BLK 2, Highland Park Add, Fresno. Barrett Hicks Co. vs. R. L. Deason \$474
Aug. 23, 1924—LOT 5 BLK 18, Alta Vista Add, Fresno. E. H. Coffman vs. Claude L. Saylor \$85
Aug. 25, 1924—LOTS 22 AND 23 BLK 274, Fresno. J. D. Halstead Lumber Co. vs. S. Goroff and F. Knoblock Co. and W. A. Beran \$445
Aug. 27, 1924—LOT 8 BLK 2, Highland Park Add, Fresno. S. C. Whitney, \$250; Otto W. Bary, \$115 vs. R. O. Deacon and S. L. Allen \$856
Aug. 28, 1924—LOT 3, Robinson Tract No. 2, Fresno. Rouf Lumber Co. vs. Victor E. Laine \$856
Aug. 29, 1924—LOT 29, Pleasant View Acres, Fresno. Maister Bros Lumber Co. vs. W. A. Ross \$43
Aug. 29, 1924—LOT 3 Robinson Tract No. 2, Fresno. Madary's Planing Mill vs. Victor E. Laine \$139
Aug. 30, 1924—LOTS 13 TO 16, Packard Tract, Fresno. J. D. Halstead Lumber Co. vs. H. Britt \$151

BUILDING CONTRACTS

SANTA CLARA COUNTY

PLUMBING
SW FIRST AND SAN CARLOS STS., San Jose. All plumbing work in building.
Owner—Santa Claire Realty Co., San Jose.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—Wm. J. Forster Co., 355 4th St., San Francisco.
Filed Aug. 28, '24. Dated Aug. 20, '24.
As work progresses \$25%
Usual \$5 days.
TOTAL COST, not to exceed \$18,184
Bond, limit, forfeit, none. Agreement filed Aug. 28, 1924.

ALL ELECTRIC WORK ON ABOVE.
Contractor—H. S. Tittle, 85 Columbia St., San Francisco.
Filed Aug. 28, '24. Dated Aug. 20, '24.
Payments same as above.
TOTAL COST, not to exceed \$10,750
Bond, limit, forfeit, none. Agreement filed Aug. 28, 1924.

ALL WATER PROOFING ON ABOVE.
Contractor—Alta Roofing Co.
Filed Aug. 28, '24. Dated Aug. 20, '24.
Payments same as above.
TOTAL COST, \$775
Bond, limit, forfeit, none. Agreement filed Aug. 28, 1924.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING

PAINT BLK. 4 North E & E. Town of Santa Clara. All work for dwelling, garage and wood shed.
Owner: John P. Navarro, County of Santa Clara.
Architect: None.
Contractor: F. Jenkins, County of Santa Clara.
Filed Aug. 28, '24. Dated Aug. 28, '24.
Frame up \$625
Plaster coat 625
Buildings completed 625
Usual 35 days 625
TOTAL COST, \$2,500
Bond, none. Limit, 90 days from Aug. 28, 1924. Forfeit, none. Specifications only filed.

ALTERATIONS

12 MARKET ST. No. 176-180 S-Market St., San Jose. All work for addition and alterations to three-story brick building.
Owner: A. A. Scheller, 1st National Bank Bldg., San Jose.
Architect: Wolfe & Higgins, 95-96 Auzaeris Bldg., San Jose.
Contractor: R. O. Summers, 17 N-E First St., San Jose.
Filed Aug. 28, '24. Dated Aug. 28, '24.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$2,190
Bond, \$109.50. Sureties, M. L. Doane and W. S. Holmes. Limit, 45 days from Aug. 28, '24. Forfeit, none. Plans and specifications filed.

RESIDENCE

125 FT. & S. ADDISON ST. part Lot 1 Blk D 50 ft. on Emerson St. by depth of 195 ft., Palo Alto. All work for one-story residence and garage.
Owner: Mrs. Emily Jacobson, Palo Alto Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor: Wm. F. Goodenough, 310 University Ave., Palo Alto.
Filed Aug. 28, '24. Dated Aug. 28, '24.
Frame completed \$1508.25
Plumbing & electric work in 1508.25
Completed and accepted 1508.25
Usual 35 days 1508.25
TOTAL COST, \$6033.00
Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE

PART 500 ACRE, LOT 11, San Jose. All work for two-story and basement frame and stucco residence.
Owner: Newton S. and Mae H. Foster, Architect—Mitchell, Jackson & Co., 170 2nd St., San Mateo.
Contractor: George L. Honore, 156 University St., San Jose.
Filed Aug. 28, '24. Dated Aug. 28, '24.
Frame up \$2311.68
Ready for plaster 2311.68
Plush coat plaster on 2311.68
Building completed 2311.68
Usual 35 days 3082.25
TOTAL COST, \$12,329.00
Bond, limit, 90 days from Aug. 28, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS

S W-SANTA CLARA ST. having frontage of 78.60 on Santa Clara St. wing bet. Orchard and Vine Sts., San Jose. All work for alterations to building.
Owner: Elsa W. Campa, 135 S-Seventh St., San Jose.
Architect: Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor: Morrison Bros., 1310 Liberty St., Santa Clara.
Filed Aug. 28, '24. Dated Aug. 22, '24.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$10,505
Bond, \$5300. Sureties, Christy A. Morrison and D. M. Wallace. Limit, 70 days from Aug. 22, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS, \$1000; No. 48 N-First St. San Jose owner, Sunset Barber Shop, Theatre Bldg., San Jose; contractor, B. J. Smith, 248 Mariposa Ave., San Jose.
RESIDENCE, 5-room, \$4500; Bird St. near Riverside, San Jose; owner, E. Costello, 317 San Fernando St., San Jose; architect, Wolfe & Higgins, Auzaeris Bldg., San Jose; contractor, Beni. Quimet, San Fernando and Cahill Sts., San Jose.

RESIDENCE, 5-room, \$5000; 21st and Taylor Sts., San Jose; owner, Joe Marlaucelli; Premises; contractor, G. Garavaglia & Son, 860 Sherman St., Santa Clara.
COTTAGE, 5-room, \$2750; 19th St. near Julian, San Jose; owner, R. B. Brehm, Premises.
STORE building, \$2500; Santa Clara St. near 30th St., San Jose; owner, H. A. Hehl; contractor, H. J. Manhart.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Aug. 23, 1924—LOTS 15, 16 AND 17 Blk C, Spalding Addition, San Jose.	Aug. 23, 1924—LOTS 15, 16 AND 17 Blk C, Spalding Addition, San Jose.
Aug. 23, 1924—SHEEDING AND MYS, 124—Ptn. Lot 4 Blk 12, University Grounds, Arthur L. and Carrie A. Crosby to whom it may concern.	Aug. 23, 1924—SHEEDING AND MYS, 124—Ptn. Lot 4 Blk 12, University Grounds, Arthur L. and Carrie A. Crosby to whom it may concern.
Aug. 25, 1924—LOT 3 BLK 4, Seale Addition, Alto, Charles J. Lawrence to whom it may concern.	Aug. 25, 1924—LOT 3 BLK 4, Seale Addition, Alto, Charles J. Lawrence to whom it may concern.
Aug. 25, 1924—BEG ON STANFORD Ave. 2nd cor. from S. 1st cor. Lot 151 NW 450 NE 269.20 SE 437.20 NW 213.60 to beg. Pt. Lot 151, C. M. Woosters Co's Subd., San Jose.	Aug. 25, 1924—BEG ON STANFORD Ave. 2nd cor. from S. 1st cor. Lot 151 NW 450 NE 269.20 SE 437.20 NW 213.60 to beg. Pt. Lot 151, C. M. Woosters Co's Subd., San Jose.
Aug. 25, 1924—LOT 7 and E 1st Lot 8, Schiele Subdn No. 2, San Jose. Theo Moss to whom it may concern.	Aug. 25, 1924—LOT 7 and E 1st Lot 8, Schiele Subdn No. 2, San Jose. Theo Moss to whom it may concern.
Aug. 27, 1924—LOTS 17 AND 18 Lendrum Tract, San Jose. Emmie J. Paskie to whom it may concern.	Aug. 27, 1924—LOTS 17 AND 18 Lendrum Tract, San Jose. Emmie J. Paskie to whom it may concern.
Aug. 27, 1924—LOTS 1 AND 2 BLK 4, Gay City Addition, San Jose. Nicholas Vicari to whom it may concern.	Aug. 27, 1924—LOTS 1 AND 2 BLK 4, Gay City Addition, San Jose. Nicholas Vicari to whom it may concern.
Aug. 27, 1924—LOTS 6, 7, 8 AND 9 Blk 37, Nelson J. Bird's Subdn, Palo Alto. Jennie E. Lawson to whom it may concern.	Aug. 27, 1924—LOTS 6, 7, 8 AND 9 Blk 37, Nelson J. Bird's Subdn, Palo Alto. Jennie E. Lawson to whom it may concern.
Aug. 28, 1924—PLOT OF GROUND ON S Emerson St. bet. Forest and Hamilton Aves., Palo Alto. Palo Alto Improvements Co. to whom it may concern.	Aug. 28, 1924—PLOT OF GROUND ON S Emerson St. bet. Forest and Hamilton Aves., Palo Alto. Palo Alto Improvements Co. to whom it may concern.
Aug. 28, 1924—LOTS 17 AND 18 BLK 1, Burrell's Resbdvn, San Jose. C. M. Cook to whom it may concern.	Aug. 28, 1924—LOTS 17 AND 18 BLK 1, Burrell's Resbdvn, San Jose. C. M. Cook to whom it may concern.
Aug. 28, 1924—NE COR. SIXTEENTH and Santa Clara Sts. 56 on N line 16th St. by 100 ft. on E Santa Clara St., San Jose. J. R. Phelps to whom it may concern.	Aug. 28, 1924—NE COR. SIXTEENTH and Santa Clara Sts. 56 on N line 16th St. by 100 ft. on E Santa Clara St., San Jose. J. R. Phelps to whom it may concern.
Aug. 29, 1924—S PARK AVE, bet. Market and Orchard Sts. about 204.1 ft. from W Market, San Jose. M. Glennon to whom it may concern.	Aug. 29, 1924—S PARK AVE, bet. Market and Orchard Sts. about 204.1 ft. from W Market, San Jose. M. Glennon to whom it may concern.
Aug. 29, 1924—SE FOREST AVE & W Boyce Ave SW 107.78 ft. to point dist on Forest 350 ft. by 154.45 ft. Pt. Blk 84, Palo Alto. Frances E. Wagner to whom it may concern.	Aug. 29, 1924—SE FOREST AVE & W Boyce Ave SW 107.78 ft. to point dist on Forest 350 ft. by 154.45 ft. Pt. Blk 84, Palo Alto. Frances E. Wagner to whom it may concern.

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Aug. 23, 1924—LOT 94, Bender's Subn.	
Aug. 23, 1924—J. A. Smith vs Paolo Peterson	\$151.50
Aug. 27, 1924—LOT 16 BLK 4, Lewis Subdn, San Jose. Tilden Lumber & Mill Co vs Joe and Josephine Terisi	\$93.55
Aug. 28, 1924—LOTS 1 AND 2 BLK 5, W Vestals Subdn, San Jose. Tilden Lumber & Mill Co vs Charles Camarata	\$348.70
Aug. 28, 1924—LOT 16 BLK 4, Lewis Subdn, San Jose. Sunset Lumber Co vs Joe and Josephine Terisi	\$85.70
Aug. 28, 1924—LOT 16 BLK 2, Mt. Hamilton View Park, San Jose. Sunset Lumber Co and Tilden Lumber & Mill Co vs Real Estate Subdivision Co., Inc. and S. J. Morton.	\$1304.10
Aug. 28, 1924—LOT 5 BLK 1, Mt. Hamilton View Park, San Jose. Sunset Lumber Co and Tilden Lumber & Mill Co vs Real Estate Subdivision Co., Inc. and S. J. Morton.	\$1191.05

BUILDING CONTRACTS

SAN ANSELMO, MARIN COUNTY

Following building permits were issued in San Anselmo during the month of August, 1924:

DWELLING, \$2000; Lots 105 and 106 Bush Tract, Scenic Ave., San Anselmo; owner, W. V. Harn.
DWELLING, \$900; Ptn. Lots 16 and 17 Blk E, Carrigan Tract, Calumet Ave., San Anselmo; owner, L. P. Marinas.
GARAGE, \$450; Lot 33, Tamal Park, San Anselmo; owner, M. Munson.
ALTERATIONS, \$1750; Lot 70, Ross Valley Park San Anselmo Ave., San Anselmo; owner, A. Rugerli.
DWELLING and garage, \$4250; Lot 9 Blk 2, Moringside Court, San Anselmo; owner, F. Vonderheide.
DWELLING, \$4500; Lots 7 and 8, Sunnyside Tract, Austin Ave., San Anselmo; owner, L. Ferreri.
ALTERATIONS, \$700; Barber Tract, Barber Ave., San Anselmo; owner, Mr. Shay.

S. F. BUILDING SUMMARY

Private building operations in San Francisco for the month of August, 1924, totaled \$4,040,980, according to John P. Horgan, chief inspector of buildings of the Department of Public Works. During the month 894 permits were issued as compared with 776 permits during the month of July, 1924, when the total valuation was estimated at \$3,988,466.

Following is a segregated list of the activities covering the past month:

Class	No. of Permits	Est. Cost
A	1	\$ 600,000
B	2	506,000
C	24	430,800
D	396	2,127,434
E	471	376,746
Total	894	\$4,040,980

ALLEN H. BABCOCK ADDRESSES S. F. DEVELOPMENT LEAGUE

Accomplishments of the recent electrical communications conference held in Mexico City were outlined by Allen H. Babcock, electrical engineer and official conference representative of the United States Government, at a luncheon meeting of the San Francisco Development League held in the Palace Hotel, August 25.

"We entered the conference," said Babcock, "in the earnest desire to cooperate with any program that would improve communication services between the peoples of this hemisphere. But it was impossible to join with the eighteen Northern, Central and South American states represented on principles that the contrary to the national policies of the United States Government. Our delegates could not agree to accept a program that substituted government ownership and operation for private ownership and operation. All the nations represented signed the convention resolutions but the United States."

GRANTED WATER RIGHTS

Eighteen water appropriation permits, providing for a \$200,000 hydroelectric project to be developed by the Southern California Edison Company of Los Angeles, has been issued by the State Division of Water Rights.

The power project is the largest ever proposed in California and one of the greatest ever proposed in the United States.

The development work contemplated by the Southern Edison Company would be confined to Fresno and Madera counties.

Storage reservoirs are to be constructed as part of the power scheme, which will mean the development of practically the entire watershed of the San Joaquin river above the 1000-foot level.

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 SALT LAKE CITY

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SAN FRANCISCO, CALIF., SEPTEMBER 13, 1924

Published Every Saturday
Twenty-fourth Year No. 37

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Mixer



Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—**dominant strength concrete**—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 13, 1924

Twenty-fourth Year No. 37



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OAKLAND TO STANDARDIZE SCHOOL CONSTRUCTION

An entirely new system of handling the construction of schools will be immediately established by the Oakland Board of Education, according to announcements made by W. R. Whelan, superintendent of construction.

The new policy calls for standardization of plans for all school rooms, for all material used in the construction and for all of the equipment and fixtures to be used after the schools are completed. It also calls for the unit plan of construction under which new class rooms may be added as needed. Outstanding advantages of the new system are to be found in the fact it assures 100 per cent efficiency.

In standardizing the construction it is pointed out that there will be no standardization of design. Architects will not be hampered in originating artistic exteriors. The interiors, however, must conform.

"In connection with this standardization we are working out a system of units. Each unit will consist of so many rooms. With proper accommodations for pupils and teachers," Whelan explained. "One of the radical changes in the new elementary schools will be that of making the assembly hall serve also as a gymnasium. This will effect economy of space and of construction."

WASHINGTON STATE ATTORNEY RULES ON BUILDING SHARES

That a building and loan association cannot legally contract to furnish any savings shares whose mature value has not been fully paid into the association, is the opinion rendered by Attorney General John H. Dunbar to Director L. D. McArdle of the Washington State department of taxation and examination, relative to a charge of \$2 a share attempted to be made by some associations.

"This being true," says the opinion, "it follows that such association can lawfully charge or contract for a membership fee only as to such shares as have been fully paid for by the excess of his deposits over the amount represented by his fully paid shares."

In reaching this conclusion the opinion says:

"Since, therefore, it is entirely optional with the purchaser of savings shares as to the times and amounts of payments thereon, were it permissible for the association to take subscriptions or accept applications for blocks of savings shares in advance of any substantial portion of such shares being paid in, such association would be in a position to accept subscriptions for all of the shares representing its capital, without actually receiving a working capital and without its subscribers being liable therefor, either to the association or its creditors.

"We cannot believe it to have been the legislative purpose to place such association so far beyond the pale of the ordinary corporations whose capital, or organization, is represented by the funds paid in or which it contracted to be paid in on demand, by the stock subscribers."

SAVING PAINT ON CONCRETE FROM THE ACTION OF FREE LIME

When paint or varnish having a lime-seed oil base is applied to an untreated surface of fresh concrete it is likely that free lime or other caustic material in the concrete will react with the oil of the paint and cause disintegration and failure of the paint. To prevent such action the surface of the concrete should be treated with a thorough coating of zinc sulphate solution prepared by dissolving three pounds of zinc sulphate crystals in a gallon of water. The solution may be applied with a brush, spray, or in the case of small units, by dipping. This treatment will neutralize any caustic material in the concrete and after it has dried thoroughly (about 24 hours) the paint or varnish may be applied.—Concrete.

LACK OF INTEREST DEFEATS BAKERSFIELD WATER BONDS

Lacking 361 votes of a two-thirds majority, the proposed bond issue of \$1,500,000 of the Bakersfield Municipal Water District was defeated. The total vote was 2297, of which 1127 was cast against and 1170 for the bond issue. The district required a total of 1531 out of 2297 votes in order to carry a two-thirds majority. Predictions were made before the closing of the polls that even a majority vote would not be obtained for the bond issue, as voters were indifferent. Within the past two weeks a canvas had been made, in which, it is said, that while the voters were lacking in enthusiasm, the poll indicated that the people of the city were favorable to the bond issue.

INCREASED INTEREST NOTED IN ZONING LAWS

The people of the United States are showing an increased interest in zoning to control the use, height and area of buildings in various districts of their communities, and in consequence zoning laws have been enacted or are being considered by nearly every state in the Union. The first step is to adopt a state zoning enabling act after which the authorities of the cities, towns, boroughs, villages or other municipalities may adopt zoning ordinances to fit local conditions.

Thirteen of the states that have enacted zoning legislation since January 1, 1923, have used all or a substantial portion of "A Standard State Zoning Enabling Act," which was prepared by the Advisory Committee on Zoning of the Department of Commerce to serve as a model for those desiring to introduce zoning legislation in their states. The great care used in the preparation of the Standard Act had much to do with its favorable reception.

During 1925 the legislature of 34 states will meet, most of them early in January, and it is expected that zoning legislation will occupy a prominent place on the legislative calendars. In nine of these states which have not as yet passed zoning legislation, various groups plan to have zoning enabling acts considered early in the sessions. In some of the other 25 states, which now have zoning laws, plans are being made to extend the application of their acts since they grant the privilege of zoning only to single cities or specific groups.

The thirteen states which have used the Standard Act in whole or in part since its tentative publication in 1923, follow: Colorado, Delaware, Illinois, Iowa, Nevada, New Jersey, North Carolina, North Dakota, Oklahoma, Pennsylvania, Rhode Island, South Carolina and Wyoming.

HIGHER BUILDING POSSIBLE WITH NEW ELEVATORS

The possibility of skyscrapers towering 750 feet into the air is becoming more imminent with the perfection of vertical systems of transportation, which surpasses the present type of elevator system now employed in office buildings, Arthur Longedyeke of New York, said in a report submitted to the convention of the National Association of Building Owners and Managers.

"Plans have been made for elevator cars controlled by a push button system to serve a building sixty stories in height, running an express service similar to an express service on a railway," said Longedyeke. "Stops at the tenth, twentieth, thirtieth and every ten floors to the top are provided, with a local service for each ten floors. While the plan may not be put in operation in the immediate future, I mention it as an illustration of the possibilities in future buildings of great height."

The push button system will be installed in the new Standard Oil building in New York, he declared. Under the system, the passenger announces his floor as he steps in the elevator and the operator pushes a button for that floor. The car is not stopped until it reaches the floor for which the button has been pushed, unless prior to reaching the floor it arrives at one where there is a waiting passenger who has pushed a floor button.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



Responding actively to the slogan "The practical application of highway research," sounded by Director Charles M. Upham of the National Highway Research Council, forty State Highway Commissions have already named representatives on this Board. Through the State representation, the Highway Commissions and the Advisory Board will have a medium whereby research problems may be thoroughly studied. The problems will be brought to the attention of the various States and others engaged in highway research, and the solutions will be made known to the State Highway Commissions through their representatives, or contact men. Announcement is made that the Annual Meeting of the Advisory Board will be held at the new National Research Council building, Washington, D. C., on December 4th and 5th, when the various committees will report and a program, to be announced later, will be presented. It is expected that there will be present at this meeting a representative from each State Highway Commission, as well as representatives of the member organizations of the Board and others interested in its work.

Charles R. Detrick, State building and loan commissioner, in his annual report for the fiscal year, ended June 30, says there are 145 associations under his jurisdiction, of which twenty are in San Francisco. Assets for the State are placed at \$108,687,142.86, compared with \$86,270,458.70 for the year previous, a gain of \$23,416,684.16. Building and loan associations of California now have 116,389 members and investors, and 49,922 borrowers; the average investment is \$838.13, and the average loan \$2,837.34. The total home building loans made by building and loan associations in this State now aggregate 75,907, of which \$378 were made this year. The number of real estate loans made for the year were 15,771. Sixteen new associations were formed and licensed.

Chas. H. Spear, president of the California State Board of Harbor Commissioners, has been elected president of the Pacific Coast Association of Port Authorities. Capt. S. S. Sandberg, traffic manager for the Port of Los Angeles, was named secretary of the commission.

According to word from Seattle, sentiment continues to improve in lumber circles. Prices are remaining firm at an improved level. There is a sufficiency of logs in the water to meet immediate requirements. Loggers will probably await rain for safety before starting fall operations.

Damage claims amounting to \$102,000 and \$25,000 for costs, were levied at Vancouver, B. C., by a court against the Comox Logging and Railway Company for permitting a forest fire in June, 1923, to get out of control and destroy the town of Merville on Vancouver Island.

West Coast Pulp & Paper Co., organized in Salem, Ore., with the principal place of business at Olympia, Wash., capitalized at \$1,250,000, plans early construction of a wood pulp and paper plant at Tumwater, near Olympia.

Berger & Carter Co. of San Francisco has been purchased by A. M. Castle & Co., iron and steel jobbers of Chicago. The purchasing company has large warehouses in Chicago and offices throughout the United States. It is affiliated with a number of important mill interests. The Berger & Carter Co. has been in business in San Francisco for 21 years. Otto A. Berger, president, has become associated with A. M. Castle & Co. and will retain an active interest in the company. R. L. Sanford, who has been resident vice president of A. M. Castle & Co. in San Francisco for the last 17 years, will continue his interest in the management.

Department of Commerce reports show that San Francisco has transacted more foreign trade in one year, 1923, than Los Angeles Harbor has transacted in the 33 years from 1890 to 1923. San Francisco's foreign trade in 1923 was \$327,209,118 compared with a total of \$283,393,064 for Los Angeles during the entire 33 years since it became a shipping center. The foreign commerce of San Francisco increased 400 per cent in 1923 over 1910 compared with but a 250 per cent increase for the entire country.

Three officials of the Pacific Coast Home Building Company of Los Angeles, C. A. Eckfeldt, I. O. Blake and E. V. Randack, have been sentenced to 180 days in the city prison and fined \$500 each in the police court of Los Angeles on charges of petty embezzlement growing out of the alleged misappropriation of the company's funds. Defense counsel filed notice of appeal and the defendants were released on \$1000 bond each.

H. C. Bottorff, city manager of Sacramento, will attend the international convention of city managers to be held in Montreal, Sept. 21 to 27. He will be absent from his official duties for one month during which time he will visit other American and Canadian cities where the city manager form of government is in force. Corning De Saules, city controller of Sacramento, will be acting city manager during Bottorff's absence.

The Pacific Coast Steel Company, Southern California Division, with offices in the Bartlett Building, Los Angeles, has purchased a site approximately 300 by 400-feet in Stanford Avenue near East 62nd street, that city, and will erect a warehouse 89 by 200 feet. An additional unit, 80 by 200 feet, will be erected later.

Pacific Lock Joint Pipe Company, Seattle, Wash., has purchased a 5-acre site between G street and Western Pacific right-of-way at foot of 87th avenue, East Oakland, and plans early construction of a new plant for the manufacture of concrete pipe and culverts.

The St. Clair sawmill at Coles Station, El Dorado County, has closed down for the season, having finished sawing 1,000,000 feet of lumber. Delivery was made direct from the mill by truck to the railroad at Brighton near Sacramento.

Alex F. Marshall Company, builders, announce the removal of their offices from 1424 Franklin street to 1410 Madison street, Oakland.

Through a reduction in its operating forces, mostly among members of the engineering staff, the state highway commission announces that a cut in its payroll amounting to \$34,000 per month has been made since June 1st. The reduction includes 242 men, who have either been laid off or resigned in anticipation of the suspension order. Employees affected include resident engineers, assistant resident engineers, chief of survey parties and surveyors. In explanation of the reduction program, R. M. Morton, state highway engineer, said that much of the proposed work is now ready for contract and that a large amount of additional survey work at this time is not necessary.

Henry P. Hoey, assistant engineer for the Southern Pacific Company, died Sept. 7, at Oakridge, Ore., where he was in charge of construction work on the Natron cutoff. Hoey was one of the leading railway engineers in the West, having had charge of the building of many important lines during the past twenty years. Apoplexy caused his death. He was 61 years old. Among the railroad construction jobs he supervised were: the Coast lines from Surf to Santa Margarita and Santa Barbara, lines from Weed to Kalmath Falls, Marshfield to Eugene, Natron to Oakridge, and Eugene to Oakridge, Ore.

Victor H. Stahell, recently appointed city engineer of Hermosa Beach, has resigned, giving as his reason that he would be obligated to carry through certain street proceedings which he claimed were defective and that he would be held responsible for certain engineering details of which he did not approve. Asked by the board of trustees to withdraw his resignation, Mr. Stahell said he believed it would be in the interests of harmony for the board to appoint another engineer.

R. D. Cooper, civil engineer; Percy Cupper, former Oregon state engineer and Robt. J. Simpson, hydraulic engineer, have opened offices in the Oregon Bldg., Salem, Ore.

Santa Barbara city Council call election to vote bonds of \$575,000 for improvements which will include \$135,000 to finance construction of a municipal power plant.

Election will be held Sept. 30 in Oakland to vote bonds of \$9,600,000 to finance erection of new schools and additions to standing structures.

The twenty-seventh annual convention of the American Mining Congress will be held in Sacramento the week commencing Sept. 29.

Cy Moreing, street paving contractor of Stockton, died in that city Sept. 8 after an illness of several weeks.

Boulevard Planing Mill, 3730 Foot-hill Blvd., Oakland, was destroyed by fire Sept. 9.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STANDARD CONTRACT FORMS OF A. G. C. TO BE ISSUED

"The standard contract forms for construction of buildings and for engineering construction are now being printed and will soon be available for distribution," it is announced in the Members News Letter of the Associated General Contractors of America.

"Copyright and other details connected with the two documents have been cared for, and the culminating phase of work which has extended over a period of three years is now being entered."

"The joint conference on standard construction contracts has concluded its work on the two contract forms. They now are to be transmitted to each of the interested associations. They will be adopted by some of these bodies and approved by others, while some of the organizations have made no provision except to receive the committee suggestions."

"The forms which they are now being submitted these contracts may be justly considered as representing the best thought upon details which entered into their formulation."

11,000,000 BUILDERS AND DEPENDENTS

Secretary of Labor Davis recently said: "More than 11,000,000 of our people are dependent for their living upon the construction industry and 22 per cent of all the skilled and unskilled labor of the country is engaged in the building branch alone. Some 250,000 freight cars are required to handle the materials. Our building bill is \$200 per year for each family in the United States." Mr. Davis concluded: "It is truly the chief barometer of the business of the country. When construction gains, prosperity is with us. It is the great outstanding influence for good or bad in our financial progress."

LIABILITY INSURANCE NOT OVERHEAD IS CLAIM

The Electrical Board of Trade of New York has recently decided that liability insurance is not overhead. The board believes that it is just as much a part of the cost of the work as are conduit and wire. It is essential to the work and is money expended. The board held that the contractor was entitled to overhead and profit on this expenditure. The complainant in a case conceded that the actual amount expended should be repaid to the contractor but did not at first see that the contractor was entitled to a profit on this item. He finally admitted that it should be treated as any other job expense item.

LOS GATOS EXCHANGE OPENS NEW QUARTERS

The Los Gatos Builders' Exchange, recently organized, has opened offices in the Foothill Hotel Block, Main St. Los Gatos. The exchange has secured the services of Mrs. Isabel L. Colbath to take charge of the offices, and to serve in the capacity of secretary-stenographer for the membership. Mrs. Colbath has had newspaper experience which will enhance her value to the

organization. G. A. Millar is president of the new organization, D. H. Main is secretary, and Louis H. Lawson is treasurer.

BONUS REDUCES LABOR TURNOVER FOR CONSTRUCTION COMPANY

Bonuses totaling approximately \$5000 were distributed to forty employees of the Paul Steenberg Construction Company, St. Paul, Minn., for continued and faithful service. The Steenberg plan is rather unusual in the building industry, where the labor turnover is generally large. Mr. Steenberg says the bonus plan has solved his labor problem, for most of his employees have continued in the organization for a number of years.

The Steenberg company operates on the open shop plan and pays the standard scale of wages to the men. When profits are figured at the end of the year the first 10 per cent is set aside for paying dividends on the stock, and the remainder is divided equally between the firm and the employees.

The plan as first started included only foremen, but now it has been extended to include the entire organization. In order to participate in the bonus, a day laborer must have earned at least \$500 during the year, a skilled worker must have earned at least \$800. During the past years the Steenberg company completed two large jobs in St. Paul and another in Dubuque.—American Contractor.

AMERICAN CONSTRUCTION COUNCIL MEETS IN N. Y. NEXT MONTH

The annual meeting of the American Construction Council for 1924 will be held on October 2nd and 3rd in New York City.

Aside from the regular business sessions of the Council and the meetings of the Board of Governors and its Executive Committee, the following subjects are among those on the program for the general sessions:

Better Building—Discussion of ways and means to insure better quality of construction and the promotion of greater responsibility among all elements having to do with construction. Report of the Council's committee on better building.

Engineering Construction—Discussion of fundamental relationships between the elements of the industry pertaining to engineering construction, including field projects, highway construction, public carriers, etc.

Apprenticeship—A survey of the apprenticeship movement for the building trades throughout the country. Report of the Council's committee on apprenticeship and its affiliated groups.

The Building Congress Movement—Group meeting of the various local Building Congresses throughout the country. Discussion of principles and procedure underlying the organization and administration of Building Congresses for given localities.

PAST 8 MONTHS BUILDING

Building construction for the first eight months of this year has reached a total of \$3,429,000,000, according to a review made public by the Indiana LimeStone Quarrymen's Association, based on reports from a thousand cities and towns.

DEALERS URGE THREE PER CENT FOR LIGHTING FIXTURES

An allowance of 3 per cent of the construction cost of dwellings for lighting fixtures is being urged by dealers throughout various sections of the country. Often no provision is made for lighting fixtures and where an amount is stipulated it is too small. Fixtures are the last thing put into a house and when the owner is short of money it is a common practice to put in cheap fixtures with the expectation of replacing them with better ones, which is seldom done.

"Men engaged in the lighting industry say the average cost of lighting installation in the average house has been about 1 per cent of the construction cost," says the Improvement Bulletin.

"Allotments for plumbing and heating installation are usually quite carefully figured out at the time the plans are made, with allotments provided thereof of from 5 to 15 per cent of the total cost of construction."

"It is a mistake to equip homes that have attractive interior finish and beautiful furnishings with cheap and unattractive fixtures, out of harmony with the architect's design. The lighting fixtures should enhance the beauty of the home—not detract from it. Cheap lighting fixtures in an otherwise attractive home are comparable to a bargain counter necklace worn with a costly evening gown."

"Sometimes the owner compromises on a few good pieces in the living room and dining room, with cheap fixtures elsewhere throughout the house. The result is absurdly incongruous."

"The movement for a 3 per cent allowance for lighting fixtures started in Detroit. The National Association of Lighting Equipment Dealers embarked upon a campaign to arouse architects and owners to the importance of selecting fixtures in harmony with the home, and to set aside a definite sum for that purpose. The 3 per cent idea preached by dealers has been slowly spreading. Lighting equipment men in Minnesota have taken it up, and are engaged in a campaign to emphasize the importance of choosing fixtures in harmony with the rest of the home—and, furthermore, of choosing them before the house has been built."

"Good lighting fixtures are an integral part of good interior decoration, and inharmonious or inartistic fixtures will ruin an otherwise perfect scheme of interior decoration."

RESERVOIR PROBE STARTED

H. H. Hawgood and G. S. Binkley, consulting engineers, and Stanley Bent of Bent Bros., general engineering contractors, all of Los Angeles, have been appointed by the city of South Pasadena to investigate the cause of the failure of the 6,000,000 gallon water reservoir in that city early on the morning of August 31. The reservoir had just been completed and contained about 5,000,000 gallons of water. A residence and school building were inundated. The reservoir was partly excavated, with a 20-ft. embankment about ground, and was lined with concrete reinforced with wire mesh. R. E. Bergund was the builder, his contract amounting to about \$25,000.

TOO MANY ODD SIZE DOORS SEEK SIMPLIFICATION

Likelihood of early surveys leading to a reduction in the types and sizes of doors manufactured by the millwork industry throughout the country is indicated by the Division of Simplified Practice, Department of Commerce. Suggestions for such action have come within the last few days to the Division from two important sources. One of these, the Southern Sash, Door & Millwork Manufacturers' Association, in a convention held recently in Asheville, N. C., adopted formal resolutions endorsing the lumber standardization program adopted a few months ago and which became effective on July 1. The other was from a big manufacturing company in Tacoma, Wash.

"We are wondering," wrote this firm, "if some action could not be taken in the stock door industry to eliminate many needless types and sizes of doors which the manufacturers are called upon to make. * * * There are certain standard types and sizes of doors which constitute the bulk of the doors manufactured in stock factories. These are, however, many customers who order a stock pattern, but who insist on some slight deviation, usually for no better reason than the fact that they have always received them in this way before. * * *

"We are confident that the stock door factories in this section would welcome some effort to simplify the business. * * * We also believe that the distributors and dealers in sash and doors would be in favor of such a movement."

Indications have shown that Southern dealers in this commodity are heartily in favor of a simplification of sash, doors and millwork generally; and the subject is being investigated in other section of the country to ascertain the reactions of the distributors and dealers, the Division reported.

WOOD PRESERVATION RESEARCH

Director E. R. Wiedlein of Mellon Institute of Industrial Research of the University of Pittsburgh has announced the founding of an industrial Fellowship on the treatment of timber. This research, which is being sustained by the Grasselli Chemical Company, of Cleveland, O., and is being conducted by Dr. A. M. Howald, has for its purpose a study toward improvement of the methods of applying zinc chloride in the wood preservation industry.

Investigational work which was begun during 1923 will be continued throughout the present year. An experimental wood-impregnating plant is maintained for practical tests of products. Research is at present being done under the supervision of Dr. Howald on the development of a method of increasing the permanence of zinc chloride treatments of timber by the addition of petroleum oils.

LUMBER CONTRACTOR SUES

More than a million dollars' damages are asked by J. F. Cox, lumber contractor, well known in the Pacific Northwest section, in a superior court case started at Boise, Idaho, against the Milwaukee Lumber Company of St. Maries, Idaho.

The suit is in the nature of a breach-of-contract suit. Cox declares in his complaint that as a result of a loss of profits, due to the alleged breach, he was damaged to the extent of \$1,115,876.

He charges the lumber company with endeavoring to embarrass him financially and to ruin his credit and with attempts to break the contract so that a new one might be made whereby he would have received less than market price for logging off lands in Benewah County.

August Building Summary

That the resumption of building activity on the Pacific Coast noted in July was sustained in August is evidenced by reports of building permits issued during the past month in 77 cities comprised in the Pacific Coast section of the National Monthly Building Survey of S. W. Strauss & Co.

Following are the official August, 1924 construction figures reported by building department executives, from the various cities comprised in the S. W. Strauss & Co. building survey for the Pacific Coast States:

	August, 1924	August, 1923	July, 1924
ARIZONA:			
Phoenix	\$ 210,329	\$65,805	\$125,868
Tucson	79,275	155,894	155,894
Total	289,604	133,999	281,762
CALIFORNIA:			
Alameda	\$145,619	\$119,129	\$177,114
Alhambra	308,950	523,705	488,345
Anaheim	34,965	158,652	52,780
Berkeley	901,908	620,435	1,158,918
Beverly Hills	141,181	17,422	201,350
Burbank	110,480	147,225	170,289
Burlingame	257,733	120,000	186,301
Colton	10,550	48,030	34,000
Coronado	63,920	25,295	21,535
Culver City	96,675	165,173	45,815
Eureka	75,863	201,235	6,650
Fresno	144,500	67,500	25,400
Fullerton	148,916	286,413	96,490
Glendale	370,600	94,705	92,175
Huntington Park	657,611	931,693	1,126,351
Inglewood	100,782	205,591	132,945
Long Beach	74,150	224,960	75,405
Los Angeles	1,045,041	1,566,817	1,419,968
Los Angeles	13,893,095	22,249,262	11,599,782
Modesto	62,330	17,355	90,255
Monrovia	167,150	202,100	56,750
Montebello	43,140	39,875	21,650
National City	32,635	19,100	13,375
Oakland	3,026,716	2,118,416	3,350,532
Ontario	34,026	39,935	61,110
Orange	84,450	67,325	40,550
Palo Alto	196,935	106,475	365,113
Pasadena	1,306,328	765,629	871,465
Piedmont	91,832	191,136	80,359
Pomona	89,000	24,880	108,095
Redwood City	100,443	30,638	101,862
Redlands	59,930	62,295	62,075
Richmond	66,680	113,582	66,370
Riverside	136,183	169,600	115,843
Sacramento	497,976	2,514,560	609,405
San Bernardino	37,792	150,058	491,535
San Diego	1,632,051	651,598	879,080
San Francisco	4,040,980	3,915,300	3,988,466
San Gabriel	37,935	72,450	38,375
San Jose	298,440	187,885	547,560
San Leandro	84,856	118,102	65,890
San Mateo	117,150	118,175	121,379
San Rafael	28,70	13,100	26,700
Santa Ana	126,670	429,409	187,205
Santa Barbara	212,835	116,938	247,513
Santa Cruz	23,715	65,045	33,850
Santa Monica	291,581	455,625	420,715
South Gate	128,755	81,120	56,600
Stockton	363,319	251,375	526,515
Torrance	32,285	228,790	64,300
Vallejo	11,163	25,540	5,687
Venice	27,569	180,620	232,950
Ventura	61,805	94,720	91,618
Vernon	24,210	161,500	81,630
Whittier	50,595	139,105	106,290
Total	33,127,184	42,158,796	31,271,020
IDAHO:			
Boise	\$103,207	\$105,429	\$29,204
NEVADA:			
Reno	\$59,200	\$56,908	\$33,325
OREGON:			
Astoria	\$103,915	\$64,540	\$237,435
Eugene	384,000	82,542	428,555
Klamath Falls	402,915	14,170	403,930
Portland	3,152,125	2,818,365	2,048,145
Salem	134,360	106,000	84,150
Total	4,167,255	2,985,607	3,202,215
UTAH:			
Logan	\$6,800	\$29,800	\$15,000
Ogden	113,200	67,200	161,000
Provo	7,000	98,750	13,800
Salt Lake City	507,263	559,730	646,048
Total	704,263	755,480	840,908
WASHINGTON:			
Bellingham	\$110,210	\$84,910	\$142,759
Everett	478,308	111,757	117,725
Hoquiam	22,55	80,058	26,418
Seattle	2,116,960	1,281,130	2,061,110
Spokane	185,161	196,141	198,350
Tacoma	742,632	223,416	492,343
Vancouver	40,605	21,471	41,225
Walla Walla	6,295	56,030	4,885
Yakima	100,215	12,710	41,240
Total	3,802,967	2,017,623	3,127,053
Grand total—77 cities	\$42,253,880	\$48,213,842	\$38,785,487

LOS ANGELES BUILDING FOR AUGUST TOTALS \$13,583,095

Los Angeles' building total for August, 1924, was the third largest monthly total for the current year and larger than any monthly total for 1923. During August, 1924, the Los Angeles city building department issued 3835 permits with an estimated valuation of \$13,583,095. For the same month in 1923 the number of permits was 5932 and the estimated valuation was \$22,248,262. That was the peak month of one of the most extraordinary periods of building in the southern city. For August, 1922, the number of permits was 4294 and the estimated valuation was \$11,523,891. As 1922 was a period of brisk building activity in Los Angeles, the showing for August, 1924, is satisfactory.

For eight months of 1924 Los Angeles' building total is \$104,321,615, compared with \$131,221,720 for the corresponding period last year and \$79,047,159 for eight months of 1922. It will be observed that while the total for the current year is \$26,900,105 less than for 1923, it is \$25,274,456 greater than for the corresponding period of 1922.

FAULTS IN PLUMBING BRING \$35,000 SUIT

A suit to recover damages aggregating \$35,000 has been filed in superior court at San Jose by George Millas of Gilroy, naming J. E. O'Mara, contractor, as defendant. According to the complaint filed by Millas, O'Mara and he entered into a contract in October, 1921, whereby O'Mara undertook to furnish and install certain fixtures in a hotel under construction at Gilroy, among other things to complete in a workmanlike manner all the plumbing work, including the hot water piping with appropriate valves. Millas claims that the hot water system was not successful as he was unable to supply hot water to about 15 rooms and to other rooms the flow was only lukewarm, which interfered with renting and injured his business. He states that it will cost from \$10,000 to \$15,000 to replace the plumbing in the building, to the great loss of his business, which he estimated will be \$20,000 more. He also claims that he boarded workmen while O'Mara was attempting to remedy the defect in the hot water system and paid out money on account of the work and in all he seeks judgment against O'Mara for the sum of \$35,103.55 and costs of suit.

RUSSIANS BACKWARD IN DEVELOPING TELEPHONE

If there were as many telephones in Russia in proportion to population as there are in the United States, the Russian telephone system would have approximately 17,327,000 telephones. Russia actually had, however, on the latest statistics which figures are available, only about 112,000 telephones, or less than three-quarters of one per cent of the number there would be if the Russian telephone system were as well developed as the telephone facilities in the United States. In fact, there are more telephones in the City of Pittsburgh than in the whole of Russia.

TELEPHONING IN JAPAN

If you call central on the telephone in Japan the operator says "moshi, moshi" when she answers you, and then asks you "nanban," which means "number please." Suppose you were calling Aoyama 1243, you would say "Aoyama issen ni hyaku go ju san ban." At the close of a telephone conversation the Japanese say "sayonara" which means "goodby."

California Highway Commission Victor in Important Lawsuits

By Paul F. Frattessa, Attorney California Highway Commission

Two lawsuits have recently been decided in favor of the California Highway Commission which are of considerable importance.

The first is the suit brought by Palmer & McBryde against the state for extra compensation claimed by them on a contract in Del Norte County. The road was built along the side of a cliff, overlooking the ocean. The contractors put in some heavy blasts and caused large quantities of material to slide into the sea. The bank broke back beyond the original slopstakes and the contractors sued for this additional material. The defense was that the over-break was due to over-shooting.

The contractors sought a writ of mandate to compel the State Highway Engineer to amend his final estimate to include this extra material. The case was decided chiefly upon the ground that the proceedings in mandamus were not the proper remedy and that the contractors should have begun a straight suit on their contract.

The court pointed out that the engineer is the agent of the state for the examining of the work and the estimating of the amount payable, which necessarily requires the exercise of judgment. The examination having been made, the court is without power to direct the engineer to make a different finding.

There was another point in the case which is instructive in future transactions. The court held that the check given in payment for the final estimate was so worded that, by its acceptance, the contractors waived all further claims. It is important that the division engineers, and others making final settlements with claim-

ants, should have it definitely understood and clearly stated that by accepting the money the contractor waives all further claims and demands against the state under the contract or purchase order. That will save much trouble and litigation.

The second case was brought by the California Highway Commission against a rice grower in Colusa County to enjoin him from permitting irrigation water to drain upon the highway. There is much alkali in the adobe soil beneath the pavement on portions of this road and when it becomes wet it greatly weakens the foundation of the pavement. Many rice growers in the neighborhood were using the drains on each side of the highway right of way as drainage canals and were causing the pavement to crack and crumble.

The draining of this water upon the right of way or even the permitting of it to seep upon the road is directly prohibited by Section 538 of the Penal Code, and by Section 5 of "An act providing for the care, management and protection of state highways," found on page 43 of the pamphlet of "Important Statutes Relating to the California Highway Commission."

Immediately upon the injunction being served, the grower in question stopped draining water on to the road and the commission accomplished the end desired.

The case demonstrates that persistent act of damage to or interference with the highways can thus be effectively stopped by injunction proceedings. The commencement of this suit is evidence of the determination of the commission to protect the state highways from unlawful damage by every rightful means within its power.

Construction Slack in Orient Over-Supply of Cement Reported

G. S. Brown, President of the Alpha Portland Cement Company, who recently returned from a three months study of conditions in the Far East, summarizes as follows his observations on the construction industry in Japan, China and the Philippines:

"The anticipated construction program of the Japanese to replace the buildings lost by earthquake and fire last year has failed to materialize. Temporary structures sufficient to house the people have been erected but little permanent construction has been started and when I was there no one seemed to have any knowledge as to when active, permanent reconstruction would be started.

"There is a surplus in Japan of all sorts of construction materials. Indeed the construction industry is in a depressed condition in all parts of the Far East except in Hong Kong and Shanghai. The disturbed political condition in China prevents any extensive work, while in the Philippines fear that the Islands will be given independence by the United States has the same effect.

"In Hong Kong and Shanghai, however, there is a very large construction program in process. It is said this is financed by wealthy Chinese from the interior of China who are fearful that they will lose their wealth because of the present disturbed political conditions and are therefore putting it in Hong Kong and Shanghai where the

English insure stability of government.

"Of the nations of the world outside of the United States, Japan is one of the largest producers of Portland Cement. Not only Japan but China and the Philippines also prepared for what was supposed to be a very greatly increased demand for cement because of the reconstruction of the devastated areas in Japan. Failure of this program to materialize has resulted in a very depressed condition and a lower price for cement than has ever been known in the Orient. Japanese cement is of high quality as is also the Philippine product. Cement manufactured in China and Indo-China is not nearly so good.

"The present low price, as nearly as can be found out, is about equivalent to the prices netted by mills in the United States and I was told that many of the manufacturers were operating at a loss at these prices.

"I was very forcibly impressed by the fact that despite this low price for cement and the highest wages known in those countries yet a workman in one of the cement factories in the Orient who might wish to use a barrel of cement about his home—if he were fortunate enough to have one—would be obliged to work roughly three days in order to make sufficient money to purchase it while the average workman in the cement mills of the United States earns enough in one day to purchase three barrels of cement."

Apprenticeship Training Plan Gaining Momentum —Survey Reveals

(Special Correspondence to Daily Pacific Builder from National Ass'n of Building Trades Employers)

Shortage of skilled labor in the construction industry is the one problem that is being given the greatest amount of attention at this time, and it is generally understood that upon the proper solution depends the very future of the industry itself.

The building boom, which swept the country immediately following the termination of the world war, clearly demonstrated the fact that there was not enough man power in the United States to take care of necessary construction, a major part of which had been held up during the period of the European conflict.

The post war building activity simply hastened a condition that was gradually developing, following the break down in the old system of apprenticeship training. In former years before the construction industry had assumed its present magnitude, the training of apprentices was more of a personal matter and the contractors themselves usually worked with their men and in that way the beginners were taught the fundamental principles of the trades. With the advent of modern methods of building and the coming into existence of large construction companies, operating all over the country, all of this was changed and the training of future mechanics became a haphazard matter.

This fact is perhaps best illustrated by a study of the census figures for the decade between 1910 and 1920, which show that although the population of the United States increased by nearly 14 million, the actual number of mechanics in most of the major building trades decreased.

Following is a list of nine trades showing number of men engaged therein, in 1910 and 1920 according to the U. S. Census:

Brick and stone masons—1910, 169,402; 1920, 131,264; decrease 38,138; 23.6%
Carpenters—1910, 817,120; 1920, 887,379; increase, 70,259; 8.6%
Electricians—1910, 120,241; 1920, 212,969; increase, 92,723; 77.2%
Common labor—1910, 869,478; 1920, 623,203; decrease, 246,275; 28.4%
Painters—273,441; 1920, 248,497; decrease, 25,944; 9.5%
Paper hangers—1910, 35,577; 1920, 18,746; decrease, 16,831; 26.7%
Plasterers—1910, 47,682; 1920, 38,256; decrease, 9,427; 19.8%
Plumbers—1920, 148,304; 1920, 206,718 increase 58,414; 39.4%
Roofers and slaters—1910, 14,078; 1920, 11,378; decrease, 2,700; 19.2%.

As indicated above, one of the contributing factors to the shortage of man power was the inability of the employers themselves to devote their own time to the proper training of apprentices but this only explains in part the rapid falling off, of the number of men in the trades. Many contractors who might well have undertaken the training of apprentices refused to assume this responsibility, especially when the higher wage rates to beginners began to prevail.

The labor organizations themselves are responsible to a large degree for present conditions, since it has become increasingly difficult for boys

desiring to enter the trades to do so. The leaders reasoned that if a shortage of mechanics existed, higher wage rates for those already in the trades would prevail, hence the number of apprentices allowed has been decreased.

Prior to the enactment of the Per Centum Limit Act by Congress in 1920, a large number of both skilled and unskilled workers in the building trades entered the United States each year from Europe. However, when the Act became operative all this was changed and thousands of the most highly skilled European mechanics were denied admission to this country. Under this law for the fiscal year ending June 30, 1924, 27,000 building mechanics were admitted. The industry was beginning to adjust itself to the new order of things when the Johnson Immigration Bill was passed and signed by President Coolidge on May 26, 1924, which still further reduced the number of aliens admissible each year. It is estimated that under this law, less than 13,000 building mechanics will be admitted annually, and when it is found that at least 35,000 additional men are required in the nation's building industry each year, it becomes apparent at once that the only solution of the problem lies in the proper training of native born American boys.

Considerable progress has been made in the apprenticeship training movement during the past few years, but it the supply of mechanics is to equal the demand there yet remains much to be done. Many national associations in the industry such as the National Association of Building Trades Employers, the Associated General Contractors of America, The National Association of Master Plumbers, Mason Contractors Association of the United States and Canada and others have taken upon themselves the task of enlisting the cooperation of those who should be interested in the movement and as a result of the activities of these bodies some good progress has been made.

In a number of the larger cities, schools for the teaching of the building trades have been in operation long enough to prove to the most skeptical that it is feasible to teach the fundamental principles of the trades in the classroom. The most successful of these institutions however insist that the boys secure actual experience in building operations at the same time they are attending the trade school.

The movement has gained considerable momentum in New York, where the schools are under the supervision of the New York Building Congress. Bricklaying, carpentry, sheet metal work, painting and a number of the other trades are now being taught.

In Chicago the Citizens Committee to enforce the Landis Award has been successfully operating a trade school during the last few years and the director states that during the past year and a half, 600 boys have been graduated into the building trades.

In Cleveland the schools are conducted under the joint supervision of the employers' association and the various unions. Classes in Bricklaying, carpentry, plumbing and electrical work are now in operation. Under the Cleveland plan each apprentice spends

four hours a week in the classroom and the balance of the time in the employ of a contractor on actual building operations.

The training of apprentices in Boston is done under joint committees which work in conjunction with the board of education. The Boston Trade School classes offer courses in sheet metal work, electrical work, carpentry and painting. In addition to this school there is the Boston Continuation School, which takes care of boys who leave the public school under the age of 16.

In Detroit classes for the training of bricklayers and plasterers have been in operation for some little time and excellent results are being obtained. Both of these classes are under the supervision of the contractors employing the apprentices. The Associated Building Employers of Michigan has operated a bricklaying school in Grand Rapids for some time.

Minneapolis is particularly fortunate in that it is the home of the Dunwoody Institute where most of the building trades are being taught. In addition to this there is a school for bricklaying which has been conducted under the direction of the Building Trades Employers Association of Minnesota since 1921.

The Industrial Association of San Francisco instituted courses for the training of plasterers and plumbers in 1922, and during 1923 added classes in bricklaying, painting and tile setting.

The public school officials in Los Angeles have become interested in the work and courses in bricklaying, plastering, plumbing and painting are being successfully conducted.

The Chamber of Commerce of Dallas is responsible for a movement which has resulted in the establishment of the Dallas Vocational School, which has an initial endowment of \$500,000. Here all of the building trades will be taught as well as many others.

To list the other cities of the country would mean to enumerate practically every town of any importance in the United States. The above however will show that the apprenticeship training movement in the construction industry has made a good start and splendid results have already been accomplished. There is, however, considerable work yet to be done and extreme care must be exercised so that interest in the movement will not be allowed to lag if the industry should be faced with a slight depression in the near future and the shortage of mechanics consequently become less apparent.

LOS ANGELES BUILDING ORDINANCE AMENDMENTS ADOPTED

Several amendments to the Los Angeles city building ordinance adopted by city council have been approved by the mayor. Sec. 262, regulating venting of fixtures, is changed to cut out the old requirement that all vent pipes must be carried to the peak of the roof and shall extend not less than 15 ft. from the ground. Sec. 141 relating to standard fire doors and shutters has been changed so that hereafter they will be required only in fire district No. 1. Sec. 112½-A is amended to change the absorption test for concrete brick from 12 to 10 per cent, and sub-division E of Sec. 173 is amended to change the absorption test for concrete tile from 8 to 10 per cent.

PUBLICATIONS

Conduit Wiring. By Terrell Croft. Published by McGraw-Hill Book Co., New York, N. Y. This book of 458 pages is a comprehensive and detailed explanation of the conduit method of interior wiring. The steps and operations which must be followed in installing conduit wiring in accordance with modern practice are discussed and explained in a practical way. The usual procedures which are followed in installing jobs of all kinds are described. Conduit wiring in reinforced concrete structures is given special attention.

The Burnham Boiler Corporation, Irvington, New York, is distributing a booklet entitled "Letters To and Fro," which lines up the facts on house heating. It is well illustrated and explains in every day language the difference between hot water, steam, and vacuum systems; why hot water costs 20 per cent more to install, why it is necessary to have radiators a third larger, and why a steam system boiler is larger than that of a water system. The booklet will serve its purpose, namely, to help contractors and builders with their customers.

"Budgeting for the Contracting and Construction Company," is the title of Report No. 54 prepared by the Policyholders' Service Bureau, Group Insurance division of the Metropolitan Life Insurance Company, 1 Madison Ave., New York City.

Blaw-Knox Company, Pittsburgh, Pennsylvania, has published a 23-page booklet illustrating and describing batcherplants for the road and street contractor.

EAST BAY SEEKS UNIFORM BUILDING LAWS

With Oakland and the six other East Bay cities on the verge of perhaps the greatest era of building in their history, the need for harmonized building laws has become so acute that remedial steps are under consideration by the master builders of Alameda county.

This was the statement of Frank Barry, structural engineer and formerly engineer of the Oakland building inspector's office, who outlined the situation in detail before the master builders, declaring the need for uniform building laws is one of the paramount problems before the building trades.

"The trade is confronted," said Barry, "with seven sets of laws, in some respects radically different. The differences pertain less to dwelling houses than to other types, notably Class C buildings."

"While the question is too complicated to be settled to the entire satisfaction of all concerned," Barry explained, "it is possible to make the laws correspond to some extent." He suggested a meeting of representatives of East Bay cities, at which preliminary plans could be laid.

"City limits are so casually defined," said Barry, "that there are cases where contractors found they were not building in the city called for in the plans, and thus were in conflict with a different set of building laws."

Also there are cases where buildings have been erected on the boundary line of two cities, according to Barry. To cope with the situation, he said, amendments have been tacked onto city ordinances. But these seldom give entire satisfaction.

Stockton Auditorium Plumbing Contract Declared Void By Court

Sustaining the demurrer of the city of Stockton in the action, the appellate court has denied the application of the Stockton Plumbing Supply Company for a writ of mandamus to force Mayor Raymond J. Wheeler to sign a contract in favor of that company for plumbing and heating installation at the civic memorial auditorium.

The application of the Stockton Plumbing Supply Company for the writ was led after Mayor Wheeler had refused to sign the contract which had previously been awarded by the city council.

After the council had awarded the contract there was discovered in the new city charter a clause to the effect that no city official or city employee could be connected with a firm with which the city of Stockton enters into a contract. John Charlesworth, a member of the city council, is also a foreman for the Stockton Plumbing Supply Company.

Taking cognizance of Councilman Charlesworth's connection with both the city council and the plumbing company to whom the contract had been awarded, Mayor Wheeler refused to sign the contract.

The Stockton Plumbing Supply Company thereupon filed in the supreme court an application for a writ of mandate to force Mayor Wheeler to attach his signature to the contract. The action was based largely upon a mutual understanding by both parties in the action to test the workings of the clause in the city charter.

The supreme court later ordered the case tried in the appellate court.

In the arguments on the writ counsel for the Stockton Plumbing Supply Company contended that John Charlesworth, while formerly a stockholder in the plumbing company, had some time before disposed of his interests and was not then in any position to profit by the awarding of the contract.

City Attorney J. LeRoy Johnson, appearing for the writ, contended in his demurrer argument that the contract, if signed, would be illegal by reason of the provision in the city charter.

The decision of the appellate court in sustaining the demurrer and thus denying the application for the writ upholds the point of view of the city attorney and relieves the mayor of the necessity of signing the contract—thus leaving it without standing.

The decision is regarded in Stockton as not affecting the position of John Charlesworth as a member of the city council or an employee of the plumbing supply company, though Assistant City Attorney Clarence Grant stated he could not definitely interpret the decision until he had received a complete copy from the appellate court at Sacramento.

City officials state they have not yet formulated further plans regarding the plumbing and heating contracts, though it is believed that the entire procedure of advertising for bids and awarding the contract will be again transacted.

Concrete vs. Timber for The Construction of Dock Facilities

By Frank White, Chief Engineer Board of State Harbor Commissioner, San Francisco

One of the first problems to be solved in connection with a program of port development is as to the type of construction to be used in port structures. The problem which particularly concerns us relates to the design of marine structures, such as piers, wharves, ferry slips, bulkheads and other facilities which are located in or directly over the water.

The earliest waterfront structures were built of untreated timber, but this has proven uneconomical, owing to deterioration on account of decay and the destructive action of marine borers. One of the earliest methods used for the protection of wooden piling from the attack of marine borers was by covering with copper the portion of the timber from below the mud line to high water. When the work was properly done this method was fairly successful, but the difficulty in securing careful workmanship and the prevalence of injury to the covering caused the practical abandonment of this type of protection. Many paints with asphalt base have been advanced by their inventors as a protective covering, but they are generally recognized as being only temporary expedients. The most universally used and most dependable protection for timber piling consists of a pressure treatment of coal tar creosote, which, if used according to standard, results in a very satisfactory product; one of the greatest difficulties being in securing a uniform penetration

of the creosote. One of the chief objections to plank surfaces on timber decks is the serious fire hazard; this danger has been lessened by covering the decks with a bituminous wearing surface.

The use of mass concrete in marine structures has been in general use in Europe for at least 60 years and in the United States for 50 years. The use of reinforced concrete is a more recent development and has been used in the United States for nearly 20 years. Concrete structure for commercial ports in the protected harbors of the Pacific Coast has been giving satisfactory service, since there are no extremes in the elements. Plain concrete was used in the construction of the foundations of the Ferry Building, San Francisco, thirty years ago, and both wall and foundations are in excellent condition today. Between 1908 and 1922 concrete bulkhead walls were constructed along practically the entire commercial waterfront of San Francisco, and to this date no defects have developed and walls are in good condition. While there is danger of cracking in concrete docks, this danger has been minimized by painting above the water line with a heavy coat of hot asphalt.

Both timber and concrete construction have definite points of superiority and just as distinct disadvantages. In general, concrete construction is somewhat more expensive, but the length of life is greater and the cost of maintenance is less.

Building News Section

APARTMENTS

Bids Opened.
APT. HOUSE. Cost, \$250,000
SAN FRANCISCO, Nob Hill.
Nine-story class A community apartment house.

Owner—A. Manny and Associates.
Architect—Carl Werner, Santa Fe Bldg San Francisco.

Concrete an carpentry awarded to J. Martinelli, 180 Jessie St., S. F.
Plastering to Peter Bradley, 180 Jessie St., San Francisco.

Painting to D. Zelinsky & Sons, 165 Grove St., S. F.

Masonry to H. Larsen, 180 Jessie St., San Francisco.
Electrical work to Decker Electrical Const. Co., 149 New Montgomery St., San Francisco.

Heating and plumbing to C. Peterson Co., 350 6th St., S. F.
Lathing and furring to C. H. Edwards

Contract Awarded.
APT. BLDG. Cost, \$14,250
SAN FRANCISCO, N Carl 150-4 E Stanyan.

Two-story frame apartment building.
Owner—Mar. L. Murphy.
Contractor—E. L. Stoneson, 2329 Sacramento St., San Francisco.

Plans Complete.
APT. BLDG. Cost, \$20,000
SAN FRANCISCO, S 20th 55 E Dolores.
Three-story and basement frame apt. building.

Owner—Dr. J. E. Nast, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, \$15,000
SAN FRANCISCO, NE Grove & Cole Sts
Three-story frame and stucco brick veneer apartment bldg. (12 3 & 4-room apts).

Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$33,000
OAKLAND, 456 Lee St.
Three-story 27-room frame apartment building.

Owner—L. L. Roney, 1426 Franklin St. Oakland.
Contractor—H. C. Knight, 1426 Franklin St., Oakland.

Plans Being Figured.
APT. BLDG. Cost, \$25,000
SAN FRANCISCO, SW Broderick and Alice Sts.

2½-story frame and stucco and brick veneer apt. bldg. (5 apts. 4 rooms each).

Owner—Mr. and Mrs. Geo. M. Browne.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.

Plans Complete.
APT. BLDG. Cost, \$18,000
SAN FRANCISCO, S 14th 73-10 E Valencia.

Two-story and basement frame apartment building.

Owner—Dowling, Nutting & McCarthy 2612 Valencia St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.

Contract Awarded.
STORE & APT. Cost, \$17,000
OAKLAND, E 4th Ave. 50 N 20th St.

Two-story frame store and apartment building.

Owner—H. G. Kennedy, 860 55th St., Oakland.
Architect—C. N. Burrell, American Bk. Bldg., Oakland.

Contractor—J. J. Hauri, 822 56th St., Oakland.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., is preparing plans for a \$115,000 2-story 51-unit frame apt. bldg. to be erected by day work on Menlo Ave. by L. C. Adams, Erie Apts., 1217 W Santa Barbara Ave., for himself. Found., 92x167 ft., stucco exter., comp. fl., hardwood fls., tile baths and drains, art stone entrance, disapp. beds, gas rads., basement, laundry, circulating hot water.

LONG BEACH, L. A. Co., Cal.—Hennessey Bros. & Co., Inc., 300 Lane Mortgage Bldg., desires bids on all materials and for all branches of work for completion of a 12-story and part 14-story class A apt. bldg., on E Ocean Ave. and extending through to Seaside Blvd., Long Beach, for the El Bolivar Holding Co., Curlett & Beelman, 403 Union Bank Bldg., archts.

BONDS

SANTA BARBARA, Santa Barbara Co., Cal.—Montecito school district will probably call bond election soon to vote \$100,000 for a new fireproof school.

SAN DIEGO, San Diego Co., Cal.—November election ballot will carry measure calling for \$372,000 bond issue to finance additions and improvements as follows: General hospital, \$225,000; Vaulchain home, \$47,000; detention home \$50,000; Edgemoor farm, \$50,000.

GALT, Sacramento Co., Cal.—Trustees of Galt High School District plan to call another election to vote bonds to finance construction of high school, to replace structure destroyed by fire. Previous election for \$100,000 failed to carry. Construction of a temporary building, 22 by 198 ft., is now under way.

Material of Merit DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Doors, 11-co-doors, Cobald-doors, Wal-el-doors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

OAKLAND, Cal.—Election will be held Sept. 30 to vote bonds of \$8,600,000 to finance erection of new schools and additions to standing structures.

BERKELEY, Alameda Co., Cal.—Board of Education will call election shortly to vote bonds of \$2,800,000 to finance the following school improvements:

Grammar Schools
Columbus School—Assembly hall seating 600, administration unit, cafeteria, cooking rooms and clubroom, health unit, heating and plumbing, two lots on Eighth street, four class rooms. Cost, \$95,750.

Cragmont School—New building, assembly room, eight classrooms, domestic science, manual training, music library, kindergarten, teachers' rest, teachers' lunch, boys' and girls' play rooms, toilets, boiler room and store-room, additional land. Cost, \$199,330.
Emerson School—Assembly hall, dining 650, cafeteria and kitchen, heating and ventilating. Cost, \$57,800.

Franklin School—New unit of six class rooms, heating and plumbing, cafeteria and play rooms, assembly hall equipped. Cost, \$126,659.

Hawthorne School—Assembly hall. Cost, \$31,000.

Hillside School—Similar to Cragmont School. Cost, \$221,500.

Jefferson School—Move old building to rear and alter; new unit of ten class rooms, equipment. Cost, \$33,228.

John Muir School—Landscape grounds and fence. Cost, \$200.

Le Conte School—First unit of new building consisting of assembly hall, cafeteria, teachers' rest and lunch rooms, domestic science room, manual training room, land. Cost, \$103,260.

Lincoln School—Finish and equip assembly hall, two class rooms, cafeteria in play room, play room ceiling deadened, equipment for cafeteria, additional boiler and fan, improve grounds. Cost, \$38,890.

Longfellow School—New wing on west containing ten class rooms, improve grounds. Cost, \$66,900.

Oxford School—Assembly hall, fence land, manual training and kindergarten rooms. Cost, \$77,200.

Thousand Oaks School—Add second story of ten class rooms, equip same, improve grounds and fence. Cost, \$50,490.

Washington School—Land for new site, electric clock system, electric wiring for lights. Cost, \$23,700.

Whittier School—Additional land, assembly hall, kindergarten, primary rooms, two class rooms, cafeteria (to be beginning of new school structure). Cost, \$125,450.

Junior High Schools

Burbank School—Playground improvements to ground, additional wing of three class rooms and cafeteria. Cost, \$54,000. (\$20,000 of this charged to Grammar school budget).

Edison School—Cafeteria seating 300, including equipment, new wing of 12 class rooms for general science, commercial department and other classes; enlarge and equip auditorium, heating, library, double present locker space, using four class rooms, additional land. Cost, \$213,434. (\$5000 of this charged to Grammar school budget).

Garfield School—Complete auditorium with cafeteria, shop building and equipment for shops, grounds improved. Cost, \$472,000, but \$400,000 will be for transferring school from Grammar to High school district, leaving \$72,000 for actual improvements.

Willard—Additional land for new wing of nine class rooms, cafeteria and kitchens, teachers' rest room, library, bicycle room, play room and store room. Cost, \$115,085.

Northeast Junior High (new)—Build second story to present University Elementary school, gymnasium, playground north of Rose street equipment etc. Cost, \$118,500 (\$53,000 of this

designed by Chapman School Architects.
Southwest Junior High School site of
new building and modern building
land. Cost \$13,250.

Senior High School

High School—High building and
equipment. Home economics building
and equipment, service-commercial art
building, new physical science building,
purchase two lots in East property and
water for art and water for commercial.
Improve grounds, additional bleachers
and toilets, rearrangement of cafeteria
into classrooms and locker rooms, roof
garden enclosed and partitioned, lights
at front entrance, bleachers for swim-
ming pool, toilets for public on second
door. Cost, \$647,000.

CHURCHES

Plans Being Figured.
CHURCH. Cost, \$35,000
SOUTH SAN FRANCISCO San Mateo
County.

One-story frame and stucco church.
Owner—Methodist Church of South San
Francisco.
Architect—Wythe, Blaine & Olson, 1800
Telegraph Ave., Oakland.

MOUNTAIN VIEW, Santa Clara Co.,
Cal.—Arthur G. Lindley, Chas. R. Sel-
kirk, assoc. 800 American Bank Bldg.,
L. A., have completed plans and are
taking bids until Sept. 15 for a new
church bldg. at Temple near Mountain
View for the Mountain View Methodist
Community Church. Auditorium to seat
400 people; dimen. 40x56 ft., Sunday
school dept., 27x65 ft., basement, frame
constr., stucco ext., comp. rfc., gas
rads., aut. water htrs., O. P. fls. and
trim, art glass, social kitchen and ban-
quet room.

PASADENA, L. A. Co., Cal.—Clark
Bros. & Libby, 5117 Hollywood Blvd.,
L. A., have the gen. cont. at \$99,000 for
erecting the new church on S Lake Ave.
two blocks from Colorado St., Pasade-
na, for the United Presbyterian
Church. Other contracts were: Munger
& Munger, plumbing; E. O. Nay Co.,
heating; Chas. Ward, painting; R. H.
McCormick, wiring; Marston, Van Pelt
& Maybury, 25 S Euclid Ave., Pasadena
and 422 Union Oil Bldg., L. A., assoc.
archts. Found. 80x80 ft., basement to
have gym., storeroom, girls and boys
lockers, heating plant, kitchen, ban-
quet rm., men and women's toilets;
main floor will have 6 classrooms, 2 pa-
rsons, auditorium, office, choir room;
balcony contains pastor's study, 11
class rooms, towel rm., organ loft.
Reinf. conc. walls, Flexstone shingle
and comp. rf., leaded glass, stucco ex-
terior, copper roof ridges and gutters,
stone trim and window tracery, show-
ers.

LOS ANGELES, Cal.—Archts. S. Til-
den Norton and Fredk. H. Wallis, 716
S Spring St., have completed prelimi-
nary plans for a new synagogue, to be
erected at 4th St. and New Hampshire
Ave. for Sinai Congregation, Dr. Mayer
Winkler, rabbi; it will have an audi-
torium to seat about 1500 people, base-
ment with kindergarten and assembly
hall with classrooms. Masonry construc-
tion, 1-story, plaster ext., tile rfc.,
hardw., pine and cem. fls., gas hts.
sys., water htr., art glass, pine and
hardw. trim, etc.

LONG BEACH, L. A. Co., Cal.—L. W.
Hallard, Mary A. Lowther, and H. Rea
Simonson, Long Beach, are members of
a bldg. committee formed to select an
archt. and conduct the erection of a
\$250,000 church bldg. in Long Beach
for the Grace Methodist Church.

LONG BEACH, L. A. Co., Cal.—J. C.
Reer, 2229 E Ocean Blvd., Long Beach,
has the contract to erect the \$30,000
1-story church bldg. at 503 E 3rd St.,
Long Beach, for the Centenary M. E.
Church. Parker O. Wright and Francis
H. Gentry, 1133 Central Bldg., L. A.,
and 316 Marine Bank Bldg., Long Beach
archt. and engs. Found. 60x70 ft.,
brick walls, terra cotta trim, steel
trusses, comp. rf.

PALO ALTO, Santa Clara Co., Cal.—
Evangelical Lutheran Church plans
early construction of edifice at Homer
Ave. and Webster St. Building com-
mittee consists of: Gust Holmstrom,
Gust Johnson, Otto Nelson, Charles O.
Carlson, John Carlson and Albert
Troedson.

LOS ANGELES, Los Angeles Co., Cal.—
Architect Harry L. Pierce, 603
Wright-Caillander Bldg., has completed
reviewed plans and is taking bids for a
three-story and part basement, Class C
recreation and Sunday school building
at the corner of 2nd St. and Hobart
Blvd., for the Wilshire Methodist
church. Middle floor being taken from
contractors who previously figured.

FACTORIES & WAREHOUSES

Plans Complete.
FACTORY. Cost, \$43,000
SAN FRANCISCO: NE Keith and Don-
ner Ave.
One-story frame factory building.
Owner—Pacific Electric Mfg. Co., 827
Polson St., San Francisco.
Designer—Geo. H. Wienmeyer, 57 Post
St., San Francisco.

LOS ANGELES, Cal.—Pacific Coast
Steel Co., 1005 Bartlett Bldg., has pur-
chased a building site, approx. 300x400
ft. on Stanford Ave. near E 62nd St.,
and will start work at once on ware-
house, 80x200 ft. An additional unit
80x200 ft. will be built later.

OAKLAND, Cal.—Pacific Lock Joint
Pipe Co., of Seattle, manufacturing
concrete pipe and culverts, has pur-
chased a 5-acre site in East Oakland
and plans early construction of a new
plant. Plant will be located bet. G
St. and W. P. right of way at foot of
87th Ave.

EXETER, Tulare Co., Cal.—According
to announcement made by A. R.
Kerstetter, district manager for the
Coast Rock and Gravel Company, work
will start at once on the construction
of a new crushed rock plant at Venice
Hills, 7 miles north of Exeter on the
Southern Pacific. The cost of build-
ings, an equipment is estimated at
\$250,000.

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SEBASTOPOL, Sonoma Co., Cal.—Se-
bastopol Co-Operative Canning Co.,
capitalized at \$200,000, has been incor-
porated to finance construction and
equip of a packing plant in Sebastopol.
Henry Elphick, James Blunden, W. O.
Barnes and J. N. Cable of Sebastopol;
Newton Kinley, Santa Rosa; Fred
Hammell, Petaluma and W. Henderson
of Lake County, are directors of the
company.

MODESTO, Stanislaus Co., Cal.—
D. V. O. Co., headed by Norman De
Vaux, president of Star Motor Car Co.,
of Calif., Alexander Bonnington, chem-
ical engineer, and C. E. Gilman, min-
ing engineer, has purchased the plant
and equipment of the California Sor-
ghum and Syrup Co., in Modesto and
will install additional equipment for
the manufacture of sugar syrup, in-
secticides, fertilizers, peroxide and
lime and barium products. Operations
will be started about January 1. A
portion of the equipment now in the
plant will be used while additional
equipment will be purchased when the
"lay out" for the plant is completed.

OLYMPIA, Wash.—West Coast Pulp
and Paper Co., organized at Salem, Ore.
with the principal place of business at
Olympia, Wash., capitalized at \$1,250,-
000 plans early construction of wood
pulp and paper plant at Tumwater,
near Olympia.

SEATTLE, Wash.—E. J. Rounds &
Son, Walker Bldg., Seattle, at \$247,400
submit low bid to Board of Public
Works to erect one-story reinforced
concrete, 360 by 250 ft. warehouse for
City Lighting Department. J. L. Mc-
Cauley, architect, Seattle. Henrikson &
Alstrom Const. Co., next low at \$259,900.

VARIOUS CITIES—Guardian Ware-
house Co., 803 Sun Bldg., F. E. Lang-
stroth, secy., and gen. mgr., contem-
plate erecting a Class A storage ware-
house in Los Angeles, San Francisco,
San Diego, Long Beach, Pasadena and
Oakland. They will contain general
storage space, private locker rooms,
cold storage rooms, fur and silverware
vaults, etc. Other directors in the
company are: F. C. Sinclair, president
of the Pacific Southwest Warehouse
Co., 1600 E. 6th St., Louis Sutter, vice-
president Anglo-California Trust Co.,
San Francisco, Paul McMullen, vice-
president Pacific Southwest Trust &
Savings Bank. The company has option
on sites in all of the cities.

FLATS

Contract Awarded.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, E Guerrero 66½ N
21st Street.
Two-story and basement frame flat
building (4 flats).
Owner—Mrs. M. Bartland, 21st and
Guerrero Sts., San Francisco.
Contractor—John J. Binet, 336 Church
St., San Francisco.

A. E. Leitch

J. G. Leitch

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Contract Awarded.
FLAT BLDG. Cost, \$11,447
SAN FRANCISCO. W Aruella Blvd.
 175 N Balboa
 Two-story frame flat building.
 Owner—Abc Joseph, 743 Arguello Blvd.
 San Francisco.
 Contractor—Wallace C. Boswall, 2764
 McAllister St., San Francisco.

Contract Awarded.
FLATS Cost, \$10,000
SAN FRANCISCO. S Francisco 150 W
 Franklin.
 Two-story and basement frame flat
 building (2 flats).
 Owner—E. L. Strauss, 409 Pine St.,
 San Francisco.
 Architect—C. O. Clausen, Hearst Bldg.,
 San Francisco.
 Contractor—A. D. Diaston, Hearst Bldg.
 San Francisco.

GARAGES

Contract Awarded on Percentage Basis
GARAGE BLDG. Cost, \$65,000
OAKLAND. NE Cor. 19th Ave. and East
 12th St.
 Two-story reinforced concrete garage
 building.
 Owner—J. H. Freese.
 Contractor—R. W. Littlefield, 357
 12th St., Oakland.

Completing Plans. Cost, \$12,000
ADDITION
SAN JOSE. Post St.
 One-story reinforced concrete addition
 to garage.
 Owner—Grenninger Motor Sales Co. 270
 W Sta Clara St., San Jose.
 Architect—Herman Krause, Bank of
 San Jose, San Jose.

SEATTLE. Wash.—Archts. Harlan
 Thomas and Clyde Grainger, Arcade
 Bldg., Seattle, preparing plans for 3-
 story and basement fireproof store
 and garage building to be erected at
 1st Ave. and Union St. for the Inter-
 Avenue Bldg. Co., 111 by 160 ft; est.
 cost \$125,000.

SACRAMENTO. Cal.—County super-
 visors, Harry W. Hall, clerk, will pur-
 chase site 30 by 80 ft. on which will be
 erected a county garage building.

LOS ANGELES. Cal.—C. C. Ruppen-
 thal, 2075 W Washington St., is pre-
 paring plans for a brick store and gar-
 age bldg. to be erected at n.e. corner
 Santa Barbara and Hoover St. for A.
 L. Wilson and W. G. Young; it will
 contain garage and 3 stores. Dimen-
 sions 94x120 ft., brick walls, comp. rfg.,
 1-story, press. brick and terra cotta
 facing, cement fls., plate glass, metal
 skylights, steel sash, pine trim, roof
 trusses.

GOVERNMENT WORK AND SUPPLIES

To be Done by Day's Work—Completing Plans. Cost, \$1000
SAN FRANCISCO. Presidio, Crissy field.
 Remodeling basement of reinforced
 concrete headquarters building for
 photograph gallery.
 Owner—U. S. Government.

SAN FRANCISCO.—Until Sept. 13, 11
 a. m., bids will be rec. by Constructing
 Quartermaster, Fort Mason, to level
 and top surface Crissy Field. See call
 for bids under official proposal section
 in this issue.

Plans Being Figured—Bids Close Oct. 7,
 1914, 11 A. M.
LAO BLDG. Cost, \$—
PALO ALTO. Santa Clara Co., Cal. U.
 S. Veterans' Hospital No. 24.
 Hollow tile and reinforced concrete
 laundry building with stucco ex-
 terior.
 Owner—U. S. Veterans' Bureau, Room
 791 Arlington Bldg., Washington,
 D. C.
 Architect—owner.
 See call for bids under Official Pro-
 posals, this issue.

SAN FRANCISCO.—Until Sept. 22, 12
 M. bids will be received by Wm. Arthur
 Newman, supervising supt. 402 Post-
 office Bldg., 7th and Mission Sts., for
 miscellaneous repairs to U. S. Post-
 office Building. See call for bids under
 official proposal section in this issue.

SAN FRANCISCO.—Until Sept. 22, 12
 M. bids will be received by Wm. Arthur
 Newman, Supervising Supt. U. S. Post-
 office Bldg., 7th and Mission Sts., for
 exterior painting at U. S. Postoffice
 Building. See call for bids under official
 proposal section in this issue.

WASHINGTON. D. C.—Until Sept. 16
 bids will be rec. by Bureau of Supplies
 & Accounts, Navy Department, Wash-
 ington, D. C., to furnish electric wire and
 cable for Eastern and Western
 Navy Yards and Stations, under Sched-
 ule 2622.

WASHINGTON. D. C.—Bids are be-
 ing received by Bureau of Supplies and
 Accounts, Navy Department, to furnish
 materials to Navy Yards and Stations,
 as follows; date for opening bids as
 noted at close of each paragraph.
 Sched. 2599, various yard, am-
 meters, bells, carbon, fuses, sleeve-
 sockets, etc., Sept. 16.

Schedule 2615, for Mare Island, 1
 motor-driven hand planer and jointer,
 1 set extra cutter hand knives and 2
 sets carbon brushes, 1 motor-driven
 bench-type saw bench, 1 extra saw
 and 2 sets carbon brushes, 1 motor-
 driven band saw, 1 set extra band saws
 and 2 sets carbon brushes, and 1 bench-
 type motor-driven double emery grind-
 er, Sept. 23.

Schedule 2619, for Mare Island, 2
 superheaters, Sept. 23.
 Sched. 2623, eastern and western
 yards, cable and wire, Sept. 16.

Schedule 2628, for Mare Island, 350
 seamless boiler tubes, Sept. 23.

LIVERMORE. Alameda Co., Cal.—
 Separate bids will be received until
 October 21, 1924, 11 A. M., by the U. S.
 Veterans' Bureau, 791 Arlington Bldg.,
 Washington, D. C., for fire alarm sys-
 tem, automatic telephone system and
 wiring and cables for the U. S. Veter-
 ans' Hospital No. 102, Livermore,
 Cal. See call for bids under "Official
 Proposals," this issue.

MARE ISLAND. Cal.—Bureau of
 Yards and Docks, Navy Department,
 Washington, D. C., preparing Specifi-
 cation No. 5011 for installation of ele-
 vators at Mare Island Navy Yard.
 Plans obtainable from Bureau on de-
 posit of \$10. Bids will be asked in im-
 mediate future for this work.

SAN FRANCISCO.—Until Sept. 23, 12
 M. bids will be received by Wm. Arthur
 Newman, Supervising Supt., 402 Post-
 office Bldg., to repair floors, stairs,
 sidewalks, etc., at U. S. Customhouse,
 San Francisco. See call for bids under
 official proposal section in this issue.

WASHINGTON. D. C.—Until Sept. 24,
 10:30 a. m., bids will be rec. by Pur-
 chasing Officer, Panama Canal, to fur-
 under Circular No. 1623, delivered at Bal-
 boa (Panama). Specifications: panel
 boards, watt-hour meters, bolts, rivets,
 spikes, washers, nails, tacks, liquid
 door checks, door springs, padlocks,
 hinges, poultry netting, brushes, steel
 tapes, pushcarts, magnesia pipe cover-
 ings, conduit, conduit elbow, electrical
 fixtures and attachments, spark plugs,
 magnet wire, insulated wire, asphalt
 roofing, fire brick, habbitt, fire clay,
 canvas, asbestos gloves, air-brake
 hose, binder boards, crayons, lumber,
 etc. Further information obtainable
 from Assistant Purchasing Agent,
 Fort Mason, San Francisco.

PEARL HARBOR. T. H.—Pitts-
 burgh-Des Moines Steel Co., Richmond,
 Va., at \$51,152, time to complete 210
 days, awarded cont. by Bureau of
 Yards and Docks, Navy Department, to
 erect elevated water tank at Pearl
 Harbor, T. H. under Specification No.
 4992.

MARE ISLAND. Cal.—Until Oct. 1,
 bids will be received by Bureau of
 Yards and Docks, Navy Department,
 Washington, D. C., under Specification
 No. 4979 to construct psychiatric ward
 at Mare Island Navy Yard. Deposit of
 \$10 required for plans, obtainable
 from Bureau.

SAN FRANCISCO.—Farrar and Car-
 lin, 185 Stevenson St., at \$13,120 award-
 ed contract by Bureau of Yards and
 Docks, Navy Department, Washington,
 D. C., for additional grading in con-
 nection with Marine Corps Supply
 Warehouse in Harrison Street. Work
 under Specification No. 5012.

SAN FRANCISCO.—Constructing
 Quartermaster, Fort Mason, preparing
 specifications to lay 6-in. water mains
 remove present water mains in certain
 portions of Presidio.

SAN FRANCISCO.—Constructing Quar-
 termaster, Fort Mason, preparing spec.
 for 570-ft. spur track with switches,
 etc., at Transport Docks, Presidio. 60-
 lb. rails will be used.

HALLS AND SOCIETY BUILDINGS

BALLARD. Wash.—Arch. Frederick
 J. Peters, Seaboard Bldg., Seattle, tak-
 ing bids to erect two-story 200x100 ft.
 class A theatre, store and lodge bldg.
 for Ballard Aerie, Fraternal Order of
 Eagles; est. cost \$400,000. Theatre will
 have seating capacity of 1000 and will
 be 70 by 100 ft.

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 tractors, and owners everywhere
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 to achieve the best result and
 give full value for every dollar
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 374 GUERRERO STREET • MARKET 1700
SAN FRANCISCO
 LOS ANGELES

CLUB HOUSE ETC. Cost, \$25,000
PARADISE PARK, Santa Cruz Co., Cal.
 Club house, cabins, golf-tennis court.
 Owner—Paradise Park Masonic Club,
 Fresno

The project calls for the acquisition
 of a tract of 120 acres, heavily wooded
 on the San Lorenzo river.

Plans to be Figured This Week.
LODGE & OFFICES Cost, \$170,000
SAN JOSE, Santa Clara Co., Cal. North
 First Street.

Six-story and basement reinforced concrete
 building, lodge and office building.
 Owner—Knights of Columbus, San Jose
 Architect—Leo J. Devlin, Pacific Bldg.,
 San Francisco.

Plans Being Figured.
MEMORIAL HALL Approx. \$17,000
DANVILLE, Contra Costa Co., Cal.
 One-story frame and stucco memorial
 hall (American Legion).
 Owner—Contra Costa County.
 Architect—James T. Narbett, 910
 Macdonald Ave., Richmond.

MEXICO—Chas. Nielson, 241 E Bdw
 Long Beach, has the contract to erect
 a group of club bldgs. on the island of
 Palmito Del Verde, six miles off the
 coast of Mexico, below the south end
 of Lower California, for the Tencapan
 Tropical Club. D. W. Callaghan, owner
 and manager, 614 Pac. S. W. Bldg.,
 Long Beach. H. L. Gogerty, 413 Marine
 Bank Bldg., Long Beach, archt. Brick
 constr., stucco exterior, tile rfs., cemo.
 fir. Main bldg. unit 75x100 ft. Will have
 clubrms., kitchen and service depts.,
 wings, water tower, garages and store-
 rooms. Hotel unit will have two wings
 each 300x30 ft. The two service wings
 will be 20x140 ft. each.

SALEM, Ore.—Archts. Knighton and
 Howell, U. S. Bank Bldg., Portland,
 taking bids to erect two-story and
 basement 100x107 ft. lodge building
 for B. F. O. E., Salem Lodge. Will
 have tile roof and brick exterior. Seg-
 regated bids are wanted for general
 contract, heating, plumbing and elec-
 tric work. Est. cost \$180,000.

LOS ANGELES, Cal.—Edwards, Wil-
 dey & Dixon Co., 515 Black Bldg., was
 awarded the gen. contr. at \$1,200,000
 for erecting the new Shrine auditorium
 bldg. and banquet hall bldg. at Jef-
 ferson and Royal Sts.; John C. Austin,
 1125 Detwiler Bldg., and A. M. Edel-
 man, H. W. Hellman Bldg., assoc. archt-
 ects.; G. Albert Lansburgh, consulting
 archt. Sub-contracts will be awarded
 next week. The bldgs. will be reinf.
 conc. constr. with steel roof trusses
 and balcony constr. for the auditorium.
 The total cost will be about \$1,550,000.

PORTLAND, Ore.—Archs. Camp and
 Du Puy, 426 E-Alder St., preparing
 plans for two or three story and base-
 ment lodge building to be erected for
 Woodmen of the World, Multnomah
 Camp No. 77. Will be of reinforced
 concrete construction, 80 by 140-ft.
 Site is located at East 6th and Alder
 Sts.

WILMINGTON, L. A. Co., Cal.—Wil-
 mington Lodge No. 198, F. & A. M., has
 had plans prepared for a class A Ma-
 sonic temple bldg., to be erected on
 Canal St., bet. I and J Sts., Wilming-
 ton; it will contain 3 stores on first
 floor and the second and third floors
 will have clubrooms including social
 hall, kitchen, restrooms, etc. Brick
 walls, 75x50 ft., press. brick facing,
 comp. rfg., plate glass, cem. and hard-
 wood fls., gas htg. sys., storage water
 htg., pine trim, metal lath; \$68,000.

HOSPITALS

PASADENA, L. A. Co., Cal.—Archt.
 Robert H. Orr, 1305 Corporation Bldg.,
 is completing plans for a dormitory
 bldg., to be erected on Santa Anita Ave.
 opp. Ville Dr., Pasadena, for the Massie
 Home for Aged, National Benevolent
 Assn.; it will have accommodations for
 about 75 people including sleeping
 rooms, kitchen, dining room, library,
 reading room, etc. Frame and plaster
 constr., 2-story and basement, tile rfg.,
 gas htg. sys., hardwd. fls., tiled baths,
 storage water htr., pine trim, \$125,000.

AUBURN, Placer Co., Cal.—Nov. 4 is
 date set by supervisors to vote bonds
 of \$160,000 to finance erection of new
 county hospital. Election held last year
 for this purpose was defeated. Prelim-
 inary plans for the structure have been
 prepared by Architect W. H. Weeks,
 369 Pine St., San Francisco.

VISALIA, Tulare Co., Cal.—County
 supervisors appoint committee to in-
 vestigate proposed rehabilitation of
 county hospital buildings. C. M. White
 county physician, is a member of the
 committee.

SAN PEDRO, Los Angeles Co., Cal.—
 Archt. Marshall R. Lawson, 540 Pacific
 Ave., San Pedro, has been commis-
 sioned to prepare plans for a hospital
 bldg. to be erected at cor. 6th and Pat-
 ton Sts., San Pedro, for the San Pedro
 General Hospital Assn. It is contem-
 plated to erect a 3-story class C bldg.
 or class A bldg. to contain about 20
 private rooms, several wards, operating
 rooms, etc. at present at a cost of
 about \$53,000.

FRESNO, Fresno Co., Cal.—Archs.
 Glass and Butner, Cory Bldg., Fresno,
 commissioned by county supervisors to
 prepare plans for proposed two story
 clinic building to be erected at county
 hospital grounds; est. cost \$40,000. The
 second story of the structure will be
 left unfurnished until additional
 funds are available.

LOS ANGELES, Cal.—Benj. F. Farley,
 219 N. Olive St., Burbank, subm. low
 bid to county supervisors at (a) \$33,200,
 materials for concrete furnished by
 county, and (b) \$93,989, same material
 furnished by contractor, for 6 hospital
 ward buildings at Olive View Sanitar-
 ium; 30x120 ft. ea.; 1-story, frame con-
 struction, concrete foundation, maple
 floors, shingle and composition roof, 26
 beds. Other bids: F. J. Solt, (a) \$103,-
 200 and (b) \$111,000; McFadden &
 Winkelman, (a) \$106,000 and (b) \$113,-
 000; Walter Slater Co., (a) \$114,000; (b)
 \$126,000; T. E. Young, (a) \$114,512, (b)
 \$118,418; Roy L. Kent Co., (a) \$116,000,
 (b) \$121,500; L. A. Gerster (a) \$123,488,
 (b) \$132,994.

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MARE ISLAND, Cal.—Until Oct. 1, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under specification No. 4979 to construct psychiatric ward at Mare Island Navy Yard. Deposit of \$10, required for plans, obtainable from Bureau.

SACRAMENTO, Cal.—The following bids were awarded by Harry W. Hall, county clerk, to erect power house and laundry building in connection with the county hospital building at Sacramento, Cal. Plans by Architect E. A. Herold, Forum Bldg., Sacramento: General contract awarded to Fred H. Betz, 1831 "Q" St., Sacramento at \$70,624.

Installing electrical fixtures to Scott Plumbing & Elec. Co., 421 J St., Sacramento, at \$1435.50.
 Linenroom to C. W. Frazier Co., 2731 E St., Sacramento, at \$5363.
 Shades to Wm. A. Rapp Co., 1401 Front St., Sacramento, at \$635.

HOTELS

Contract to be Awarded. Cost, \$11,000
 ADDITION
 SALINAS, Monterey Co., Cal. Market Street
 Additional story to one-story brick hotel building.
 Owner—D. Francis.
 Architect—W. McKoff & White, Growers Bank Bldg., San Jose.
 Contractor—H. R. Sherman, 41 W-San Antonio St., San Jose.

Plans Being Prepared. Cost, \$40,000
 ADDITION
 PASO ROBLES, San Luis Obispo Co.
 Addition to brick hotel bldg.
 Owner—Hotel Taylor (A. I. Smith).
 Architect—Miller & Warneke, 414 13th, Oakland.

LOS ANGELES, Cal.—Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., have completed plans and are taking bids for a class A hospital addition and a class C nurses' home bldg. to be erected at the Methodist Hospital on Grand Ave., bet. 28th and 30th Sts. The main bldg. will be 5-story and basement, 37x153 ft. with accommodations for 125 beds, reinforced conc. frame and fls., brick filler walls, plaster exter., hollow tile partitions, comp. rfg., 2 elevators, steam htg. sys., shower and tub baths, tile work. The nurses' home will accommodate 177 nurses; 4-story and basement, 80x136 ft., brick construction press, brick facing, comp. rfg., struc. steel, pine trim, tiled baths, elevators, steam htg. sys.; \$500,000.

PISMO BEACH, San Luis Obispo Co., Cal.—Mr. and Mrs. M. Olsen of Bakersfield will start early construction of a 40-room hotel and store building, 3 stories in height.

SANTA ANA, Orange Co., Cal.—Samuel R. Wyvill and Louis L. Bryan have prepared plans for a 3-story brick hotel at s.w. cor. 4th and French Sts. for Frank Musseman. It will contain stores and 24 hotel rms., 25x120 ft.; \$40,000. Work will be started this fall.

LOS ANGELES, Cal.—Archts. Kenneth Macdonald, Jr. & Co., Brack-Shops Bldg., are preparing plans for a 12-story and basement class A hotel bldg. to be erected at s.e. cor. of 6th and Wimer Sts. for Fred A. Elliott, Jonathan City. It will contain 250 rooms, each with private bath, reinf. conc. constr., 15x115 ft., press. brick and terra cotta facing, marble and tile work, hardwood trim, steam htg.; elevators; \$1,000,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 758 S Spring St., are preparing plans for a store, market and hotel bldg. to be erected at s.w. corner Cahmenga Ave. and Yucca St., for W. French; there will be stores and Market on first floor with hotel rooms above. Dimen., 92x182 ft., brick walls, comp. rfg., stucco and cast stone facing, struc. steel, com. pine and hardwood fls., tiled baths, plate glass, gas rads., storage water htr., pine trim, 2-story.

Preliminary Plans Being Prepared.
 HOTEL Cost, \$100,000
 EUREKA, Humboldt Co., Cal., Second and F Streets.
 Three-story frame and stucco hotel (90 rooms and 60 baths).
 Owner—Company being organized to construct.
 Architect—Newton Ackerman (Jacobs, Crozier and Ackerman), Eureka, California.

POWER PLANTS

SANTA BARBARA, Cal.—Election will be called shortly to vote bonds of \$135,000 to finance construction of municipal power plant.

PHOENIX, Ariz.—A syndicate headed by Anglo-London-Paris Co., of San Francisco, has purchased all Salt River Valley Water Users Assn. bond issues, aggregating \$4,743,000, for development of Horse Mesa power project.

PUBLIC BUILDINGS

Plans Approved—Working Drawings To Be Prepared. Cost, \$8000
 FIRE HOUSE
 BERKELEY, Spruce and Arch Sts.
 One-story frame and stucco firehouse.
 Owner—City of Berkeley.
 Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.

Preliminary Plans Approved—Working Drawings To Be Prepared. Cost, \$5000
 FIREHOUSE
 BERKELEY, Hillside School Site.
 One-story frame and stucco firehouse.
 Owner—City of Berkeley.
 Architect—W. H. Ratcliff Jr., Merc. Bank Bldg., Berkeley.

REDLANDS, San Bernardino Co., Cal.—Community Sing, Mrs. G. E. Mullen, executive chairman, contemplates erecting a community house.

Plans Complete—Bids To Be Called For Next Week.
 COMMUNITY HOUSE Cost, \$18,000
 PIEDMONT, Alameda Co., Piedmont Park.
 One-story frame community house.
 Owner—City of Piedmont.
 Architect—Meyer & Johnson, 742 Market St., San Francisco.

Plans were originally prepared for addition and alterations to present building, but this idea has been abandoned and new plans call for an entirely new structure.

Bids To Be Asked About Sept. 15.
 REMODEL Cost, \$25,000
 OAKLAND, Cal.
 General remodeling of county treasurer's office including installation of vault equipment.
 Owner—County of Alameda, Geo. Cross county clerk.
 Architect—Henry Meyers, Kohl Bldg., San Francisco.

BERKELEY, Alameda Co., Cal.—City Manager John N. Eddy preparing estimates of cost for constructing annex to city hall to provide additional quarters for police, health and fire departments. It is estimated the annex will cost in the neighborhood of \$48,000.

LOS ANGELES, Cal.—Jamestown Metal Prod. Co., 1026 S Olive St., Subm low bid to co. super, Sept. 2, at \$136,033 for furnishing and erecting metal doors and frames, etc., for new Hall of Justice. Other bids: G. R. Brandin, \$187,390; Roisman, \$194,389; Forderer Cornice Works, \$235,000.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 23, 11 a. m., bids will be received by Eugene D. Graham, county clerk, to paint and finish exterior and interior trim, including plastered walls and ceilings of county detention home. Ralph C. Morrell, architect. Stockton. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from county clerk on deposit of \$10, returnable.

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SACRAMENTO, Cal.—City Manager H. C. Bottorff announces plans are being completed and bids will be asked in about one month to erect \$750,000 civic auditorium. Jas. S. Dean (Dean & Dean), architect, City Library Bldg., Sacramento.

LAS ANGELES, Cal.—James P. Walsh, 1739 W. 59th St., L. A., submits bids and to county supervisors at \$152,200 (using hardwall plaster) for ornamental and plain plaster and metal lath for new Hall of Justice, N. Broadway and Temple St. Bids were: James P. Walsh, \$152,200 hardwall, \$164,200 lime and cement; MacGruer & Simpson, \$153,166; Peter Bradley, \$162,900 hardwall, \$159,000 lime and cement; Clinton Constr. Co., \$169,000 either type; E. V. Fullgren, \$184,500 either type; Gust Johnson, \$185,927 lime and cement, and \$187,637 hardwall; Burt E. Dequine, \$184,745 hardwall, \$191,459 lime and cement; J. F. Bolster & Co., \$198,700 hardwall, \$208,150 lime and cement.

RESIDENCES

Construction Under Way.
RESIDENCE Cost, \$10,000
NAPA, Napa Co., Cal.
Two-story stucco and frame 9-room residence.
Owner—James G. Noyes.
Architect—Warren G. Perry, 260 Calif.

Contract Awarded.
RESIDENCE Cost, \$13,200
SACRAMENTO, Montgomery Way.
Two-story frame and stucco residence with tile roof.
Owner—F. F. Grau.
Architect—Dean & Dean, City Library Sacramento.
Contractor—Wm. Whitsell, 2900 C St., Sacramento.

Plans To Be Figured This Week.
RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame residence, garage, fountains, landscaping, etc.
Owner—A. P. Parker.
Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.

Plans Complete.
RESIDENCE Cost, \$10,000
LOS GATOS, Santa Clara Co., Cal.
Two-sto. frame country residence (8 rooms).
Owner—Mr. Weidman.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

SANTA ANA, Orange Co., Cal.—Leo Borchard, 802 S. Broadway, will build a two-story 9-room frame and plaster dwelling at 1617 E. 4th St. for himself. Tile roof. Cost, \$30,000.

Plans Being Completed.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Santa Ynez & Otsego Avenue.
Two-story frame and stucco residence with terra cotta tile roof (8 rooms).
Owner—Joseph Delucchi.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Vallejo near Baker Street.
Two-story frame and stucco residence.
Owner—H. Thompson.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Plans Being Completed.
RESIDENCE Cost, \$15,000
SAN FRANCISCO, Clay St. near Maple.
Two-story and basement frame and stucco residence and garage (tile roof).
Owner—Mrs. E. Cummings.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

SAN FRANCISCO—Mr. Geo. H. Dyer of Dyer Bros. Steel Company lately purchased four Marine View lots in Forest Hill and contemplates the erection of a residence to cost in the neighborhood of \$50,000.

LAMANDA PARK, L. A. Co., Cal.—Arch. Carleton M. Winslow, 321 Van Nuys Bldg., is completing plans for a 20-room Italian residence to be erected at Lamanda Park, for Mrs. A. P. Gove. Frame and plas. constr., 2-story and basement, tile rfg., gas unit hgtg. sys., storage water htr., 6 colored tiled baths, hardwd. trim and fls., marble hall, stone and marble mantels, refrigerating sys., ornam. iron work, wauit doors, metal lath, large garage; \$80,000. A. C. Brandt, 104 S. Rose St., Pasadena, has the gen. contr. on a percentage basis.

BEVERLY HILLS, L. A. Co., Cal.—Arch. A. L. Rogelmair, 358 New High St., has completed plans for a 10-room residence at 612 Foothill Blvd., Beverly Hills, for Mrs. F. K. Rosenberg. Two-story, 55x60 ft., frame constr., plaster exter., cast stone trim, tile and comp. rfg., 2 tile baths, gas unit hgtg., hardwd. and tile fls., pine trim, ornam. iron, plate glass. Owner will take bids on general contract soon.

Plans Being Prepared.
RESIDENCE Cost, \$12,000
PIEDMONT, Alameda Co., Cal. Lakeview Ave. and Sheridan St.
Two-story frame and stucco residence (8 rooms).
Owner—Fred Muller, Syndicate Bldg., Oakland.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—Fred Muller, Syndicate Bldg., Oakland.

Plans Being Completed.
BUNGALOWS Cost, \$25,000
ALAMEDA, Alameda Co., Cal. Park Avenue.
Eight one-story frame and stucco bungalows (bungalow court).
Owner—L. Kaliski, 1301 Regent St., Alameda.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—L. Kaliski, 1301 Regent St., Alameda.

Contract Awarded.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, Vallejo Street W of Broderick.
Two-story and basement frame and stucco 7-room residence, Spanish architecture.
Owner—Emil Lapachet.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. Parker, 251 Kearny St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Green near Taylor.
Two-story frame and stucco residence.
Owner—Mr. Coy Filmer.
Architect—Carl Werner, 605 Market St., San Francisco.

LOS ANGELES, Cal.—Arch. Frank M. Tyler, rm. 12, 634 S. Western Ave., has completed plans for a 2-story, 12-room, frame Spanish dwelling to be erected by day work by Contractor Caldwell, near the Encino Country Club, for W. H. Hay. Stucco exter., tile rfg., hardwd. oak trim in main rms., wt. iron and balconies, elec. rads., garage with servants' rms., 4 tile baths.

Contracts Awarded.
RESIDENCE Cost, \$11,000
FRESNO, Fresno Co., Cal., Linden and Home Aves.
Two-story and basement (Spanish type) frame and stucco residence.
Owner—Oleve Stout, 360 Blackstone Fresno.
Architect—Swartz and Ryland, Rowell Bldg., Fresno.
Contractor—C. E. Millhollen 1249 Calaveras, Fresno.

BRENTWOOD, Contra Costa Co., Cal.—Architect McNeal Swasey, 405 Hibernian Bldg., Los Angeles, has completed plans for an English residence at Brentwood for E. E. Smith. Brick vincer, plaster and half-timber construction. Cost, \$20,000. Selected bids to be taken soon.

Contract Awarded.
RESIDENCE Cost, \$12,900
BERKELEY, Calif., Lots 29 and 30, Blk. 3, Berkeley Heights.
Two-story 10-room frame residence and double garage.
Owner—Marietta C. Mastick, 2611 Derby St., Berkeley.
Architect—F. Sprow, 2246 Fulton St., Berkeley.
Contractor—Berkeley Building Co., 2029 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$13,800
SAN FRANCISCO, W Broderick 65 S Green.
One-story and basement frame and stucco residence.
Owner—Otto Wankowski, 25 Kearny St., San Francisco.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco.

Plans Complete.
RESIDENCE Cost, \$20,000
PIEDMONT, Alameda Co., Cal., 469 Mountain Ave.
Two-story frame and stucco residence and garage.
Owner—Misses A. M. & L. E. Johnson, 937 Bay View, Oakland.

SCHOOLS

VALLEJO, Solano Co., Cal.—Vallejo High School District authorize preparation of plans for \$20,000 gymnasium building to be erected at high school grounds. Elmer L. Cave is city supt. of schools.



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Plans Being Revised.
SCHOOL
 CONCORD, Contra Costa Co., Cal.
 One-story frame grammar school auditorium building.
 Owner—Concord Grammar School District.

Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Plans are being revised and some deductions being made. It has not been definitely decided whether new bids will be called for or if the contract will be awarded low bidder.

Plans Being Figured—Bids To Be Opened Sept. 27 at 7 P. M.

GYMNASIUM
 LEMOORE, Kings Co., Cal.
 Reinforced concrete gymnasium and shop building.

Owner—Lemoore Union High School District.

Architect—W. H. Weeks, 369 Pine St., San Francisco, and Tribune Tower, Oakland.

Preliminary Plans Being Prepared.
INFIRMARY
 COSTA, Santa Clara Co., Cal.

Owner—Santa Clara University.

Two-story fireproof infirmary building (type of construction not decided).

Owner—Santa Clara University.
 Architect—John J. Donovan, Tapscott Bldg., Oakland.

SAN JOSE, Santa Clara Co., Cal.—The following bids were opened Sept. 4 at 8 o'clock p. m. by the Secretary of the Board of Education of the city of San Jose for the construction of a reinforced concrete high school building in Grant Street, San Jose, according to plans and specifications by Architects W. H. Weeks, 369 Pine St., San Francisco and Binder & Curtis, 35 W. San Carlos, San Jose.

All bids are being held under advisement until the next meeting of the Board, Tuesday, Sept. 9, 1924.

General Contract

Larsen & Siegrist, Claus Spreckels Bldg., S. F., Prop. (1) main bldg. \$356,946; (2) shop bldg. \$37,000; (3) cafeteria bldg. \$32,900; (4) showers \$48,400; (5) music room \$28,855; (6) swimming pool \$17,174.

James L. McLaughlin, 251 Kearny St., S. F., (1) \$362,500; (2) \$34,000; (3) \$27,500; (4) \$49,500; (5) \$23,000; (6) \$5,000.

J. F. Shepherd, 2341 N. Madison St., Stockton, (1) \$363,819; (2) \$35,798; (3) \$34,792; (4) \$45,084; (5) \$25,548; (6) \$11,324.

West Coast Construction Co., 519 Clark St., S. F., (1) \$355,580; (2) \$33,715; (3) \$27,865; (4) \$41,463; (5) \$22,605 (6) \$7,581.

Sample & Cody, Call Bldg., S. F., (1) \$359,000; (2) \$34,900; (3) \$30,000; (4) \$42,000; (5) \$22,000; (6) \$8,000.

Robert Trost, 26th and Howard Sts., S. F., (1) \$336,634; (2) \$28,323; (3) \$26,587; (4) \$37,361; (5) \$19,936; (6) \$7,148.

Hannah Bros., 142 Sansome St., S. F., (1) 405,850; (2) \$30,000; (3) \$35,400 (4) \$42,200; (5) \$26,200; (6) \$9,800.

R. W. Littlefield, 351 12th St., Oakland, (1) \$375,488; (2) \$31,200; (3) \$28,700; (4) \$37,700; (5) \$20,800; (6) \$7,500.

H. Jorgensen, 651 Prevost, S. J., (1) \$280,364; (2) \$32,175; (3) \$29,573; (4) \$38,683; (5) \$20,085; (6) \$6,550.

R. O. Summers, 17 N. First St., San Jose (1) \$399,860; (2) \$37,153; (3) \$38,127; (4) \$47,824; (5) \$29,421; (6) \$6,978.

E. Nommensen, 101 S. 16th St., San Jose (1) \$379,642; (2) \$33,035; (3) \$33,688; (4) \$42,706; (5) \$26,310; (6) \$6,200.

W. E. Reed, Brower Bldg., Bakersfield, (1) \$346,250; (2) \$31,421; (3) \$29,444; (4) \$38,899; (5) \$17,707; (6) \$5,108.

Contractor H. Jorgensen asked to be allowed to withdraw his bid (low bidder).

Heating

W. J. Nottingham, 351 12th St., Oakland Prop. (1) \$33,333; (2) \$33,333; (3) \$31,888; (4) \$32,222; (5) \$31,777; (6) \$31,444; (7) \$17,000; (8) \$980; (9) \$1,244; (10) \$1460; (11) Alt. a \$11,644, c \$11,844, d \$11,844, e \$11,500; (12) \$51,888; (13) \$51,888; (14) \$50,555; (15) \$50,888; (16) \$50,333.

Geo. A. Schuster, 351 12th St., Oakland, (1) \$32,428; (2) \$24,400; (3) \$32,700; (4) \$31,200; (5) \$30,900; (6) \$1400; (7) \$1600; (8) \$1100; (9) \$1050; (10) \$1650; (11) a \$11,990, b \$11,408, c \$12,150, d \$1200, e \$11,720; (12) \$49,900; (13) \$49,750; (14) \$50,450; (15) \$49,000; (16) \$46,390.

Lawson & Drucker, 450 Hayes St., S. F., (1) \$31,150; (2) \$30,900; (3) \$30,875 (4) \$30,900; (5) \$30,720; (6) \$1530; (7) \$3000; (8) \$1550; (9) \$4665; (10) \$1600.

Latourrette-Fical Co., 907 Front St., Sacramento, (1) \$29,000; (2) \$28,600; (3) \$27,800; (4) \$27,800; (5) \$27,700; (6) \$1,100; (7) \$1,400; (8) \$400; (9) \$1450; (10) \$1200; (11) \$127,500; (12) \$46,500; (13) \$46,500; (14) \$46,500; (15) \$375, c \$150, d \$475, f 000; (15) \$46,000; (16) \$45,800.

F. Studer, 667 E. St., James, San Jose, (1) \$27,933; (2) \$27,833; (3) \$27,266; (4) \$26,924; (5) \$26,744; (6) \$1595; (7) \$1524; (8) \$1124; (9) \$984; (10) \$1555; (11) a \$10,144, b \$10,944, c \$10,958, d \$11,063, e \$10,845; (12) \$45,396; (13) \$45,196; (14) \$45,103; (15) \$44,860; (16) \$44,472.

W. H. Picard, 351 12th St., Oakland, (1) \$31,522; (2) \$30,998; (3) \$30,369; (4) \$30,896; (5) \$27,940; (6) \$1660; (7) \$1438; (8) \$1263; (9) \$1035; (10) \$1169; (11) a \$11,670, b \$11,269, c \$11,688, d \$12,252, e \$11,298; (12) \$49,758; (13) \$48,934; (14) \$48,625; (15) \$49,717; (16) \$47,808.

Doell & Brown, 351 12th St., Oakland, (1) \$31,975; (2) \$31,600; (3) \$31,212; (4) \$31,602; (5) \$31,202; (6) \$1393; (7) \$1967; (8) \$1267; (9) \$4407; (10) \$1747; (11) a \$41,324, b \$40,947, c \$40,434, d \$40,949, e \$40,945; (12) \$51,825; (13) \$51,528; (14) \$51,040; (15) \$51,430; (16) \$51,030.

Blackboards

Stewart Sales Co., Rialto Bldg., S. F., slate \$4552; composition \$2500.

Rucker & Fuller, 877 Mission St., S. F., slate \$14935; composition \$2470.

E. P. Webber Co., 601 Mission St., S. F., slate \$4607; composition, \$2531.75.

F. W. Wentworth Co., 39 2nd St., S. F., slate \$4517.47; composition \$2482.35.

W. T. King, slate \$— composition \$1223

YUBA CITY, Sutter Co., Cal.—Until Sept. 20, 8 p. m., bids will be received by J. S. Cope, Lincoln School District, for painting and mechanical in connection with Lincoln School. George C. Selton & Co., architects, California State Life Bldg., Sacramento, Cert. chk 10% payable to clerk req. Plans obtainable from architect and on file with clerk.

SACRAMENTO, Cal.—Until Sept. 16 8 p. m., bids will be received by L. Narbett, clerk, Sutterville Heights School District, 1130 Tenth St., Sacramento, for erection of new school buildings and addition to present structure. Cert. check 10% req. with bids. Plans obtainable from clerk.

LONG BEACH, L. A. Co., Cal.—Wm. G. Reed, 814 Pacific S. W. Bank Bldg., Long Beach, was low bidder at \$247,000 on gen. contr. for proposed Woodrow Wilson Junior High School at San Diego. T. C. Kistner & Co., archts., 616 Pantages Bldg., and 537 Spreckels Bldg., San Diego. Other low bidders were: Heating, John M. Eustace, 1246 E 9th St., \$11,500; plumbing, Edward Rohde, 1165 State St., San Diego, \$14,816; elec. wiring, Capitol Elec. Co., 123 C St., San Diego, \$12,000.

VALLEJO, Solano Co., Cal.—Until Sept. 30, 8 p. m., bids will be received by Elmer L. Cave, secy. Board of Education, to install two water pressure systems, one on Junior High School and another in McKinley school. Cert. chk. 5% req. with bid. Plans obtainable from secretary, Room 1-2, Masonic Temple, 344 Virginia St., Vallejo.

LONG BEACH, L. A. Co., Cal.—Contracts for erecting the Alexander Hamilton group of junior high school bldgs. were let as follows: C. T. McGraw & Sons, 1345 D Ocean Blvd., Long Beach, gen. contr., \$287,325, including additions for alternates; J. D. Sherer & Son plastering, \$17,000; W. G. Reed, painting, \$11,500; ohn M. Eustace, 1246 E 9th St., \$11,500; William McArthur, heating, \$32,624; Batty Elec. Co. wiring, \$13,035; Davies & Baume, 1010 Farmers & Merchants Bank Bldg., Long Beach, and Richard M. Bates, Brackish Bldg., L. A. assoc. archts. There will be a 30-classroom, academic bldg., 900-seat auditorium with stage, administration bldg. with offices and teacher's rms., gymnasium to accommodate 150, manual training cafeteria and present science bldg. Two-story constr. all connected by arcades. Overall found. dimen. approx. 350x350 ft., brick walls, face brick and art stone exteri., brick corridor walls, conc. understructure and stairs, tile ris. hardwood classroom fls., cem. fl. in auditorium, steel showers and toilets, 2500 steel lockers, steam hgt.

SANTA CLARA, Santa Clara Co., Cal.—Until Sept. 22, 8 P. M., bids will be received by Board of Education to erect a faced brick shop addition to present structure on Santa Clara High School grounds. Separate bids are also desired to erect frame bleachers. Cert. check 5% payable to President of Br. of Educ. req. with bid. Plans obtainable from H. Krause, architect, 202 Bank of San Jose Bldg., San Jose.

WHITTIER, L. A. Co., Cal.—Until 5 p. m., Sept. 19th, bids will be received by the trustees of the Nietos School dist. for erecting a school bldg. near Whittier in accordance with plans and spec. by Archt. A. S. Nibecker, Jr., 625 Washington Bldg. Separate bids on general contract, painting, plumbing, heating, electrical, water pumping, septic tank. Cert. chk. or bid bond. 5%. E. B. Chambers, clerk. Bldg. will be 1-story masonry exteri. walls, stucco finish, tile fls., tile ris. pine hbl., hardwood and maple fls., pine trim.

INGLEWOOD, Los Angeles Co., Cal.—W. M. Bell, Huntington Park, was low bidder at \$100,000 for Pine Bldg. at Inglewood high school for the Inglewood High School Dist. Geo. A. Howard, Jr., 820 Story Bldg., archt.

OROVILLE, Butte Co., Cal.—Until Sept. 20, 12 M., bids will be received by Mildred P. Martin, clerk, Oroville Union High School District, to excavate and level playground site at high school. Plans obtainable from City Engineer C. E. Norris, 400 Lincoln Ave., Oroville.

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PINEDALE, Fresno Co., Cal.—Following contracts awarded by Archts. Ernest J. Kump Co., Rowell Bldg., Fresno, in connection with new school for Pinedale School District: Carpen-ter, Williams and Kerr, \$10,450, steel, Kyle and Company, 2907, lath, John M. Brown, \$480; painting, E. S. Dono-vas, \$850; plastering, M. E. Summers, \$460; roofing, Fresno Roof and Paint Company, \$1347; plumbing, Evans Plumbing and Heating Company, \$1,340; electrical, Dorameier Electrical Company, \$720; blackboard, Stewart School Supply Company, \$175; heating, C. F. Weber Company, \$860; sheet metal, no bid, to be readvertised.

SANTA ROSA, Sonoma Co., Cal.—Un-til Sept. 22, 8 p. m., bids will be re-ceived by Sara N. Hatch, secy. Board of Education, for interior decoration and painting of high school auditorium. W. H. Weeks, architect, 369 Pine St., San Francisco. Cert. check 5% payable to secretary req. Plans obtainable from architect. See call for bids under official proposal section in this issue.

LEMOORE, Kings Co., Cal.—Until Sept. 26 at 7 p. m., bids will be rec. by R. E. Shore, clerk of the Board of Trustees of the Lemoore Union High School District, for special fixtures, program clocks and metal lockers, in connection with the construction of the reinforced concrete high school building at Lemoore. Plans by Architect W. H. Weeks, 369 Pine St., San Francisco and Tribune Tower, Oakland.

STOCKTON, San Joaquin Co., Cal.—The following bids were received by Ansel S. Williams, secy. Board of Education, San Joaquin and Lindsay Sts., for heating plant and completion of general work, including completion of general work, including wood finish, lathing, plastering, blackboards, tinting and painting for Luther Burbank School, Pilgrim and Jefferson Streets. Chas. H. Young, architect, Com. and Svcs. Bk. Bldg., Stockton.
Heating awarded to Stockton Plumbing Supply Co., 327 E. Miner St., Stockton, at \$17,728.

Other bids were:
E. L. Gnekow \$18,384
Brandt Bros. 18,394
Schuester Bros. 20,745

General
H. E. Vickroy, 1122 N Commerce
Stockton (low) \$37,353
J. F. Shepherd 39,467
L. F. Beletz 42,635
H. H. Henning 41,445
W. E. French 38,985
All bids submitted on general con-tract under advisement.

STOCKTON, San Joaquin Co., Cal.—The following bids were awarded by Ansel S. Williams, secy. Board of Education, San Joaquin and Lindsay Sts., for high school auditorium heating plant and sanitary plant; also tinting, painting, plastering, ets. Louis S. Stone architect, 357 12th St., Oakland.
Sanitary plant and other improvements awarded to J. F. Shepherd, 2341 N Madison St., Stockton at \$14,897.
Heating to E. L. Gnekow 111 W Park St., Stockton, at \$9887.

YUBA CITY, Sutter Co., Cal.—The following bids were awarded by J. S. Cope, clerk of the Board of Trustees of the Lincoln School District, for the construction of a three-classroom frame and stucco school building ac-cording to plans and specifications by Architect Geo. C. Sellon, Calif. State Life Bldg., Sacramento:

Concrete and carpentry awarded to Herndon & Miller, Sacramento, at \$7920.

Plastering to Thos. S. Scollan, 2910 T St., Sacramento.

Roofing to The Allyn Burr Co., 11th & K Sts., Sacramento.

Bids for painting, sheet metal, elec-trical work and electrical heating will be re-advertised for.

BANKS, STORES & OFFICES

Contract Awarded
BUILDING Cost, \$35,000
SACRAMENTO, K Street.
One-story and basement brick store building.

Owner—Hart Bros.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Contractor—Wm. Whitsell, 2900 C St., Sacramento.

Plans Being Prepared.
BANK BLDG. Cost, \$200,000
SACRAMENTO, 7th & K Sts.
One-story and basement class A bank building.

Owner—United Bank & Trust Co.
Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.

Completing Plans.
ALTERATIONS ETC. Cost, \$10,000
SAN JOSE, San Pedro & Bassett Sts.
Alterations and additions to 2-story brick bldg. for postoffice.

Owner—B. Godfrey.
Architect—Herman Krause, Bank of San Jose.

Lessee—United States Government.

Plans To Be Ready For Figures Wed-nesday.
REMODELING Cost, \$10,000
OAKLAND, San Pablo Ave. near Uni-versity.

Remodeling garage into store bldg.
Owner—Mr. George.

Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Lessee—Sherman Dry Goods Co., 5711 San Pablo, Oakland.

Plans Being Figured.
STORE BLDG. Cost, \$20,000
OAKLAND, Perry and Grand Ave.
One-story brick store bldg. with terra cotta and brick veneer front (four stores).

Owner—E. McHenry.
Architect—Leonard H. Ford, 306 14th St., Oakland.

To Be Done By Day's Labor.
ALTERATIONS Cost, \$6000
SAN LEANDRO, Alameda Co., Cal.

Alterations to brick store building.
Owner—W. L. Doarte.

Architect—Miller & Warnecke, Artico Bldg., Oakland.

Plans Being Prepared.
STORES & OFFICES Cost, \$—
SAN MATEO, San Mateo Co., Cal., B St.
bet. 3rd and 4th Sts.
Two-story reinforced concrete stores and offices 110x100 ft.
Owner—Loewe and Zwierlein, 168 B St. San Mateo.

Plans Being Figured.
STORE BLDG. Cost, \$25,000
BERKELEY, Shattuck Ave. and Vine Street.

One-story reinforced concrete store bldg. (5 stores).

Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

SEATTLE, Wash.—See "Garages," this issue. Planned.

LOS ANGELES, Cal.—J. F. Weddle & Son, 1017 Marsh-Strong Bldg., have the contract to erect a brick market bldg. at 11th and San Julian Sts. for E. J. Fleming. Brick walls, 1-story, press. brick facing, about 75x100 ft., comp. rfg., cement fls., metal sky-lights, steel sash, metal skylights; pine trim. Plans by C. C. Ruppenthal, 2075 W Washington St.

LONG BEACH, L. A. Co., Cal.—Ar-chitects and Engrs. Dedrick & Bobbe, 214 Laughlin Bldg., Long Beach, have prepared preliminary drawings for a \$750,000 12-story class A store and of-fice bldg. to be erected on a 49-year leased site at n.w. cor. Ocean Blvd and Pine Ave. for John R. Mason and Thomas F. Merrick. A 3-story bldg. with leases holding until October now occupies the 50x161 ft. site. Rein. conc. constr. Five stores, remainder offices, 2 high speed elevators.

LOS ANGELES, Cal.—Arch. Richard D. King, 519 Van Nuys Bldg., is com-pleting plans for a class A office and garage bldg. to be erected at s.w. cor. Hollywood Blvd. and Sycamore St., for H. P. Rehbein; the office bldg. will have 5 stores and lobby on first floor and office suites above. Office section will be 5-story and the garage 3-story, rein. conc. constr., 150x180 ft., terra cotta, plaster and conc. exter., comp. rfg., plate glass, steel sash, 5 elec. ele-vators in office section and the garage will have ramps, steam htg. sys., base-ment, metal store fronts, metal sky-lights, sprinkler sys.; \$500,000. Bids from selected list of bidders will be taken about Sept. 15th.

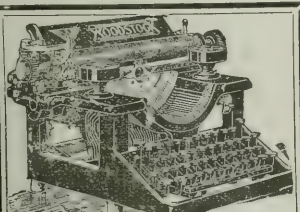
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Plans Being Figured.
STORE & LOFT Cost, \$25,000
SAN FRANCISCO, N Market near Van Ness.

Two-story and basement reinforced concrete store and loft bldg.
Owner—C. McDermott.
Architect—Crim & Murdoch, 425 Kearny St., San Francisco.

LOS ANGELES, Cal.—Arch. John M. Cooper, 321 Marsh-Strong Bldg., has completed plans and has the contract to erect a store and loft bldg. at s.w. cor. 8th and Kohler Sts., for the W. E. Guyton Tire and Rubber Co. Reinf. conc. constr., 2-story, plaster facing, cement fls., comp. rfg., steel sash, dimensions 92x140 ft., wire and plate glass, gas htg., storage water htr., pipe trim, bldg. designed to carry 2 future stories.

LOS ANGELES, Cal.—Arch. and Eng. Starrett & Payne, 426 eastern Mutual Life Bldg., are preparing plans for remodeling a 6-story class A loft bldg. at s.e. cor. 7th and Los Angeles Sts., for M. J. Connell. Work will include reinf. conc. work, copper store fronts, heating, plumbing, electric wiring, tile and marble lobby, maple fls., gypsum tile partitions and replacing elevators.

PORTLAND, Ore.—Archs. Geo. A. Schoneveld, New York and A. E. Doyle, Worcester Bldg., Portland, associate architects, preparing plans for 12 story steel stores and offices to be erected for the Bedell Company at n. corner of 6th and Alder Sts. Site is 100 by 100 ft. Strong and MacNaughton Trust Co., Corbett Bldg., Portland, represent the Bedell Company.

GLENDALE, L. A. Co., Cal.—F. B. Reichenbach, 421 W. Los Feliz Rd., Glendale, has had plans prepared for 2-story brick bus. blk., 150 ft. front by 70 ft. deep, at same address; wk. will be started soon by day labor; stucco ext., comp. and tile fl., cast stone trim, plate glass, struc. steel, stores on 1st fl., 2nd sto. to be left in rough and later finished for offices and apts.; plans by H. B. Charlton, 111 E Broadway, Glendale; \$65,000.

MARYSVILLE, Yuba Co., Cal.—Hart Buildings, Inc., Sacramento, through the Carmichael Co., 811 J St., Sacramento, announces the purchase of the Fred Pearson property at 4th, High and E Sts., and the preparation of plans for a five to seven story reinforced concrete store and office building to cost approximately \$100,000. Structure will have 75 ft. frontage and depth of 112 ft. and will have tile facing. Store rooms and lobby will take over first floor, the upper floors to be given over to offices.

PASADENA, L. A. Co., Cal.—W. A. Taylor & Sons, Brae Burn Rd. (F. O. 2365), Pasadena, John H. Simpson, assoc., have the contract to erect a \$250,000 4-story basement and mezz. newspaper plant and office bldg. at Colorado St. and Oakland Ave., Pasadena, Star-News Publishing Co., Raymond Ave. and Holly Sts., Pasadena, Cal. Found., 175x50 ft., reinf. conc. constr. Joseph J. Blick, Dodworth Bldg., Pasadena, archt.

SANTA MONICA, Los Angeles Co., Cal.—Arch. W. W. Eager, 1211 Pacific Mutual Bldg., has completed plans for a store building to be erected at Santa Monica Blvd. and 6th St., Santa Monica, for Frank H. Bodie, Bank of Italy Bldg. It will contain 7 stores. Dimensions, 100x100 feet, cement floors, composition roofing, press. brick facing, plate glass, metal skylights.

SAN MATEO, San Mateo Co., Cal.—The erection of a new bank building is planned by the First National Bank of San Mateo on site now occupied by the Wisnom Company at the corner of "B" Street and Second Avenue, San Mateo. An architect has not as yet been selected to draw up plans.

THEATRES

BALLARD, Wash.—See "Halls and Society Buildings," this issue.

SAN BERNARDINO, San Bernardino Co., Cal.—Arch. Howard E. Jones, 445 4th St., San Bernardino, and L. A. Smith, 301 S Western Ave., assoc., have completed plans for a class A theatre bldg. to be erected at cor. 5th and E Sts., San Bernardino, for Frank C. Platt Realty Co.; it will have a seating capacity of 1500 people. Reinforced concrete construction, 70x139 ft., mezzanine and balcony basement, composition rfg., washed air ventilating system, tile and marble work, steam hgt. sys., staff work, ornam. iron, conc. and hardwd. fls., metal lath, pipe organ, sprinkler sys., etc.

SANTA CLARA, Santa Clara Co., Cal.—It is planned to erect a modern fire-proof theater building in the near future on the campus of the Santa Clara University. The old music hall will be razed to make room for this structure. As yet no architect has been selected.

MOUNTAIN VIEW, Santa Clara Co., Cal.—E. L. Campen, manager of the Glen Theatre and Chas. F. Hartley, former hardware merchant, will erect a theatre and (2) stores in Castro St.; will have frontage of 75 ft. Plans for the structure are being made.

Contract Awarded.
THEATRE Cost, \$109,622
PALO ALTO, Santa Clara Co., Cal. University Ave. and Ramona St.
One-story reinforced concrete Class B theatre building.
Owner—Palo Alto Theatre Co. (Ellis J. Arkush, Mgr.)
Architect—Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

HUNTINGTON BEACH, Los Angeles Co., Cal.—Jas. Macklin contemplates building a theatre to cost \$40,000 and a garage to cost \$20,000 at the northwest corner of Ocean Ave. and Third St.

LA JOLLA, San Diego Co., Cal.—Stutz & Isaac will start work at once on two-story brick theatre and office building at 7871 Girard Ave. Theatre will seat 800. Tile facing. Cost, \$45,000.

WHARVES AND DOCKS

SAN FRANCISCO—Until Sept. 18, 2 p. m., bids will be received by J. L. Phelps, secy. State Board of Harbor Commissioners, Ferry Bldg., to construct addition to shed along Islais Outer Wharf, Cor. 2nd and 3rd piers, to secretary req. with bid. Plans obtainable from Frank K. White, chief engineer for Commission, Room 18, Ferry Bldg.

SAN DIEGO, Cal.—Bids will be called soon to erect small boat landing at Coronado. Cost, \$3,000. Reinf. co. piling will be used. Work to be under superv. of T. J. Allen, city mgr of Coronado.

MISCELLANEOUS BUILDING CONSTRUCTION

GLENDALE, L. A. Co., Cal.—Ryberg-Sorenson, Inc., Salt Lake City (Los Angeles address, Angelus Hotel), have contr. for passenger and freight depot at 730-2 Lexington Ave., cor. Glendale Ave., Glendale, for Union Pacific R. Co. Main structure, 34x195 ft., for which permit has been taken out, will be clay tile walls, plas. ext., tar and grav. fl., cem. fl., cost \$32,400; addit. wk. will consist of covered unloading platform 32x50 ft., conc. constr., auto dock for spotting both side and end door cars, 43,000 sq. ft. brick and conc. driveways and walks, and 1900 ft. of new elec. trackage; total cost of project, about \$160,000.

ANAHEIM, Orange Co., Cal.—Pickwick Stage Co. has secured lease on site at Los Angeles and Orange Sts. from F. C. Rimpau where it contemplates building stage depot, 125x171 ft.

PASADENA, L. A. Co., Cal.—Arch. Clarence L. Jay, 402 Braley Bldg., Pasadena, has completed plans and excavating has been started for the 3500-crypt mausoleum in Glendale for the Grand View Cemetery. Reinf. conc. constr., tile fl., stucco ext., marble and terrazzo fls. and trim, stained glass. Day work by the owners.

LOS ANGELES, Cal. D. M. Renton, Avalon, Catalina Island, will probably prepare plans for a baseball grandstand to be erected at the corner of 33rd S. and Grand Ave., for the Los Angeles Baseball Club. It will have a seating capacity of 29,000 people and will be erected to carry a future upper deck which will carry an additional seating capacity of 15,000; reinforced concrete steel frame construction, locker and dressing rooms, restrooms, offices, etc. Cost, \$420,000.

PORTLAND, Ore.—In an Pacific R. plans early construction of a modern terminal at footland. Will have wharf frontage of 175 ft. on Willamette river. (Continued on Page 29)



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Official Proposals

NOTICE TO CONTRACTORS (Oakdale Irrigation District)

Sealed proposals for the construction of three drainage ditches and eight concrete pipe culverts, and for the enlargement of one ditch in the Oakdale Irrigation District, will be received by the Board of Directors of said District at its office in Oakdale, California, at any time up to 2 o'clock P. M., September 26, 1924, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work to the lowest responsible bidder, but said Board reserves the right to reject any or all bids and readvertise about proposals open for construction of the work under their own superintendence. The work for the doing of which proposals are hereby invited is the furnishing of all materials for and the construction of the drainage ditches and culverts, and for the concrete lining of the ditch aforesaid, described as follows:

Schedule No. 1

Schedule No. 1 is a drainage ditch known as the "Griffin Drain" located about three miles N. W. of Oakdale and about 1/4 of a mile East of the 28 mile road. It consists of about one mile of open ditch or approximately 450 cubic yards of excavation and of one concrete pipe culvert.

Schedule No. 2

Schedule No. 2 is a drainage ditch known as "Lone Tree Creek" located about six miles N. W. of Oakdale. It consists of about six and one-third miles of open ditch or approximately 23,000 cubic yards of excavation and five 36 inch concrete pipe culverts.

Schedule No. 3

Schedule No. 3 is a drainage ditch known as the "Tullock Drain" located about five miles N. W. of Oakdale. It consists of about 1 1/2 miles of open ditch or approximately 2700 cubic yards of excavation and one 36 inch concrete pipe culvert.

Schedule No. 4

Schedule No. 4 is the enlargement of a ditch known as the "Gray Lateral" located about five miles East of Oakdale. It consists of the concrete lining of one bank of about 650 linear feet of canal and approximately 850 cubic yards of excavation.

Proposals will be received for any schedule or any combination of schedules.

All proposals must be in writing and must be upon forms furnished by the Board with blanks properly filled in and must be enclosed in a sealed envelope endorsed.

Proposals for the construction of schedule (The bidder shall insert the number of the schedule on which he is bidding) known as (The bidder shall insert the name of the ditch corresponding to the above schedule), and the same shall be delivered to the Secretary of the Board of Directors of the Oakdale Irrigation District before the time for opening said proposals.

Sealed proposals must be accompanied by a certified check on some bank of good standing in the State of California, payable to the order of the President of the said Board of Directors for the amount of 10 per cent of the bid, which check shall be returned to bidder if his bid be not accepted, or if he executes and delivers the contract and bond hereinafter mentioned, and if such contract be awarded to said bidder and he fails to enter into such contract and furnish such bond then his check shall be and remain the property of said District.

Any person to whom a contract may be awarded shall within ten days after notice of said award make execution and deliver to said Board a written contract satisfactory to said Board said contract to be in the form provided by the Board of Directors and which is

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

on file in the office of said Board for the performance of said contract at the time and in the manner and according to and upon the terms prescribed by this notice and shall at said time enter into bonds with good and sufficient surety to be approved by said Board payable to said District for its use as follows:

A bond in the amount of 25 per cent of the contract price contained for the faithful performance of said contract, and also a bond in the sum of 50 per cent of the contract price for the faithful performance of the payment of all labor, work, supplies and materials.

Plans and specifications for the work described herein have been prepared by R. E. Hartley, Chief Engineer, and adopted by said Board of Directors of said Oakdale Irrigation District, and said plans and specifications may be seen at the office of said Board.

By order of the Board of Directors of the Oakdale Irrigation District.
Dated at Oakdale, California, the 29th day of August, 1924.

M. P. KEARNEY,
Secretary of the Board of Directors.

NOTICE TO BIDDERS

(Painting—U. S. Post Office)

OFFICE OF THE SUPERVISING SUPERINTENDENT, 402 P. O. Bldg., San Francisco, Cal., Sept. 3, 1924—Sealed proposals will be received at this office until 12 o'clock M., Sept. 22, 1924, and then opened, for exterior painting, etc., at the U. S. Post Office Bldg., San Francisco, Cal., in accordance with specification; copies of which may be had at this office in the discretion of the Supt. WM. ARTHUR NEWMAN, Supt.

NOTICE TO BIDDERS

(Merced Irrigation District, Merced County, California—Exchequer Storage Works)

Sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District, in the Barcroft Building, Merced, California, until Tuesday, September 30th, 1924, at 2 o'clock P. M., for the manufacture and delivery, with freight prepaid to Merced Falls on the Yosemite Valley Rail-

way, Merced County, California, of the following materials for the construction of the relocation of the Yosemite Valley Railroad from Merced Falls to Detwiler:

Schedule "A"

About 2165 gross tons 70 pound rails.
About 6000 pairs angle bars to fit rail.
About 220,000 pounds track spikes.
About 106,000 compression bottom tie plates.
About 2600 pounds Hipower nut locks.
About 26,560 pounds track bolts and nuts.
9 Frogs.

Schedule "B"

The Merced Irrigation District will sell all 70 pound rails, fastenings, ties, trestles, and bridges of the 17-mile section of the Yosemite Valley Railroad for a lump sum "as is" and "where is."

Schedule "C"

About 1685 M. bd. ft. Redwood cross ties.
About 200 M. bd. ft. trestle timbers Douglas Fir, No. 1 Common.

Specifications for said material can be seen at the office of said Board and copies thereof will be furnished upon application to the Secretary of said Board, accompanied by a deposit of \$10.00 for each copy, to be repaid all bidders and to all others upon the return of plans and specifications in good and acceptable condition not later than the day set for opening bids.

Said Board will be in session at its office at 2 o'clock P. M. on said 30th day of September, 1924, and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any or all bids.

Bidders may submit bids upon any or all of the schedules but no schedule will be subdivided.

Each proposal must be accompanied by a certified check for 5 per cent of the amount of the bid, payable to the order of the Merced Irrigation District, for the benefit of said District as a guaranty that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the specifications, said bond to be subject to the approval of said Board.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposal must be submitted intact with the bid in a sealed envelope addressed to the Board of Directors of the Merced Irrigation District, and marked to indicate that it is a proposal for railroad materials.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District this 19th day of August, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of the Merced Irrigation District.

NOTICE TO BIDDERS

(U. S. Post Office Repairs)

OFFICE OF THE SUPERVISING SUPERINTENDENT, 402 P. O. Bldg., San Francisco, Cal., Sept. 3, 1924—Sealed proposals will be received at this office until 12 o'clock M., Sept. 22, 1924, and then opened, for miscellaneous repairs at the U. S. Post Office Bldg., San Francisco, Cal., in accordance with specification; copies of which may be had at this office in the discretion of the Supt. WM. ARTHUR NEWMAN, Supt.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Customhouse Repairs—San Francisco)

OFFICE OF THE SUPERVISING SUPERINTENDENT, 102 F. O. Bldg., San Francisco, Cal., Sept. 5, 1924—Sealed proposals will be received at this office until 12 o'clock M., Sept. 29, 1924, and then opened, for repairs to floors, stairs, sidewalks, etc., at the U. S. Custom House, San Francisco, Cal., in accordance with specifications; copies of which may be had at this office in the discretion of the Supt. WM. ARTHUR NEWMAN, Supt.

NOTICE TO CONTRACTORS

(Painting—Santa Rosa High School)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa, High School District, Sonoma County, State of California, in the present High School Annex building, in Santa Rosa, at 8:00 o'clock P. M., September 22, 1924, for the interior decoration and painting of the high school auditorium in the said City of Santa Rosa, State of California, according to plans and specifications prepared by W. H. Weeks, architect, whose office is at 369 Pine street, San Francisco, California.

Each bid must be accompanied by a certified check on some responsible California bank in a sum of not less than five per cent (5%) of the amount bid, made payable to Sara N. Hatch, Secretary Board of Education of the City of Santa Rosa High School District, for the purpose stated in the specifications. Each bid must be inclosed in a sealed envelope addressed to "Mrs. Sara N. Hatch, Secretary Board of Education." The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Secretary of the Board of Education at her office in the present High School Annex Building in the said City of Santa Rosa at the time and place of meeting above stated, or any time previous to the hour of opening said bids.

SARA N. HATCH,
Secretary Board of Education of the City of Santa Rosa High School District.

BIDS WANTED FOR FIRE ALARM SYSTEM AT U. S. VETERANS' HOSPITAL, LIVERMORE, CAL.

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans' Bureau, Room #791, Arlington Building, Washington, D. C., until 11:00 A. M., October 21, 1924, and then and there publicly opened for a Fire Alarm System at U. S. Veterans' Hospital #102, Livermore, Calif. Proposals will be considered only from individuals, firms, or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion

of the contract and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. Drawings and specifications may be obtained upon application to the Construction Division, Room #791, Arlington Building, Washington, D. C., or to the Superintendent of Construction at the above named station. Deposit with application of a check or postal money order for \$5.00, payable to the Treasurer of the United States, is required as security for safe return of drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director,
September 4, 1924.

BIDS WANTED FOR AUTOMATIC TELEPHONE SYSTEM, U. S. VETERANS' HOSPITAL, LIVERMORE, CAL.

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans' Bureau, Room #791, Arlington Building, Washington, D. C., until 11:00 A. M., October 21, 1924, and then and there publicly opened for an Automatic Telephone System at U. S. Veterans' Hospital #102, Livermore, Calif. Proposals will be considered only from individuals, firms, or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. Drawing and specifications may be obtained upon application to the Construction Division, Room #791, Arlington Building, Washington, D. C., or to the Superintendent of Construction at the above named station. Deposit with application of a check or postal money order for \$5.00 payable to the Treasurer of the United States, is required as security for safe return of drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director,
September 4, 1924.

BIDS WANTED FOR WIRING AND CABLES FOR AUTOMATIC TELEPHONE SYSTEM, LIVERMORE, CAL.

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans' Bureau, Room #791, Arlington Building, Washington, D. C., until 11:00 A. M., October 21, 1924, and then and there publicly opened for Wiring and Cables for Automatic Telephone System at U. S. Veterans' Hospital #102, Livermore, Calif. Proposals will be considered only from individuals, firms, or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion

of the contract and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. Drawings and specifications may be obtained upon application to the Construction Division, Room #791, Arlington Building, Washington, D. C., or to the Superintendent of Construction at the above named station. Deposit with application of a check or postal money order for \$5.00, payable to the Treasurer of the United States, is required as security for safe return of drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director,
September 4, 1924.

NOTICE TO CONTRACTORS

(Leveling and Surfacing Crissy Field)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M. Sept. 18, 1924, for leveling and top surfacing at Crissy Field, Calif. Information upon application.

BIDS WANTED FOR HOLLOW TILE AND REINFORCED CONCRETE LAUNDRY BLDG.—PALO ALTO

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11:00 A. M. October 7, 1924, and then and there publicly opened for the construction and finish of a Laundry Building at U. S. Veterans' Hospital #24, Palo Alto, California. The building will be of hollow tile and stucco with concrete foundations, reinforced concrete floor, columns and roof slab, hollow tile partitions, tar and gravel roof, steel sash, plumbing, heating and electrical work. Plumbing fixtures will be supplied by the Government but set and connected under this contract. Laundry machinery and equipment will be supplied, set and connected by the Government. PROPOSALS will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. Plans and specifications may be obtained upon application to the Construction Division, U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., or to the Medical Officer in Charge, U. S. Veterans' Hospital No. 24, Palo Alto, California, upon deposit of check or postal money order for \$10.00 payable to the TREASURER OF THE UNITED STATES, to guarantee a return within ten days after date of opening proposals.

FRANK T. HINES, Director,
September 3, 1924.



MILLWORK

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National Mill & Lumber Co.

We are glad to place at your disposal, without obligation, the services of a corps of skilled estimators, with wide experience in figuring general millwork, cabinet work and detail work of all kinds. Behind them is an organization offering virtually unlimited selection of materials. We believe their assistance will be genuinely helpful to you.

312 Market Street
San Francisco

High St. & Tidewater Ave.
Oakland

NOTICE TO CONTRACTORS

(Academic Bldg., Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Trustees, Kern County Union High School District, Bakersfield, California, up to 8 P. M., of **October 6th, 1924**, for furnishing all materials and labor necessary for the erection and completion of a two-story brick Academic Building, on the High School site, in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of Ten Dollars (\$10) at the office of Charles L. Bickart, Architect, 465 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole or segregated as noted on the form furnished with the specifications.

Bids must be accompanied by a cashier's or certified check in the amount of at least ten per cent (10%) of the estimated cost, which check may be payable to the Board of Trustees, Kern County Union High School District, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids and to demand satisfactory to the said Kern County Union High School District, and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, made August 14th, 1924.

W. J. WALTERS, President.
BOYCE R. FITZGERALD, Clerk.

NOTICE TO CONTRACTORS

(Banta-Carbona Irrigation District—contract No. 1)

Notice is hereby given that sealed proposals will be received by the Board of Directors of the Banta-Carbona Irrigation District, Box "Z," Tracy, California, and endorsed, "proposal for furnishing and installation of pumping machinery and accessories, Contract No. 1," will be received by said Board of Directors at its office, at W. Schlossman's residence, near Carbona, California, and about three miles south of Tracy, California, up to 8 o'clock, P. M., on the **17th day of September, 1924**, and at that time and place will be publicly opened and read.

All proposals must be made upon blank forms to be obtained from W. Schlossman, Secretary of the Board of Directors, at his office, and must give the price proposed, both in writing and by figures, and must be signed by the bidder with his address.

Each bid is to be presented under sealed cover, and must be accompanied by cash or certified check made payable to the Banta-Carbona Irrigation District, in an amount equal to five per cent of the amount of the bid, and no bid will be considered unless such cash or check is enclosed therewith, and the cash or check will be considered unless in strict conformity with the plans and specifications. Should the successful bidder to whom the contract is awarded fail to execute the same, such cash or check shall be forfeited to and become the property of the district.

All other cash or checks will be returned to the unsuccessful bidders who submitted the same.

A common law bond will be required for the faithful performance of the contract, in a sum not less than twenty-five per cent (25%) of the amount of the contract price, and a further bond in the sum of not less than fifty per cent (50%) of the amount of the contract price, must be furnished with acceptable sureties to secure the payment of laborers, materialmen, etc.

The contractor to whom the contract may be awarded will be required to

appear at the office of the district with sureties offered by him and execute the contract within ten days (not including Sundays) from the date of notification of such award, and the preparation and readiness of the contract for signature, and in case of failure or neglect to do so he will be considered as having abandoned it, and said forfeiture or cash or certified check will operate.

All bids are to be compared on the basis of the district engineer's estimate for the furnishing and installation of pumping machinery and accessories, as follows:

Item No. 1. Seven centrifugal pumps of 20 cubic feet per second capacity.

Item No. 2. Fourteen centrifugal pumps of 40 cubic feet per second capacity.

Item No. 3. Motors, starters, relays, float switches, piping, valves, cranes, water measuring device and other essential equipment to complete pumping equipment, six pump houses and all foundations and pump houses to be built by the district.

Bids will be received for the complete work but not for any part thereof.

The contract to be entered into and the pumping machinery and accessories are to be furnished and complete and ready for use in accordance with the plans and specifications heretofore adopted by the Board of Directors.

The plans and specifications can be seen at the office of the Board of Directors. Plans and specifications and form of proposal may be obtained from W. D. Harrington, Tracy, California, or from Thomas H. Means, 369 Pine street, San Francisco, California, and said plans and specifications are on file and at the office of the Secretary of the district.

The right is reserved to accept the proposal of the lowest responsible bidder or to reject any or all bids.

The work shall be done under the direction and to the satisfaction of the engineer of the district, and approved by the Board of Directors.

Done in order of the Board of Directors of the Banta-Carbona Irrigation District, this 20th day of August, 1924.

(SEAL)
W. SCHLOSSMAN,
Secretary of the Board of Directors of the Banta-Carbona Irrigation District.
CRITTENDEN & HENCH,
Attorneys for the Banta-Carbona Irrigation District, 204 American Bank Bldg., Tracy, California.

NOTICE TO BIDDERS

(Merced Irrigation District, Merced County, California—Steel Pipes, Penstocks, Etc.)

Notice is hereby given that sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District in the Bancroft Bldg., Merced, California, until **Saturday, September 20th, 1924**, at 11 o'clock, for the furnishing of the following materials needed in the construction of the Exchequer Dam and Power Plant of the Merced Irrigation District:

About 260 lineal feet of 60 inch diameter riveted steel pipe.

About 450 lineal feet of 96 inch diameter riveted steel pipe, including special Y and elbow connections.

2 Steel Trash Racks, each 22 feet square, with trussed steel frame work.

2 Curved Steel trash racks each about 12 by 12 feet square.

3,400 lineal feet of 24-inch copper plate formed and punched.

6 sets Wrought and cast steel doors.

44 Cast iron and steel drain valves.

About 125 lineal feet of 6 inch steel pipe.

Specifications for said material can be seen at the office of said Board and copies thereof will be furnished upon application to the Secretary of said Board accompanied by a deposit of \$10.00 for each copy, to be repaid to all bidders and to all others upon the return of the plans and specifications in good and acceptable condition not later than the day set for opening bids.

Said Board will be in session at its office at 11 o'clock A. M. on **Saturday, September 20th, 1924**, and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidders may submit bids upon any or all of the schedules, but no schedule will be subdivided.

Each proposal must be accompanied by a certified check for five per cent (5%) of the amount of the schedules bid upon, payable to the order of the Merced Irrigation District as a guarantee that the bidder will, if successful, execute a satisfactory contract, and furnish a bond in the sum of not less than twenty-five per cent (25%) of the amount of his bid for the faithful performance of the work in accordance with the plans and specifications, said Bond to be approved by said Board.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposal, must be submitted intact with the bid in a sealed envelope addressed to the Board of Directors of the Merced Irrigation District, and must indicate that it is a proposal for pipes, penstocks, etc., of the said dam and power house.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District this 19th day of August, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of the Merced Irrigation District.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **8 o'clock P. M., on September 22nd, 1924**, when they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway No. 2-C, Colusa County, between $\frac{1}{2}$ mile west of Freshwater Creek and Williams (III-Col-15-E), about six and nine-tenths (6.9) miles in length, to be graded and surfaced with gravel or stone.

San Diego County, a bridge 30 feet wide across Sycamore Creek about six miles north of Oceanside (VII-S-D-2-C), consisting of a 24-root reinforced concrete arch span.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be obtained at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint inspection be made in advance as far as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for the reasons as to the bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
R. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer,
W. F. MIXON, Secretary.

Dated: Sept. 2, 1924.

Engineering News Section

BRIDGES

PHOENIX, Ariz.—State Engr. W. C. LeFebvre preparing plans for a 1700-ft. bridge to be erected jointly by the state and Maricopa Co. across the Gila river near Gillespie dam crossing on Phoenix-Yuma highway. It will be a steel cantilever type with 18-ft. roadway. Est. cost \$300,000.

MARYSVILLE, Yuba Co., Cal.—Davison & Nicolson, 224 W. Lafayette St., Stockton, at \$2,067 awarded cont. by supervisors to const. Simpson Lane bridge over Yuba River; 424 ft. long with 200-ft. steel span. Other bids: Jenkins and Elton, \$13,540; Lord and Bishop, \$15,700; J. L. Webster, \$16,857.

SANTA BARBARA, Cal.—Election will be called shortly by city council to vote bonds of \$60,000 to finance construction of bridges within city limits; also an \$80,000 proposition to finance construction of a viaduct.

LONG BEACH, Cal.—City and county plans immediate erection of a 52-ft. reinf. conc. bridge across control channel on W Broadway.

LOS ANGELES, Cal.—Bd. Pub. Wks. will call for bids shortly for new reinf. conc. bridge across Los Angeles river at Los Feliz Blvd. It will be 300 ft. long and 70 ft. wide; \$160,000.

VENICE, Cal.—City trustees will approve plans within a week for new 100 ft. bridge to be built across Grand Canal at Leona; \$15,000.

OROVILLE, Butte Co., Cal.—County Eng. Harry H. Hume authorized to const. bridge over Chico creek, near Sacramento river; est. cost \$5000. Will be 348 ft. in length.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 22, 10 a. m. bids will be rec. by Board of Directors, Joint Highway District No. 2, E. W. Black, secy., in the courthouse, Bakersfield, to const. 4 wooden pile trestle bridges. Cert. check 5% payable to Pres. of Board of Directors of Dist. rec. Plans obtainable from Burch and Beck, engineers, Commercial Bank Bldg., San Luis Obispo.

JACKSON, Amador Co., Cal.—Tibbals-Perival and Cress, Forgem Bridge, Sacramento, at \$4702.50 awarded cont. by supervisors to const. reinf. conc. Drytown bridge. Other bids: Levington Heintz, \$5280; Campbell Co., \$5512; Davison and Nicolson, \$5866.

MARYSVILLE, Yuba Co., Cal.—Yuba and Sutter County supervisors each appropriate \$20,000 to finance construction of the Rio Oso bridge. The construction of the structure now in litigation and nothing will be done until a decision is rendered.

GLENDALE, Cal.—L. Worel, 1312 Maryland Ave., Los Angeles, submitted low bid to city trus. at \$5450 to const. Canada Blvd. bridge, Merced Ave. Bridge & Const. Co. bid \$5695, and E. L. Fleming \$6200. It will be 60-ft., timber pile, 4-span, struc. with asph. conc. deck.

LOS ANGELES, Cal.—Until 10 a. m. Sept. 22 bids will be rec. by bd. pub. wks. to const. reinf. conc. Tropic bridge across the L. A. river on Los Feliz Blvd., involv. reinf. steel, 4800 cu. yds. class A conc., 875 cu. yds. class C conc., 15,500 lin. ft. piling in place, handrail complete, and 9200 cu. yds. earth fill. Bridge will be 300 ft. long, with 70 ft. roadway.

PORTLAND, Ore.—Revised plans being completed for proposed Sellwood bridge, est. cost \$600,000, to be financed by Multnomah County. Bids will be asked about Oct. 15. Particulars regarding construction will be available at that time.

KERN COUNTY, Cal.—Following bids rec. Sept. 8 by State Highway Commission to const. reinf. conc. girder bridge across Cottonwood Creek, approx. 7 1/4 miles n.e. of Edison, consisting of four 50-ft. spans and five 22-ft. spans:

J. L. Webster, Chico	\$29,300
J. F. Sherhardson, Bakersfield	31,143
Nate Lovelace, Visalia	32,147
R. H. McKenzie, Gerber	37,460
W. N. Ledbetter Co., L. A.	38,388
Adell-Cortwright Co., Hanford	42,378
Fred W. Nighbert, Bakersfield	47,210
Davison & Nicolson, Stockton	49,481
Engineer's estimate	\$3,015

PRESCOTT, Ariz.—Until 3 p. m. Sept. 15, bids will be rec. by Yavapai Co. Highway Comm. to const. 70-ft. reinf. conc. arch bridge over Fossil Creek on Camp Verde to Fossil Creek Highway, involv. 219 cu. yds. class A conc. 82 cu. yds. class B conc., 17,500 lbs. reinf. steel in place, 40 cu. yds. unclass. rock excav., 540 cu. yds. earth backfill, 97 cu. yds. unclass. excav. and 36 cu. yds. surfacing. Deposit of \$10 for plans. Cert. or cash, check 5% except on cost plus proposals, which will be acceptable. F. H. Lyons, secy.

ANTIOCH, Contra Costa Co., Cal.—Duncanson and Harrelson, Chronicle Bldg., San Francisco, at approx. \$850,000 awarded cont. by American Toll Bridge Company to construct Antioch-Sherman Island bridge. Contracts for steel awarded to Golden Gate Iron Works and Dyer Brothers of San Francisco, these contracts totaling approx. \$350,000. Contracts for rock awarded to Blake Brothers of Richmond and Daniel Contracting Company of San Francisco.

MADERA, Madera Co., Cal.—Miller and Little, Madera, at \$2584 awarded cont. by supervisors to const. timber bridge over Berenda slough. A. Gendron bid \$2932 and R. C. Brown, \$2942.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKDALE, Stanislaus Co., Cal.—Until Sept. 26, 2 p. m., bids will be rec. by M. P. Kearney, secy. Oakdale Irrigation District to const. 3 drainage

ditches and eight conc. pipe culverts and enlarge one ditch, involv.:

Schedule No. 1—Griffin Drain, one mile of open ditch, involv. 450 cu. yds. excavation and one conc. pipe culvert.
Schedule No. 2—Lons Tree Creek ditch, 6 1/2 miles open ditch, involv. 23,000 cu. yds. excavation and five 36-in. conc. pipe culverts.

Schedule No. 3—Tulloch Drain, 2 1/2 mile open ditch, involv. 2700 cu. yds. excavation and one 36-in. conc. pipe.

Schedule No. 4—Gray Lateral, concrete lining one bank of approx. 6350 lin. ft. of canal and approx. 850 cu. yds. excavation.

Bids will be considered for any schedule or any combination of schedules.

Cert. check 10% payable to President of Bd. of Dir. of dist. rec. R. E. Hartley, ch. eng. for dist. See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council declares inten. to const. orn. light sys. in Palm Grove Ave., bet. Washington and 31st Sts., involv. 10 conc. posts, conduits, cables, etc.

Irving Blvd., bet. Melrose Ave. and 1st St., and in Clinton St., involv. 35 conc. posts, conduits, cables, etc.

Western Ave., bet. Franklin Ave. and Hollywood Blvd. and in Russell Ave., involv. 23 cast iron posts, conduits, cables, etc.

LOS ANGELES, Cal.—Until 10 a. m. Sept. 22 bids will be rec. by bd. pub. wks. for orn. lighting system in foll. streets:

Hoover St., bet. Washington and Adams Sts., involv. 56 pressed steel posts, cables, conduits, etc.

Main St., bet. 57th St. and Florence Ave., involv. 109 pressed steel posts, cables, conduits, etc.

REDLANDS, Cal.—Russell Elec. Co. awarded cont. at \$30 ft. to install cond. and \$32.85 a ft. for 25 posts on Terracina Hill. Young Elec. Co. tid 42c and \$42.

LOS ANGELES, Cal.—Until 10 a. m. Sept. 15, bids will be rec. by bd. pub. wks. for orn. light sys. in Broad Ave., bet. Anaheim and B Sts., involv. 59 conc. light posts.

LOS ANGELES, Cal.—Until 2 p. m. Sept. 22, bids will be rec. by supervisors to install orn. light sys. in Covina Blvd., bet. Maine and Downing Aves., and portions of other sts., involv. 39 conc. light posts, cables, conduits, etc. Co. Imp. No. 101.

SANTA MONICA, Cal.—Until 10 a. m. Sept. 15, bids will be rec. by council for orn. light sys. in Main St., bet. Pico Blvd. and Hollister Ave.

RAILROADS

SAN FRANCISCO—Constructing Quartermaster's Office, Fort Mason, preparing specifications to const. 570 ft. of spur track with switches, etc., at Transport Docks, Presidio. 60-lb. rails will be used.

SAN FRANCISCO—Until Sept. 17, 3 p. m., bids will be rec. by Board of Public Works to fur. and del. electrical conductors and apparatus for Ocean View Line of Municipal Railway system, under Contract No. 142. Est. cost \$8000. Bond of \$2000 required of successful bidder. Spec. obtainable from Bureau of Engineering, 3rd floor City Hall.

Carbide Flare Lights

OxyAcetylene Equipment

Goggles—Respirators

First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

MERCED, Merced Co., Cal.—Until Sept. 30, 2 p. m. bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, Hartford 14436, Merced, to furnish following materials to be used in relocation of Yosemite Valley r.r. from Merced Falls to Detweiler:

Schedule A
About 2165 gross tons 70-lb. rails.
About 6000 pairs angle bars to fit rail.
About 220,000 lbs. track spikes.
About 106,000 compression bottom tie plates.
About 2600 lbs. Hipower nut locks.
About 26,560 lbs. track bolts and nuts.
9 frogs.

Schedule B
Merced Irrigation District will sell all 70-lb. rails, fastenings, ties, trestles and bridges of the 17-mi. section of the r.r. for a lump sum "as is" and "where is".

Schedule C
Furnish about 1655 M bd. ft. r.f. cross ties.
Furnish about 200 M bd. ft. trestle timbers, Douglas Fir, No. 1 common.
See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until Sept. 24, 3 p. m. bids will be rec. by C. Thorburn, purchasing agt., Pacific Electric Railway Co., 636 Pacific Electric Bldg., Los Angeles, for treatment of 25,000 6x8-in. x3-ft. fir ties as per S. P. Co. specifications covering crossties by the "Rueping Process." Ties will be delivered the successful bidder f. o. b. cars P. E. tracks, San Diego Harbor District. Further information obtainable from above office.

MISCELLANEOUS SUPPLIES

SALIDA, Stanislaus Co., Cal. Until Sept. 16, 1 p. m. bids will be rec. by M. L. Garber, clerk, Salida School Dist. to fur. and install one steel windmill and tower at school grounds. Further information obtainable from clerk, P. O. Box 129, Salida.

RESERVOIRS AND DAMS

VALLEJO, Solano Co., Cal.—Kaiser Paving Co., Bank of Savings Bldg., Oakland, submits low bid to city council to const. Gordon Valley dam in connection with municipal water system and will probably be awarded the contract.

The bids follow: (a) \$21,000; (b) \$6400; (c) \$10,200; (d) \$22,000; (e) \$33,000. A. Kempke, consulting engineer, Hobart 1446, San Francisco.

VALLEJO, Solano Co., Cal.—Kaiser Paving Co., First Bank of Savings Bldg. Oakland, at \$248,100 awarded cont. by council to const. Gordon Valley dam in connection with municipal water project.

PIPE LINES, WELLS, ETC.

LONG BEACH, Cal.—Bids recd. by city on 77,000 ft. 4-in. pipe for water dept. were: Will H. Muller, 6 and 8-in. \$52.75 ton; 30-in. \$53.50. Mark-Lally Co., 6-in., \$61.40; 8-in. \$62.15; 12-in. \$61.50; 20-in., \$62.40; 30-in. \$64.60. Natl. \$53.85. U. S. Cast Iron Pipe Co., 6-in., \$54.18; 8-in., \$54.12; 12-in., \$54.18; 20-in., \$53.69; 30-in., \$54.69. Amer. Cast Iron Pipe Co., 6, 8, and 12-in., \$56.20; 20 and 30-in., \$57.20. W. K. Thompson, 6 and 8-in., \$56; 12, 20 and 30-in., \$59.

SAN BERNARDINO, Cal.—Until 7:30 P. M. Sept. 16, bids will be rec. by City Water Comm. for 7500 6-in. c. i. pipe, 7500 ft. 4-in. c. i. pipes and 10,000 ft. 4-in. and 5000 ft. 2-in. merch. wrought steel screw pipe. Cert. check or bond 10%. John H. Osborn, city clerk.

MISCELLANEOUS CONSTRUCTION

VENICE, Cal.—City trustees order city atty. to report on procedure to be followed on \$1,000,000 issue for following purposes: outfall sewer; additional fire and police equip; civic auditorium; 2 comfort stations; new city hall; subways.

HUNTINGTON BEACH, Cal.—City trustees will call bond election about Oct. 15 to vote \$257,000 for following improvements: extension to wharf, \$100,000; street cleaning equip. \$12,000; sewer disposal plant, \$25,000; purchase and improve ocean frontage, \$75,000; establish parks, \$20,000; disposal of surface storm water, \$25,000.

REDONDO BEACH, Cal.—Election will be held Oct. 7, to vote on \$35,000 bond issue for purchasing incinerator.

WATER WORKS

SAN FRANCISCO—M. Greenberg and Sons, 765 Polson St., at \$93.76 each submitted low bid to City Purchasing Agent to furnish approx. 300 5-in. double fire hydrants with stand 3-in. outlets. Other bids: Union Machine Co. \$98 each; F. G. Dyer, \$98.50 each.

GARIBALDI, Ore.—Floyd W. Allen, consulting eng., Railway Exchange Bldg., Portland, preparing plans for water supply line and reservoir for city of Garibaldi; est. cost \$25,000. Reservoir of conc. construction with capacity of 200,000 gals.

ALAMEDA COUNTY, Calif.—Election will be held Nov. 4 to vote bonds to finance construction of proposed water system for East Bay Municipal Utility District. Arthur P. Davis, chief engineer and manager of the district, will submit report covering investigations and costs at a meeting of the Utility Board of Sept. 11. It is planned to supply nine east bay municipalities with water and possibly Stockton, Lodi and the Mare Island Navy Yard.

BAKERSFIELD, Kern Co., Cal.—Voters fail to authorize expenditure of \$100,000 to purchase privately owned water systems and construct extensions to same, 1204 for and 1203 against the issue.

SAN FRANCISCO—Constructing Quartermaster Fort Mason, preparing specifications to lay 6-in. water mains, leave present water mains in certain portions of Presidio.

NEWPORT BEACH, Calif.—City trustees will submit for vote in October a bond issue of approx. \$500,000 for addition to the water system.

MONROVIA, Cal.—C. W. Sirch, 126 W 3rd St., Los Angeles, submitted low bid at \$269 to council for filtering plant for swimming pool. Calif. Filter Co. bid \$5150.

PLAYGROUNDS AND PARKS

SANTA BARBARA, Cal.—Election will be called shortly to vote bonds of \$250,000 to finance purchase of lands for ocean front park improvements. Provision will also be made for a \$47,000 issue to finance transforming a bird refuge into a pleasure lake and playground.

VALLEJO, Solano Co., Cal.—Board of Education appropriates \$2000 to finance construction of two double tennis courts at Vallejo high school. Elmer L. Cave, city supt. of schools.

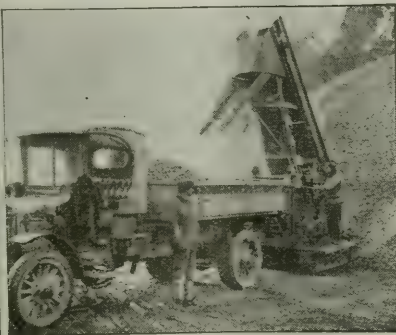
BERKELEY, Alameda Co., Cal.—City council contemplates bond election for \$500,000 to finance civic center improvements, parks and playgrounds and addition to city hall. John N. Edy is city manager.

SEWERS & STREET WORK

EUREKA, Humboldt Co., Cal.—City council orders spec. to pave J St., bet. 2nd and Harris Sts. Petitions seeking paving of Myrtle Ave., bet. 7th St. and city limits taken under advisement. Harry H. Hannah, city eng.

RIVERSIDE, Cal.—Until 9:30 a. m., Sept. 16, bids will be rec. by council for 12.65 mi. of macadam roadway in portions of Victoria, Van Buren, Duffern, Adams, Madison and Washington, involving 1,203,859 sq. ft. mac. paving, 400,956 sq. ft. shoulder, 1032 ft. 10-in. pipe, 3705 ft. 12-in. pipe, 1800 ft. 16-in. pipe, 523 ft. 18-in. pipe, 339 ft. 24-in. pipe, and 20 ft. 30-in. pipe; 1911 act. Cert. check or bond, 10%. C. B. Burns, city clerk.

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California Highway Commission

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LOS ANGELES, Cal.—Robt. Metcalf, 1345 S Flower St., submitted low bid at \$71,723.60 to bd. pub. wks. for Ave. 26 bridge across Arroyo Seco. Other bids: Chas. and Geo. K. Thompson \$78,100; W. M. Leebetter Co., \$81,500; Davis Heller Pearce Co., \$86,645; deWard & Sons, \$87,115; Mercereau Bridge & Construction Co., \$95,438.50; E. J. Gass, \$120,430. The bridge will be 206 ft. long with 100 ft. arch and 43 ft. approach span; 40 ft. roadway and 6 ft. walks; approx. 1990 cu. yds. A conc., 310 cu. yds. C conc. and 1200 cu. yds. D conc.

LOS ANGELES, Cal.—Leo Mileitch, 610 W 54th St. submitted low bid at \$8700 to bd. pub. wks. for 12-in. cem. sewer in Country Club Dr., bet. Longwood and Sycamore Aves.
S. Zarubica and B. P. Radich low at \$9230 for 8-in. vit. sewer in 65th St. bet. Vermont and Normandie Aves.

SAN RAFAEL, Marin Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by Eugene W. Smith, city clerk, to imp. Maple St., Lincoln Ave. and McCrea Ave. and McCrea Ave. for its entire length, involv. 4-in. asph. conc. pave; conc. curbs and gutters; 2 conc. and corr. iron culverts; 2 catchbasins; 6-in. ironstone sewers; 15-in. ironstone house sewers; 1 br. manhole. Bids previously rec'd for this work rejected. A. G. Ralsch bid \$9228 and Pacific States Const. Co., \$9836. Plans on file in office of clerk.

WOODLAND, Yolo Co., Cal.—Until Sept. 30, 10 a. m., bids will be rec. by H. R. Saunders, county clerk, to const. gravel shoulders on county highway from S. P. bridge in Washington via Third and Elizabeth Sts., and county road through Riverbank to Waldecks House in Reclamation District No. 785; designated as Prefix 6, Sec. A, B, C. Cert. check 10% payable to county req. Plans on file in office of clerk.

SAN FRANCISCO—L. J. Cohn, 110 Sutter St., at \$19,479.63 awarded cont. by Board of Public Works to const. rein. conc. sewer in Great Highway bet. Ortega and Rivera streets.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submitted low bid to bd. pub. wks. at approx. \$174,000 to imp. sts. in Mesa St. and 16th St. Impr. Dist. San Pedro, involv. grading, lump sum, \$18,000; 856 sq. ft. 5-in. conc. pav. 20-c; 2415 sq. ft. 2-in. bitum. pav. 10-c; 576,941 sq. ft. 5-in. Warrenite-bitul. pav. 21c; 61 sq. ft. curb 60c; 63,063 sq. ft. walk 19c; 26,781 sq. ft. gut. 23c; 17 sq. ft. storm dr. \$1000; san. sewer \$2500; 4646 ft. hse. conc. sewers \$1.35 ft.

GUSTINE, Merced Co., Cal.—Manuel Smith (Oakland Sewer Const. Co.), 1003 35th Ave., Oakland, at \$1294 awarded cont. by city trustees to const. 312 ft. 12-in. vit. sewer and 3 manholes. Other bids: Merced Conc. Pipe Co., \$1306; E. W. Redman, \$1500; E. Bowman, \$1550; Roy Krueger, \$1640; A. E. Downer, \$1753.

COLUSA, Colusa Co., Cal.—R. E. Danner, Colusa, at \$780 awarded cont. by city trustees to const. walks, curbs and gutters in Memorial Park. Trustees plan immediate graveling of walks in Foxtail park.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, awarded cont. by council to fur. 1000 yds. gravel at \$2 cu. yd.

SAN FRANCISCO—City Engineering Department completes spec. to imp. (where not already) Kirkham St., bet. 19th and 20th Aves., involv. 202.5 lin. ft. conc. curb; 5062 sq. ft. asph. conc. pavement.

Spec. completed to imp. Anza St., bet. 37th and 38th Aves. (where not already) involv. 132.5 lin. ft. conc. curb; 3313 sq. ft. asph. conc. pavement.

HAYWARD, Alameda Co., Cal.—Until Sept. 17, 8 p. m., bids will be rec. by M. B. Templeton, city clerk, to const. conc. storm water drain in alley bet. Simon St. and Sunset Blvd. Cert. check 10% payable to Town req. Plans on file in office of clerk.

SAN FRANCISCO, Cal.—City Engineering Department completes spec. to imp. Virginia Ave., bet. Mission and Coleridge Sts., involv. 284 lin. ft. conc. curb; resetting 85 lin. ft. granite curb; 240 lin. ft. 6-in. ironstone pipe sewer; 2 br. catchbasins; 79 lin. ft. 10-in. ironstone pipe culvert; 2338 sq. ft. art. stone walks; 16,114 sq. ft. asph. conc. pavement with wheel guard. Est. cost \$6800.

LOS ANGELES, Cal.—Bids rec. by bd. pub. wks. to imp. Ave. 55 bet. Babcock and Hub Sts., involv. grade and oil, conc. pav., curb, walk, gutter, cem. sewer, etc., were:

Cristich, Mandic & Cristich—\$25,425 grad; 15.5c conc. pav.; 6.25c oil and roll; 58c curb; 13c walk; 23c gutter; \$3200 storm dr.; \$4750 culv.; \$600 san. sew.; 8c remod.
S. M. Cummings—\$34,505.90 grad; 23c pav.; 6.5c oil and roll; 58c curb; 21.5c walk; 31.1c gutter; \$5503 storm dr.; \$5593.81 culv.; \$924.75 san. sew.; 14c remodeling.

A. R. Hindman—\$23,600 grad; 21.7c pav.; 5.85c oil and roll; 58c curb; 18.5c walk; 26.5c gutter; \$2050 storm drain; \$4750 culv.; \$550 san. sew.; 10c remod.

W. D. McCray—\$29,000 grad; 22c pav.; 6.5c oil and roll; 60c curb; 20c walk; 27c gutter; \$2800 storm dr.; \$4400 culv.; \$700 san. sew.; 10c remod.

O. U. Miracle—\$30,000 grad; 22c pav.; 6.7c oil and roll; 70c curb; 20c walk; 30c gutter; \$3000 storm dr.; \$5500 culv.; \$650 san. sew.; 10c remod.

C. W. Shafer—\$27,000 grad; 23.4c pav.; 6c oil and roll; 60c curb; 13c walk; 25.5c gutter; \$2749 storm dr.; \$5636 culv.; \$1200 san. sew.; 10c remod.

SALINAS, Monterey Co., Cal.—City council, M. R. Keef, clerk, declares inten. (No. 33) to imp. Willow St., bet. S-Main and California St., including crossing at Paljaro St., involv. 32,293 sq. ft. grading; 2189 lin. ft. conc. curb; 48,375 sq. ft. 5-in. cem. conc. pavement. 1911 Act and Bond Act 1915. Protests Sept. 22. Howard Cozens, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to improve 26th St., bet. Santa Clara and McKee Rd., involv. grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. conc. house lateral drains, 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

YREKA, Siskiyou Co., Cal.—G. E. Stebbins, Klamath Falls, Ore., at \$7306 awarded cont. by supervisors to const. change in Agar Thrall rd. Calvert and Schroeder, Grants Pass, Ore., bid \$7554.

A. Young, Yreka, at \$10,010 awarded cont. to const. change in Griffith Lane road bet. Etina and Fort Jones.

G. E. Stebbins, at \$4744 awarded contract to const. grade on Bogus to Agar Klamath Falls road.

EUREKA, Humboldt Co., Cal.—Until Sept. 17, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. 2000 ft. of new road around Kendall Gulch trestle bridge near Upper 33rd St. in Rd. Dist. No. 1. Cert. check 10% req. with bid. Plans obtainable from County Surveyor A. J. Logan.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 4th St., bet. Taylor and Rosa Sts., involv. grading; pave with 1½-in. Warrenite-bit. surface on 3-in. bituminous base; hyd. cem. conc. walks, curbs and gutters; 6-in. hyd. cem. conc. alley drive-ways; 2 hyd. cem. conc. basins with 17-in. cl. grating and frame; 8-in. vit. pipe drains; 2 hyd. cem. conc. storm water inlets; 8-in. hyd. cem. conc. sanitary sewer; 2 br. manholes, etc. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to improve 34th Ave., bet. San Fernando and Santa Clara Sts., involv. grading; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 30-in. double hyd. cem. conc. gutters in certain portions. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to improve St. John St., from 351 ft. w of 31st St. to 245.59 ft. e of 31st St., involv. grading; pave with 1½-in. Warrenite-bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curb, gutter and walks; 4-in. hyd. cem. conc. house lateral drains, 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

VENICE, Cal.—Sander Pearson, 3847 S Broadway, Los Angeles, submitted low bid to city trust at \$32,273 to imp. Pacific Ave. (Trolleyway) and portions of other sts., involv. 78,786 sq. ft. 7-in. asph. conc. pav., 3125 sq. ft. 5-in. asph. conc. pav., 650 ft. walk, \$2,571 sq. ft. grad., 6506 ft. 6x12x24 curb, 377 ft. heavy type curb, 5894 ft. remove walk, 1 culv., 5 m. b., 2 conc. steps. Other bids: J. D. Kneen \$34,340.83; Curtis Pav. Co., \$36,156.69; Braun, Bryant & Austin, \$41,572.14.

VALLEJO, Solano Co., Cal.—City council petitioned to pave Louisiana St. bet. Napa Rd. and Monterey St. Referred to City Eng. T. D. Kilkenny for report.

OAKLAND, Cal.—Until Sept. 18, 12 M. bids will be rec. by E. K. Sturges, city clerk, to const. sewers in Fruitvale Gardens Farms Tract, involv. 18,288 lin. ft. 8-in. vit. sewer; 46 manholes; 46 8-in. and 25 12-in. lampholes; 3 drop connections; 595 wye branches. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 22, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Upper Sacramento road from Lodi-Lockford road south, involv. 6530 cu. yds. grading; 8550 tons base course (rock or gravel); 2550 tons top course; 1180 tons screenings or pea gravel; 980 bbls. asphaltic oil. Plans obtainable from F. E. Quail, county surveyor.

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SUISUN, Solano Co., Cal.—Until Sept. 11, 8 p. m., bids will be rec. by A. N. Tramm, town clerk, to imp. Cordelia St., bet. Main St. and west city limits. Cert. check 10% req. with bid. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crumney, San Jose, awarded cont. by council to imp. 2nd St., bet. Taylor and Rose Sts., involv. grade and pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. walks, curbs, gutters, inlets; 8-in. vit. pipe drains. Crumney also awarded cont. to imp. Keyes St., bet. Senter rd. and bridge over Coyote river, involv. grade; pave with 2-in. asphalt conc. base; hyd. cem. conc. base; hyd. cem. conc. header walls and storm water inlet with 17-in. stand. c. l. grading and frame; 8-in. c. l. pipe drains.

SANTA BARBARA, Cal.—Jas. P. Donahue and A. A. Lemon sub let low bid to city at \$12,946 to remove and replace pavement and walks, and trench excav. for new 12-in. water mains in State St., bet. Sola and Gutierrez.

SANTA ANA, Cal.—Griffith Co., 602 L. A. Ry. Bldg., Los Angeles, submits low bid to supervisors at \$74,000 to pave 3 m. on Arrow highway, W 17th St., involv. 16,000 cu. yds. excav., 10,758 cu. yds. conc., 75 ft. 36-in. c. m. p., 90 ft. 18-in. c. m. p., 108 ft. 15-in. c. m. p., 180 ft. 12-in. c. m. p. Other bids: Basile Bros., \$82,000; T. W. Oglesby, \$87,750; B. R. Ford, \$88,000; J. D. Phillips, \$91,500; Kuhn Bros., \$91,560; Wells and Bressler, \$93,754; Ed Johnson & Son, \$93,800; H. H. Peterson, \$97,000; Geo. H. Oswald, \$100,000; Gibbons & Reed, \$103,000.

FRESNO, Fresno Co., Cal.—City council, H. S. Fervier, clerk, declares inten. (No. 13-D) to imp. Arthur and Adeline Aves., bet. Olive and Dennett Aves., involv. grading; const. conc. curbs, gutters, driveway approaches, sidewalks; corr. metal culverts; re-pave with 1½-in. asphalt conc. surface with liquid asphalt and rock screening surface coat. 1911 Act. Protests Sept. 13. Wm. Stranahan, city eng.

STOCKTON, San Joaquin Co., Cal.—Cy Moreing, 111 East Weber St., Stockton, at \$54,949 awarded cont. by city council to imp. Bonnie Lane and N-Commerce St., bet. Alpine and Fulton Aves., and Knolls and Pacific Ways and Euclid Ave., bet. Lower Sacramento Rd. and east boundary of Pacific Manor, involv. grading; const. comb. conc. curbs and gutters; conc. walks; re-pave with 4-in. cementing gravel base with 2-in. asphalt macadam surface; also portions of Lower Sacramento Rd., involv. grading; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. cementing gravel base, 2½-in. asphalt conc. base and 2-in. asphalt conc. wearing surface; portions of Fulton St., involv. grading; const. comb. concrete curbs and gutters; conc. walks; portions of Alpine Ave., involv. grading; const. comb. conc. curbs and gutters; conc. walks.

LOS ANGELES, Cal.—C. H. Johnson, 752½ N. Ridgewood Pl., submitted low bid to bid. pub. wks. at \$172,000 to const. Boyle Hts. storm drain No. 2. Other bids were: Chas. T. Salata, 5161 E Sixth St., \$172,220; United Concrete Pipe Co., \$185,000; Dalmatin & Guho, \$186,067; Fernel Barnett, \$187,476; Geo. W. Kemper, \$192,000; Thos. Harvey Co., \$197,097; D. A. Foley Co., \$199,611; C. E. Green, \$199,762; Hickey & Harmon, \$205,000; M. Simunovich, \$214,975; Chas. and Geo. K. Thompson, \$265,000. Work involves the foll. approx quantities: 3153 ft. 12-in., 1585 ft. 16-in., 2000 ft. 18-in., 1653 ft. 21-in., 32 ft. 8-in. cem. pipe; 1038 ft. 33-in., 2133 ft. 30-in., 516 ft. 45-in., 516 ft. 48-in., 39-in. and 529 ft. 24-in. reinf. conc. pipe; 2241 ft. 65-in. 3175 ft. 60-in., 1664 ft. 48-in., 330 ft. 54-in., 170 ft. 36in., 5 ft. 30-in., 390 ft. 24-in. and 184 ft. 12-in. conc. storm dr. 32 No. 61 No. 21, 56 No. 23, and 4 No. 24 catch basins; 34 type K, 18 type X, one type Z, 1 type B, 12 std. and 1 std. drop manhole; 17 manholes, frames and covers; 3 cover sets; 4 catch basin cover sets; 2 junction chambers; one lamphole; one conc. and wall; 100 ft. special monolithic conc. section; 60 ft. monolithic conc. sewer; 8-ft. 8-in. san. sew. embedded in reinf. conc. beam; incl. alterations and various curbs to be blocked airtight; 4165 sq. ft. gut.; 28 sq. ft. walk; 45,226 sq. ft. grade and oil; 39 ft. curb; 616 sq. ft. 5-in. conc. pav.; 752 sq. ft. 4-in. bitum. base pav.; resurf. of trenches, as foll. asphalt pav. on First St., Topeka on 4th St., rock and oil pav. on all other sts. and alleys. All pipe not particularly spec. to be cem. pipe.

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., 9th and N Sts., Modesto, awarded cont. by council to imp. Grant St., bet. McHenry and Johnson Sts., involv. grading, \$.05 sq. ft.; 2½-in. asphalt conc. base pavement with 1½-in. Warrenite-Bit surface, \$.17 sq. ft.; conc. gutters, \$.20; conc. curbs, \$.70; headers, \$.10; No. 200 Marshall electroliters, \$70 ea.; G. E. Novalex units form No. 12 with 250 c. globes, \$.36 ea.; 1-ft. galv. conduit, \$.25 lin. ft.; No. 8 B S lead covered copper cable, \$.165 lin. ft.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Auzerias Ave., bet. Bird and Hannan Sts., involv. grading; pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. curbs, gutters & walks; 2 conc. inlets; 8-in. vit. pipe drains; 2 br. catchbasins. 1911 Act and Bond Act 1915. Protests Sept. 15. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Washington St., bet. 4th and 10th sts., involv. grading; pave with 1½-in. Warrenite-Bit surface on 3-in. Bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; 1 conc. inlet; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests Sept. 15. Wm. Popp, city eng.

SAN FRANCISCO—Until Sept. 18, 11 a. m., bids will be rec. by Constructing Contractors' Fort Mason to level and top surface Crissy Field. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Union St., bet. First and Orchard sts., involv. grading; pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. walks, curbs, gutters and 2 storm water inlets; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Sept. 15. Wm. Popp, city eng.

WOODLAND, Yolo Co., Cal.—Daniel Contracting Co., 503 Market St., San Francisco, at \$3.50 yd. submits low bid to supervisors to furn. 6000 yds. rock to county bunker, Blake Bros., San Francisco, only other bidders at \$3.60. Under advisement.

S. J. Chesson, Yuba City, at \$.65 yd. low bidder to spread rock on Highway Prefix 7, Section E, L. O. Garden, Sacramento, only other bidder at \$.75. Under advisement.

MARYSVILLE, Yuba Co., Calif.—Heafey-Moore-McNair, 2030 High St., Oakland, at \$79.512 awarded cont. by supervisors to pave with conc. five sections of Feather River Blvd.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 37th St., bet. Santa Clara and St. John Sts., involv. grading; pave with 2-in. Warrenite-Bit surface on 3½-in. bitum. concrete base; hyd. cem. conc. walks, curbs and gutters. 1911 Act & Bond Act 1915. Protests Sept. 22. Wm. Popp, city eng.

VALLEJO, Solano Co., Cal.—City council, Alf. E. Edgecumbe, clerk, declares inten. (No. 83) to imp. portions of Ohio St., involv. grading; const. comb. curbs and gutters; walks; pave with 4-in. conc. base and asphalt conc. (Topeka mix) 1½-in. surface; 4-in. lateral sewers; 1 lamphole. 1911 Act and Bond Act 1915. Protests Sept. 16. T. D. Kilkenny, city eng.

SAN PABLO, Contra Costa Co., Cal.—Bids will be asked about Sept. 16 by trustees of San Pablo Sanitary District to const. Alvarado St. lateral, involv. 32,628 lin. ft. 8-in. and 890 ft. 8-in. vit. pipe; 69 manholes & 23 lampholes; 100 ft. 6-in. and 70 ft. 8-in. wye branches; 300 624-in. and 10 824-in. wye branches. Ross L. Calfee, 321 So. 22nd St., Richmond, engineer for dist.

GLENDALE, Cal.—City council approves spec. as prepared by Engrs. Burns & McDonnell, for Glendale-San Fernando valley intercepting sewer, involv. \$130 ft. 27-in. pipe, 1550 ft. 45-in., 3250 ft. 48-in. and 10,486 ft. 54-in., 3326 ft. by-pass sewer may be built in addition to main sewer. Call for bids will follow within 10 days on Sept. 11. One of requirements will be statement of bidder's experience.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submits low bid to bid. pub. wks. at approx. \$174,000 for imp. sts. in Mesa St. and 16th St. Imp. Dist. San Pedro, involv. grading, lump sum, \$18,000; 9556 sq. ft. 5-in. conc. pav. 206 ft. 8-in. vit. 5-in. bitum. pav. 106 ft.; 576,941 sq. ft. 2-in. Warrenite-Bit paving, 21c ft.; 8230 ft. curb 60c ft.; 63,063 sq. ft. walk 15c ft.; 26,781 sq. ft. gut. 23c ft.; storm dr. at \$1000; san. sewer at \$2500; 4646 ft. hse. conc. sewers \$1.35 ft.

SAN MATEO, San Mateo Co., Cal.—C. J. Lindgren, Burlingame, at \$5038 awarded cont. by city council to imp. 3rd Ave., bet. El Camino Real and A St., and El Camino Real and A St., involv. removal of present and const. new curb and gutter; pave with 1½-in. asphalt wearing surface on 1½-in. hsd. conc. cem. base; 4-in. vit. lateral sewers; const. catchbasins; extend 10-in. pipe storm drain. Other bids: Downer and Mero, \$6188; A. J. Raisch, \$9707.

SANTA ANA, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, at \$32,300 submits low bid to supervisors to pave 1.5 m. on Cedar St. Other bids: Steele Finley, \$35,500; L. A. Paving Co., \$33,999.

Steele Finley, Santa Ana, only bidder at \$10.115 to grade and pave portion Grand Ave. and const. reinf. conc. bridge.

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The Mercury Press

818 Mission Street

San Francisco

HAYWARD, Alameda Co., Cal.—Town Trustees, M. B. Templeton, clerk, declare inten. (No. 508) to const. sanitary sewer system in portions of Atherton, Dean, D. Soto and Grand Sts., etc., consisting of 6", 8" and 4-in. vit. sewers; 8-in. c. i. pipe, wye branches; br. manholes, etc. 1911 Act and Bond Act 1915. Protests Sept. 22.

HUNTINGTON PARK, Cal.—Until 8 p. m., Sept. 22, bids will be rec. by city trustees to imp. Belgrave Ave., bet. Pacific Blvd. and Regent St., involving 2820 cu. yds. excav., 103,093 sq. ft. 5-in. asph. conc. pav., 9718 sq. ft. 6-in. cem. conc. gutter, 1536 sq. ft. 8-in. cem. conc. gutter, 63 lin. ft. cem. conc. curb, 233 sq. ft. cem. conc. walk. Plans and spec. on file with Paul E. Kressly, city engr., 732 N. W. Hellman Bldg. L. A. Cert. check or bond 10%. H. H. Hunter, city clerk.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, submitted only bid to city trustees to imp. Orange Willow and other sts. as follows: 17,860 ft. curb, 50c; 36,330 ft. walk, 15c; 270 ft. gutter, 15c; 263,500 sq. ft. grad., 15c; 263,500 sq. ft. 5-in. conc. pav., 16c; 1836 sq. ft. 8-in. cem. pipe sew., \$1; 3501 ft. 6-in. hse. sew., 95c; 28 m. h. and junct. cham., \$100 ea; 7 ft. l. h., \$175; 2630 sq. ft. 4-in. mach. banded wood stave pipe, \$1; 2321 ft. 4-in. c. i. water pipe, \$1.32; 2436 sq. ft. 2-in. galv. pipe, \$1.20; 3471 ft. 3/4-in. galv. serv. pipe, \$1.20.

SAN ANSELMO, Marin Co., Cal.—Town Eng. J. J. Jessup completes spec. to imp. Greenfield Ave., involv. 3500 cu. yds. excavation; 91,000 sq. ft. grading surface; 5900 lin. ft. conc. curb and gutter; 50 lin. ft. 16-in. corr. pipe culvert; 6 catchbasins; 91,000 sq. ft. asphaltic conc. pavement; 400 cu. ft. conc. in headwalls and culvert junction. Bids will be asked about Oct. 1.

SAN MATEO, San Mateo Co., Cal.—C. J. Lindgren, Burlingame, at \$10,903 awarded cont. by city council to imp. Crystal Springs Rd. and El Camino Real, involv. 29,000 sq. ft. hyd. cem. pavement, 7 to 9-in. thick; 900 cu. yds. excavation; 2000 sq. ft. conc. walks; 800 lin. ft. curb; 6 catchbasins; 300 lin. ft. 4-in. sewer laterals; 800 lin. ft. 10-in. corr. pipe; 12-in. and 18-in. vit. pipe storm drain. Other bids were: G. S. Whitehead, \$11,087; Downer & Mero, \$11,218; F. C. McIntyre, \$12,054.

SANTA ANA, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded cont. by Orange Co. bd. super. at \$74,000 to pave 5 mi. on Arrow Highway (W 17th St.)

SAN FERNANDO, Cal.—Until 7:30 p. m., Sept. 22, bids will be rec. by council to imp. 7th St., bet. MacLay Ave. and n.w. bound. of city, and Hagar St., bet. 6th and Lucas Sts., involv. grad. pav., walk, and curb. I. A. Swartout, city clerk.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by A. L. Banks, city clerk, to const. storm water sewers in portions of Walnut St., Wood Lane, etc., involv. 372 lin. ft. 16-in., 615 lin. ft. 12-in., and 1164 lin. ft. 8-in. conc. or vit. pipe; 6 manholes; 8 catchbasins. Plans on file in office of clerk. W. B. Hogan, city eng.

LOS ANGELES, Cal.—Cristich, Mandic & Cristich, Douglas Bldg., awarded cont. at \$131,303.61 by bd. pub. wks. to imp. Ave. 56 bet. Raber and Hub Streets.

SAN ANSELMO, Marin Co., Cal.—Town Eng. J. J. Jessup completes spec. to const. sewers in Carrigan Tract, involv. 854 lin. ft. 6-in. sewer; 96 lin. ft. 6-in. well casing; 200 cu. ft. conc. in foundations; 5300 ft. B.M. lumber in bulkhead; 4 manholes; 3 lampholes; 5 wye branches.

WATTS, Cal.—Until 8 p. m., Sept. 16, bids will be rec. by city trustees to improve Morton Ave., bet. Villa Ave. and w. bound. line of city, involv. conc. pav., grade, curb, and walks. Sarah A. Smith city clerk.

TULARE, Tulare Co., Cal.—City Eng. J. P. Williams completes spec. to imp. M. St., bet. Sonora and Pine Sts.; K St., bet. Pine and Bush and Bush St., bet. J. and K Sts., involv. 200,000 sq. ft. white pavement; 20,000 sq. ft. walks; 7000 lin. ft. curb and gutter; 1000 lin. ft. 8-in. storm sewer, catchbasins, manholes, etc.

VENICE, Cal.—Until 8 p. m., Sept. 16, bids will be rec. by city trustees to imp. Indiana Ct., involv. grad. pav., conc. conc. and altering manhole; res. No. 1738. T. H. Hanna, City clerk.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares inten. (No. 746) to imp. portions of Harrison, Clay, Jackson, Worth, Jefferson and Anderson Sts., involv. 3082 cu. yds. cut; 2339 cu. yds. fill; 5670 lin. ft. curb and gutter; 28,360 sq. ft. conc. walks; 98,916 sq. ft. asph. macadam pavement. 1911 Act and Bond Act 1915. Protests Sept. 22. W. B. Hogan, city engineer.

NATIONAL CITY, Cal.—Until 8 p. m., Sept. 16, bids will be rec. by city trustees to pave por. of 18th St., bet. P and Granger Aves., involv. bitum. macad. pav. and other incidental items. O. A. Mullen, city clerk.

PHOENIX, Ariz.—State Engr. W. C. Lefebvre announces state highway department and the super. of Pinal co. have agreed to start work immediately on a 19-mile section of the Chandler-Casa Grande highway, connecting the Salt river and Casa Grande valleys, this section to be adjacent to the Gila river at the Sacaton diversion dam. Est. \$50,000.

STOCKTON, San Joaquin Co., Cal.—County Surveyor F. E. Quail instructed to prepare plans to imp. Urgon road for distance of 1 mile.

SANTA BARBARA, Cal.—Until 5 p. m., Sept. 18, bids will be rec. by council to imp. Alameda Padre Serra, bet. Moreno Rd. and Camino Rey Alberto, and por. of other sts., involv. 5-in. conc. pav., cem. curb, conc. driveways, rubble walls, 6-in. and 8-in. vit. sew., 4-in. hse. conn., catch basins, cem. storm dr., 1911 act. Geo. D. Morrison, city engr. S. B. Taggart, city clerk.

OAKLAND, Cal.—Bids rec. by city council to imp. E-12th St. involv. 8300 cu. yds. excavation and grading; 200 cu. yds. ditch excavation; 20 cu. yds. conc. in culverts, etc.; 300 lin. ft. 8x29-in. corr. iron culvert; 2 catchbasins; 7600 ft. curb and gutter; 257,000 sq. ft. 5-in. conc. base, 1-2-4 mix; 257,000 sq. ft. 6-in. conc. base, 1-2-4 mix; 7,000 sq. ft. 1 1/2-in. Warrenite surface; 257,000 sq. ft. 2-in. Warrenite surface, (a) total bid for 5-in. base with 1 1/2-in. surface; (b) total bid for 6-in. base with 2-in. surface; (c) Bates and Borland, (a) \$91,991; (b) \$98,796.

Warren Const. Co., (a) \$93,109; (b) \$100,361.

Hutchinson Co., (a) \$106,750; (b) \$112,840.

Heafey Moore & McNair, (a) \$107,579; (b) \$114,136.

Oakland Paving Co., (a) \$109,366; (b) \$115,266.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 22, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to const. conc. walks and curbs in Argonne Dr., bet. Pershing Ave. and Chateau Thierry Dr. Cert. check 10%, payable to City Auditor req. W. B. Hogan, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, A. L. Evans, clerk, declares inten. (No. 328) to const. 3 br. manholes, 354 lin. ft. 6-in. vit. sewer pipe and 39 6x4-in. wye branches in portions of Leona St. and Knower Ave. 1911 Act. Protests Sept. 25. H. S. Williams, city eng.

RIPON, San Joaquin Co., Cal.—Ripon Sanitary District was organized at recent election. Estimates of cost to construct a sewer system will be made at once following which elections will be submitted to vote bonds to finance the work.

BUSINESS OPPORTUNITIES

(Continued from Page 18)

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the index Number of each opportunity.

D-1357—Worcester, Mass. Manufacturing concern desires one or more agents to handle line of radio, electrical and hardware supplies.

D-1358—Minneapolis, Minn. Manufacturers would like to get in touch with firms or individuals to handle their domestic oil burning equipment.

D-1359—Long Beach, Cal. Individual desires to act as eastern manufacturers' representative in San Francisco or vicinity. Can furnish references.

D-1361—Lincoln, Neb. Oil burning equipment corporation desires communicate with oil burner companies or plumbing and heating firms to act as their representatives.

8548—Amsterdam, Holland. Established Dutch firm exporting coke desires to quote prices to San Francisco coke importers.

8549—Stockholm, Sweden. Swedish firm exporting cement, box boards, Swedish lamp black, turpentine oil, resin, wood tar, wood wool, wood meal, ready-made doors and windows, furniture, etc., wishes to get in connection with prospective buyers in San Francisco.

8552—Munich, Germany. German firm offers handworked objects in brass, iron, wood, and ceramics, such as smoking tables, tea kettles, coffee machines, chandeliers, ash-trays, etc. Will give quotations on application.

8556—New York, N. Y. Gentleman with five years experience in Europe, knowledge of French language and French business methods, wishes to become the representative of American firms trading with Europe.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

3759	Brown	Owner	4250
3760	Carlson	Owner	4000
3761	Gallia	Owner	1500
3762	Mayer	Owner	3000
3763	Magill	Owner	6000
3764	Lang	Owner	7000
3765	Ladira	Owner	8000
3766	Scharff	Jessiman	4000
3767	Gallagher	Knabenshuh	3000
3768	Reith	Meyer	3000
3769	Union	Barrett	4000
3770	Pacific	Owner	1000
3771	Borden	Owner	1500
3772	Harrison	Schwerdt	1300
3773	Hall	Hamill	20000
3774	Maass	Adler	13750
3775	Pacific	O'Mara	162341
3776	Pacific	Coleman	87387
3777	Pacific	Butte	148322
3778	Homestead	Owner	3000
3779	Ahl	Owner	5200
3780	Lindeman	Owner	4500
3781	Johnson	Hermanson	3000
3782	Heyman	McDonough	1250
3783	De Palma	Owner	4000
3784	Bottarini	Furri	3500
3785	Forni	Owner	2500
3786	Sculco	Owner	1750
3787	Paul	Kelly	3000
3788	Correira	Romines	5800
3789	Pfeifer	Owner	3000
3790	Carlson	Owner	8000
3791	Pacific	Moore	8000
3792	Smith	Owner	18000
3793	Hawkins	Owner	3000
3794	Willet	Merritt	5000
3795	Hebrew	Sommer	1700
3796	Gartland	Emet	6400
3797	Denike	Reuch	6400
3798	Paladini	Vukicevich	6000
3799	Meyer	Owner	6000
3800	Stoneson	Owner	4000
3801	Cobby	Owner	9000
3802	Stoneson	Owner	4000
3803	Silva	Meyer	4000
3804	Steinauer	Owner	7000
3805	Mazzria	Lindsay	4800
3806	Fappino	Lindsay	3250
3807	Nast	Owner	20000
3808	Steinauer	Owner	7000

3809	Sullivan	Owner	6000
3810	Murphy	Stoneson	14250
3811	Wardell	Kemp	1500
3812	Meikle	Hausman	2750
3813	Henry	Kronmuck	8000
3814	Leutich	Fraccia	3000
3815	Standard	Miller	1800
3816	McFarland	Owner	3000
3817	McGarry	Federal	1000
3818	Warfield	Filippis	1500
3819	Celle	Robinson	3500
3820	Mathews	Rench	4500
3821	Veyhle	Owner	1800
3822	Pacific	Owner	12000
3823	Hamill on	Owner	2000
3824	Erickson	Owner	1900
3825	Dowling	Hamill	1900
3826	Leighton	Ludwig	1000
3827	Sonick	Thulin	1000
3828	Moore	Admott	2700
3829	Herschfelder	Vukicevich	6873
3830	Werner	Esoswall	11147
3831	Archie	Negel	2900
3832	Sharp	Owner	4000
3833	Joseph	Disston	5000
3834	Grant	Disston	2000
3835	Faber	Owner	1800
3836	Strauss	Meyer	3000
3837	Morris	Rednall	13300
3838	McDonnell	Owner	4000
3839	Caporro	Ulrich	2300
3840	Anderson	Owner	15000
3841	Wankowski	Gray	4900
3842	Boin	Er'elson	6000
3843	Peters	Owner	4000
3844	Dowling	Parker	7994
3845	Forrest	Stevenson	12000
3846	Reilly	Ohlson	5475
3847	Morris	Robinson	5150
3848	Lapachet	Terkeyden	2800
3849	Kennedy		
3850	Faliano		
3851	Matthews		
3852	Roman		

DWELLING
(3759) E TWENTY-NINTH AVE. 250
S Taraval 1-story and basement
frame dwelling.
Owner—C. M. Brown, 639 4th Ave., San
Francisco.
Designer—R. M. Brown, 639 4th Ave.,
San Francisco. \$4250

DWELLING
(3760) N FLOOD AVE. 175 W Gene-
see. 1-story and basement frame
dwelling.

Owner—Carlson and Hjelm, 180 Jessie
St., San Francisco.
Architect—None. \$4000

FLATS
(3761) E FORTY-EIGHTH AVE. 162-6
N Moraga. 2-story frame (2) flats.
Owner—E. Gallia, 1676 48th Ave., San
Francisco.
Architect—None. \$1800

DWELLING
(3762) W FAXON AVE 187-6 S Graf-
ton. 1-story and basement frame
dwelling.
Owner—Meyer Bros., 1 Montgomery St.,
San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F. \$3000

FLATS
(3763) S BALBOA 82-6 W 21st Ave.
Two-story and basement frame (2)
flats.
Owner—C. T. Magill, 185 19th Ave.,
San Francisco.
Architect—None. \$6000

DWELLINGS
(3764) N IDORA 122 E Garcia. Two
(3764) 1-story and basement frame dwlg
Owner—Lang Realty Co., 219 First
Nat'l Bank Bldg., S. F.
Architect — Harry Stoner, 219 First
Nat'l Bank Bldg., S. F. \$3500 each

DWELLINGS
(3765) N CRESCENT AVE. 175 200
W Andover. Two 1-story and
basement frame dwellings.
Owner—E. Ladira, 23 Richland Ave.,
San Francisco.
Architect—None. \$4000 each

DWELLING
(3766) W TWELFTH AVE. 125 S
Lawton. 1-story and basement
frame dwelling.
Owner—I. C. Scharff, Pacific Bldg.,
San Francisco.
Architect—None.
Contractor—J. W. Jessiman, 230 7th
Ave., San Francisco. \$4000

DWELLING
(3767) N SANTA ROSA 425 W Mission.
Two-story and basement frame
dwelling.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—Martin F. Gallagher, 1499 Sanchez St., San Francisco.

Architect—None.
Contractor—Geo. C. Knabenshuh, 97 Holloway Ave., S. F. \$3000

DWELLING

(3768) E FORTY-SECOND AVE. 100 S Cabrillo, 1-story and basement frame dwelling.
Owner—A. H. Reith, care contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000

TANK TOWER

(3769) 741 HARRISON ST. Erect tank tower.
Owner—Union Lithograph Co. 741 Harrison St., San Francisco.
Architect—Leland Rosener, Insurance Exchange Bldg., San Francisco.
Contractor—Barrett and Hilp, 918 Harrison St., S. F. \$4000

PLATFORM

(3770) 62 TOWNSEND ST (rear). Construct oil tank platform.
Owner—Pacific Vegetable Oil Co., premises.
Architect—None. \$1000

BURNERS

(3771) 685 GEARY ST. Install oil burners.
Owner—T. L. Borden, 685 Geary St., San Francisco.
Architect—None. \$1500

ALTERATIONS

(3772) N CLEMENT 30 W 7th Ave. Enlarge show windows; stucco front.
Owner—O. B. Harrison, Merchants Exchange Bldg., S. F.
Architect—Philip Schwerdt, 2920 Jackson St., S. F.
Contractor—Philip Schwerdt, 2020 Jackson St., S. F. \$1800

BUNGALOWS

(3773) W FORTY-THIRD AVE 100 S Balboa S 100x120. All work for four one-story frame bungalows.
Owner—Robert G. Hall, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.
Filed Sept. 4, '24. Dated Aug. 7, '24.
Roof boards on \$5000
Brown coated 5000
Completed and accepted 5000
Usual 35 days 5000
TOTAL COST, \$20,000.
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

APARTMENTS

(3774) E TWENTY-FIRST AVE 300 S California 25x120. All work for two-story and basement frame apartment building.
Owner—Mary E. Maass, 250 21st Ave., San Francisco.
Architect—None.
Contractor—Klaus Adler, 2210 Balboa St., San Francisco.
Filed Sept. 4, '24. Dated Sept. 4, '24.
Roof on \$3500
Brown coated 3500
Completed and accepted 3500
Usual 35 days 3200
TOTAL COST, \$13,750.
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

HEATING, ETC.

(3775) NO. 140 NEW MONTGOMERY. All work for heating and ventilating and boilers, etc., for office building.
Owner—The Pacific Telephone & Telegraph Co.
Architect—J. R. Miller, T. L. Pfeuger and A. A. Cantin, Foxcroft Bldg., San Francisco.
Contractor—J. E. O'Mara Co., 218 Clara St., San Francisco.
Filed Sept. 4, '24. Dated Aug. 27, '24.
On list of each month 75%
36 days after 25%
TOTAL COST, \$162,841.
Bond, \$162,841. Surety, Continental Casualty Co. Limit, forfeit, none. Plans and specifications filed.

(3776) PLUMBING ON ABOVE.

Contractor—Alexander Coleman, 706 Ellis St., San Francisco.
Filed Sept. 4, '24. Dated Aug. 27, '24.
Payments same as above
TOTAL COST, \$87,987

Bond, \$87,987. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

(3777) ELECTRICAL WORK ON above.
Contractor—Butte Electrical Equipment Co., 530 Folsom St., S. F.
Filed Sept. 4, '24. Dated Aug. 25, '24.
Payments same as above
TOTAL COST, \$148,822.

Bond, \$148,822. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

DWELLING

(3778) NE FLOURNOY 137-6 SE Ryan 1-story and basement frame dwlg.
Owner—Homestead Realty Co., 704 Market St., S. F.
Plans by owner. \$3000

DWELLING

(3779) E TWENTY-SEVENTH AVE. 225 N Lake. 1-story and basement frame dwelling.
Owner—G. E. Ahl, 2127 Market St., San Francisco.
Architect—None. \$5200

DWELLING

(3780) W THIRTY-EIGHTH AVENUE 220-9 S Anza. 1-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave. S. F.
Architect—None. \$4500

DWELLING

(3781) E BONVIEW 121-6 N Cortland. 1-story and basement frame dwelling.
Owner—B. Johnson, 227-A Collingwood St., San Francisco.
Architect—None.
Contractor—A. Hermanson, 4153 25th St., San Francisco. \$3000

DWELLING

(3782) NW GUTTENBERG & BURNHAM. 1-story frame dwelling.
Owner—Oscar Heyman, 742 Market St. S. F.
Architect—None.
Contractor—W. E. McDonough, 225 Powell St., S. F. \$1250

FLATS

(3783) S JOHN 60 W Powell. 2-story and basement frame (2) flats.
Owner—Vincent De Palma, 34 John St. S. F.
Engineer—A. G. Griewank, 146 McAllister St., S. F. \$4000

DWELLING

(3784) S HOLLISTER 139-6 E 3rd. 1-story and basement frame dwelling.
Owner—Robert Bottarini, 1644-A Filbert St., S. F.
Architect—None.
Contractor—Caesar Furri, 119 Brighton Ave., S. F. \$3500

DWELLING

(3785) W BANKS 75 NW Cortland Ave. 1-story and basement frame dwelling.
Owner—E. Forni, 432 Prentiss Street, S. F.
Architect—None. \$2500

DWELLING

(3786) W BANKS 100 N Eugenia. 1-story and basement frame dwelling.
Owner—Athen Sulco, 3960 Folsom St., S. F.
Architect—None. \$1750

DWELLING

(3787) W TWENTIETH AVE. 175 N Rivera. 1-story and basement frame dwelling.
Owner—Geo. S. Fall, 28 Baker St., S. F.
Architect—None.
Contractor—Robt. P. Kelly, 1284 19th Ave., S. F. \$3000

STORE, FLAT

(3788) W THIRD 53-2 N Onesada Ave. 2-story frame store and flat.
Owner—Veriss J. and Clara J. Correia, Architects—S. H. Hansen.
Contractor—W. P. Romines. \$5800

DWELLING

(3789) N PRAGUE 100 E Cordova. 1-story and basement frame dwlg.
Owner—Williams & Pfeifer, 940 Geneva Ave., S. F.
Architect—None. \$3000

FLATS

(3790) N FULTON 93-6 E 2ND AVE. Two-story and basement frame (3) flats.
Owner—P. S. Carlson, 1456 Willard St., S. F.
Architect—None. \$8000

ALTERATIONS

(3791) W MEACHAM 100 S Post. Replace steel stack for steam heating plant.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—C. Chas. C. Moore & Co., Sheldon Bldg., S. F. \$8000

FLATS

(3792) SW TWENTY-SEVENTH AVE. and San Jose Ave., S 27th St. 45 W San Jose Ave. Two 2-story and basement frame flats, 2 flats in each building.
Owner—Calvin Sutcliffe, 195 Duncan St., S. F.
Architect—None. \$5000 each.

DWELLING

(3793) S VASQUEZ 140 E Laguna Honda Blvd. 1-story and basement frame dwelling.
Owner—Hawkins Improvement Co., Mills Bldg., S. F.
Architect—O. R. Thayer, 110 Sutter St., S. F. \$3000

GARAGE

(3794) 3010 PINE STREET. All work for garage in basement of bldg.
Owner—E. and M. A. Willet, 3010 Pine St., S. F.
Architect—None.
Contractor—Geo. M. Merritt, 3014 Geary St., S. F.
Filed Sept. 5, 1924. Dated July 24, 1924.
\$250 to be paid on this date, balance on completion. TOTAL COST, \$500

Bond, sureties, forfeit, limit, none. Plans and specifications not filed.

CEMENT WORK

(3795) MISSION AND SILVER. All work for white cement stairs, platforms and buttresses for Hebrew Home.
Owner—Hebrew Home for Aged, Disabled.
Architect—Samuel L. Hyman, 68 Post St., S. F.
Contractor—I. M. Sommer & Co., 901 Bryant St., S. F.
Filed Sept. 5, 1924. Dated Sept. 3, 1924.
Payments on certificates of architects as work progresses. TOTAL COST, \$5506

Bond, sureties, forfeit, limit, none. Plans and specifications filed.

FLATS

(3796) E GUERRERO 66-6 N 21ST ST. All work for 2-story and basement frame bldg., 4 flats.
Owner—Mrs. Mary Gartland, 21st and Guerrero Sts., S. F.
Architect—None.
Contractor—John J. Binet, 336 Church St., S. F.
Filed Sept. 5, 1924. Dated Sept. 3, 1924.
Frame up and ready for \$448.75
rustic 448.75
Brown coated 4187.50
Completed 4187.50
Usual 35 days 4187.50
TOTAL COST, \$17,001.25
Bond, \$8375. Sureties, Fidelity & Deposit Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING

(3797) SE ARMY AND HARRISON E 25 x S 100. All work for 1-story and basement frame dwelling.
Owner—Fred Denike, 2624 Bryant St., S. F.
Architect—None.
Contractor—M. C. Rench, 1301 4th Ave., S. F.
Filed Sept. 5, 1924. Dated Sept. 4, 1924.
Frame up \$1600
Brown coated 1600
Completed and accepted 1600
Usual 35 days 1600
TOTAL COST, \$6400

Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

PLATING WORKS

(3798) S HOWARD 803 W Seventh. Two-story reinforced concrete plating works.
Owner—Henrietta Sharp Paladini, 622 Flatiron Bldg., San Francisco.

Architect—Dodge & Riedy, Pacific Bldg., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco. \$6000

DWELLINGS
(32599) W AVILLA 175 and 200 N Chestnut. Two one-story and basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$3000 each

DWELLING
(32800) S ATHENS 146 W Rolph. One-story and basement frame dwelling.
Owner—Henry Stoneson, 3106 Market St., San Francisco.
Architect—None. \$4000

FLATS
(38011) E BELVEDERE 181 N 17th. Two-story and basement frame (2) flats.
Owner—J. W. Cobby, 290 Tehama St., San Francisco.
Architect—None. \$3000

DWELLING
(3802) S ATHENS 110 W Rolph. One-story and basement frame dwlg.
Owner—Henry Stoneson, 3106 Market St., San Francisco.
Architect—None. \$1000

DWELLING
(38063) E THIRTY-NINTH AVE 75 S Cabrillo. One-story and basement frame dwelling.
Owner—M. Sullivan, Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$4000

FLATS
(38094) W DIVISADERO 87-6 S Chestnut. Two-story and basement frame (2) flats.
Owner—S. Steinauer, 109 Cornwall St., San Francisco.
Architect—None. \$7000

DWELLING
(38065) N DOLPH 128 E Naples. One-story and basement frame dwlg.
Owner—Louis Mazzria.
Architect—None.
Contractor—Lindsay Constr. Co., 271 Winchester St., S. F. \$4800

DWELLING
(38066) N SILVER 320 W Crant. One-story and basement frame dwlg.
Owner—Mario Pappino, 51 Silver Ave., San Francisco.
Architect—None.
Contractor—Lindsay Constr. Co., 271 Winchester St., S. F. \$3250

APARTMENTS
(38072) S TWENTIETH 55 E Dolores. Two-story and basement frame (17) apartments.
Owner—Dr. J. E. Nast, 825 Monadnock Bldg., San Francisco.
Architect—N. J. Hladik, Monadnock Bldg., San Francisco. \$20,000

FLATS
(38088) W DIVISADERO 112-6 S Chestnut. Two-story and basement frame (2) flats.
Owner—S. Steinauer, 109 Cornwall St., San Francisco.
Architect—None. \$7000

DWELLINGS
(3809) E FAXON AVE 50 and 75 N Holloway. Two one-story and basement frame dwellings.
Owner—Thos. J. Sullivan, 254 Jules Ave., San Francisco.
Architect—None. \$3000 each

APARTMENTS
(38101) N CARL 150-4 E Stanvan E 24-10xN 137-6. All work for two-story and basement frame apartments.
Owner—Marie L. Murphy.
Architect—None.
Contractor—E. L. Stoneson, 2329 Sacramento St., San Francisco.
Filed Sept. 6, '24. Dated Sept. 22, '24.
2nd floor joists on \$3450
Roof on 2700
Brown coated 2700
Usual 35 days 2700
TOTAL COST, \$13,250
Bond, \$7125. Sureties, Chas. Morson & S. L. Forsyth. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(38111) LOCATION NOT GIVEN. All work for one-story and basement frame dwelling.
Owner—Josephine Wardell, 24 Virginia Ave., San Francisco.
Architect—None.
Contractor—Arthur H. Kempthorne, 1650 48th Ave., San Francisco.
Filed Sept. 6, '24. Dated
Frame up \$750
Plastering completed 750
Completion of contract 500
15 days after completion 1500
TOTAL COST, \$3500
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

ADDITION
(3812) NE CARRILLO AND THIRTY-EIGHTH AVE. Two-room addition to dwelling.
Owner—Carl Merkle, Premises.
Architect—None.
Contractor—Chas. Haggans, 2685 Carrillo St., S. F. \$1500

RETAINING WALL
(3813) S CHESTNUT 100 E Hyde. Construct concrete retaining wall.
Owner—Carl A. Henry, 405 Sansome St., San Francisco.
Architect—Ward & Blohme, 451 California St., San Francisco.
Contractor—Kronnick Bros., 1659 O'Farrell St., S. F. \$2750

ADDITION
(3814) NO. 2347 MARKET. Raise flats 14 ft. and make addition for store and sun porch.
Owner—John Leutich, 2353 Bush St., San Francisco.
Architect—Theo. W. Lenzen, 785 Market St., San Francisco.
Contractor—Frachia & Rosina, 36 Cunningham Place, S. F. \$8000

DWELLING
(3815) E SEVENTEENTH AVE 150 N Judah. One-story and basement frame dwelling.
Owner—Standard Building Co., 164 Otsego Ave., San Francisco.
Designer—J. W. Miller.
Contractor—J. W. Miller, 3324-A 16th St., San Francisco. \$3000

FLATS
(3816) W TWENTY-FIFTH AVE 180 N Lake. Two-story and basement frame (2) flats.
Owner—Miss Elizabeth McFarland, 175 25th Ave., San Francisco.
Architect—Harry Osburn, Hearst Bldg., San Francisco.
Contractor—E. B. Wilson, 2530 28th Ave., San Francisco. \$4800

DWELLING
(3817) W THIRTY-SECOND AVE 325 S Judah. One-story and basement frame dwelling.
Owner—John McGarry, 478 Hoffman Ave., San Francisco.
Architect—W. H. Armitage, Call Bldg., San Francisco. \$3000

SIGN
(3818) NO. 980 MARKET. Erect double faced vertical electric sign.
Owner—Louis Warfield, Premises.
Architect—None.
Contractor—Federal Electric Co., 91 New Montgomery St., S. F. \$1000

REPAIRS
(3819) No. 1717 POWELL. Repair fire damage.
Owner—G. B. Celle, Premises.
Architect—None.
Contractor—V. Filippis, 1527 Powell St., San Francisco. \$1500

DWELLING
(3820) N IRVING 95 W Forty-second Ave. One-story and basement frame dwelling.
Owner—Alphonse Mathews.
Architect—None.
Contractor—Robinson & Johnston, 1943 Anza St., San Francisco. \$3500

DWELLINGS
(3821) W TWENTY-SECOND AVE 250 and 275 S Judah. Two one-story and basement frame dwellings.
Owner—Albert Veyhle, 1087-B Valencia St., San Francisco.
Architect—None.
Contractor—M. C. Rench, 1301 4th Ave., San Francisco. \$4500 ea

FACTORY
(3822) NE KEITH AND DONNER AVE. One-story frame factory.
Owner—Pacific Electric Mfg. Co., 827 Polson St., San Francisco.
Architect—Geo. H. Wlenmeyer, 57 Post St., San Francisco. \$43,000

DWELLING
(3823) E SEVENTEENTH AVE 200 S Lincoln Way. One-story and basement frame dwelling.
Owner—J. T. Hamilton, 820 Bryant St., San Francisco.
Architect—None. \$1800

APARTMENTS
(3824) NW VALENCIA AND CUNNINGHAM PLACE. Three-story frame store and (4) apartments.
Owner—A. W. Eriksen, 410 11th Ave., San Francisco.
Architect—None. \$12,000

DWELLINGS
(3825) W THIRTY-FOURTH AVE 50 and 75 N Cabrillo. Two one-story basement frame dwellings.
Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
Architect—None. \$3000 each

RATPROOFING
(3826) NO. 134 POWELL. Ratproofing coffee shop.
Owner—Leighon Industries, Inc., Flood Bldg., San Francisco.
Consulting Eng.—C. F. Wieland, 703 Market St., S. F. \$2000

SMOKEHOUSE
(3827) NO. 1071 McALLISTER. One-story brick smokehouse.
Owner—A. G. Sosnick, Premises.
Architect—None. \$1000

FLATS
(3828) E THIRTY-SECOND AVE 200 N Geary. Two-story and basement frame (2) flats.
Owner—John Moore, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. \$6000

INCINERATOR
(3829) NW BRYANT & TWENTIETH. Construct brick incinerator.
Owner—Herschfeld & Meany, Prem.
Architect—None.
Contractor—Ludwig Incinerator Co., 950 Natoma St., S. F. \$1900

ADDITION
(3830) NO. 114 TWELFTH AVE. One-room and porch addition to dwelling and install toilet.
Owner—John Werner, Premises.
Architect—None.
Contractor—A. L. Thulin, 120 Otis St., San Francisco. \$1000

BUNGALOW
(3831) N STAPLES AVE. 125 W Edna. W 25 x N 112-6, Lot 38, Blk. 18, Sunnyside. All work for 1-story frame bungalow.
Owner—Minnie A. Austin.
Architect—None.

Contractor—James Arnott & Son, 235 Granville Way, S. F.
Filed Sept. 8, 1924. Dated Aug. 15, '24.
When frame is up25%
When brown coated25%
When completed and accepted25%
Usual 35 days25%
TOTAL COST, \$2700
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

CLASS C BLDG.
(3832) S HOWARD 303 W Seventh. All work for 2-story reinforced concrete class C building.
Owner—Henrietta Sharp, 622 Flatiron Bldg., S. F.
Architect—Dodge & Riedy, Pacific Bldg., S. F.
Contractor—Vukicevich & Bagge, 815 Bryant St., S. F.
Filed Sept. 8, 1924. Dated Sept. 4, 1924.
Forms completed to 2nd floor line \$1718.25
Concrete walls poured 1718.25
Complete and accepted 1718.25
Usual 35 days 1718.25
TOTAL COST, \$6873
Bond, \$3500. Sureties, J. H. McCallum and H. W. Goetjen. Forfeit, \$75. Limit, 75 days. Plans and specifications filed.

FLATS

(3833) W ARGUELLO BLVD. 175 N Balboa. All work for 3-story frame bldg., flats.
Owner—Mr. Abe Joseph, 743 Arguello Blvd., S. F.
Plans by owner.
Contractor—Wallace C. Boswall, 2764 McAllister St., S. F.
Filed Sept. 8, 1924. Dated Sept. 5, 1924.
Frame up \$2880
Roof on and brown mortar on. 2000
White coated 1000
Completed and accepted 2887
Usual 35 days 2880
TOTAL COST, \$11,447
Bond, sureties, forfeit, limit, none.
Plans and specifications filed.

DWELLING

(3834) W THIRTY-FOURTH AVE. 225 S Lincoln Way. One-story and basement frame dwelling.
Owner—Margaret Grant, 131 Beaver St., San Francisco.
Architect—None.
Contractor—F. E. Nagel, 773 Page St., San Francisco. \$2900

DWELLING

(3835) W TWENTY-FIFTH AVE. 100 S Judah. One-story and basement frame dwelling.
Owner—Faber & Slaght, 227 Liberty St., San Francisco.
Plans by Owner. \$4000

FLATS

(3836) S FRANCISCO 150 W Franklin. Two-story and basement frame (2) flats.
Owner—E. L. Strauss, 409 Pine St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—A. D. Disston, Hearst Bldg., San Francisco. \$10,000

DWELLING

(3837) SW URBANO DRIVE AND Victoria. One-story and basement frame dwelling.
Owner—G. W. Morris, 101 Urbano Dr., San Francisco.
Plans by Owner. \$5000

ALTERATIONS

(3838) SW NEW MONTGOMERY & Market. Rearrange office partitions.
Owner—McDonnell & Co., Premises.
Architect—None.
Contractor—A. D. Disston, Hearst Bldg., San Francisco. \$2000

ALTERATIONS

(3839) No. 545-55 GREEN. Install 6 bath tubs; electric work, etc., for flats.
Owner—A. Capurro, 462 Columbus Ave., San Francisco.
Architect—None.
Contractor—G. Ferroni & Sons, 1926 Filbert St., San Francisco. \$1800

DWELLING

(3840) E FORTY-SIXTH AVE. 150 S Cabrillo. Two-story and basement frame dwelling.
Owner—J. Anderson, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000

DWELLING

(3841) W BRODERICK 65 S Green. One-story and basement frame dwelling.
Owner—Otto Wankowski, 25 Kearny St., San Francisco.
Plans by Contractor.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco. \$13,800

DWELLING

(3842) E TWENTY-EIGHTH AVE 125 S Irving. One-story and basement frame dwelling.
Owner—A. C. Boin, 2207 Sutter St., San Francisco.
Architect—None. \$4000

DWELLING

(3843) W LEE AVE. 100 S Holloway. One-story and basement frame dwelling.
Owner—R. Peters, 1273 O'Farrell St., San Francisco.
Architect—None.
Contractor—Ulrich Co., 1273 O'Farrell St., San Francisco. \$2900

APARTMENTS

(3844) S FOURTEENTH 73-10 E Valencia. Two-story and basement frame (16) apartments.
Owner—Dawling, Nutman & McCarthy, 2612 Valencia St., S. F.
Architect—G. A. Berger, 261 Valencia St., San Francisco. \$18,000

DWELLING

(3845) W CHATTANOOGA 50 N 21th. One-story and basement frame dwelling.
Owner—H. Forrest, 282 Chattanooga St., San Francisco.
Architect—None.
Contractor—A. L. Gray, 4 Park St., San Francisco. \$4000

DWELLINGS

(3846) E MIRAMAR 100 and 125 S Holloway. Two one-story and basement frame dwellings.
Owner—Mrs. Wm. Reilly, 167 Miramar Ave., San Francisco.
Architect—None.
Contractor—Henry Erickson, 1925 Church St., S. F. \$3000 each

DWELLING

(3847) S URBANO DR., 56 E Victoria. 1-story and basement frame dwelling.
Owner—G. W. Morris, 101 Urbano Dr., San Francisco.
Plans by Owner. \$1000

BUILDING

(3848) S VALLEJO 137-6 Broderick. All work except painting, interior tile, mantle, plumbing fixtures, electric wiring, finish hardware and shades for building.
Owner—Emile Lapachet, 110 Sutter St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—C. F. Parker, 251 Kearny St., S. F.
Filed Sept. 10, 1924. Dated Sept. 8, 1924.
Frame up & roof boards on. \$1499
Brown coat plaster on 1499
Standing finish in 1499
Completed and accepted 1499
Usual 35 days 1994
TOTAL COST, \$7994
Bond, sureties, forfeit, none. Limit, 80 days. Plans and specifications filed.

APARTMENTS

(3849) S BROADWAY BET. JONES and Taylor. All work for 3-story frame apartments.
Owner—Ernest and Ruby Kennedy, 1041 Broadway, S. F.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., S. F.
Filed Sept. 10, 1924. Dated Sept. 2, 1924.
Frame up \$3000
1st coat plaster on 3000
Completed 3000
Usual 35 days 3000
TOTAL COST, \$12,000
Bond, sureties, forfeit, none. Limit, 90 days after Oct. 25, 1924. Plans and specifications filed.

BUILDING

(3850) E TWELFTH AVE. 100 S Kirkham, S 25 x E 120. All work except lighting fixtures and shades.
Owner—A. Filiano, 1465 11th Ave., S. F.
Architect—P. F. DeMartini, 960 Broadway, S. F.
Contractor—Ohlson & Almquist, 2952 2nd St., S. F.
Filed Sept. 10, 1924. Dated Aug. 14, 1924.
Payments not given.
TOTAL COST, \$5475
Bond, \$2750. Sureties, E. J. Nutting and S. J. Crowley. Forfeit, none. Limit, 80 days. Plans and specifications filed.

DWELLING

(3851) N IRVING 95 W Forty-second Ave. All work for 1-story and basement frame dwelling.
Owner—Alphonse Matthews.
Architect—Robinson & Johnston.
Contractor—Robinson & Johnston, 1934 Anza St., S. F.
Filed Sept. 10, 1924. Dated Sept. 5, 1924.
Roof on \$1400
Brown coat plaster on 1250
Completed 1250
Usual 35 days 1250
TOTAL COST, \$5150
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

PAINTING

(3852) NE NINETEENTH AND CONNECUT. All work for exterior and interior painting for church.
Owner—Roman Catholic Archbishop of San Francisco, (a corporation sole) 1100 Franklin St., S. F.
Architect—David E. Graham, 180 Jessie St., S. F.
Contractor—Frank J. Terkeyden & Co., 1427 Green St., S. F.
Filed Sept. 10, 1924. Dated Sept. 8, 1924.
Upon demand as work progresses 7500
Completed and accepted 2500
TOTAL COST, \$2800
Bond, sureties, forfeit, none. Limit, 20 days after Sept. 10, 1924. Plans and specifications not filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Sept. 4, 1924—W MIRAMAR AVE. 175 N Holloway Ave N 25xW 112-6. Annie M Ginder to J R Wilson. Sept. 2, 1924
Sept. 4, 1924—S FILBERT 120 E Hyde 22x120. Mrs. Paul P Austin to H H Gerben. Sept. 4, 1924
Sept. 4, 1924—E FORTY-EIGHTH AVE 280 S Balboa S 25xE 120. Joseph Howard to whom it may concern. Sept. 4, 1924
Sept. 4, 1924—N PRAGUE 100 W Naylor 28x100. T J and Theodore Houweling to whom it may concern. Aug. 27, 1924
Sept. 4, 1924—E CASTRO 111 N 20th 26-3x125. No. 677 Castro St. John F and Mrs. E O'Leary to whom it may concern. Sept. 4, 1924
Sept. 4, 1924—N BALBOA 82-6 and 107-6 E 36th Ave E 25xN 100 each. Robert Hall to whom it may concern. Sept. 3, 1924
Sept. 4, 1924—S BEACH 68-9 E Larkin E 68-9xS 137-6. Paola Arata to M V Brady. Aug. 30, 1924
Sept. 4, 1924—S IRVING 57-6 W 23rd Ave 50x100. Carl H Peterson to whom it may concern. Sept. 4, 1924
Sept. 4, 1924—LOT 25 BLK 2981 Map Merritt Terrace. George Holden to whom it may concern. Sept. 5, 1924
Sept. 5, 1924—E THIRTY-SEVENTH AVE 50 N Cabrillo N 25xE 115. Roy A Pratt to whom it may concern. Aug. 25, 1924
Sept. 5, 1924—E ARGUELLO BLVD 100-43 S McAllister S 25xE E 100-81. -97-544 to beg John J and Mary A McSharry to R F Kelly. Sept. 5, 1924
Sept. 5, 1924—SE PACIFIC AVE. and Market S JACOBE 115 E 152-8 to Meyer Bros. Sept. 3, 1924
Sept. 5, 1924—W BUCHANAN 102 S Broadway 35-6 x 109-6. Gustave Schnee to whom it may concern. Sept. 5, 1924
Sept. 5, 1924—W MISSION 60 N 16th N 100 x W 60. The Goodwill Industries of S. F. Bay District to James H. McFarland. Sept. 2, 1924
Sept. 5, 1924—S ROSWORTH E Milton 25 x 100. Marie A. Wright formerly Littlefield, to whom it may concern. Sept. 5, 1924
Sept. 2, 1924—W 41ST AVE. 25 N Balboa 25x95. D. E. Cordova, Geo Herzog to H S Nelson. Sept. 2, 1924
Sept. 6, 1924—E CORDOVA 33-34 S Winding Way S 33-33 x E 104-15 to the binding N 32-2 x W 35-14 S 70-12 40' W 101-72 to E Cordova and pt of beg S ptns Lots 1 and 2 Blk 6452. Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern. Sept. 2, 1924
Sept. 6, 1924—LOT 12 BLK 3106. Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern. Sept. 2, 1924
Sept. 6, 1924—W CORDOVA 32 S S Winding Way S 25xW 100 Ptn Lots 15 & 16 Blk 6451. Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern. Sept. 2, 1924
Sept. 6, 1924—LOT 12 BLK 3106. Winding Way S 25xW 100 Ptn Lots 15 & 16 Blk 6451. Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern. Sept. 2, 1924
Sept. 6, 1924—LOT 12 BLK 3106. Westwood Park. Hans and Esther E Nelson to whom it may concern. Sept. 4, 1924

Sept. 6, 1924—W SEVENTEENTH AVE
174 S Rivera W 142 S 30-10 W of E
S 142 W of E N 26-8 EARD O
Smith to whom it may concern.....Sept. 6, 1924

Sept. 6, 1924—W SEVENTEENTH AVE
32 S Rivera S 82 W 112 N 1-10 E 7
N 28-8 E 106 EARD O Smith to whom it may concern.....Sept. 6, 1924

Sept. 6, 1924—W SEVENTEENTH AVE
30 S Rivera S 32 W 80 EARD O
Smith to whom it may concern.....Sept. 6, 1924

Sept. 6, 1924—W SEVENTEENTH AVE
28 S Rivera S 32 W 80 EARD O
Smith to whom it may concern.....Sept. 6, 1924

Sept. 6, 1924—SE RIVANT 235 SW
1/4 SW 40-56 122-5 S. Howard
Hatchery Co to whom it may concern.....Sept. 6, 1924

Sept. 6, 1925—NO. 1867 AND 1871 20th
Ave W Line 20th Ave 150 N Ortega
N 50x120. O A or Oscar A Lawrence
to whom it may concern.....Sept. 6, 1924

Sept. 8, 1924—N CRESCENT AVE
200 E Mission William Shepherd
to whom it may concern.....Sept. 8, 1924

Sept. 8, 1924—W CORDOVA 25 N
Seville John and Sofia E Carlson
to whom it may concern.....Sept. 8, 1924

Sept. 8, 1924—SE 22ND AND QUANE
Alley 57-6 on 22nd x 31 on Quane
Alley H. E. Newsom to whom it
may concern.....Sept. 8, 1924

Sept. 8, 1924—E GOUGH 31 S RAY
No. 3240 Gough St. Fred and Mat-
theus to Charles F. Behr.....Sept. 8, 1924

Sept. 8, 1924—LOT 1, BLK. K, Mis-
sion Terrace. Walter E. Hansen
to whom it may concern.....Sept. 8, 1924

Sept. 8, 1924—E 42ND AVE. 133 S
Anza S 35 x E 120. R. C. and
Agnes A. Douglas to Milton Bros.
.....Sept. 8, 1924

Sept. 8, 1924—NE JACKSON 2ND
Anuello Blvd. E 60 x N to Stone
Wall thence along Presidio wall
SW to Arguello Blvd. S 56-2-4.
Julius Behrend to Wm. F. Foster
.....Sept. 8, 1924; and to James
J. Johnson.....Sept. 8, 1924

Sept. 8, 1924—E YORK 67-6 S 21ST
S 30 x 25. Patrick Buckley to
Thos. McCormick.....Sept. 8, 1924

Sept. 8, 1924—E FIRST 171 W
Shotwell. John C Schmidt to whom
it may concern.....Aug. 29, 1924

Sept. 6, 1924—LOT 9 BLK 2978 Map
Merritt Terrace. St. George Holden
to whom it may concern.....Sept. 10, 1924

Sept. 10, 1924—N CALIFORNIA 52-6
W Tenth Ave W 25x100. Oris V.
Bonetti to whom it may concern.....Sept. 10, 1924

Sept. 10, 1924—E TWENTY-FIRST
AVE 125 S Cabrillo 25x120. Edw F
Helms to whom it may concern.....Sept. 10, 1924

Sept. 10, 1924—E TWENTY-THIRD
AVE 175 S Cabrillo 25x120. Edw F.
Helms to whom it may concern.....Sept. 10, 1924

Sept. 10, 1924—E TWENTY-FIRST
AVE 150 S Cabrillo. H Hyman, Helen
Hyman, Edw E and Jessie Helms
to whom it may concern.....Sept. 10, 1924

Sept. 10, 1924—N GROVE 96-10 1/2
E Lyon E 25xN 100. Carl A Wolf
and Olof Johnson to whom it may
concern.....Sept. 10, 1924

Sept. 10, 1924—S TWENTIETH AVE
80 E Church rung E alg S 20th 25
S 109.956 to N line ppy granted to
City and County of San Francisco
by Reagan W alg N line land
granted as aforesaid 27.286 to its
intersection with line parl with E
Church S from pt of beg N parl

with E Church 99.124 to S 20th
and pt of beg. John and Margaret
O'Kane to whom it may concern.....Sept. 10, 1924

11 Block 22 St. Francis Wood Ex-
tension No. 2 dased Commg NE
bdy Yerba Buena Ave dist 55
measure SE from Buena Ave. and
dividing line bet. lots 9 and 10 Blk
22 rung N 34 deg. 03 min. 30 sec
E and parl to dividing line bet lots
9 and 10, 11, 64 to N bdy line lot
10 rung S 55 deg 56 min 30 sec E
and following NE bdy line 1 to 10
and 11 Block 22, 47.94 rung S 33
deg 02 min 11 sec W 113.94 to pt
on NE bdy line Buena Ave dist 10
to where it intersects with line
with dividing line bet lots 11 and
12 Blk 22 and rung NW alg arc of
curve to right with radius 8410. 50
to pt. of Beg. Homes Loan Cor-
poration to Carl T. Wengard.....Sept. 10, 1924

Sept. 10, 1924—SW PIERCE AND
Union. Emil Nelson to whom it
may concern.....Sept. 10, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 10, 1924—E TWENTY-SIXTH
AVE 175 N Ulloa N 25x120. Mar-
tin Nelson vs John and Rose Lep-
etch.....\$67.50

Sept. 1, 1924—S CHESTNUT 48 E Bu-
chanan E 32-6 S 120. Joseph W.
Marshall vs J C Thomas, Andrew J
and wife Christina Holmer.....\$

Sept. 4, 1924—NO. 2990 MISSION ST.
Franklin E Bill vs A Lubmir.....\$340

Sept. 5, 1924—E STEINER 62-6 S
Pillitt S 25x120. Chas Ewing
vs Elizabeth Felter and Walter E.
Schultz.....\$270

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 75 and N California N 25x
70 each. F A John vs A M Hardy
and Lillie L Dayton (2 liens). \$110 ea

Sept. 5, 1924—E 27TH AVE. 50 N
California J. H. Baxter & Co vs
Lillian Dayton.....\$400.84

Sept. 5, 1924—E 27TH AVE. 75 N
California E 70 x N 25, \$117; E
27th Ave. 50 N California E 70 x N.
25, \$117. Atlas Mortar Co. vs. A.
M. Hardy and Lillie L. Dayton.....

Sept. 5, 1924—E 27TH AVE. 75 N
California N 25 x 70. Ginsberg
Tile Co. vs. A. M. Hardy and Lillie
L. Dayton.....\$284.75

Sept. 5, 1924—E 21ST AVE. 150 S
Taraval S 50 x E 120. Concealo
Fixture Co. vs. McCauley & Weber
and G. W. Rawls.....\$198.

Sept. 5, 1924—E 27TH AVE. 75 N
California N 50 x E 70. Joost
Bros. Inc. vs. Lillie L. Dayton.....\$250.

Sept. 5, 1924—E 27TH AVE. 50 N
California N 25 x E 70. J. Camp
as J. Camp & Co. vs. A. M. Hardy
and Lillie L. Dayton married.....\$205.23

Sept. 5, 1924—E 27TH AVE. 75 N
California N 25 x E 70. J. Camp
as J. Camp & Co. vs. A. M. Hardy
and Lillie L. Dayton married.....\$205.23

Sept. 5, 1924—E 27TH AVE. 50 N
California N 25 x E 70. W. H.
Morrison vs. A. M. Hardy and Lil-
lie L. Dayton, married.....\$420

Sept. 5, 1924—E 27TH AVE. 75 N
California N 25 x E 70. W. H.
Morrison vs. A. M. Hardy and Lil-
lie L. Dayton, married.....\$420

Sept. 5, 1924—E 27TH AVE. 70 and
75 N California N 25 x 70, each
\$979.63. Hart-Wood Lumber Co.
vs. Lillie L. Dayton and A. M. Har-
dy.....

Sept. 5, 1924—E 27TH AVE. 75
50 N California E 70 x N 25, each
\$114.32. California Door Co. vs. A.
M. Hardy and Lillie L. Dayton.....

Sept. 5, 1924—E 27TH AVE. 50 N
California N 50 x E 70. Rock Sand

and Gravel Sales Co. vs. A. M.
Hardy and Lillie L. Dayton.....\$31.25

Sept. 2, 1924 — E BRIGHT 125 S
Holloway S 25 x E 100. John Cas-
saretto vs. Mary Kendall and J. C.
O'Hara.....\$74.84

Sept. 3, 1924—E TWENTY-SEVENTH
AVE 75 N California W 25x70.
I Epp vs Lillie L Dayton and A M
Hardy.....\$44

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 50 N California N 25x70.
The Hoffman Heater Co Corp vs
Lillie L. Dayton and A M Hardy
.....\$128.26

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 75 N California N 25x70.
C H Shipman and E W Lauer (as
Shipman & Lauer) vs Lillie L Day-
ton and A M Hardy.....\$64.26

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 50 N California N 25x70.
C H Shipman and E W Lauer (as
Shipman & Lauer) vs Lillie L Day-
ton and A M Hardy.....\$67

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 75 N California N 25x70.
The Hoffman Heater Co vs Lillie L
Dayton and A M Hardy.....\$128.26

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 50 N California N 25x70.
I Epp vs Lillie L Dayton and A M
Hardy.....\$44

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 50 N California N 25x70.
W P Fuller Co corp vs Lillie L
Dayton and A M Hardy.....\$116

Sept. 5, 1924—E TWENTY-SEVENTH
AVE 75 N California N 25x70. W
P Fuller Co corp vs Lillie L Day-
ton and A M Hardy.....\$116

Sept. 6, 1924—W THIRTY-FIRST AV
150 S Taraval S 50x120. N M
Stephens vs G W Rawls and Mc-
Cauley & Weber.....\$185

Sept. 6, 1924—E THIRTY-FIRST AV
150 and 175 S Taraval S 25x120.
Spring Valley Lumber Yard, \$735.16
and \$735.16 (2 liens) vs G W Rawls
and McCauley and A Weber (as
McCauley & Weber).....

Sept. 6, 1924—NO 955 PINE. W F
Lenzen & Co vs Mrs L L Braidey.....\$377

Sept. 5, 1924—COM. AT PT. ON PA-
cheo 95 E 20th Ave E 25 S 50 W
20 N 50 W 5 N 100. Inland Fire
Co vs Ludwig and May P Han-
sen.....\$160.

Sept. 8, 1924—E THIRD 55 S TE-
hams S 25 x E 100. N. Hoar-
lund vs Rebecca Rude.....\$150.

Sept. 8, 1924—SW CALIFORNIA &
Jones dist. 154-9 thence along S
California 51-6 S 137-6 E 51-6 N
137-6. Frank S. Searcy and
Mary Petersen.....\$216.50

Sept. 8, 1924—E THIRD 55 S Te-
hams S 25 x E 80. N. T. Hoaglund
vs. Rebecca Rude.....\$150

Sept. 8, 1924—SE NEWCOMB AVE.
100 SW Mendell SE along New-
comb Ave. 25 x SW 100. W. J. Mc-
Kellar & Son vs Emma E. Pontet
and A. Pontet Jr.....\$198.85

Sept. 10, 1924—E HOWARD 95 S
Twenty-fifth S 25x120. E. S
Solax vs Dan E Ulrich and Patrick
and Margaret McVeigh.....\$380

Sept. 10, 1924—N SEVENTEENTH 30
W Camp W 25xN 100. Empire
Planing Mill Corp vs John Botman
and Charles W Hunt.....\$689.45

Sept. 10, 1924—E NINETEENTH AVE
125 S Cabrillo S 25 x E 70. George
Schult vs Frank Zichosch.....\$18.15

Sept. 6, 1924—NE COR TWENTY-
seventh Ave and California. — Gol-
berg vs A M Hardy.....\$535

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 10, 1924—E THIRD AVE 135 S
Irving S 25 x E 120. Frank C. Keefe
to Chas. G. Stuhr.....\$338

BUILDING CONTRACTS

ALAMEDA COUNTY

The following is an index for the
contracts in this issue.

No. Owner	Contractor	Amt.
4619 Davis	Gardner	3500
4620 Todd	Boerner	1390
4621 Terry	Pattinson	8700
4622 Torchio	Valente	2900
4623 Huckell	Angstrom	4000
4624 Culver	Moore	12000
4625 Luepp	Livingston	3500
4626 Enquist	Owner	15000

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Genuine Leather Covers \$5.50 Net, Postpaid.

Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission
St., San Francisco, Calif., U. S. A.

4627 Mann	Smith	10400	4740 Kennedy	Hauri	17000	DWELLING
4628 McKallor	Owner	3500	4741 Rohr	Woolley	6392	(4631) W CAPT ST., 181 S School St., Oakland, 1-story 6-room dwelling and garage.
4629 St. Francis	Rigney	1000	4742 Beer	Henderson	35000	Owner—Ness Broth, 3912 Linwood Ave., Oakland.
4630 MacCauley	Ogden	4000	4743 Mastick	Berkeley	12900	Architect—None.
4631 Broth	Owner	4200				
4632 Thompson	McCarthy	5000	DWELLING			
4633 Green	Owner	1000	(4619) NO. 1118 VERSAILLES AVE., Alameda, Five-room dwelling.			
4634 Worden	Owner	1000	Owner—H. L. Davis, 1126 Broadway, Alameda.			
4635 Page	Owner	5000				
4636 Wilson	Owner	5000	DWELLING			
4637 Abdon	Owner	5000	(4620) NO. 749 CENTRAL AVE., Alameda, Three-room dwelling.			
4638 Ingracia	Owner	2500	Owner—D. M. Todd, Premises.			
4639 Lee	Carper	4300	Architect—None.			
4640 Watz	Anderson	6000	Contractor—R. F. Gardner, 1141 Broadway, Alameda.			
4641 Union	Owner	3100				
4642 Anderson	Owner	5000	DWELLING			
4643 Dolan	Owner	3990	(4620) NO. 749 CENTRAL AVE., Alameda, Three-room dwelling.			
4644 McKenzie	Dubhoff	5200	Owner—D. M. Todd, Premises.			
4645 Hansen	Owner	3500	Architect—None.			
4646 Caine	Kidder	11949	Contractor—Boerner & White, 2414 Prince St., Berkeley.			
4647 McCall	Stockholm	7500				
4648 Henry	Williford	3800	DWELLING			
4649 Dray	Miller	7000	(4621) NO. 932 SAN BENITO, Berkeley			
4650 Picco	National	3000	Dwelling.			
4651 Areny	Ingram	4000	Owner—John Terry, 1019 Oxford St., Berkeley.			
4652 Makower	Shapiro	2500	Architect—None.			
4653 Giberling	Kidder	3600	Contractor—J. Pattinson, 925 The Alameda, Berkeley.			
4654 Robins	Muller	1500				
4655 Bramlage	Bramlage	7750	DWELLING			
4656 Hakkarain	Aban	14400	(4622) NO. 1217 KAINS AVE., Berkeley, Dwelling.			
4657 Murphy	Zwaal	4600	Owner—M. E. Valente, Designer—M. E. Valente.			
4658 Greuter	Minnis	4000	Contractor—M. E. Valente, 5215 Locksley Ave., Oakland.			
4659 Hendrickson	Owner	4000				
4660 Frese	Littlefield	60000				
4661 Rose	Sommarsstrom	12500	DWELLING			
4662 Scolari	California	14500	(4623) NO. 669 COLUSA ST., Berkeley			
4663 Tropilong	California	13500	Dwelling.			
4664 Cardoni	Davis	3150	Owner—Mr. Huckell, 167 Grand Ave., Oakland.			
4665 Day	Owner	3500	Designer—J. & E. Angelman.			
4666 Wolfe	Westlund	3500	Contractor—J. & E. Angelman, 36th Ave., Oakland.			
4667 McLeod	Owner	3100				
4668 Hartman	Owner	3000	APARTMENTS			
4669 Fitzpatrick	Owner	6000	(4624) NO. 2155 VIRGINIA ST., Berkeley			
4670 Birch	Owner	4500	Apartment.			
4671 Hufschmidt	Owner	4500	Owner—Mrs. Laura Culver, 1547 Shattuck Ave., Berkeley.			
4672 Valpreda	Unreder	5000	Designer—E. P. Moore.			
4673 Flage	Owner	3700	Contractor—E. P. Moore, 1626 Scenic Ave., Berkeley.			
4674 Taylor	Helms	3556				
4675 Vinson	Sauren	4490	ADDITION			
4676 Serjas	Sommarsstrom	3000	(4625) NO. 1830 SAN JUAN, Berkeley.			
4677 Babel	Owner	3000	Addition.			
4678 Marquis	Wolfe	1000	Owner—Harold Luepp, Premises.			
4679 Hannaford	Owner	2750	Architect—None.			
4680 Jordan	Owner	5000	Contractor—W. Livingston, 2918 Ellis St., Berkeley.			
4681 Gordon	Swineck	3650				
4682 Nelson	Foreman	1750	ALTERATIONS			
4683 Melrose	Owner	3000	(4626) 336 WAYNE AVE., Oakland.			
4684 Kenworthy	Foreman	3750	Alterations and addition.			
4685 Valley	Peterson	3500	Owner—G. Enquist, 359 Grand Ave., Oakland.			
4686 Le Conde	Owner	2500	Architect—None.			
4687 Reite	Legault	3800				
4688 Green	Matteson	2685	ALTERATIONS			
4689 Taylor	McDonald	2788	(4626) 336 WAYNE AVE., Oakland.			
4690 Morrow	Flittner	5000	Alterations and addition.			
4691 Mueller	Owner	1625	Owner—G. Enquist, 359 Grand Ave., Oakland.			
4692 Noble	Peacock	1000	Architect—None.			
4693 Thieme	Bulla	5250				
4694 Methodist	Nelson	6000	ALTERATIONS			
4695 Warren	Anderson	8250	(4627) S BOND ST., 180 E 52ND AVE., Oakland, 2-story 12 room apartments and garage.			
4696 McDormot	Owner	4200	Owner—Geo. P. Mann, 1222 5th Ave., Oakland.			
4697 Bloodgood	Patterson	8300	Architect—A. W. Smith, American Bank Bldg., Oakland.			
4698 Glaiberman	Wieben	3000	Contractor—A. W. Smith, Oakland.			
4699 Kurtz	Owner	5900				
4700 Bloodgett	Owner	3675	DWELLING			
4701 Rohr	Wolfe	2500	(4628) S E-THIRTY-NINTH ST., 400 E Fruitvale Ave., Oakland, 1-story 5-room dwelling.			
4702 Jacobsen	Griffith	7000	Owner—H. T. McKallor, 3707 Midvale Ave., Oakland.			
4703 Sato	Owner	2000	Architect—None.			
4704 Woodburn	Owner	2000				
4705 Associated	Johanson	33000	APARTMENTS			
4706 Lincoln	Knigh	1000	(4627) S BOND ST., 180 E 52ND AVE., Oakland, 2-story 12 room apartments and garage.			
4707 Roney	James	14740	Owner—Geo. P. Mann, 1222 5th Ave., Oakland.			
4708 Archbold	McIntire	6385	Architect—A. W. Smith, American Bank Bldg., Oakland.			
4709 Powell	Schmidt	20000	Contractor—A. W. Smith, Oakland.			
4710 Woodcock	Burks	5000				
4711 Hershiser	Owner	6000	DWELLING			
4712 Johnson	Owner	5150	(4628) S E-THIRTY-NINTH ST., 400 E Fruitvale Ave., Oakland, 1-story 5-room dwelling.			
4713 Fisher	Owner	5100	Owner—H. T. McKallor, 3707 Midvale Ave., Oakland.			
4714 Weinstock	Hart	5800	Architect—None.			
4715 Woodcock	Schmidt	2500				
4716 Pfrang	Owner	2000	ALTERATIONS			
4717 Goodmanundson	MacGraw	4000	(4629) NE COR. HOBART AND Grove Sts., Oakland, Alterations.			
4718 Hopkins	Owner	2730	Owner—St. Francis de Sales Church, Hobart and Grove Sts., Oakland.			
4719 Sutherland	Newman	4000	Architect—None.			
4720 Schwenker	Owner	8550	Contractor—Rigney Tile Co., 260 Walsworth Ave., Oakland.			
4721 Kelling	Potter	1500				
4722 Schward	Owner	3250	DWELLING			
4723 Hildebrand	Owner	2700	(4630) W SIXTY-FOURTH AVE., 630 N Avenal Ave., Oakland, 1-story 5-room dwelling.			
4724 Bettencourt	Owner	2000	Owner—Jas. C. MacCauley, 2134 Bancroft Way, Berkeley.			
4725 Harrison	Peters	2000	Architect—None.			
4726 Riechel	Flittner	2200				
4727 Craven	Tollefsen	2200	DWELLING			
4728 Lax	Owner	2200	(4631) NW COR. FIFTEENTH AND Jefferson Sts., Oakland, Steel service station.			
4729 Marshall	Owner	2200	Owner—Union Oil Co., Los Angeles, Calif.			
4730 Klingelhofer	Owner	2200	Architect—None.			
4731 Peterson	Owner	2200				
4732 Kaeton	Monroe	2200	DWELLINGS			
4733 Pat	Wood	2200	(4642) 6261 AND 6301 MILLS ST., Oakland, Two 1-story 5-room dwellings.			
4734 Rugg	Owner	2200	Owner—A. T. Anderson, 2248 62nd Ave., Oakland.			
4735 Mueller	Flittner	2200	Architect—None.			
4736 Collison	Owner	2200				
4737 Anderson	Gass	2200	DWELLING			
4738 Egenhoff	Windsor	2200	(4644) N FAIRVIEW AVE., 55 W Tremont St., Oakland, 1-story 7-room 2-family dwelling.			
4739 Fahy	Stewart	2200	Owner—Colin McKenzie, 1219 Carlotta St., Berkeley.			

Architect—None.
Contractor—H. Lubnoff, 2479 Shattuck Ave., Berkeley. \$5200

DWELLING
(46455) W SIXTY-FOURTH AVE., 110 N Hayes St., Oakland. 1-story 5-room dwelling.
Owner—C. Hansen, 3210 35th Ave., Oakland.
Architect—None. \$3500

ALTERATIONS
1008 FIFTY-NINTH ST., Oakland.
Alterations and addition.
Owner—Mrs. Jeanne Davanens, 1008 59th St., Oakland.
Architect—None.
Contractor—Beadell & Lane, 908 Spruce St., Berkeley. \$2340
NOTE—Recorded contract reported Sept. 4, 1924, No. 4618.

DWELLING
(4646) LOT 15 PTN. LOTS 14 AND 16 BLK. 14, Lakeshore Highlands. Story and half frame dwelling and double garage.
Owner—Joseph E. Caine, First National Bank Bldg., Oakland.
Architect—Gwynn Officer, Berkeley Bank Bldg., Berkeley.
Contractor—H. C. Kidder, 1923 Francisco St., Berkeley.
Filed Sept. 4, 1924. Dated Aug. 30, 1924.
When frame is up \$2987.25
1st coat plaster 2987.25
Completed 2987.25
Usual 35 days 2987.25
TOTAL COST, \$11,949
Bond, yes. Surties, B. E. Underwood, Berkeley, and O. L. Krueger, Oakland.
Forfeit, none. Limit, 90 days after Aug. 30, 1924. Plans and specifications filed.

SWIMMING POOL
(4647) 34 HAMPTON ROAD, Piedmont. Swimming pool.
Owner—J. W. Metcalf, 15 Pacific, Piedmont.
Architect—None.
Contractor—Chas. Stockholm & Son, 3324 Webster St., Oakland. \$3500

DWELLINGS
(4648) 2847 2851 MADISON ST., Alameda. 1 5-room and 1 6-room dwlg. Owner—Wm. B. Henry, 2837 Madison St., Alameda.
Architect—None.
Designer & Contractor—Howard Willford, 3237 Bay Vista Ave., Alameda. 1 @ \$3600, 1 @ \$4200

STORES
(4649) SW COR. SAN ANTONIO AVE. and Park St., Alameda. 3 stores.
Owner—L. R. Dray, 805 Syndicate Bldg., Oakland.
Architect—East Bay Planners, 14th & Harrison Sts., Oakland.
Contractor—F. A. Miller, 805 Syndicate Bldg., Oakland. \$70000

DWELLING
(4650) 1330 WARD ST., Berkeley.
Dwelling.
Owner—A. Pricco, 1201 Oregon St., Berkeley.
Architect—None.
Designer & Contractor—Nat'l. Mill & Lumber Co., High St., Oakland. \$3000

DWELLING
(4651) 1535 SCENIC, Berkeley.
Dwelling.
Owner—F. Areny, Cor. Grove & Carletta, Berkeley.
Architect—None.
Designer & Contractor—Fred Ingram, 1556 University Ave., Berkeley. \$4000

DWELLING
(4652) 1225 CEDAR ST., Berkeley.
Dwelling.
Owner—A. Makower, 2484 Mission St., San Francisco.
Architect—None.
Contractor—S. M. Shapero, 1822 9th St., Berkeley. \$2500

DWELLING
(4653) 1538 SCENIC, Berkeley.
Dwelling.
Owner—J. H. Gilberling, 1730 Grove St., Berkeley.
Architect—None.
Contractor—H. C. Kidder, 1923 Francisco St., Berkeley. \$3600

ALTERATIONS
(4654) 2730 BELROSE AVE., Berkeley.
Alterations.
Owner—H. Robins, 2730 Belrose, Berkeley.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$1500

DWELLINGS
(4655) 626 630 PERALTA, Berkeley. 2 dwellings and one garage.
Owner—M. Bramlage, 649 Arlington, Berkeley.
Architect—None.
Contractor—E. E. Bramlage, 649 Arlington, Berkeley. \$3950 & \$5800

DWELLING
(4656) 1624 JAYNE, Berkeley. Dwelling.
Owner—P. Hakkaram, 1617 Hearst, Berkeley.
Architect—None. \$3000

DWELLINGS
(4657) MONTICELLO AVE. 250 291 332 373 N Virginia Ave. Four 1-story 5-room dwellings.
Owner—R. W. Murphy, Maxwell Hdwe Co., Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello Ave., Oakland. \$3600 each

DWELLINGS
(4658) SIXTIETH AVE. 200 240 N Tevis St., Oakland. Two 1-story 4-room dwellings.
Owner—R. Greuter, 1536 35th Ave., Oakland.
Architect—None.
Contractor—G. E. Minnis, 681 17th St., Oakland. \$2300 each

DWELLING
(4659) N BROOKWOOD RD. 200 E Stratford Rd., Oakland. 1-story 5-room dwelling.
Owner—A. Hendrickson, 6458 Raymond St., Oakland.
Architect—None. \$4000

GARAGE
(4660) NE COR. NINETEENTH AVE. and E-12th St., Oakland. 2-story concrete garage.
Owner—J. H. Frese, 420 25th St., Oakland.
Architect—None.
Contractor—R. W. Littlefield, 357 12th St., Oakland. \$60,000

APARTMENTS
(4661) W GRAND AVE. 330 S Sunny-slope Ave., Oakland. 2-story 18-room apartments.
Owner—Mrs. Yvette Rose, 626 Walla Vista Ave., Oakland.
Architect—C. N. Burrell, 250 Grand, Oakland.
Contractor—Sommarmstrom Bros. Co., 1536 Franklin St., Oakland. \$20,000

APARTMENTS
(4662) N E-FIFTEENTH ST. 50 W 7th Ave., Oakland. 2-story 12-room apartments and garage.
Owner—A. G. Scolari, 1925 11th Ave., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$12,500

APARTMENTS
(4663) W VERMONT ST. 150 S Fairbanks Ave., Oakland. 2-story 16-room apartments and garage.
Owner—Paul Troplog, 100 9th, Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$14,500

APARTMENTS
(4664) SW COR. FORTY-NINTH AND Webster Sts., Oakland. 2-story 16-room apartments and garage.
Owner—A. Cardoni, 5244 Lawton, Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$13,500

DWELLING
(4665) E SIXTY-SEVENTH AVE. 230 N E-14th St., Oakland. 1-story 5-room dwelling and garage.
Owner—Lewis Day, 34 Peoria St., Daly City.
Architect—None.
Contractor—R. P. Davis, 144 Templeton Ave., Daly City. \$3800

DWELLING
(4666) 1315 SIXTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—Wm. Wolfe, 128 13th St., Oakland.
Architect—None. \$3150

GARAGE
(4667) S FORTIETH ST. 630 E Grove St., Oakland. 1-story tile garage.
Owner—John A. McLeod.
Architect—None.
Contractor—Fred J. Westlund, 351 12th St., Oakland. \$1500

DWELLING
(4668) S DAMUTH ST. 87 W Lincoln Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—Thomas Hartman, 3404 Champion St., Oakland.
Architect—None. \$3100

DWELLING
(4669) E JORDAN RD. 700 N Reddie Ave., Oakland. 1-story 5-rm dwlg. Owner—A. E. Fitzpatrick, 3034 Jordan Road, Oakland.
Architect—None. \$3000

DWELLINGS
(4670) 1344 1346 SIXTY-FOURTH AVE., Oakland. Two 1-story 5-room dwellings.
Owner—C. A. Birch, 3601 Nevil Street, Oakland.
Architect—None. \$3000 each

DWELLING
(4671) 57 MOSS AVE., Oakland. 1-sto. 4-room dwelling.
Owner—H. H. Schmitt & Whalen, 407 Federal Bldg., Oakland. \$4950
Architect—None.

DWELLING
(4672) SE COR. ADELINE & ARLINGTON STs. 1-story 4-room dwelling.
Owner—J. G. Valpreda, 1130 53rd St., Oakland.
Architect—None.
Contractor—Chas. Ungaretti, 1393 18th St., Oakland. \$2000

DWELLING
(4673) E FIFTY-NINTH AVE. 120 S Brann St., Oakland. 1-story 5-room dwelling.
Owner—A. J. Flagg, 3046 Seminary Ave., Oakland.
Architect—None. \$4000

DWELLING & STORE
(4674) NE COR. MAPLE AVE. AND Delaware St., Oakland. 1-story 5-room dwelling and store.
Owner—P. S. Taylor, Box 97 Fruitvale, California.
Architect—None. \$3700

RESIDENCE
(4675) LOT 8 BLK H COUNTY CLUB Acres Mount Clair Dist. All work for 6-room residence.
Owner—Homer W. Vinson and Adah M. Vinson, 702 31st St., Oakland.
Architect—D. M. Crooks, 1761 Franklin St., Oakland.
Contractor—Wm. Casper Helms, 5216 Grove St., Oakland.
Filed Sept. 5, 1924. Dated Aug. 29, 1924.
Frame up \$389
Brown coated 389
Completed and accepted 389
Usual 35 days 389
TOTAL COST, \$3556
Bond, Forfeit, none. Limit, 90 days; Plans and specifications filed.

DWELLING
(4676) N SIDE ADDISON ST. 90 FT. W Curtis St., Berkeley. All work for dwelling.
Owner—Frank E. and Mamie L. Serpas, 1444 Nielson St., Berkeley.
Architect—None.
Contractor—Oscar Salranen, 1136 Addison St., Berkeley.

Filed Sept. 5, 1924. Dated July 7, 1924.
Frame up \$1122.50
Plastered completed 1122.50
Wood work completed 1122.50
Completed and accepted 1122.50
TOTAL COST, \$4490
Bond, Forfeit, none; Limit, 20 days; Plans and specifications filed.

DWELLING
(4677) NO. 1618 ARCH ST., Berkeley.
Dwelling.
Owner—Dorothy Babel, 227 Palm Drive Piedmont.

Designer—Sommerstrom Bros.
Contractor—Sommerstrom Bros., 1636
Franklin St., Oakland. \$6400

DWELLING
(4678) NO. 1329 CALIFORNIA ST.,
Berkeley. Dwelling.
Owner—P. R. Marquis, 2045 Shattuck
Ave., Berkeley. \$3000
Architect—None.

GARAGE
(4679) NO. 2337 HEARST AVE., Ber-
keley, Garage.
Owner—Mrs. Hannaford, Premises.
Architect—None.
Contractor—R. Wolfe, 2317 Sacramento
St., Berkeley. \$1000

DWELLING
(4680) NO. 1135 DELAWARE ST.,
Berkeley. Dwelling.
Owner—M. Jordan, 5844 Broadway,
Oakland. \$2750
Architect—None.

DWELLING
(4681) NO. 2801 BELLAIRE PLANE,
Oakland. One-story 6-room dwlg.
Owner—F. R. Gordon, 2662 25th Ave.,
Oakland. \$5000
Architect—None.

DWELLING
(4682) W SCHOOL 125 W 35th AVE.,
Oakland. One-story 5-room dwlg.
Owner—Chas. P. Nelson, 35th Ave and
School St., Oakland.
Architect—None.
Contractor—A. W. Schneek, 3226
Georgia St., Oakland. \$3000

ALTERATIONS
(4683) NO. 1411 THIRTY-NINTH AVE
Oakland. Alterations and one-story
garage.
Owner—Melrose Realty Co., 4566 E-
14th St., Oakland.
Architect—None.
Contractor—H. S. Foreman, 3411 Shef-
field Ave., Oakland. \$1750

DWELLING
(4684) S BIRDSALL AVE 200 W Mon-
teith Ave., Oakland. One-story
5-room dwelling.
Owner—Kenworthy & Ingler, 5533
Morse Drive, Oakland.
Architect—None. \$3000

DWELLING
(4685) NO. 1321 SEMINARY AVE.,
Oakland. One-story 4-room dwell-
ing and garage.
Owner—Mrs. Valley, 4299 High St.,
Oakland.
Architect—None.
Contractor—H. S. Foreman, 3411 Shef-
field Ave., Oakland. \$3750

ALTERATIONS
(4686) 1327 EIGHTY-SEVENTH AVE.,
Oakland. Alterations and addition
Owner—Sam LaConde, 1327 87th Ave.,
Oakland.
Architect—None.
Contractor—Peterson & Anderson, 4120
Masterson St., Oakland. \$5500

ALTERATIONS
Ave., Oakland. Alterations and ad-
dition.
Owner—Sam LaConde, 1327 87th Ave.,
Oakland.
Architect—None.
Contractor—Peterson & Anderson, 4120
Masterson St., Oakland. \$3500

DWELLING
(4687) N HOLLYWOOD AVE 211 W
Park Blvd., Oakland. Two-story 6-
room dwelling.
Owner—Reite Bros., 470 Lincoln Ave.,
Alameda.
Architect—None. \$4500

DWELLING
(4688) S SCHOOL 212 W Capp, Oak-
land. One-story 3-room dwelling.
Owner—F. Greer, 1812 Willow Ave.,
Alameda.
Architect—None.
Contractor—Oliver Legault, 96 Mon-
tell St., Oakland. \$2500

DWELLING
(4689) NO. 3906 LAGUNA AVE., Oak-
land. One-story 5-room dwelling
and garage.
Owner—W. H. Taylor, Oakland.
Architect—None.
Contractor—E. T. Matteson, 3629 La-
guna Ave., Oakland. \$3300

STORE BLDG
(4690) SW E-TWENTY-SEVENTH ST.
and 21st Ave., Oakland. Store
building, 21x42.
Owner—Richie and Hattie M. Mor-
row, 1937 8th Ave., Oakland.
Architect—None.
Contractor—A. A. McDonald, 611 28th
St., Oakland.
Filed Sept. 6, 1924. Dated May 17, 1924.
Same to be paid 85% as work pro-
gresses.

TOTAL COST, \$2685.
Bond, sureties, forfeit, limit, none.
Plans and specifications not filed.

BUILDING, GARAGE
(4691) LOT 1, MAP PTN. LIENSE
Tract, 37th Ave., Oakland. Three
rooms and garage.
Owner—Jessie H. Mueller, 1455 36th
Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th
Ave., Oakland.
Filed Sept. 6, 1924. Dated Sept. 5, 1924.
When frame is up \$692
1st coat plastering 692
When completed 692
Usual 55 days TOTAL COST, \$2685

Bond, sureties, none. Forfeit, \$1.00
per day. Limit, 65 days after Sept. 8,
1924. Plans and specifications filed.

BUNGALOW
(4692) 1029 AND 1033 LEWELLING
Court, Alameda. 8-room duplex
bungalow.
Owner—Geo. H. Noble, 1356 Park St.,
Alameda.
Designer and Contractor—Geo. H. No-
ble, 1356 Park St., Alameda. \$5000

ALTERATIONS
(4693) 1411 PARK ST., Alameda. Al-
terations.
Owner—E. C. Thieme.
Architect—None.
Contractor—John Peacock, 2512 Ches-
ter St., Alameda. \$1625.

ADDITION
(4694) 3005 VAN BUREN ST., Ala-
meda. Addition.
Owner—Methodist Church South, 3005
Van Buren St., Alameda.
Architect—None.
Contractor—Chas. D. Bulla, 1320 Bay
View Place, Berkeley. \$1000

DWELLING
(4695) 2340 VINE ST., Berkeley.
Dwelling.
Owner—W. E. Warren, 5867 Ocean
View Drive, Oakland.
Architect—W. C. Warren, 5867 Ocean
View Drive, Oakland.
Contractor—O. E. Nelson, 2634 High-
land, Oakland. \$5250

DWELLING
(4696) 1269-71 HEARST AVE., Berke-
ley. Dwelling.
Owner—R. McDormot, 1273 Hearst Ave.
Berkeley.

Designer and Contractor—Anderson &
Hirwood, 1927 Napa Ave., Berke-
ley. \$6600

DWELLINGS
(4697) E SIXTY-FIRST AVE., 100, 125
and 212 N Camden St., Oakland.
1-story 4-room dwelling and two
1-story 5-room dwellings.
Owner—N. A. Blodgett and G. H. Mor-
fitt, 3990 E-14th St., Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th
St., Oakland. \$2500, \$2750 and \$3000

DWELLING
(4698) 2712 TWENTY-SIXTH AVE.,
Oakland. 1-story 5-room dwelling
and garage.
Owner—L. Glaberman, 2585 Fruitvale
Ave., Oakland.
Architect—None.
Contractor—J. F. Patterson, 2001 68th
Ave., Oakland. \$4200

DWELLING
(4699) 801 TRESTLE GLEN ROAD,
Oakland. 2-story 8-room dwelling
and garage.
Owner—Stella L. Kurtz, Oakland.
Architect—None.
Contractor—A. C. Wieben, 839 Rose-
mont Rd., Oakland. \$8300

DWELLING
(4700) N CAMDEN ST, 68 E-61ST
Ave., Oakland. 1-story 5-room
dwelling.
Owner—Blodgett & Moffat, 3990 E-
14th St., Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th
St., Oakland. \$3000

DWELLING
(4701) E PARK BLVD., 624 N San
Luis, Oakland. 1-story 5-room
dwelling.
Contractor—Ben F. Woolley, 707
dwelling.
Owner—Mrs. R. C. Rohr, Oakland.
Architect—None.
Adams St., Oakland. \$5900

DWELLING
(4702) NE COR. SIXTY-FOURTH AVE.
and Arthur St., Oakland. 1-story
5-room dwelling and garage.
Owner—Andrew Jacobson, 2307 Hav-
enscourt Blvd., Oakland.
Architect—None. \$3675

DWELLING
(4703) 1808 101ST AVENUE, Oakland.
1-story 5-room dwelling.
Owner—Nick M. Sato, 1808 101st Ave.,
Oakland.
Architect—None.
Contractor—C. M. Griffith, 1323 96th
Ave., Oakland. \$2500

DWELLING
(4704) 1048 ARDMORE AVE., Oak-
land. 1-story 7-room dwelling.
Owner—P. E. Woodburn, 624 Prospect
Ave., Oakland.
Architect—None. \$7000

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO COMMERCIAL)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

SERVICE STATION
(4590) NW COR. TWELFTH AND
Allice Sts., Oakland. 1-story brick
service station.
Owner—Associated Oil Co., 1100 Web-
ster St., Oakland.
Architect—None. \$2000

DWELLING
(4591) 6294 HAYES ST., Oakland. 1-
story 5-room dwelling and garage.
Owner—Eva M. Lincoln.
Architect—None.
Contractor—K. A. Johnson, 2129 13th
Ave., Oakland. \$3650

APARTMENTS
(4591) 456 LEE ST., Oakland. 3-story
27 room apartments.
Owner—L. L. Roney, 1426 Franklin St.,
Oakland.
Architect—None.
Contractor—H. C. Knight, 1426 Frank-
lin St., Oakland. \$33,000

ALTERATIONS
(4702) 1640 THIRTEENTH AVE., Oak-
land. Alterations and additions.
Owner—A. Archbold, 1640 13th Ave.,
Oakland.
Architect—None.
Contractor—J. C. James, 2300 87th Ave.,
Oakland. \$1000

FLATS
(4709) W WARRING ST., 169 ft. N
Twilight Way, Berkeley. All work
for 2-story frame apt. flats.
Owner—Charles S. and Hannah Jane
Powell, 354 Alcatraz, Oakland.
Architect—None.
Contractor—H. W. McIntier, 1528
Franklin St., Oakland.
Filed ——— Dated ———
Payments not given.

TOTAL COST, \$14,740
Bond, sureties, none. Perfeit, \$5.00 per
day. Limit, 120 working days after
August 10, 1924. Plans and specifica-
tions not filed.

RESIDENCE
(4710) LOT 6, BLK. 6, Piedmont Ter-
race, 420 El Cerrito, Piedmont.
General construction, residence.
Owner—F. J. Woodcock, 4338 View,
Oakland.
Architect—A. W. Smith, American
Bank Bldg., Oakland.
Contractor—B. H. Schmidt, 2237 E-
19th St., Oakland.
Filed Sept. 8, 1924. Dated Sept. 4, 1924.
When frame is up \$1590.
When brown coat is finished. 1590
When completed 1590
Usual 35 days 1615
TOTAL COST, \$6385
Bond, sureties, forfeit, none. Limit, 75
working days after Sept. 4, 1924. Plans
and specifications filed.

RESIDENCE
(4711) 116 LA SALLE, Piedmont.
Residence and garage.
Owner—W. A. Hershisser, 30 Monte
Vista, Piedmont.
Architect—None.
Contractor—C. E. Burks, 4129 Ran-
dolph, Oakland. \$8000

RESIDENCE
(4712) 468 MOUNTAIN AVE., Pied-
mont. Residence and garage.
Owner—Miss A. M. and L. E. Johnson,
937 Bay View, Oakland.
Architect—None. \$20,000

RESIDENCE
(4713) 1407 OAKLAND AVE., Piedmont.
Residence and garage.
Owner—H. P. Fisher, Syndicate Bldg.,
Oakland.
Architect—None. \$5500

RESIDENCE
(4714) 1130 WINSOR, Piedmont. Resi-
dence and garage.
Owner—S. A. Weinstock, 220 Grand,
Oakland.
Architect—None.
Contractor—Chas. D. Hart, 664 Santa
Ray, Oakland. \$6000

RESIDENCE
(4715) 420 EL CERRITO, Piedmont.
Residence and garage.
Owner—F. T. Woodcock.
Architect—None.
Contractor—B. H. Schmidt, 2237 E-19th
St., Oakland. \$6300

RESIDENCE
(4716) — PROSPECT DRIVE, Pied-
mont. Residence and garage.
Owner—C. J. Pfrang, 480 Forest,
Oakland.
Architect—None.
Contractor—C. J. Pfrang. \$7000

RESIDENCE
(4717) 100 MAGNOLIA, Piedmont.
Residence and garage.
Owner—A. R. Goodmanson, 2140 San
Public Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th
St., Oakland. \$5850

RESIDENCE
(4718) 229 HIGHLAND AVE., Pied-
mont. Residence and garage.
Owner—F. B. Hopkins.
Architect—None.
Contractor—F. B. Hopkins, 1130 Kirk-
ham, Oakland. \$6000

RESIDENCE
(4719) 157 WILDWOOD, Piedmont.
Residence and garage.
Owner—A. Sutherland, 107 Ricardo,
Piedmont.
Architect—None.
Contractor—E. C. Newman \$5150

RESIDENCE
(4720) 325 MORAGO, Piedmont. Resi-
dence.
Owner—F. Schwenkler.
Architect—None.
Contractor—F. Schwenkler. \$5100

DWELLING
(4721) 3101 DEAKIN ST., Berkeley.
Dwelling.
Owner—Leigh Kelling, Grant St., Ber-
keley.
Architect—None.
Designer & Contractor—A. W. Potter,
4025 Agua Vista Ave., Oakland. \$5600

DWELLING
(4722) 3402 CALIFORNIA ST., Berke-
ley. Dwelling.
Owner—M. Schwind, 1805-A Bonita Ave
Berkeley.
Architect—None. \$2500

DWELLING
(4723) 1128 CHANNING WAY, Berke-
ley. Dwelling.
Owner—Kathryn Hildebrand, 1215 26th
St., Oakland.
Architect—None. \$2000

DWELLING
(4724) 1514 TENTH ST., Berkeley.
Dwelling.
Owner—Geo. Bettencourt, 1211 Evelyn
Ave., Berkeley.
Architect—None. \$2000

DWELLING
(4725) 1211 WARD ST., Berkeley.
Dwelling.
Owner—E. Harrison, 5430 Thomas St.,
Oakland.
Architect—None.
Designer & Contractor—L. A. Peters,
5313 Manila Ave., Oakland. \$2730

DWELLING
(4726) 3107 ADAMS ST., Alameda. 1-
story 6-room dwelling.
Owner—Riechel & Bredhoff, Alameda.
Architect—None.
Contractor—Jos. Flittner, 1700 35th
Ave., Oakland. \$4000

BUNGALOWS
(4727) REAR OF 2249 CENTRAL AVE
Alameda. 3 1-story 6-room duplex
bungalows.
Owner—R. C. Craven, 2249 Central
Ave., Alameda.
Architect—None.
Contractor—C. Tollefsen, 5817 C 17th
St., Oakland. \$2850 each

DWELLING
(4728) BATES RD. 60 S Martimer Rd.,
Oakland. 1-story 5-room dwelling.
Owner—Alex Lax, 436 Moss Ave., Oak-
land.
Architect—None. \$4000

ALTERATIONS
(4729) S E-TWELFTH ST. 140 W
High St., Oakland. Alterations.
Owner—Marshall & Burks, 1725 Web-
ster St., Oakland. \$1500
Architect—None.

DWELLING
(4730) N HOPKINS ST. 75 E Elston
Ave., Oakland. 1-story 6-room dwlg
Owner—L. Klingelhofer, 2015 Linden St
Oakland.
Architect—None. \$2500

DWELLING
(4731) W BOSTON AVE. 200 N Hop-
kins St., Oakland. 1-story 6-room
dwelling.
Owner—C. W. Peterson, 2011 Damuth
St., Oakland.
Architect—None. \$3250

DWELLING
(4732) 686 ARIMO AVE., Oakland. 1-
story 6-room dwelling.
Owner—J. Keaton, Owens Apartments,
Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Clare-
mont Ave., Oakland. \$7500

STORES
(4733) NE COR. TWELFTH & FAL-
lon Sts., Oakland. 1-story brick
stores.
Owner—Fat Boy Barbecue, 275 O'Far-
rell St., San Francisco.
Architect—Hutchinson & Mills, 1214
Webster St., Oakland.
Contractor—T. C. Wood, 302 31st Ave.,
San Francisco. \$3500

DWELLING
(4734) S MONTANA ST. 165 E Cham-
pion St., Oakland. 1-story 4-room
dwelling.
Owner—Rugg & Lisbon, 6047 Harwood
Ave., Oakland.
Architect—None. \$3000

DWELLING
(4735) W THIRTY-SEVENTH AVE 16
S E-16th St., Oakland. 1-story 3-
room dwelling and garage.
Owner—Jessie H. Mueller, 1455 36th
Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th
Ave., Oakland. \$2700

DWELLING
(4736) E SIXTY-FIRST AVE. 280 S
Eastlawn Ave., Oakland. 1-story 4-
room dwelling.
Owner—H. W. Collison, 1244 Grant
Ave., Oakland.
Architect—None. \$2000

DWELLING
(4737) N ALMA AVE 160 E CHAT-
ham Rd., Oakland. 2-story 5-room
dwelling.
Owner—H. O. Anderson, 6452 Harmon
Court, Oakland.
Architect—None.
Contractor—C. M. Gass, 2415 35th Ave.,
Oakland. \$5000

DWELLING
(4738) S ALTA VISTA AVE. 107 W
Mira Vista, Oakland. 1-story 6-rm
dwelling and garage.
Owner—R. L. Egenhoff, 3419 Andover
St., Oakland.
Architect—None.
Contractor—Geo. Windsor, 928 King-
ston Ave., Piedmont. \$7550

ADDITION
(4739) 847 THIRTY-SECOND STREET
Oakland. Addition.
Owner—John Fahy, 847 32nd St., Oak-
land.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St.
Oakland. \$2200

STORES & APTS.
(4740) E FOURTH AVE. 50 N E-20th
St., Oakland. 2-story 17-rm stores
and apartments.
Owner—H. G. Kennedy, 860 55th St.,
Oakland.
Architect—C. N. Burrell, American Bk.
Bldg., Oakland.
Contractor—J. J. Hauri, 822 56th St.,
Oakland. \$17,000

DWELLING
(4741) SURVEY NO. 1003 A BOOK 24
Page 50 made by C. C. Young E
Side Park Boulevard. All work for
1-story and basement frame dwlg.
Owner—Roberta C. and Edw. S. Rohr.
Architect—Miller & Warneke, 414 13th
St., Oakland.
Contractor—B. F. Woolley, 707 Adams,
Oakland.

Filed Sept. 10, 1924. Dated Sept. 6, 1924
 Frame up 1/4
 Plastering complete 1/4
 Completed and accepted 1/4
 Usual 35 days 1/4
TOTAL COST, \$63,924
 Bond, Forfeit, none; Limit, 90 working days from Sept. 9, 1924; Plans and specifications filed.

DWELLINGS

(4742) LOTS 32 33 34 35 36 37 & 38
 Blk 23 Resub of a ptn North Cragmont. Seven dwellings.
 Owner—Lillie M. Peck, 3103 Hamilton St., Los Angeles.
 Architect—Northern Supply Co. and W. D. Henderson, 251 Kearny St., San Francisco.
 Contractor—W. D. Henderson, 619 Mo-nadnock Bldg., S. F.
 Filed Sept. 10, 1924. Dated July 28, 1924
 Sum to be paid on completion of each building.

TOTAL COST, \$5000 per bldg.
 (Garage not included)
 Bond, Forfeit, none; Limit, 120 days from July 28, 1924; Plans and specifications filed.

DWELLING

(4743) LOTS 29 & 30 BLK 3 Bedkeley Heights, Berkeley. All work for 2-story 6-room dwelling and double garage.
 Owner—Marietta C. Mastick, 2611 Derby, Berkeley.
 Architect—F. Sprow, 2246 Fulton St., Berkeley.
 Contractor—Berkeley Building Co 2029 Shattuck Ave., Berkeley.
 Filed Sept. 10, 1924. Dated Aug. 29, 1924
 Frame up, plumbing roughed. \$3300
 Building enclosed 3300
 Completed and accepted 3300
 Usual 35 days 3000
TOTAL COST, \$12,900
 Bond, \$12,200; Sureties, Globe Indemnity Co.; Forfeit, \$5 day; Limit, 120 days from Sept. 2, 1924; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
 Sept. 4, 1924—LOT 17 BLK A TRIAN-gle Park, Berkeley. Chris B. Fox to Fox Bros. Aug. 30, 1924
 Sept. 4, 1924—LOT 18 BLK A SAN Pablo Park, Berkeley. Donald Ad-miral to whom it may concern. Sept. 4, 1924
 Sept. 4, 1924—LOT 120 BLK 31 HA-venscourt, Oakland. Walter Lee to P. A. Newby Sept. 4, 1924
 Sept. 4, 1924—LOT 155 NOVA PIED-mont, Piedmont. Margaret Ann Bequette to Blucher Bros. Aug. 30, 1924
 Sept. 4, 1924—LOTS 22 & 23 BLK 15 Resubdivision of Hollywood Lum-mings & White to Oakland Home Builders Inc. Sept. 4, 1924
 Sept. 4, 1924—LOT 3 BLK 20 HA-venscourt, Oakland. Lillian E. Mc-Cord to T. J. McCord Sept. 4, 1924
 Sept. 4, 1924—LOT 44 PTN LOTS 45 Havenscourt, Oakland. Mrs. E. Werling to Oakley & Kolmodin. Sept. 4, 1924
 Sept. 3, 1924—COM AT E COR 10 acre tract conveyed by Central Natl Bank to Victor Talking Ma-chine Co. said point com being on NE line of 71.63 acre tract con-veyed by Oak Bank to E. C. Du-rant and W. Havens, running SW along SE line 10 acre tract So 50 deg. 15 min. W 456-2/100 ft thence So 30 deg. 4 min. W 40 sec. E 544-29/100 thence N 58 deg. 18 min. 45 sec. E 453.81 ft. to NE line 71.63 acre tract, thence N 33 deg. 44 min. 4 sec. W 608-29/100 ft. to point com. containing 6 acres. Illinois Wire & Cable Co. to Dayton and Nicolson Sept. 2, 1924
 —to J. W. Bender Roofing & Pav-ing Co. Sept. 2, 1924
 Sept. 2, 1924—PTN BLK 15, Key Route Heights, Oakland. A. A. Richards to A. Meyer. Sept. 3, 1924
 Sept. 5, 1924—LOTS 13 AND 14, BLK 14, McGee Tract. Ralph C. Miller to Beadell & Lane. Sept. 2, 1924

Sept. 5, 1924—LOT 60 N 15 FT. LOT 59, Regents Park, Albany. Benj. R. Thompson to whom it may con-cern Aug. 28, 1924
 Sept. 5, 1924 — LOT 29, BLK. C, Fourth Ave. Park, Oakland. MAX E. Jachner to H. Goran. Sept. 5, 1924
 Sept. 5, 1924—LOT 51 BLK 3, Thous-and Oaks Heights, Berkeley. Maude A. Hamilton to Foster Sher-wood Sept. 4, 1924
 Sept. 5, 1924—LOT 88, EXCEPT SE 1/4 ft. Subdivision 31, Resub. Platina Park, Berkeley. Emil Seifert to H. Dubnoff Sept. 5, 1924
 Sept. 5, 1924—2054 109TH AVE., Oak-land. J. W. Sigwald to whom it may concern Sept. 5, 1924
 Sept. 5, 1924—2058 109TH AVE., Oak-land. J. W. Sigwald to whom it may concern Sept. 5, 1924
 Sept. 5, 1924—4615 EL CERITO AVE., Oakland. Mary L. Sullivan to N. J. Bucklane Aug. 28, '24
 Sept. 6, 1924—E GROVE 145 N 52nd Lot 3 Blk G, Santa Fe Tract No. 2, Oakland. John Cerruti, Ben Cer-ruti and John Peratti to whom it may concern Sept. 4, 1924
 Sept. 6, 1924—LOT 419 and Ptn 418 Stonehurst Extension, Oakland. E T Speed to whom it may concern. Sept. 1, 1924
 Sept. 6, 1924—BOND — 57 W 51st Ave., Oakland. George M. Anna Paul to Harry C. Knight August 18, 1924
 Sept. 6, 1924—N 40 FT. LOT 11 BLK 3, Graves and Taylor Tract, Oak-land. Clair Hayden Bell to Mason McDuffie Co. Sept. 4, 1924
 Sept. 8, 1924—LOT 100 SW 10th St. Lot 101 BLK 24, Havenscourt, Oak-land. W. E. Murlin to J. F. Pat-terson Sept. 1, 1924
 Sept. 8, 1924—LOT 5 MAP LITTLE-field Tract, S side Alcatraz Ave., 220 ft. E Shattuck Ave. Carl O. M. Kehler to whom it may con-cern Sept. 6, 1924
 Sept. 8, 1924—NW COR. HAAS AND Woodland Aves., San Leandro. E. A. Nelson to C. A. Gossett. Sept. 6, '24
 Sept. 8, 1924—W BROADWAY 128 to 250 ft. S Mosswood Park, Oakland. Hebrank Hunter & Peacock Co. to H. Iron Works Sept. 8, 1924
 Sept. 8, 1924—LOT 13, BLK. F, SO. Ptn. Blake Tract. Edw. W. Lar-mer to whom it may concern. Sept. 8, 1924
 Sept. 8, 1924—LOT 5, BLK. O, Lynn Homestead, 1553, 1555 E 31st St., Oakland. Chas. Howard to whom it may concern Sept. 8, 1924
 Sept. 8, 1924—LOT 30, PTN, 29, Lin-coln Homestead Union, Oakland. Elsie W. Rand to M. E. Hopper & Sons Sept. 8, 1924
 Sept. 10, 1924—PTN LOT 11, BLK 12, Havenscourt, Oakland. Ashley Smith to H S Foreman. Sept. 6, 1924
 Sept. 10, 1924—LOTS 12 AND 13 BLK 18, Lakeshore Highlands, Oakland. John H. Vogel to C M Gass Sept. 6, 1924
 Sept. 10, 1924—NO. 385 AND 387 Orange St., Oakland. Frederick King Perkins and Geo. Perkins to Harry C Knight. Sept. 5, 1924
 Sept. 10, 1924—LOCAATION NOT GIVEN Oakland. Pacific Gas & Electric Co. to MacArthur Pile & Founda-tion Sept. 10, 1924
 Sept. 10, 1924—LOT 30 BLK 1, Dwight Way Terrace, Berkeley. Eugene C and Marie A. Foubert to James V. Frazier Aug. 30, 1924
 Sept. 10, 1924—N 1/2 ELLI AVE. 330 NE Lynde, Oakland. Anna B. and Albert B. Guhl to J. Flittner. Sept. 6, 1924
 Sept. 10, 1924—NO. 1701, A R C H ST., Berkeley. N M and Ella M Miller to C C Lewis Aug. 15, 1924
 Sept. 10, 1924—PTN LOTS 10 AND 11 Blk 16, Thousand Oaks, Oakland. Hans C Andersen to whom it may concern. Sept. 10, 1924
 Sept. 10, 1924—BLK BDED BY 46th, 45th, Adeline and Linden Sts., Emeryville. Aluminum Cooking Utensil Co to K E Parker Co. Aug. 30, 1924
 Sept. 8, 1924—W 66 FT. LOT 11 BLK H, Grand Ave Heights, Oakland. H W Haler to whom it may con-cern Sept. 8, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
 Sept. 4, 1924—2964 GEORGIA ST. Lot 24 Maple Crest, Oakland. W. Netherby to Mrs. Amye Buck, A. H. and Minnie E. Monez. \$60
 Sept. 4, 1924—W FIFTH AVE. 75 FT. N. of 15th St. Oakland, California. Door Co. to Martin Mangall. \$764.20
 Sept. 4, 1924—5833 PATTON ROAD. Rhodes-Jamieson Co. to L. L. Lu-cas \$95
 Sept. 4, 1924—W PATTON ST 170 FT. Jim S In Chabot Road. E. K. Wood Lumber Co. to L. L. Lucas, A. J. Jines \$39
 Sept. 6, 1924—LOT 4 BLK 6, Brook-dale Terrace, Oakland. J S Aston C D Knolly to \$833.65
 Sept. 6, 1924—LOT 12 BLD 6, Lake-mont, Oakland. Charles F Osgood vs G C Estes. \$45
 Sept. 6, 1924—LOT 12 BLK 6, Lake-mont, Oakland. Fred W Fischer vs G C Estes \$37.30
 Sept. 6, 1924—LOT 12 BLK 6, Lake-mont, Oakland. J Watson Howden vs G C Estes. \$100.50
 Sept. 6, 1924—LOT 12 BLK 6, Lake-mont, Oakland. Smith Hardware Co vs G C Estes. \$126
 Sept. 6, 1924—LOTS 19 AND 20, 18, Shattuck Tract, Berkeley. General Mill & Lumber Co and G A Johnson vs John Matella. \$202.21
 Sept. 5, 1924—LOT 7, S 12.86 FT. Lot 6, Blk. G, Grand Ave. Heights by the Parks, Oakland. H. Soren-son vs F. M. Netherby \$94.50
 Sept. 5, 1924 — 539.17 ACRES IN Warm Springs. Tilden Lumber & Mill Co. vs. F. J. Kelley. \$1219.50
 Sept. 5, 1924—1601 MARIN ST. (lot 14, blk. 19), Northbrae, Albany. Rhodes-Jamieson & Co. vs. Ellen Hall and Henry C. Heyneman. \$91.20
 Sept. 5, 1924—1601 MARIN STREET, Berk., Lot 14, Blk. 19, Northbrae, Albany. Lee J. Immel vs. Ellen Hall and Henry C. Heyneman. \$50.00
 Sept. 5, 1924—PTN. LOTS 52 AND 53 Alameda Map Alta Piedmont Tract Piedmont. J. Shor vs. C. M. Burdick \$283.5
 Sept. 8, 1924—LOTS 4 AND 5 AND Ptn. 6, Map Redwood Glen Tract, Oakland. G. B. Pasqualetti vs. B. H. Shaw. William and Isabella Hamilton, and Oregon & California Amusement Co. \$1757.
 Sept. 8, 1924—LOTS 4 AND 5, PTN. 8, Map Redwood Glen Tract, Oak-land. Constantino Fargioni vs. B. H. Shaw, William J. and Isabella Hamilton, and Oregon & California Amusement Co. \$200.
 Sept. 8, 1924—LOTS 4 AND 5, AND Ptn. 6, Redwood Glen Tract, Oak-land. Mark T. Jorgensen vs. B. H. Shaw, William J. and Isabella E. Hamilton, and Oregon & Cal-ifornia Amusement Co. \$100
 Sept. 8, 1924—LOT 127 AND PTN. OF Lot 126, Blk. 30, Havenscourt, Oak-land. T. N. Cox vs. F. C. Duerr \$82.30
 Sept. 10, 1924—LOT 6 BLK A SAN Pablo Park No. 2, Berkeley. J. B. Franklin vs A. J. Simon and F. W. Borden \$131.50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
 Sept. 5, 1924—LOT 36 AND 37 BLK. 7, Havenscourt, Oakland. Sunset Lumber Co. to C. T. Nielsen and R. O. McCline \$337.59
 Sept. 5, 1924—LOT 8, BLK. 17, Dal-veys Scenic Park Berkeley. J. R. Hennessey to E. R. Bowlen and \$19.35
 Sept. 6, 1924—LOT 8, Huff Tract, Ala-medra County. L H Bullard Elec Co to F M Neher \$19.35
 Sept. 8, 1924—S. COR. FRANKLIN St. and 17th St. Oakland. William Murray to H. N. Turrell. \$36.12

Oakland Building Summary

Following is a report covering building operations in Oakland for the month of August, 1924, as compiled by T. W. Ayvan, city building inspector:

Classification of Bldgs.	No. of Permits	Cost
1-st dwellings.....	330	\$1,021,745
1-st 2-family dwellings.....	7	43,450
1-st dwlg & store.....	2	8,600
1½-st dwellings.....	4	19,350
2-st dwellings.....	16	118,350
2-st flats.....	1	3,000
2-st flats & stores.....	2	23,670
2-st apartments.....	9	126,350
2-st apartments & stores.....	2	31,000
3-st apartments.....	5	144,000
1-st stores.....	8	43,515
1-st whse & mill.....	1	20,000
1-st office.....	3	3,500
1-st school.....	9	13,500
1-st hall.....	1	4,500
1-st shop.....	3	2,350
1-st greenhouse.....	1	1,000
2-st stores & offices.....	1	19,100
1-st brk service station.....	4	4,125
1-st brick comfort strn.....	2	700
1-st brick garage.....	1	6,550
1-st brick stores.....	2	17,340
1-st brick addition.....	2	17,800
1-st brick warehouse.....	1	12,000
2-st brk stores & offices.....	1	14,000
2-st brk apmnts.....	2	185,000
1-st brk & tile garage.....	1	18,000
3-st brick & tile stores & offices.....	1	120,000
2-st brk & conc school.....	1	103,328
2-st concrete garages.....	2	700
2-st concrete stores.....	1	50,000
2-st concrete loft bldg.....	1	18,000
2-st concrete stores.....	1	90,000
1-st tile dwelling.....	1	4,300
1-st tile garage.....	4	1,430
1-st tile office.....	1	1,000
1-st tile shop.....	1	4,000
1-st tile addition.....	1	980
8-st steel & conc add'n.....	1	450,000
1-st garages & sheds.....	330	73,200
Electric signs.....	40	13,076
Billboards.....	1	1,250
Roof sign.....	1	3,000
Incinerator.....	1	218
Additions.....	98	61,433
Alterations & repairs.....	191	102,859
Total.....	1113	\$3,026,716

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, \$4000; No. 725 S-Fifth St., Fresno; owner, Maisler Bros., 2244 Railroad Ave., Fresno; contractor, J. E. Grant, 835 E. St., Fresno.

ALTERATIONS, \$4500; Roosevelt Ave. and Divisadero St., Fresno; owner, Union Oil Co. of Calif., Premises.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Sept. 3, 1924—LOTS 18 AND 19 BLK 8, Roeding Addition, Fresno. G. J. McNeece and Gladys E. Gould to Roy Martin.....Aug. 30, 1924

LIENS FILED

FRESNO COUNTY

Recorded Accepted
Sept. 3, 1924—LOT 3, Robinson Tract No. 2, Fresno. Anderson Planning Mill vs Victor E. Laine.....\$89

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$4500; No. 1217 W-Magnolia Sts., Stockton; owner, R. L. Baker; contractor, H. W. Johnson, 301 Sonoma St., Stockton.

DWELLING and garage, \$4000; No. 1229 West Park St., Stockton; owner, R. G. Polson.

DWELLING & garage, \$3500; No. 1313 W-Flora St., Stockton; owner, J. B. Jackson, 130 W-Jackson St., Stockton.

DWELLING & garage, \$8500; No. 2105 Center St., Stockton; owner, J. E. Bell, 814 N-Sutter St., Stockton; contractor, F. M. Liscum, 1234 N-Baker St., Stockton.

ADD to hotel, \$10,000; No. 417 E-Market St., Stockton; owner, George L. Wolf, 741 E-Weber St., Stockton; contractor, E. H. Riley, First Nat'l. Bldg., Stockton.

APARTMENTS, \$15,000; No. 17-23 W-Center St., Stockton; owner, Mrs. C. B. Higby.

DWELLING and garage, \$4000; No. 1317 College Drive, Stockton; owner, William Peenstra, 125 Kensington Way, Stockton.

DWELLINGS (2) and garages, \$4000 each; No. 1601-1617 Lucerne Ave., Stockton; owner, William Peenstra, 125 Kensington Way, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Sept. 5, 1924—LOTS 1 AND 2 BLK 28 of East Stockton Add'n, Supplement No. 2, Stockton. Frances Giordano to W. J. Mattingly.....Sept. 5, 1924

Sept. 5, 1924—LOT 16 BLK 2 Map of La Bonita Park being subdiv of portion of City of Tracy. W. W. Webb to C. L. Few.....Sept. 3, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Aug. 30, 1924—LOTS 1 AND 3 BLK 131 East of Center St., Stockton. W. R. Satterberg vs E. Gould and D. G. Johns (as Gould & Johns).....\$270

Sept. 2, 1924—LOT 16 BLK 9, Lake Park Tract, Stockton. Levi P. Hanev vs Ralph E. and Marie M. Thompson.....\$61.50

Sept. 2, 1924—LOT 12 BLK 9, Lake Park Tract, Stockton. Levi P. Hanev vs Alfred J. Cannon and wife.....\$61.50

Sept. 2, 1924—LOT 15 BLK 9, Lake Park Tract, Stockton. Levi P. Hanev vs Jack and Blanche O'Connor.....\$64.50

Sept. 2, 1924—LOT 13 BLK 9, Lake Park Tract, Stockton. Levi P. Hanev vs George D. and Gladys D. Mullis.....\$64.50

Sept. 2, 1924—LOTS 1 AND 3 BLK 131 of Center St., Stockton. Walter Charboneau, \$46.10; The Stockton Paint Co., \$170.99; A. L. Solon and F. P. Schimmel (as S & S Tile Co.), \$48.90 vs R. Gould and D. G. Johns (as Gould & Johns).....\$312.14

Sept. 5, 1924—LOT 11 BLK 274, E. of Center St., Stockton. John Jackson McIntire (as Union Street Lumber Yard) vs Leo and Maria De Lorenzo.....\$112.14

Sept. 5, 1924—LOT 16 BLK 2, Fisher's Add'n to Stockton. John Jackson McIntire (as Union Street Lumber Yard) vs Louis and Peter Rubino.....\$58.13

BUILDING CONTRACTS

SACRAMENTO COUNTY

CATHEDRAL ELEVENTH AND K STS., Sacramento. No. 150 rough cash-asbestos shingle and Underwriters' Class B asbestos roofing for Cathedral building. Owner—Rev. P. J. Keane, Roman Catholic Bishop, 2030 M St., Sacramento

Contractor—Larson Roofing & Supply Co., 1015½ Tenth St., Sacramento. Filed Aug. 12, '24. Dated Aug. 12, '24.

TOTAL COST, \$12,750

Bond, limit, forfeit, plans and specifications, none.

DWELLING, one-story 5-room and garage, \$2500; No. 600 San Angel Way, Sacramento; owner, R. S. Downer, R. 7 Box 1285, Sacramento.

DWELLING, one-story 5-room and garage, \$3000; No. 324 —, Sacramento; owner, N. E. Peterson, 1401 Lack Brae Rd., No. Sacramento.

DWELLING, one-story 5-room and garage, \$4850; No. 2648 17th St., Sacramento; owner, J. Laund, 1513 X St., Sacramento; contractor, F. L. Terra, 1732 W St., Sacramento.

FLATS (2) 4-room, \$4500; No. 320 W St., Sacramento; owner, H. Sora, 309 W St., Sacramento; contractor, S. Johnson, 1511 7th St., Sacto.

DWELLING, one-story 5-room and garage, \$3600; No. 2680 —, Freeport Blvd., Sacramento; owner, F. Henry, 2676 Freeport Blvd., Sacramento; contractor, W. A. Hall, 1525 48th St., Sacramento.

DWELLING, one-story 5-room and garage, \$2600; No. 4416 G St., Sacramento; owner, J. Stenhofer, 3302 24th St., Sacramento.

DWELLING, one-story 6-room and garage, \$4500; No. 2665 6th Ave., Sacramento; owner, E. R. Beebe, 916 38th St., Sacramento.

DWELLING, one-story 5-room, \$4275; No. 2024 24th St., Sacramento; owner, J. E. Osborn, 2140 P St., Sacramento; contractor, S. R. Beebe.

DWELLING, one-story 5-room and garage, \$500; No. 4509 T St., Sacramento; owner, P. J. Lombardi, 811 F St., Sacramento; contractor, J. P. Howell, 1837 47th St., Sacramento.

DWELLING, one-story 5-room and garage, \$3000; No. 3252 Marshall Way, Sacramento.

DWELLING, one-story 6-room, \$5500; No. 2801 3rd Ave., Sacramento; owner, L. E. Hoopes, 400 Sloat Way, Sacramento; contractor, J. W. Hoopes, 6126 14th Ave., Sacramento

DWELLING, 2-story and garage, \$12,500; No. 2668 Montgomery Way, Sacramento; owner, E. Kercheval, Courtland; contractor, Herndon & Finnigan, 1814 17th St., Sacto.

DWELLING, 1-story 5-room and garage, \$3500; No. 1556 33rd St., Sacramento; owner, J. A. Bastain, 1849½ 41st St., Sacramento.

DWELLING, one-story 5-room and garage, \$3640; No. 1478 24th St., Sacramento; owner, J. Watson, 2321½ N St., Sacramento; contractor, Jos. Pedoni, 914 F St., Sacramento.

DWELLING, one-story 5-room and garage, \$3000; No. 1417 8th St., Sacramento; owner, A. Gaddis, 1441 48th St., Sacramento; contractor, Kinny & McAdams, Fair Oaks.

DWELLING, one-story 5-room and garage, \$3000; No. 3545 T St., Sacramento; owner, A. C. Zallio, 3719 1st Ave., Sacramento.

DWELLING, 1-st 5-room and garage, \$4500; No. 609 24th St., Sacramento; owner, M. A. Stillwell, 519 8th St., Sacramento; contractor, Thos. B. Hunt, 1510 30th St., Sacramento.

DWELLING, one-story 5-room and garage, \$3800; No. 622 —, Sacramento; owner, W. H. Hammill, 2109½ J St., Sacramento; contractor, Thos. B. Hunt.

DWELLING, one-story 10-room and garage, \$10,000; No. 1301 43rd St., Sacramento; owner, John T. Skelton, 1015 20th St., Sacramento; contractor, E. D. Brier, 2809 S St., Sacto.

DWELLING, one-story 5-room and garage, \$5000; No. 2912 4th St., Sacramento; owner, A. F. Henning, 1122 O St., Sacramento; contractor, E. D. Brier.

DWELLING, one-story 6-room and garage, \$3500; No. 1417 51st St., Sacramento; owner, Chas. Brier, 1720 L St., Sacramento; contractor, E. D. Brier.

DWELLING, one-story 6-room and garage, \$5700; No. 929 46th St., Sacramento; owner, R. B. Hibbit, 2609 G St., Sacramento; contractor, E. V. Bilkey, 4659 Elliott Way, Sacto.

DWELLING, one-story 4-room and garage, \$2500; No. 2732 31st St., Sacramento; owner, P. J. Traynor, 3742 5th Ave., Sacramento.

GENERAL repairs, \$6000; No. 710 L St., Sacramento; owner, J. Stahl, Frem. contractor, Siller Bros., 1616 13th St., Sacramento.

FLATS (2) 2-story and garage, \$11,000; No. 1104 35th St., Sacramento; owner, Chas. J. Chen, 2812 J St., Sacramento; contractor, J. T. Gormley, 1152 Santa Barbara Way, Sacto.

DWELLING, one-story 5-room and garage, \$3000; No. 1416 —, Yuba Way, Sacramento; owner, E. M. Reigh, 1025 P St., Sacramento.

DWELLING, 3-room and garage, \$2500; No. 1441 Santa Ynez Way, Sacramento; owner, J. D. Obenchain; Premises; contractor, Schluter & Bosinberg, 1441 Santa Ynez Way, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Aug. 21, 1924—LOTS 10 AND 11 BLK 9, South Sacramento. Lillian K. & O J Preston to whom it may concern. Aug. 16, 1924
Aug. 23, 1924—LOT 34, East Terrace, Sacramento. Homer D Jones to whom it may concern. Aug. 1924
Aug. 25, 1924—LOT 72, Parkside. Alexander M Day to whom it may concern. Aug. 16, 1924
Aug. 28, 1924—LOTS 5 AND 6 and E 1/2 Lot 7 E 1/2 of W 1/2 and S 1/2 of W 1/2 of W 1/2. T. K. L. 115 and 12th Sts. Sacramento. Hotel Senator Corp to whom it may concern. Aug. 20, 1924; Same. Same to Same. Aug. 20, 1924
Aug. 28, 1924—LOT 24, Iverson Trct., Sacramento. Carl J Estey to whom it may concern. Aug. 26, 1924
Aug. 28, 1924—E 34 LOT 38 and W 6 Lot 37, Casita Sub., Sacramento. Harlow C Bader to whom it may concern. Aug. 26, 1924
Aug. 29, 1924—LOT 2064, W & K Tet 24, Annex, Sacramento. D C Cady to whom it may concern. Aug. 28, 1924
Aug. 29, 1924—LOT 20, Parkside. Ben L Ele to whom it may concern. August 23, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Aug. 28, 1924—E 1/2 OF W 1/2 Lot 2, J. K. 9th and 10th Sts., Sacramento. Chas S Mabrey Co vs Clara A Oakley \$411.62
Aug. 28, 1924—E 1/2 OF W 1/2 Lot 2, J. K. 9th and 10th Sts., Sacramento. Mabrey & Barton vs Clara A Oakley \$1706.04

BUILDING CONTRACTS

SANTA CLARA COUNTY

BUNGALOW, ETC.
S 1/2 LOT 10 and N 1/2 Lot 4 Rik 23, Reed's Addition, San Jose. All work for one-story frame bungalow and 12x16 frame garage.
Owner—Louis Bruch, 1000 S-7th St., San Jose.
Architect—None.
Contractor—Charles A. Del Ponte, 918 S-Ninth St., San Jose.
Filed Sept. 8, '24. Dated Sept. 2, '24.
Frame up. Deed to S 1/2 of Lot 4 Rik 23, Reed's Addn.
2nd coat plaster on. \$904.97
Building completed. 904.98
Usual 35 days. 936.65
TOTAL COST \$3274.00
Bond, limit, forfeit, none. Plans and specifications filed.
STORE BLDG.
W S-FIRST ST. near the SE Cor. of First and San Salvador Sts., San Jose. All work for one-story brick and frame store building.
Owner—George Prividevich, 1102 Lincoln St., San Jose.
Architect—Chas. McKenzie, San Jose Bank Bldg., San Jose.
Contractor—R. O. Summers, 17 N-First St., San Jose.
Filed Sept. 8, '24. Dated Sept. 5, '24.
Foundation completed. \$1331.75
Brick walls up. 1331.75
Usual 35 days. 1331.75
TOTAL COST \$3274.00
Bond, \$3000. Sureties, Chas. W. Brown and W. G. Holmes. Limit, 60 days from Sept. 8, 1924. Forfeit, none. Plans and specifications filed.

COTTAGE, 5-room, \$2500; Fuller St. near Prevost, San Jose; owner, Leo Schutte, 12 S-21st St., San Jose. COMBINATION store and living rooms, \$470; Jackson St. near Fourth St., San Jose; owner, Chan Wing Jing, 656 N-Sixth St., San Jose; contractor, Geo. Kemp, 463 Washington St., Santa Clara.

RESIDENCE, 6-room, \$3500; Eighth St. near Martha St., San Jose; owner, Olander Olson, 280 Washington St., San Jose.

RESIDENCE, one and one-half-story 6-room, \$6500; 15th St. near Reed St., San Jose; owner, Alfred Jones, 615 S-15th St., San Jose.

ALTERATIONS, \$2200; No. 176-178 S-Market St., San Jose; owner, V. A. Scheller; architect, Wolfe & Higgins, Auzares Bldg., San Jose; contractor, R. O. Summers, 17 N-First St., San Jose.

RESIDENCE, 6-room, \$6000; 17th St. near Mission, San Jose; owner, M. E. Madden, 405 E-Santa Clara St., San Jose; architect, Wolfe & Higgins, Auzares Bldg., San Jose.

ALTERATIONS, \$5325; No. 357 S-First St., San Jose; owner, Geo. Prindivision, 1102 Lincoln St., San Jose; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, R. O. Summers, 17 N-First St., San Jose.

RESIDENCE, \$2500; Santa Clara St. nr. 34th, San Jose; owner, J. Carreira, Premises; contractor, F. C. Paskie, 25 S-King Road, San Jose.

COMBINATION, garage and living room, \$1100; Sixteenth St. near William, San Jose; owner, R. B. Fawcett, 122 S-16th St., San Jose; contractor, John Johnson.

RESIDENCE, 6-room, \$3800; 3rd St. nr. Mission St., San Jose; owner, J. H. French, 579 N-San Pedro St., San Jose.

ALTER business building, \$10,505; No. 238 W-Santa Clara St., San Jose; owner, Elsa Campen, 156 W-Santa Clara St., San Jose; architect, Herman Krause, Bank of San Jose Bldg., San Jose; contractor, Morrison Bros., 70 W-San Antonio St., San Jose.

ALTERATIONS, \$2090; No. 112 S-First St., San Jose; owner, E. L. Bothwell; architect, H. Krause, Bk. of San Jose Bldg., San Jose; contractor, G. M. Latta, 25 Rhodes Ct., San Jose.

RESIDENCE, 5-room, \$4800; 14th near William St., San Jose; owner, W. R. Lomax, 327 E-San Carlos St., San Jose.

RESIDENCE, 5-room, \$3745; Ninth St. near Martha, San Jose; owner, L. Burch, 1000 S-7th St., San Jose; contractor, J. A. Del Ponte, 918 S-Ninth St., San Jose.

COTTAGE, 5-room, \$2500; Harliss St. near Edwards St., San Jose; owner, Hugh E. Baylies, 910 Harliss St., San Jose.

ALTER business building, \$2800; San Antonio and Market Sts., San Jose; Lessee, J. Williams; contractor, Megna & Newell, 65 W-San Fernando St., San Jose.

RESIDENCE, 5-room, \$4500; No. 245 N-Twenty-fifth St., San Jose; owner, Edw. Preston, Premises; architect, Wolfe & Higgins, Auzares Bldg., San Jose.

APARTMENTS, two-story (4 apts.), \$8000; Reed St. near Fifth St., San Jose; owner, Wm. J. Shelton, 135 Reed St., San Jose; architect, H. W. Hieble, 518 S-Second St., San Jose.

RESIDENCE, 2-story 7-room, \$12,800; Sixteenth St. near William, San Jose; owner, W. M. Contheimer, 94 N-1st St., San Jose; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, De Cola & Weldon, Builders' Exchange, San Jose.

COTTAGE, 4-room, \$3400; Spencer St. near Brown, San Jose; owner, Geo. Haukeren, Premises; contractor, R. E. Ford, 86 Myrtle St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Aug. 30, 1924—LOT 28, Hanchett Court, San Jose. Joe J Ferrelra to whom it may concern. Aug. 30, 1924
Sept. 2, 1924—No. 6 RAMON AVE. near Coe Ave., San Jose. C J Wolfe to E L Wolfe. Sept. 2, 1924
Sept. 2, 1924—SW LOCUST SE 105 ft. SE Hedding St. SE on Locust St. 45 ft. L SW 115 ft. L NW 45 ft. NE 115 ft. to E Hedding St. Joseph and Bienna Newman to whom it may concern. Aug. 30, 1924
Sept. 2, 1924—SE HEDDING ST. SW 115 ft. SW Locust St. SW on Hedding 42-6 right angles 450 ft. L NE 42-6 L NW 150 to beg. San Jose. Joseph and Bienna Newman to whom it may concern. August 30, 1924
Sept. 2, 1924—SE HEDDING ST. dist SW 57-6 SW Locust St. SW on Hedding 42-6 SE 150 NE 42-6 NW 150, San Jose. Joseph and Bienna Newman to whom it may concern. August 30, 1924
Sept. 2, 1924—SW LOCUST SE 150 SE Hedding St. SE on Locust 50x100 Part Block 41 University Grounds, San Jose. Joseph and Bienna Newman to whom it may concern. August 30, 1924
Sept. 2, 1924—NE CHESTNUT SE 150 SE Hedding St. SE 50x200, Part Blk 41 University Grounds, San Jose. Joseph & Bienna Newman to whom it may concern. Aug. 30, 1924
Sept. 2, 1924—SE HEDDING and SW Locust SW 30x105, Part Blk 41, University Grounds, San Jose. Joseph and Bienna Newman to whom it may concern. Aug. 30, 1924
Sept. 2, 1924—SE HEDDING 30 SW Locust SW 42 1/2 x105 Part Blk 41, University Grounds, San Jose. Joseph & Bienna Newman to whom it may concern. Aug. 30, 1924
Sept. 2, 1924—SE HEDDING 12 1/2 SW Locust SW 42 1/2 x105 Part Blk 41, University Grounds, San Jose. Joseph & Bienna Newman to whom it may concern. Aug. 30, 1924
Sept. 3, 1924—SW corner Lots 40 and 41 SW 42 1/2 x50 NW 100 Part Lots 41 and 42 Blk 1, Burrell Park, San Jose. W Altevogt to whom it may concern. Aug. 28, 1924
Sept. 2, 1924—ALAMEDA 113 ft x130 chs Part Lot 14, Los Coches Rcho, also all tract lying bet. lands above and the Alameda Road, San Jose. Jacob Atlas to whom it may concern. Aug. 28, 1924
Sept. 3, 1924—PART LOT 2 BLK 16, Chapman and Davis Tet, San Jose. Wm F Pogue to whom it may concern. Aug. 28, 1924
Sept. 3, 1924—LOT 2 Adams and Willow Sts. fronting 50 ft. on Orchard and 100 on Willow St., San Jose. S and D Bruno to A M Wiest. Aug. 28, 1924
Sept. 4, 1924—LOT 2 Adams and Keller Addn., San Jose. Allen J Close to whom it may concern. August 27, 1924
Sept. 3, 1924—LOT 2 BLK 1, Cook Subdivision, San Jose. George McKillop to whom it may concern. August 29, 1924
Sept. 8, 1924—LOT 583 S-14TH ST. San Jose. Dr. Dorothea Lee to whom it may concern. Sept. 6, '24
Sept. 8, 1924—LOTS 8, 9, 10 BLK 44, College Terrace, San Jose. Steve and Mary Eljanovich to whom it may concern. Aug. 27, 1924
Sept. 10, 1924—PLOT OF GROUND immediately adjacent to present Walter Hays School lying in ptn Blk 103, Palo Alto. Board of Education of the Palo Alto School Dist to George Bertsche and B H Briggs (as Bertsche & Briggs). Sept. 8, 1924
Sept. 10, 1924—LOTS 21, 22 AND 23, Scharf Subdivn in Alto Vista Tract San Jose. Edward G W and Mary Harmon to whom it may concern. Sept. 4, 1924

PIERCE-BOSQUIT Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

LIENS FILED

SANTA CLARA COUNTY

Recorded
Sept. 2, 1924—PTN LOT 13, Hills & Sampson Tract, San Jose. Tilden Lumber & Mill Co vs Anna L. and Charles W. Kemling. \$591.65
Sept. 2, 1924—RE MYRTLE AND SE Hedding NE on Hedding 100x200 ft. to be part Lot 1 Blk 13, University Grounds, San Jose. Tilden Lumber & Mill Co vs Arthur L. and Emma A. Giesey. \$124.20
Sept. 4, 1924—ALL LAND BORED BY 11th, 12th and Martha Sts., San Jose. R C Herschbach and Samuel Scialino vs Home of Beneficence. \$839.10

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded
Aug. 29, 1924—LOT 7 Schiele Sub 2, being part of the Los Coches Rancho, Los Coches. Sunset Lumber Co, \$681.30 Tilden Lumber & Mill Co, \$65.50 to Wm F and Lena N Pagani.
Aug. 30, 1924—PTN LOT 4 BLK 6, University Grounds, San Jose. Pacific Mfg Co to R C Washburn. \$672
Sept. 1, 1924—PTN LOT 4 BLK 6, University Grounds, San Jose. Art Fixture Shop to R C Washburn. \$64.80
Sept. 2, 1924—LOT 26 and part Lot 27, Blk 7, Range 2 W. Meves. South western Addition, San Jose. Art Fixture Shop to Frank Lauricella. \$169
Sept. 1, 1924—W. T. WENTON—FIRST St. 3.71 SE from line bet. 16 and 17 NW 56.19x116 Part Lots 16 and 17 Blk 16, Beachs Addn., San Jose. Sunset Lumber Co, \$160.15; Wm B Stone, \$45; Southern Lumber Co, \$75.21; Williams & Russo, \$137.78 to Michael K and Minnie C Muller.

BUILDING CONTRACTS

SAN MATEO COUNTY

CHURCH
LOT 16 BLK 6, Griffith Ave., San Mateo. All work for one-story church. Owner—The Grace Lutheran Church. Architect—None.
Contractor—H. T. Holsher.
Filed Sept. 4, '24. Dated Sept. 4, '24. As work progresses. 75%
Usual 35 days. TOTAL COST, \$5820
Bond, limit, forfeit, none. Plans and specifications filed.
SOUTH SAN FRANCISCO. All work for addition to water system.
Owner—South San Francisco Water Co. South San Francisco. Architect—None.
Contractor—James Currie, 1100 Peninsula Ave. Burlingame.
Filed Sept. 4, '24. Dated Aug. 30, '24. 1st payment. 75%
Usual 35 days. 25%
TOTAL COST—About A 5200' cast pipe, 40c; E 1900 6" cast pipe, 54c; C 1915 8" cast pipe, 59c; D 560 12" cast pipe, 154c; E 3830 18" cast pipe.
Bond, \$5000. Surety, Globe Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

BUNGALOW
PART LOT 5 BLK 83, South San Francisco. All work for bungalow. Owner—W. P. Fuller & Co., 301 Mission St., San Francisco. Architect—None.
Contractor—Mayer Bros., 1 Montgomery St., San Francisco.
Filed Aug. 30, '24. Dated Aug. 21, '24. Roof sheathed. \$717.83
Brown coated. 717.82
Completed. 717.83
Usual 35 days. 717.82
TOTAL COST, \$2871.30
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOT 26 BLK 10, Burlingame Terraces, Burlingame. All work for residence and garage.

Owner—Louis and Marie Smaus. Architect—None.
Contractor—G. W. Williams Co., 1321 Capuchino St., Burlingame.
Filed Aug. 28, '24. Dated Aug. 28, '24. Roof on. 75%
Brown coated. 75%
Completed. 75%
Usual 35 days. TOTAL COST, \$4500

Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.
N. SIDE BROADWAY COM. 85.73 FT. westerly from Main St. thence 30 ft westerly, Redwood City. All work Owner—San Mateo County Building & Loan Association, 90 Broadway, Redwood City.

Architect—Alfred Coffey, Humboldt Bank Bldg., San Francisco. Contractor—Arthur Payne, Oak Knoll, Redwood City.

Filed Sept. 2, 1924. Dated Aug. 28, 1924 1st each month. 75%
Usual 35 days. 25%
TOTAL COST, \$20,065

Bond, \$10,032.50; Sureties, Aetna Casualty; Forfeit, \$10; Limit, 100 wk. days; Plans and specifications filed.

THEATER BLDG.
NW UNIVERSITY AVE. & RAMONA ST. NW 100 Ft NE 70 NW 155 SW 110 SE 55 SW 15 NE 50 NE 5.03-8 SE 50 NE 24 ft 1 1/2 in. SE 100 NE 25 ft to beg. Palo Alto. All work for theatre building.

Owner—Palo Alto Theatre Co., Palo Alto.

Architect—Weeks and Day. Contractor—Barrett & Hilp.

Filed Sept. 6, 1924. Dated Sept. 5, 1924. As work progresses. 75%
Usual 35 days. 25%
TOTAL COST, \$109,622

Bond, \$55,000; Surety, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, to be completed on or before April 5, 1925; Plans and specifications filed.

STATION
SAN MATEO. All work for frame station or depot.

Owner—Southern Pacific Co., 65 Market St., San Francisco.

Architect—None. Contractor—C. G. and Owsley, 74 New Contracting Co., San Francisco.

Filed Sept. 8, 1924. Dated Sept. 2, 1924. Monthly estimate. 75%
Usual 35 days. 25%
TOTAL COST, \$17,874

Bond, \$17,874; Sureties, Fidelity and Deposit Co. of Maryland; Forfeit, none; Limit, 100 working days; plans and specifications filed.

GARAGE
LOT 3 BLOCK 2 KNOWLES TRACT.

Daly City. All work for 1-story & basement dwelling and garage.

Owner—George & Ethel Heidtmann.

Architect—None. Contractor—Joseph S. Fratessa, 890 Girard, San Francisco.

Filed Sept. 6, 1924. Dated Sept. 2, 1924. Framed. \$1040

Plaster. 1100

Completed and accepted. 1100

Usual 35 days. 1100

TOTAL COST, \$4340

Bond, Forfeit, none; Limit, 120 working days; Plans and specifications filed.

ERECT MARQUIS, \$1000; Garden Theatre; owner, M. E. Hopper & Son, 1117 Webster St., Oakland; work done by Electrical Products Company.

BUNGALOW and garage, \$5000; Lot 19 Blk 19 Balboa, Burlingame; owner H. W. Eastman.

BUNGALOW and garage, \$5000; Lot 9 Blk 12 Montero, Burlingame; owner, Josephine S. Harris.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded
Aug. 29, 1924—LOTS A, B, C AND D, Blk 7 Burlingame Land Co., Burlingame. D Houle to J W Bevis. \$1000. Aug. 25, 1924

Aug. 29, 1924—LOT 9 BLK 2, Burlingame Park No. 2, Burlingame. T Masterson et al to G W Williams Co. \$27, 1924
Aug. 29, 1924—LOT 18 BLK 21, San Carlos, Mercantile Trust Co to Russell & Duncan. \$25, 1924
Aug. 30, 1924—LOT 14 BLK 40, Easton No. 3, Burlingame. Lenora E Bale to whom it may concern. \$100, 1924
Sept. 2, 1924—LOT 31 BLK 58, Easton, Burlingame. Chas M Cross to J B Oswald. \$100, 1924
Sept. 3, 1924—LOT 1 BLK 7, Redwood Highlands, Redwood. Giuseppe Cigliatti to Louis N Pollard. \$100, 1924
Sept. 4, 1924—LOT 24 BLK 8, Easton No. 3, Burlingame. W B Hargan to whom it may concern. \$100, 1924
Sept. 4, 1924—LOT 2 BLK 8, Stanford Park No. 2, John L Pierson to R B Hughes. \$100, 1924
Sept. 4, 1924—LOT 25 BLK 43, Easton No. 3, Burlingame. W B Hargan to whom it may concern. \$100, 1924
Sept. 4, 1924—LOTS C, B AND A, San Mateo Heights, San Mateo. Philip Yager to whom it may concern. \$100, 1924
Sept. 4, 1924—LOTS 16, 17, 14 AND 15 Blk 1, Oakwood Tract, Redwood City. Geo F Ballet to whom it may concern. \$100, 1924
Sept. 4, 1924—LOTS 13, 14, 15, 16 and 18 Blk 2, Oakwood Tract, Redwood City. Geo F Ballet to whom it may concern. \$100, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded
Aug. 29, 1924—LOT 9 BLK 7, Lomita Park, San Mateo. M J Lyons vs A Toluboff et al. \$118
Sept. 3, 1924—LOT 2 BLK 10, Easton Addn, Burlingame. Wisnom Lumber Co vs Jennie C Dore. \$1047.25

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$4500; W Humboldt St. b4, Dimin and Tara Sts., Richmond; owner, W. St. John, 328 Second St., Richmond; A L Rector, 561 6th St., Richmond.
APARTMENTS, two-story frame (3 apts.), \$5000; W Eleventh St., bet. Barrett and Roosevelt Sts., Richmond; owner, W. S. Pierce, 818 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chancellor St., Richmond.
DWELLINGS (2) one-story frame, \$3100 each; W 3rd St., bet. Macdonald and Nevin Aves., Richmond; owner, S. Sanfilippo, 569 5th St., Richmond; contractor, J. C. Thompson, 228 Bissell St., Richmond.
DWELLING, one-story frame, \$3500; S South St., bet. Pullman and Stege Aves., Richmond; owner, A. LeGrand, 3140 25th St., Richmond.

BUILT-IN FIXTURE COMPANY HAS PROFITABLE YEAR

A record of most satisfactory growth is displayed by the Built-in Fixture Company of Berkeley, which recently held its annual meeting. The company managers, about fifty different articles of built-in furniture, including folding wall tables, folding wall seats, ironing boards, cupboards, medicine closets and a number of special combination fixtures. All of the devices are standardized in manufacture as well as installation and are interchangeable so that they can be arranged in assemblies much after the fashion of sectional bookcases. Starting with monthly sales of \$1206 in 1920 the business has grown with ever increasing rapidity, the sales for the year ending July 31, totaling \$150,981.

The company employs forty-five people and has over \$100,000 capital in use. Dealers are maintained in California, Oregon, Washington, Idaho, Utah, Texas, Arizona, Colorado, Hawaii, Mexico, Wyoming, Georgia, Ohio, and Alabama.

GLASS



A few products manufactured by W.P. Fuller & Co.

Outside and Inside House Paints
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SANTA ANA

PORTLAND
BOISE
WALLA WALLA
SALT LAKE CITY

SEATTLE
TACOMA
SPOKANE
YAKIMA



Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 20, 1924

Published Every Saturday
Twenty-fourth Year No. 38

Schumacher

Office
210 American Bank Building, S. F.

*Permanence
Economy*

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Warehouses

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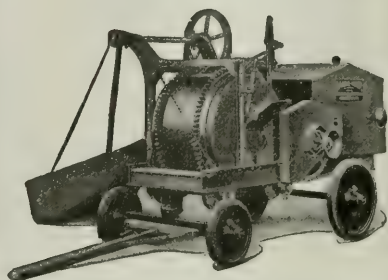
*Appearance
Comfort*

Board

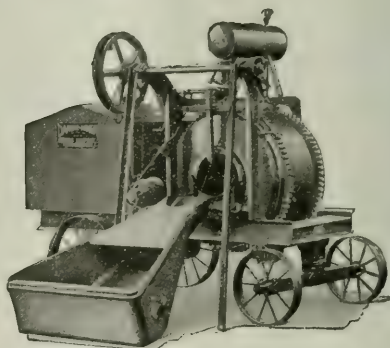
For Sale by All Lumber and Building Material Dealers

KOEHRING

DANDIE Light Mixer



Dandie with steel disc wheels and solid rubber tires; power charging skip, water tank and gasoline engine.



Dandie with steel trucks; power charging skip, water tank and gasoline engine.

EQUIP it to your special needs. Rubber tires to save the time waste of between-job hauls, and to expand your working territory. *Light duty hoist. Low charging platform or power charging skip. Automatic water-measuring tank.*

Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

—no—but the most remarkable value of all light mixers—and still within the range of light mixer prices.

CAPACITIES

4 and 7 cu. ft. mixed concrete, steam or gasoline power. May be equipped with power charging skip or low charging platform with hopper, light duty hoist, automatic water measuring tank. Mixes mortar as well as concrete.

KOEHRING COMPANY

Pavers, Mixers, Cranes, Draglines, Power Shovels
MILWAUKEE, WISCONSIN

DANDIE MIXERS IN STOCK WITH RUBBER TIRED WHEELS

Harron, Rickard & McCone Co.

SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 20, 1924 Twenty-fourth Year No. 34



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LUMBER DEMAND SATISFACTORY

Lumber demand holds up satisfactorily, according to the "American Lumberman," Chicago. Southern pine demand remains several notches over normal. Bookings during the week ended August 16, exceeded output by 18 per cent and shipments by 4 per cent. Orders have increased to the heaviest in several months, while stocks are declining, both in size and in desirability of assortments. Orders have been especially numerous for yard items; these are in particularly low supply and firmly held. Shed working into a stronger position. Mill prices remain firm. However, there are reported to be more transient cars afield, as a result of recent speculative activities by wholesalers, and while these usually are rapidly absorbed, some concessions have been granted to avoid demurrage.

Douglas fir market holds very strong, with demand exceeding output. Stocks are low and in some cases scarce, with prices advancing during the month. Coast lumbermen assume an independent attitude and will book only such orders as carry their prices and suit their present stocks, avoiding future commitments. Demand for Western pines has revived.

Poor Management is Declared The Morgue of Business Failures

The records of the morgue of business failures give "poor management" as the cause of a vast majority of commercial deaths, according to the Domestic Commerce Division of the Department of Commerce in "Budgetary Control in Retail Store Management," the first of a series of pamphlets prepared for the purpose of helping the American retailer overcome some of his more difficult business problems.

Failures have been attributed to lack of sufficient working capital to a poor location, and are very often falsely laid at the door of economic changes. In summarizing these causes, however, the Domestic Commerce Division says that bad management in some form appears to be the explanation of most of them.

More thorough understanding of individual management problems will save many wobbling retailers, the Division asserts, pointing to the fact that the retail store is conspicuous in the field of business enterprise for the number of casualties.

"Only in the past three or four years has the merchant realized that his business, as well as that of the manufacturer, is a science, and that he, too, can well afford to utilize many of the new methods which are being adopted in business management in the entire field of industry," the Division says in advocating budgetary control.

Operation of a business is much like the running of a ship, the Division points out, in explaining the need for better management. The Captain has a goal—the port to which he is bound; the chart of the course; and the instruments, such as compass and sextant, to keep him on his course. The captain of a business must take the same precaution in guiding his business ship over the rough seas of competition and alternating periods of prosperity and depression. The established quotas and limits are the ports toward which the business pilot is heading; the budget, the map; and the comparison of actual with estimated figures corresponds to the ship's compass and sex-

tant, for by this the direction of movement and the location of the business is determined.

Selling is the "little idol" in many retail organizations, the Division says in connection with the subject of co-ordination of the activities of a business. Small consideration is given to the cost of these sales and the margin which they should yield. The bringing together of the costs and possibilities of the constituent elements of the selling process enables the community purchasing agent, the retailer, to arrive at an approximately correct relation between sales volume and expense.

The tremendous losses (caused by over-purchasing) which were taken during the last period of depression, can be attributed in part, to the lack of intelligent control of buyers activities, the Division says in a chapter devoted to Centralizing Executive Control.

Making forecasts and Recording Results, Division of Budget for Control, Sales Budget, Merchandise Budget, Operating-Expense Budget, Advertising Budget, and the Advantages and Disadvantages of Budgetary Control, are discussed in succeeding chapters of the pamphlet.

The publication was prepared by Laurence A. Hanson, formerly affiliated with the Boston Retail Trade Board and later managing director of the Massachusetts Retail Merchants Association, as a result of original research in the field with which the bulletin deals. The data was gathered directly from prominent retailers all over the country.

It represents the co-ordinated opinions of the most progressive retail agencies, and presents an approach to the solution of the problem heretofore unattempted, according to the Domestic Commerce Division. The pamphlet known as Trade Information Bulletin No. 256 may be obtained upon request from the Bureau of Foreign and Domestic Commerce in Washington, or from any of the Commerce Department's offices.

THE GASOLINE TAX

The tax on gasoline has become so popular among state governments since Oregon first imposed the levy in 1919 that thirty-five states now use this means of collecting revenues for highway construction and maintenance. Municipal governments also have an eye on gasoline as a means of producing revenue. The average of the tax is about two cents, though twelve states make their levy only one cent a gallon and Arkansas imposes four cents a gallon, which would seem to be somewhat unreasonable. In fact, it amounts to 15 or 20 per cent of the retail sales price, California, with a two cent tax, will derive this year about \$8,500,000 from the owners of motor vehicles, and the total revenue in all states will be more than \$50,000,000.

The theory is that this tax is to be used in highway maintenance and construction. Few of the highways in the metropolitan areas, not even those of modern construction, are adequate for the rapidly increasing motor traffic.

Obsolete ideas of road building which prevailed in the days of the horse and wagon are still applied to the construction work not only in the rural districts but also in metropolitan areas. Wider roads are needed and, in areas where traffic is particularly heavy, one-way lanes should be provided, yet it is not likely that motorists will continue to object to the tax if bigger and better highways are provided, because better roads will mean less wear and tear on automobiles. The gasoline tax does seem to provide an equitable means of distributing the cost of the highways, and it should be provided, yet it has put any appreciable check on the rapidly increasing number of automobiles and motor trucks.

The Willite Company of Arizona has been organized with H. G. Peraud, president; Joe V. Prochaska, vice-president; George H. Clark, secretary, and James B. Girard and C. C. Cottrell, directors. Mr. Prochaska will be in charge of the company's business. Mr. Cottrell is chief engineer of the Western Willite Company.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Builders' Exchanges of Southern California at a general meeting held in Long Beach recently discussed some important matters tending to bring about a closer relationship between all exchanges in the Southern section and to develop ways and means of carrying on the work of each organization for the direct benefit of its members.

Among the more important matters discussed the following may be mentioned, in-as-much as the questions affect Exchanges in Northern and Central California, as well as those in the Southern part of the state.

- 1.—Can any action be taken which will result in more so-called competitive bids being opened in public?
- 2.—Can any action be taken which will result in the remunerating of responsible low bidders for figuring a job, when that job is let to a higher bidder?
- 3.—Can any action be taken which will protect the contractor who bids on a job where the architect has furnished plans and specifications and has inserted in the specifications a clause stating "all work shall be done according to City Ordinances," thereby throwing the entire responsibility on the contractor?
- 4.—Can the Builders' Exchange be advantageously and economically advertised and if so through what medium?
- 5.—Should the Builders' Exchange compile and give credit rating reports?
- 6.—Should the united Builders' Exchanges attempt to bring about uniform building codes?

Another meeting of the Southern California Exchanges will be held in San Diego on September 26, when further discussion on the above questions is expected.

The National Lumber Manufacturers' Association estimates forest fire loss this season in California, Oregon, Washington, Montana and Idaho at \$4,250,000. Of this \$3,000,000 represented loss to standing timber in the national forests and parks; \$500,000 damage to privately owned standing timber, and an equal sum to logs and logging equipment, while \$250,000 was in losses to settlers and miscellaneous community property. Incendiary fires, forest visitors, lightning, and industrial operation in clearing land were given as the chief causes of the forest fires, with very few "attributable to logging operations."

Plans involving a request to the next California State Legislature for an appropriation of between \$500,000 and \$1,500,000 to be used specifically in financing convict road camps so that nearly three times the present number of convict workers can be placed in California highway and construction of a new State prison avoided for the present, have been placed before Governor Richardson's "committee of nine," investigating state highway problems, and may be approved, it is rumored in State Highway Commission circles.

Great Northern Railway Co., through its subsidiary, the Somers Lumber Co., has bought timber stand of 1,000,000 feet near Marion in Kalispell, Mont., district, from the Anaconda Copper Mining Co. Present holding, available to Somers mill on Flat Head lake, is sufficient for four or five years. New tract will furnish supplies for fir, birch, cedar and pine for 25 to 30 years. Mill will produce ties and some bridge timber.

Charles E. Greenfield, contractor of Santa Cruz, suffered a stroke of paralysis while driving his auto in the city on September 19, which caused him to collide with a Union Traction street car. Greenfield was not seriously injured.

Eagle Body Manufacturing Company of San Jose, specializing in auto school bus and other transportation bodies, has purchased a site with a 150-ft. frontage at 48th and San Pablo Aves., Oakland, and will erect a modern plant. Harry Sibley is manager of the concern.

The Puget Sound Power & Light Co., Seattle, Wash., will install the fourth hydroelectric unit at the White river plant about November 1. The new unit will be of 23,000 horsepower capacity and will increase the capacity of the plant to 84,662 horsepower. Water will be supplied to the turbine through a penstock extending 2300 feet from the end of the present pressure tunnel. The operating head at the plant is 440 feet. The cost of construction, it is estimated, will be about \$1,200,000.

The Oakland Board of Education has voted to incorporate in its school building contracts, if the law so allows, a clause which will assure employment of local men and purchase of supplies and materials in Oakland. This action was taken when representatives of the Central Labor Council and Building Trades Council met with the educational board and asserted that Oakland and Alameda County were the only two localities in the state where outside and alien labor were employed and where the practice of purchasing material and equipment outside the city was still in force.

Mayor E. E. Roberts of Reno, Nevada, has been selected president of the Nevada Transcontinental Highway Exposition to be held in Reno in 1926. W. E. Gelatt will be directing general and Fred Stadtmuller, treasurer. Governor J. G. Scruggs, former Governor Emmet D. Boyle, George Wingfield and Senators Key Pittman and Tasker L. Oddie have been named honorary members of the executive committee.

H. S. Williams, city engineer of Santa Cruz, has resigned to accept a position in the State Department of Public Works. Henry Godegast, former assistant city engineer, has been named city engineer of Santa Cruz.

Federal Government will shortly sell at auction between 130,000,000 and 140,000,000 feet of standing timber in the Olympic National Forest near Lake Quinalt, Washington.

Monarch Forge & Machine Co., Portland, Ore., has let a contract for the erection of a \$300,000 plant at Fourth and Flanders streets, that city. The company was formerly known as the Clarke County Iron Works.

PUBLICATIONS

"Heights of Brick Courses," is the title of an extensive tabulation prepared for draftsmen by the Indiana Limestone Quarrymen's Association, Bedford, Ind. It is printed on heavy board stock and is suitable for tacking on the wall or the drafting board, or may be kept in a drawer for reference.

The table will enable the designer or the estimator to translate wall heights in terms of courses to terms of feet, inches, and sixteenths when the size of the brick and the width of the joints are known. The table is based on units of four bricks plus four joints, and thus should cover about any brick size and joint size ordinarily found, and will be of great aid and a time saver to the user.

American Library Association, 85 E. Randolph St., Chicago, Ill., is marketing a new book "Library Buildings," cloth \$3.50. The book was prepared by Chalmers Hadley, Librarian of the Denver Public Library, who has had a great deal of experience and who has made a special study of library architecture. The book is illustrated. Some of the topics include general principles, location and shape; architect, capacity; floor plans; furniture; arrangement; lighting; plumbing, etc. Emphasis is placed on the small library building costing \$50,000 or less.

Truscon Steel Co., Youngstown, Ohio, has issued a booklet telling of the Truscon Steel Company's part in the building of the new foundry for the Studebaker Corporation at South Bend, Indiana. The structure covers an area of 683 by 722 feet—eleven and one-third acres of ground space. Nearly 9,000,000 pounds of structural steel were used in its construction.

The Revised Seventh Edition of the Crosby, Fiske, Forester Handbook of Fire Protection and Control is now off the press. The volume describes in detail all the approved methods of preventing the start and the spread of fire, and of fire extinguishment. It is published by D. Van Nostrand & Co., 8 Warren St., New York City. Price per copy \$4.

The Leach Company, Oshkosh, Wisconsin, is distributing the 7-S Mixer Book which contains the results of the series of tests recently conducted by the Robert W. Hunt Company, consulting engineers, on different makes of concrete mixers. Copies of the 7-S Mixer Book will be sent by the Leach Company on request.

"PUBLIC UTILITY" DEFINED

The city of Sapulpa, Okla., issued bonds to buy land for a cemetery to be owned and controlled by the city. This was done under the provision in the state constitution authorizing cities of Oklahoma to issue bonds "for the purpose of purchasing or constructing public utilities to be owned by such city." A taxpayer of the city objected to the issue, claiming a cemetery was not a "public utility" within the meaning of the constitution.

But the Supreme Court of Oklahoma ruled that a cemetery was a public utility. Burial places, it held, are indispensable. Proper and decent sepulchre of the dead is necessary, not only in respect to them, but to the health and morals of the living. If such places were not prepared by private enterprises it would be the duty of the state to act in the premises," said the court.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ALAMEDA COUNTY BUILDERS TO ERECT STANDARDIZED HOMES

Plans are being laid by the Alameda County Home Builders Inc. who have just completed five homes at Fleming and Madera avenues in East Oakland, for what they term an extensive "home manufacturing program."

Their principle of construction, according to L. L. Capps, manager, is as follows:

"Fine homes, like fine automobiles, can be manufactured in volume. If the work is carefully planned and scheduled the results will be the same. Savings will be effected in quantity material purchases. They will be made in labor by methods of standardization. They will be made in time as a result of careful scheduling. Finally, they will be made on profits themselves, smaller returns on many homes replacing larger returns on few homes. It is right that these savings should be passed on to the buyers in the form of better homes and lower prices. Quality can be higher as the result of the economies lavished which will permit more lavish equipment of the homes and because of labor standardization, which, when properly managed, means work done more easily and quickly."

The five homes now being displayed by the Alameda County Home Builders Inc. were erected on this plan, as will be the forthcoming series of twenty.

TO SETTLE STATUS OF TRADE ASSOCIATIONS

The next move in the determination of a final federal policy with respect to the statistical activities of trade association is up to those organizations themselves, it is indicated at the justice department. Attorney General Stone, it was said, has in preparation a series of cases which may finally clear up the scope of the rights of trade associations in collecting and disseminating statistical data and these cases will be relied upon to fix the government's policy unless the associations can suggest more typical cases.

Representatives of various trade associations have conferred with Mr. Stone and he accorded them the privilege of learning what the justice department was doing in the way of working up cases which might be expected to settle the various points involved. According to department officials, Mr. Stone has received no further word from the association officials and the assumption at the department is that they are satisfied with the line of procedure being followed or they would have suggested some alternative.

BUILDERS' BANQUET

The regular monthly banquet-meeting of the Contra Costa County Builders Exchange was held in the exchange quarters in Richmond, Friday evening, Sept. 12. P. M. Sanford, president of the exchange, presided. The banquet was provided by the lumber and mill members of the organization. Al P. Hill acted as chairman and was assisted by representatives of the Irwin Lewis Lumber Company, H. Mulradt & Son, San Pablo Lumber Company, Stege Lumber & Hardware Company and the Tilden Lumber Company.

Standards For Steel Reinforcing Bars Adopted at Washington Meet

Steel manufacturers, big distributing interests, and representatives of the Associated General Contractors of America and other consumer representatives, meeting in the Division of Simplified Practice, Department of Commerce, adopted as standards for steel reinforcing bars eleven sizes, based on the area of the bars. This action, effective on January 1 for producers and on March 1 for distributors who have stocks or current orders to be cleared before the completion of the action, will replace some forty or more sizes at present in use. The meeting, which brought together all interested groups, was presided over by Edwin W. Ely of the Division.

Opening the discussion, A. E. Lindau, who represented both the American Concrete Institute of Detroit and the American System of Reinforcing of Chicago, outlined the pre-war experience as to varieties demanded. He showed how in a single plan, 18 to 20 sizes of reinforcing bars were frequently called for, some with as little as 1/16th of an inch variation. The demand was curbed during the war, but had since backslid to nearly as great a variety as before. He declared that certain state highway departments had standard plans which included other than the suggested standard sizes, and that a certain amount of hesitancy might be found before changes to the standards would be made.

W. A. E. Doying of the Panama Canal spoke in favor of the proposed standards, as did O. L. Grover of the Bureau of Public Roads, Department of Agriculture, and A. W. Slater of the Bureau of Standards.

E. F. Kelley, representing the American Association of State Highway Officials, and W. O. Irwin of Youngstown, O., representing Truscon Steel Company, discussed highway construction. Mr. Irwin disclosed that from the distributors' standpoint, the present variety is tying up huge sums in stocks and that the consumer has to pay the interest on the investment. Pacific Coast points, he said, call for a greater variety than the central and eastern parts of the country.

George E. Routh, Jr., of the Kalman Steel Company, Chicago, recommended that the area of bars be considered for standardization rather than the shapes, a position which was indorsed by Richard L. Humphrey of Philadelphia, who represented both the Committee on Standard Specifications for Concrete and the American Society for Testing

Materials. Other speakers included Commander Ralph Whitman of the Navy Department, C. A. Bissell of the Reclamation Service, Department of the Interior, J. H. Gray, of the American Telegraph & Telephone Company, E. P. Goucher of the American Electric Railway Association, M. W. Lewis of the office of the Chief of Engineers, War Department, D. H. Sawyer of the Associated General Contractors of America, Dr. John M. Gries, Chief of the Division of Building and Housing, Department of Commerce.

"The complexities of building construction are becoming greater daily," Mr. Sawyer told the meeting. "Ten years ago, without the improved means of handling materials, we couldn't have accomplished the program which today is being carried on. The Associated General Contractors are for anything which will lessen the cost of materials and will decrease labor and equipment, as any such step will not only be of advantage to them but to the owner who pays the bill."

"Applying this specifically to the problem of reinforcing bars, the handling of material, the segregation of material of various sizes and shapes, the operation of machinery to bend and deform bars, all present a serious burden to city constructors, both from the standpoint of space and men to handle such material. Assuredly, any step for simplification will find our organization members supporting it."

Consideration of the question of grades,—a proposition having come from several sources that one grade take the place of the existing three grades,—the statement was made that a committee of the American Society for Testing Materials, and it was decided to hold this question in abeyance until the next annual conference on revisions of the simplification adopted today. Further information will be sought in regard to this subject from the Association of American Steel Manufacturers.

The areas in inches of the standards adopted were as follows: .049, .110, .196, .250, .307, .442, .602, .785, 1.000, 1.266, 1.563.

More than 80 per cent of the annual tonnage of the steel mills of the country in this commodity was represented by those at the meeting.

Following the action of the conference, representatives of distributors held a meeting in the Hotel Hamilton to consider how they might best adapt their businesses to the changes resulting from the simplifications adopted.

SUIT FOLLOWS FAILURE TO DECLARE DIVIDENDS

Charging that officials of the West Turlock Lumber & Mill Company of Turlock have violated provisions of the United States Revenue Act of 1921 by failing to declare dividends for three years, during which time resources of the corporation have accumulated to the extent of \$154,825, with an indebtedness of but \$9,047.41, Mary L. Roberts, who owns seventy-five of the 250 shares of capital stock, valued at \$100 a share, has brought suit in the Superior Court in Modesto

against the corporation, seeking to force an accounting of the business and secure a dividend.

According to the complaint, the officers of the defendant corporation have permitted profits for three years to accumulate. Mrs. Roberts declares that, unless this is stopped, the government will take the entire profit at the end of four years, under the revenue act, and penalize the stockholders according to their interests in the enforcement of the 25 per cent corporation tax. This will result, it is alleged, in the government taking all of the profits for four years in addition to exacting a penalty.

PAINT AND VARNISH IN FIRST HALF OF 1924

The Department of Commerce announces that, according to data collected by the Bureau of the Census, there were produced during the six months' period from January 1 to June 30, 1924, 253,744,100 pounds of paste paints (comprising 177,259,000 pounds of white lead in oil, 5,960,000 pounds of zinc oxide in oil, and 70,525,100 pounds of other paste paints); 45,125,500 gallons of ready-mixed and semipaste paint; 34,718,300 gallons of varnish, japans, and lacquers, other than pyroxylin; and 1,430,700 gallons of pyroxylin (nitrocellulose) varnish or lacquers.

The statistics for the first half of 1924 as compared with the second half of 1923 show increases of 32.1 per cent for paste paints, 17.7 per cent for ready-mixed and semipaste paints, and 5.7 per cent for varnishes, japans, and lacquers, other than pyroxylin. The second half of 1923 as compared with the first half of that year, however, shows decreases of 22.3, 12.3, and 13.3 per cent, respectively, for these three classes of products. Comparison of the first half of 1924 with the first half of 1923 brings out increases of 2.7 per cent and 3.2 per cent, respectively, for paste paints and ready-mixed paints, and a decrease of 8.4 per cent for varnishes, japans, and lacquers, other than pyroxylin. Pyroxylin varnishes were first reported in 1924, and therefore there are no comparative data for this class of products.

The statistics are based upon the reports of 519 establishments, of which 154 reported the manufacture of white lead in oil; 151, zinc oxide in oil; 302, other paste paints; 415, ready-mixed and semipaste paints; 327, varnishes, japans, and lacquers, other than pyroxylin; and 33 pyroxylin varnishes or lacquers.

Data are included for 43 establishments that reported for the last half of 1923 but not for the first half of 1924. For these establishments the production for the first half of 1924 has been estimated on the basis of the ratio which their production for the first half of 1923 bore to the total production of all establishments which reported for both periods. These 43 establishments produced, during the last half of 1923, only 4.1 per cent of the total paste paints, 5.2 per cent of the ready-mixed paints, and 6.3 per cent of the varnishes, japans, and lacquers.

BRIDGE, FRANCHISE PETITION IS DENIED

The Contra Costa county board of supervisors has denied an application for a franchise to the Northern California Development company to construct a bridge across Carquinez straits at a cost of \$2,000,000. An alternative petition to have the supervisors place the project on the ballot as an initiative issue was also denied.

The supervisors held that there is no need for the bridge in view of the fact that another bridge is being constructed at a point four miles distant to serve the same general territory.

Officials of the development company said that they would petition the state supreme court for a writ of mandate to compel the supervisors to place the issue on the ballot.

VANCOUVER LUMBER EXPORTS

Shipments of lumber from the port of Vancouver during July reached a total of over 30,000,000 board feet, according to the Merchants' Exchange. This makes a total of more than 271,000,000 board feet for the first seven months of the year, as against 125,000,000 feet for the same period last year. The principal customer has been the Orient, taking 17,000,000 feet, with Australia and New Zealand second, with 4,000,000 feet.

Crowded Conditions Warrant School Bond Issue Passage

By Common Sense

The City of Oakland needs more schools and there is only one way to get them—that is, through the bond issue. The astonishing growth of the city makes it imperative that we have more schools. The average daily attendance the last month of the school year just closed was 3,500 greater than that for the same month a year ago. The average monthly increase for the year was approximately 3,000. An increase of this number requires thirty-two new school buildings with a capacity of more than 1000 each year.

The total growth of the public schools during the last five years is more than 11,000 children. What does this mean? It means that every year there is an increase of over 2,000 pupils in our schools. To take care of this great increase the children have been housed in portables. At present 14,500 children are in portables or temporary class rooms and with the opening of the present school term, there are over 16,000 school children in portables, that means 376 portables or one-fourth of the total number of class rooms are in portables. More than 5,000 children in excess of proper enrollment are crowded into Oakland Public School class rooms already.

On July 1st of this year there were 351 portables used in the Oakland Schools. During the summer, twenty-five more were built which makes a total of 376 ready for use when schools opened. To take care of the growth alone if the bond issue fails will require about 100 portables each year at an approximate cost of \$150,000.

Portables are very unsatisfactory as class rooms both from the standpoint of the pupils, teachers and community. They are very hard to heat and in cold days the children suffer from lack of proper temperature and ventilation. This cuts down the efficiency of both teacher and pupil and is a source of colds and sickness. In like manner they are poorly ventilated, and in spring and summer these rooms are very warm and the air is oppressive. The portables are only temporary and of course have frequent maintenance charges. They are easily injured and at the most can only last a few years.

The people of Oakland are now faced with the problem of whether or not they will house their children in temporary unhealthy inadequate portable buildings or with modern sanitary and fireproof school buildings.

The present overcrowding of class rooms—the present 376 portables and the rapid yearly growth in our schools make it impossible for the Board of Education to meet the situation other than by bond issue. It would not be the intention of the Board of Education to sell full amount of bond issue, but rather to sell a sufficient amount of bond to meet the existing requirements and a yearly increase. At the present time, the Oakland School Districts are receiving the maximum revenues provided for by law.

To relieve this overcrowding in these class rooms, to provide for a five year growth, and to banish portables and require class room space for 30,000 chil-

dren or 750 class rooms. Such a program will call for seven new high schools and junior high schools and certain additions to those we already have, and would require also eleven new elementary schools and 26 additions to our present elementary schools.

The bond issue provides for an addition of six new rooms in portables and additional site for the University High School. This includes the gymnasium, shops and R. O. T. C. quarters. Santa Fe School will receive an addition of six new rooms and will do away with the temporary quarters now in use at this school. This will take care of the present enrollment now in portables and temporary quarters and provide for the increase and growth for the next five years.

The last bond issue in 1919 provided for 384 class rooms or three large high schools, four junior high schools, four elementary schools and sixteen additions. This is more class rooms than any other city in the United States has obtained for a like expenditure during the same period. What is the present result of this bond issue? Today these class rooms are all occupied and we have as many portables in use as we had at the beginning of the former bond campaign. This is due to the heavy growth of the children in the Oakland Schools in the last five years. Though our school buildings have been growing at a rapid rate, the need for growing faster and will continue to do so unless the bond issue is passed. Few people today realize that Oakland now has a population of 246,000 people, nearly one-half as many as the City of Los Angeles. What did Los Angeles do for her schools? On Tuesday, June 6, 1924, Los Angeles voted a bond issue of \$34,640,000 for 100 public schools. A majority of seventeen to one. This issue made a total of \$52,000,000 voted by the people of Los Angeles in a three year period.

The above comparison gives some idea of what other cities are doing for their public schools. If Los Angeles, a city only twice as large as Oakland, can vote \$52,000,000 for school bonds in three years, surely the people of Oakland can and will vote for this \$9,577,000 bond issue to take care of their school children. There is only one answer to the question—The Bond Issue must pass or a suitable school building program will not be secured. It means that our children will have to go to school in piece-meal sessions, that is, in one-half day sessions. Many people do not realize what one-half day sessions mean to their children. It means that their children will run the streets one-half day in place of attending school, and their instruction will not, and cannot be, as fine and efficient as in full day sessions. Many cities have been compelled to restrict one-half day sessions through failure to vote a bond issue and the same cities have never failed to pass the issue when confronted with continuing the piece-meal school day.

This must never happen in Oakland and the only way in which to avoid it is by every one getting behind the bond issue with all their time, energy and spirit to make it as success.

ENGLAND IS POINTING THE WAY

It appears that the United States may still sit with pride at the feet of the motor country. According to Motor Land, Pacific Coast magazine of motoring, country roads and city streets to be laid out in Great Britain will have a right-of-way of 120 feet in most instances, and 100 feet as a minimum. If

present plans of the government are carried out. Because motor traffic has made it obvious that the old narrow country roads are not in these days safe, public enthusiasm in England has created the official plan for widening existing roads and the establishment of the 120-foot width as the official standard for the future.

Building News Section

APARTMENTS

Plans To Be Figured This Week.

APT. HOUSE Cost, \$140,000
SAN FRANCISCO, Eddy E. of Larkin.
 Six-story reinforced concrete apartment house (108 rooms, 2-room apartments).

Owner—E. V. Lacey, 180 Jessie St., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.

APT. BLDG. Cost, \$100,000
SAN FRANCISCO, S Eddy 183-6 W Taylor

Six-story and basement steel and concrete apartment and store building (48 apts.)

Owner—Wm. Helbing, 1332 Lombard St., San Francisco.

Architects and contractors—The Helbing Co., 1332 Lombard St., S. F.

Contracts Awarded.

APT. BLDG. Cost, \$45,000
OAKLAND, N Grand Ave. 215 W Staten Avenue.

Three-story 42-room frame apartment building.

Owner—P. E. Lisher, 30 Grand Ave., Oakland.

Contractor—Sommarstrom Bros., 1536 Franklin St., Oakland.

Brick work awarded to Knutsen.

Plumbing to Carl T. Doell, 351 12th St., Oakland.

Lumber to E. K. Wood 4335 Montgomery St., Oakland.

Mill work to Clinton Lumber & Mill Co., 701 4th Ave., Oakland.

Contract Awarded.

APT. BLDG. Cost, \$17,000
SACRAMENTO, 720 13th St.

Two-story frame apartment building (6 apts.) and garages.

Owner—Mrs. J. Harmon, 1233 H St., Sacramento.

Contractor—W. R. Saunders, 2614 I St., Sacramento.

Plans Being Prepared.

APARTMENTS Cost, \$25,000
SAN FRANCISCO, Twentieth and Carlson.

Three-story frame, stucco and brick veneer store and apartment building (10 2-room apts.)

Owner—Mr. W. Nelson.

Architect—Edw. E. Young, 2002 California St., San Francisco.

Contract Awarded.

APT. BLDG. Cost, \$12,000
OAKLAND, 1801 39th Ave.

Two-story 16-room apartment bldg.

Owner—R. Raiola, 1801 39th Avenue, Oakland.

Contractor—J. & E. Angelman, 2047 36th Ave., Oakland.

Plans Being Prepared.

APARTMENTS Cost, \$70,000
SAN FRANCISCO, S O'Farrell St. W of Larkin.

Four-story and basement reinforced concrete apartment house.

Owner—O. E. Carlson, 180 Jessie St., San Francisco.

Architect—None.

Contractor—O. E. Carlson, 180 Jessie St., San Francisco.

Sub Contract Awarded.

APT. HOUSE Cost, \$—
SAN FRANCISCO, 2006 Washington St.

Ten-story reinforced concrete apartment house.

Owner—Two Thousand and Six Washington St.

Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

Contractor—Robt. Trost, 26th & Howard Sts., San Francisco.

The work and bath room accessories to Malott & Peterson, Inc., 351 12th St., Oakland.

To Be Done By Day's Work.

APT. HOUSE Cost, \$2,500
SAN FRANCISCO, NE Hugo & 4th Ave.
 Three-story and basement frame apt. house (15 apts.).
Owner—Fred Warden, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

To Be Done By Day's Work.

APT. HOUSE Cost, \$50,000
SAN FRANCISCO, Leavenworth Street bet. Sutter and Post Sts.
 Four-story reinforced concrete apartment house.
Owner—Strand & Strand, 163 Parnasus Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.

APT. HOUSE Cost, \$17,000
SACRAMENTO, Cal., 710 12th St.
 Frame apartment house (3 4-room and 3 5-room apts.)
Owner—J. Harmon, 1233 H, Sacramento.
Contractor—W. R. Saunders, 2614 I St., Sacramento.

Segregated Figures To Be Taken.

APARTMENTS Cost, \$12,000
SAN FRANCISCO, W Scott 100 N Ellis.
 Two-story and basement frame (4) apartments.
Owner—P. Waters.
Architect—M. G. Bugbee, 619 Washington St., San Francisco.

Segregated Figures Being Taken.

APTS. & STORES Cost, \$45,000
SAN FRANCISCO, SW Union & Powell Streets.
 Three-story frame and stucco (8) apts and (5) stores.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors.
Fold-up Doors, Tri-co-dors, Cobaldors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

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Best Wood Preserver.

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J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

To Be Done By Day's Work.

APARTMENTS Cost, \$10,000
SAN FRANCISCO, E Laguna 25 S Francisco.
 Two-story and basement frame (4) apartment house.
Owner—Alois Huck, 719 41st Ave., San Francisco.

Owner Taking Sub Figures.

APTS. & STORES Cost, \$60,000
BERKELEY, Alameda Co., Cal., Delaware and Shattuck.
 Three-story and basement frame and stucco apts. and stores (13 2-room apts. and 1 6-room residence apt. and 4 stores).
Owner—Geo. L. Mohr, 1810 Shattuck Ave., Berkeley. (Phone Berkeley 7640-J).

Steam heating and hot water systems.

Construction will be started Sept. 22.

LOS ANGELES, Cal. — Architect S. Charles Lee, 329 Douglas Bldg., has completed revised plans for a 2-story 60-room apt. bldg. at 532 S Hobart Blvd. for I. W. Fiske. Dimensions 60x140 ft., brick walls, comp. rfg., gas steam htg. sys., forced ventilation, the baths and drains, hardw. fls., pine trim, wallbeds, refrigerators, elevator, incinerator; \$75,000. New bids will be taken soon.

BONDS

SANTA CRUZ, Santa Cruz zCo., Cal. — Supervisors sell \$2100 bond issue of Bald Mountain School District for premium of \$11; proceeds to finance school improvements.

SANTA ROSA, Sonoma Co., Cal. — Until Oct. 16, 1:30 P. M., bids will be received by county supervisors for purchase of \$33,000 issue of Eagle School District. Proceeds of sale to finance school improvements.

SANTA ROSA, Sonoma Co., Cal. — Until Oct. 16, 1:30 P. M., bids will be received by county supervisors for purchase of \$14,000 issue of Vine Hill School District; proceeds of sale to finance school improvements.

FULLERTON, Orange Co., Cal. — Liberty bonds aggregating \$120,000 will be sold at auction to obtain money for new hall of records and county jail.

DUNSMUIR, Siskiyou Co., Cal. — Bonds of \$40,000 voted at recent election to finance erection of city hall to house city offices, jail, fire department quarters and library.

GLENDALE, L. A. Co., Cal. — Bond election will be held Sept. 30 to vote \$650,000 for acquisition and reconstruction of Harvard St. high school grounds and buildings for public auditorium, library, comfort station, public gymnasium and playground. A. J. Van Wie, city clerk.

CHURCHES

SAWTELE, L. A. Co., Cal. — Archt. Robert H. Orr, 1300 Corporation Bldg., L. A., has completed plans and is taking separate bids for a new church bldg. to be erected at Sawtele, for the First Baptist Church of Sawtele. Rev. H. C. Mathews, pastor. It will have auditorium to seat 300 people, classrooms, junior and intermediate assembly hall, etc.; brick walls, art stone trim, basement, tile rfg., com. and hardw. fls., pine trim, gas htg. sys., art glass, water htr., pipe organ; \$75,000.

Plans Being Figures -Bids to be Opened Sept. 19, 10 A. M.
CHURCH Cost, \$210,000
 OAKLAND, Alameda Co., Cal. Twenty-sixth and Harrison Sts.
 Class A church building.
 Owner—First Congregational Church.
 Architect—John Galen Howard and Associates, First National Bank Bldg., San Francisco.

PORTLAND, Ore.—Arch. Robert H. Orr, 724 S. Spring St., Los Angeles, Cal. completes plans for a two-story and basement 100 by 100 ft. reinforced concrete and steel frame church to be erected at S.W. Mallory Ave. and Alberta St. for Church of Christ; est. cost \$90,000. Bids will be asked at once.

PORTLAND, Ore.—Quist and Downey, Hogue Bldg., at approx. \$85,000 awarded contract by St. Vincent's Hospital to erect 5-story, 45 by 108 ft., brick and stucco chapel building. Contracts for heating and plumbing not yet awarded. Electric work is included in general contract. Jos. Jacobberger, architect, Railway Exchange Bldg., Portland.

LOS ANGELES, Cal.—Arch. Robert H. Orr, 1305 Corporation Bldg., has been commissioned to prepare plans for a new church bldg. at Pico Blvd. and Arlington Ave., for the Pico Boulevard Christian Church; the auditorium will have a seating capacity of about 500 people and there will be classrooms, social hall and kitchen, etc. Frame and plaster constr., tile and comp. flg., concrete and hardw. fls., gas htrg. sys., storage water htr., art glass; \$60,000.

FACTORIES & WAREHOUSES

Contract Awarded—Sub Figures Being Taken.

FACTORY BLDG. Approx. \$200,000
 SAN FRANCISCO, 3rd and Bancroft Ave.

Two-story reinforced concrete factory building 90x490 (1st unit).

Owner—Premier Spring & Bed Co.
 Architect—Walter J. O'Brien 315 Montgomery St., San Francisco.

Contractors—Bagge & Vukievich, 815 Bryant St., San Francisco.

Sub figures are being taken for steel sash, lathing, sheet metal, plumbing and electrical work.

Plans Being Completed.
FACTORY BLDG. Cost, \$40,000
 SAN FRANCISCO, NW Cor. 8th & Folsom Streets.

One-story fireproof factory bldg.
 Owner—Diamond Patent Showcase Co., Inc., 1625 Mission St., S. F.
 Designer—James P. Shaffer, 987 Mission St., San Francisco.

Contract Awarded.
ICE MFG. SYSTEM Cost, \$35,480
 SAN FRANCISCO
 Ice making system for plant.
 Owner—National Ice Cream Co. (E. J. Shaw, G. D. Stratton and F. H. Ames), 371 Guerrero St., S. F.
 Contractor—York California Construction Co., 832 Folsom St., S. F.

Contract Awarded.
WAREHOUSE Cost, \$51,000
 SAN FRANCISCO, Tenth St. nr Bryant
 Concrete and brick warehouse.
 Owner—American Rolling Mill Co. of Calif., 10th and Bryant Sts., San Francisco.
 Engineer—E. J. Brunnier, Sharon Bldg. San Francisco.
 Mgrs. of Const.—P. J. Walker Co., Sharon Bldg., San Francisco.
 (53107)

Contract Awarded.
FACTORY BLDG. Cost, \$18,000
 SAN FRANCISCO, S Howard St. W of Fourth.

Two-story reinforced concrete factory building.

Owner—Henrietta Sharp.
 Architect—Dodge Reidy, Pacific Bldg., San Francisco.

Contractors—Bagge & Vukievich, 815 Bryant St., San Francisco.

PEARL HARBOR, T. H.—Bids will be asked shortly by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect storehouse and quarters at Naval Operating Base (Hospital), Pearl Harbor, T. H., under Specification No. 5003. See notice under official proposal section in this issue.

PORTLAND, Ore.—Stebbing Bros., Worcester Bldg., awarded contract to erect 7-story and basement 100 by 200 ft. reinforced concrete loft building for Fannie Frank to be occupied by Plummer-Frank Co., wholesale druggists, in Irving St., bet. 13th and 14th Sts. Sutton & Whitney, architects, Lewis Bldg., Portland.

MARTINEZ, Contra Costa Co., Cal.—Grain warehouse of Balfour-Guthrie Co., 351 California St., San Francisco, destroyed by fire Sept. 13. Loss is estimated at \$425,000 which amount includes loss of 15,000 tons of grain.

OAKLAND, Cal.—Eagle Body Manufacturing Co., 501 S Market St., San Jose, Harry Sibley, mgr., has purchased site with 122-ft. frontage at 48th and San Pablo Aves., Oakland, and will erect plant for manufacture of school bus bodies and other transportation bodies.

SEATTLE, Wash.—Puget Sound Bridge and Dredging Co., Central Bldg. Seattle, at approx. \$250,000 awarded contract by Rainier Corporation to reconstruct present brewing plant for a meat packing plant. New construction will involve considerable brick work. New Cranes, elevators, chutes, ramps and interior partitions are contemplated. Carl Siebrand, architect, Northern Life Ins. Co. Bldg., Seattle.

RIVERSIDE, Riverside Co., Cal.—Beaver Glass Mfg. Co., 820 W. M. Garland Bldg., is having plans drawn by its eng. for a glass jar factory, 60x200 ft., and warehouse, 50x175 ft., to be built at Riverside. Contract will be let and work started soon. Structural iron frame, steel metal exterior, conc. fls., skylights.

MIAMI, Ariz.—Inspiration Cons. Copper Co., H. O'Brien, gen. mgr., inspiration, will start work about April 1, 1925 on new leaching plant, consisting of 13 rein. conc. tanks each 175x67 and 16 ft. in height, involv. 42,000 cu. yds. concrete.

SAN FRANCISCO—Vukievich and Bagge, 815 Bryant St., at \$134,400 submits low bid to Board of Public Wks. to construct one-story addition to Seventeenth Street Car Barn of Municipal Railway system. Other bids: L. J. Cohn, \$143,000; Barrett and Hill, \$141,543; Larsen and Siegrist, \$140,300.

FLATS

Contract Awarded.
FLAT BLDG. Cost, \$12,000
 SAN FRANCISCO, S Clay 225 E Presidio Avenue.

Two-story and basement frame flat building.

Owner—Mark Sheffell.
 Contractor—Klaus Adler, 2210 Balboa St., San Francisco.

Contract Awarded.
STORE & FLAT BLDG. Cost, \$11,000
 OAKLAND, SW line E-14th St. 50 NW 12th Ave.
 Two-story frame store and flat bldg.
 Owner—Elie Aye, 1234 E-14th St., Oakland.
 Contractor—Fred Hambleton, 3737 13th Ave., Oakland.

Plans Completed.
FLATS Cost, \$14,500
 SAN FRANCISCO, S Bay E of Gough.
 Two-story and basement frame flat building (2 flats 7 rooms each).
 Owner—Timothy O'Brien.
 Architect—Faber & Hildebrand, 110 Sutter St., San Francisco.
 Contractor—Timothy O'Brien.

Plans Being Prepared
FLATS Cost, \$12,000
 RICHMOND, Contra Costa Co., Cal.
 Two-story frame and stucco flat building (2 flats).
 Owner—Dr. H. L. Carpenter.
 Architect—James T. Yarbett, 910 MacDonald Ave., Richmond.



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Makes the Sash Self-adjusting. No Hinges or Adjusters Are Required.

It is Non-rattling. All Hardware is Entirely Concealed.

No Special Sash or Frame Detail Required.

One Size Hardware Fits All Sash. May Be Installed to Swing to Right or Left.

Easily Fitted to Old or New Sash. Outside of Sash Easily Washed From Inside of Room.

WHITCO HARDWARE takes the place of both hinges and adjusters.



Each set is packed in a neat carton 8 inches long and 1 inch square, which contains full installing instructions.

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CROWE GLASS CO.

574 Eddy St.

Phone Prospect 612

Equipped To Handle Any Size Job.

DIRECT FACTORY BUYERS

Contract Awarded.
FLATS Cost, \$14,000
 SAN FRANCISCO, N Union 225 E Barker.
 Two-story and basement frame flat bldg. of 2 flats.
 Owner—A. D. & E. C. Duncan, Mer. Natl. Bank Bldg., San Francisco.
 Contractor—J. Prout, 515 Magellan Ave., San Francisco.

Contract Awarded.
FLAT BLDG. Cost, \$12,000
 SAN FRANCISCO, N Vallejo 100 W Larkin.
 Two-story and basement frame flat bldg. of 2 flats.
 Owner—Adolph Nestari, Broadway & Montgomery Sts., San Francisco.
 Architect—E. Musson Sharp, 60 Sansome St., San Francisco.
 Contractor—Harry C. Warwick, 3769 Jackson St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, \$10,000
 SAN FRANCISCO, S 18th 75 E Clover.
 Two-story and basement frame (2) flats.
 Owner—Wm. Pearson, 1634 Howard St. San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
FLATS Cost, \$10,500
 SAN FRANCISCO, S Pacific Ave. bet. Webster and Fillmore.
 Two-story and basement frame (2) flats.
 Owner—K. R. Vought, 523 Monadnock Bldg., San Francisco.
 Contractor—E. Blankenburg, 105 Montgomery St., San Francisco.

Contract Awarded.
FLATS Cost, \$12,000
 SAN FRANCISCO, S 24th St. 40 W Chattanooga.
 Two-story and basement frame (4) flats.
 Owner—J. Arata, 30 Day St., S. F.
 Architect—L. Traverso, 354 Union St., San Francisco.
 Contractor—Cunco & De Martini, 481 Church, S. F.

LOS ANGELES, Cal.—Arch't. S. Charles Lee, 329 Douglas Bldg., is preparing plans for an 8-unit, 32-room flat bldg. on Coronado near 6th St., for a local client. Two-sto., 32x100 ft. frame constr., stucco exter., tile and comp. rfg., gas radi., aut. water htrs., tile baths, hardwd. fls., pine trim, wrought iron work.

GARAGES

To Be Done By Day's Work.
GARAGE Cost, \$15,000
 SAN FRANCISCO, S Lombard W Sansome St.
 Brick and steel garage.
 Owner—Merchants Ice & Cold Storage Co., Lombard & Battery.
 Engineer—N. Torriggino, Mills Bldg., San Francisco.

Sub Contracts Awarded.
GARAGE Cost, \$40,000
 SAN FRANCISCO, N Turk St. east of Polk.
 Two-story and basement reinforced concrete garage.

Owner—J. Pasqualetti, 785 Market St., San Francisco.
 Contractor—J. Pasqualetti, 785 Market St., San Francisco.
Lumber awarded to Loop Lumber Co., Central Basin, San Francisco.
Mill work to Herring Planing Mill Co., 557 Brannan St., San Francisco.
Glass to W. P. Fuller Co., 301 Mission St., San Francisco.
Excavating to G. Bianchi & Co., Berry and De Haro Sts., San Francisco.
Reinforcing steel to Gunn-Clarke Co., 444 Market St., S. F.
Electric work to National Electric Co., 109 Turk St., San Francisco.
Plumbing to Anderson & Rowe, 3723 Market St., San Francisco.

Contract Awarded.
GARAGE ETC. Cost, \$19,718
 OAKLAND, SW Cor. 22nd and Chestnut Streets.
 One-story semi-fireproof garage and warehouse.
 Owner—Sherman Clay & Co., Sutter & Kearny, San Francisco.
 Architect—R. V. Woods, 505 17th St., Oakland.
 Contractor—N. J. Christensen, 505 17th St., Oakland.

To Be Done By Day's Work.
GARAGE Cost, \$25,000
 SAN FRANCISCO, N O'Farrell 137-6 W Leavenworth St.
 Two-story concrete garage.
 Owner—L. W. Allen.
 Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Contract Awarded.
STABLE & GARAGE Cost, \$24,700
 OAKLAND, Kellersbergers' Map of Oakland Lots 1 to 23 Blk 44.
 One-story 2-room class C reinforced concrete stable and garage.
 Owner—R. H. Rasmussen and J. C. Svane (Santa Fe Express & Drayage Co.), 672 9th St., Oakland.
 Contractor—E. T. Leiter, 1301 West St. Oakland.

SEATTLE, Wash.—Arch'ts. Harlan Thomas and Clyde Grainger, Arcade Bldg., Seattle, takes bids at once to erect 4-story and basement, fireproof garage and store building at First Ave. and Union St., for Inter-Avenue Building Co. Will be 111 by 160 ft.; est. cost \$150,000.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO, Cal.—The following bids were opened by the Supervising Supt. 402 Postoffice Bldg., Mission and 7th Sts., to repair floor, roof, etc. of the U. S. Appraiser's building:
 R. I. Kissel, 1747 Sacramento St., San Francisco \$2500
 Alfred Vogt 2573
 A. Quandt 2687
 Henry Gervais 2687
 H. Tapenhausen 3900

PEARL HARBOR, T. H.—Bids will be asked shortly by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect storehouse and quarters at Naval Operating Base (Hospital), Pearl Harbor, T. H., under Specification No. 5003. See notice under official proposal section in this issue.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish materials to Navy Yards and Stations, as follows: data for opening bids as noted at close of each paragraph:

Sched. 2626, eastern and western yards, large quantities of brass, bronze and copper, Sept. 23.

Sched. 2631, eastern and western yards, large quantities of brass, copper, lead, iron or steel wire, Sept. 23.

Sched. 2633, Mare Island, 3700 gals. coal tar, Sept. 30.

Sched. 2636, for Mare Island and Puget Sound, 800 lbs. chrome green, 1500 lbs. dry white lead, 10,000 lbs. cold-water paint, 2200 lbs. artificial vermilion, 46,000 lbs. damar gum, and 5600 lbs. magnesium resinate, Sept. 30.

Sched. 2651, Puget Sound, 2 low pressure gate valves, Sept. 23.

Sched. 2655, Mare Island and Puget Sound, miscellaneous bolts, nuts and rivets, Sept. 30.

Sched. 2656, eastern and western yards, 12,300 ft. wire rope, Sept. 30.

Sched. 2651, South Brooklyn, Philadelphia, Hampton Roads, Mare Island and Puget Sound, silver and nickel-plated mess gear, Sept. 23.

OAKLAND, Cal.—Finn Anderson, 180 Jessie St., San Francisco, at \$2400, time for completion 60 days, awarded contract by Supervising Architect, Treasury Department, Washington, D. C., for repairs and painting to Oakland post office.

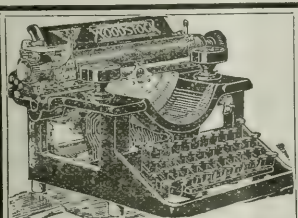
SAN FRANCISCO—Until Sept. 22, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5521-622-627 to fur. and del. Rio Vista, Solano county, lumber. Lists of material desired obtainable on request to above office.

LOS ANGELES, Cal.—Until Oct. 6, 12 M., bids will be rec. by Wm. Arthur Newman, Supervising Supt. 402 Post-office Bldg., San Francisco, to remodel Court Room 420 at U. S. Postoffice, Los Angeles. Plans obtainable from above office and Custodian of P. O. at Los Angeles.

SAN FRANCISCO—Until Sept. 26, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5546, to fur. and del. Rio Vista, Solano county, miscellaneous packings, gaskets, etc. Lists of materials desired obtainable on request to above office.

HALLS AND SOCIETY BUILDINGS

Planned.
CLUB HOUSE, ETC. Cost, \$—
 OAK SPRINGS, Contra Costa Co., Cal.
 Community club house and swimming tank.
 Owner—East Bay Subdivisions, Inc.
 Architect—Not Selected.



Mr. Architect or Builder

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Description

CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET
near Harrison St.
SAN FRANCISCO, CALIF.

Contract Awarded.
FRATERNITY HOUSE Cost, \$32,409
 BERKELEY, Lot 20 22 Blk 8 Daley's
 Scenic Park.
 Two-story frame and plaster fraternity
 house.
 Owner—Nu of Tau Kappa Epsilon.
 Architect—Masten & Hurd, 168 Sutter
 St., San Francisco.
 Contractor—Mason & Duffie Co., 278
 Post St., San Francisco.

Plans To Be Figured Shortly.
LODGE & OFFICE Cost, \$1,000,000
 OAKLAND, SE 20th St. and Broadway.
 Eight and 14-story class A lodge and
 office building.
 Owner—Elks Hall Assn.
 Archt. & Mgr. of Const.—Wm. Knowles
 Central Bank Bldg., Oakland, and
 Hearst Bldg., San Francisco.
 Plans are being completed and figures
 will be called for in about four
 weeks.

Plans Complete.
BUILDING Cost, \$18,000
 ANTIOCH, Contra Costa Co., Cal.
 One-story hollow tile memorial bldg.
 Owner—American Legion of Contra
 Costa County.
 Architect—Davis-Heller-Pearce Co.,
 Delta Bldg., Stockton.
 Figures will be called for as soon
 as Board of Supervisors announce their
 approval of plans.

Plans Complete.
BUILDING Cost, \$18,000
 BRENTWOOD, Contra Costa Co., Cal.
 One-story frame and stucco memorial
 building.
 Owner—American Legion of Contra
 Costa County.
 Architect—Davis-Heller-Pearce Co.,
 Delta Bldg., Stockton.
 Plans have been completed and have
 been submitted to Board of Supervisors
 for approval.

SAN FRANCISCO—T. Ronneberg,
 Crocker Bldg., has been selected structural
 engineer for the proposed new
 Army and Navy Y. M. C. A. building
 to be erected on the Embarcadero. Carl
 Werner, 605 Market St., is the architect.

Sub Contracts Awarded.
CLUB AND STORE Cost, \$—
 OAKLAND, Alameda Co., Cal., Clay St.,
 bet. 12th and 13th Sts.

Class A club and store building.
 Owner—Athens Athletic Club.
 Architect—Wm. Knowles, Central Bk.
 Bldg., Oakland.
 Contractor—MacDonald & Kahn, 130
 Montgomery St., San Francisco, &
 1916 Broadway, Oakland.
Reinforcing steel awarded to Edw. L.
 Soule, 50 Alvarado Ct., Berkeley.
 Lumber is being furnished by the
 Sunset Lumber Co., 1938 Shattuck, Berkeley;
 E. K. Wood Lumber Co., Fred-
 erick & King Sts., Fruitvale; and Tilden
 Lumber Co., foot of University,
 Berkeley.

As previously reported, plumbing
 was awarded to Carl T. Doel, 351 12th
 St., Oakland; heating to Scott Co., 251
 12th St., Oakland; electrical work to
 Kenyon Electric Co., 526 13th St., Oak-
 land; steel to Judson Mfg. Co., 619 Fol-
 som St., S. F.; grading now being done
 by Arris-Knapp Co.

GLENDAL, L. A. Co., Cal.—Archts.
 Walker & Eisen, 701 Great Republic
 Life Bldg., have completed plans and
 are taking bids for erecting a stadium
 at Los Feliz Rd. and Central Ave.,
 Glendale, for Benj. Unger and assoc.
 It will be operated under the auspices
 of the American Legion of Glendale.
 Dimensions 150x250 ft., 10 stores, arena
 150x200 ft., brick walls steel roof
 trusses, comp. rfg.; \$100,000.

WILMINGTON, L. A. Co., Cal.—Will
 W. Teal, 6919 Regent St., Culver City
 and Archt. Thornton Fitzhugh, 401 W.
 Ave. 59, assoc., have completed plans
 for a 3-story class C Masonic temple
 bldg., to be erected on Canal St., bet.
 I and J Sts., Wilmington, for Wilming-
 ton Lodge No. 198, F. & A. M.; the first
 floor will have 3 stores and the other
 floors will be used for lodge purposes.
 Brick walls, 75x50 ft., press. brick
 facing, 3-story, comp. rfg., hardwood
 floors, plate glass, gas hfg. sys., storage
 water htr., pine trim, metal lath;
 \$65,000.

Plans Being Figured.
LODGE & OFFICES Cost, \$170,000
 SAN JOSE, Santa Clara Co., Cal. North
 First Street.
 Six-story and basement reinforced con-
 crete lodge and office building.
 Owner—Knights of Columbus, San Jose
 Architect—Leo J. Devlin, Pacific Bldg.,
 San Francisco.

Date of Opening Bids Set for Oct. 6,
 11 A. M.
MEMORIAL HALL Approx. \$17,000
 DANYILLE, Contra Costa Co., Cal.
 One-story frame and stucco memorial
 hall (American Legion).
 Owner—Contra Costa County.
 Architect—James T. Narbett, 910
 Macdonald Ave., Richmond.

HOSPITALS

SACRAMENTO, Cal.—Bids will be
 asked at once by county supervisors
 Harry W. Hall, clerk, to furnish and
 install laundry equipment and power
 house equipment at county hospital.
 estimate cost for former \$27,000 and
 \$55,000 for the latter. Electrical equip-
 ment for both laundry and power

SAN FRANCISCO—Barrett and Hilt, 918 Harrison st., submitted low bid
 to Board of Public Works to erect relief home buildings from plans prepared
 by City Architect John Reid, Jr., First National Bank Bldg. Complete list of
 bidders on the various segregations follow:

General Contract

Proposition No. 1, all work according to plans and specifications.
 Proposition No. 2, allow work with exception that all interior finish in all
 stories of new Ward "F" shall be omitted.
 Proposition No. 3, all work with exception that Ward "F" shall be omitted.
 Proposition No. 4, all work with exception that Ward "F" shall be omitted
 as in Proposition 3 and in addition all interior finish on 2 upper stories of Ward
 "E" shall be omitted.
 Proposition No. 5, all work with exception that Ward "F" shall be omitted
 as in Proposition No. 3 and in addition all interior finish and all floors of Ward
 Building "E" shall be omitted.
 Proposition No. 6, all work with exception that entire Ward Buildings "E"
 and "F" and connecting corridors to Ward "E" and "F" shall be omitted.
 (a) O. Monson, (d) Reilly & Nemetz,
 (c) Clinton Construction Co., (e) Mahoney Bros.,
 (c) Alfred Kohn, (f) Barrett and Hilt.

	a	b	c	d	e	f
Prop. 1	\$1,527,000	\$1,518,000	\$1,692,846	\$1,554,400	\$1,672,919	\$1,499,800
2	1,488,000	1,473,000	1,616,879	1,511,196	1,622,000	1,460,000
3	1,419,000	1,410,000	1,582,374	1,452,524	1,564,000	1,141,800
4	1,395,000	1,390,000	1,453,632	1,426,348	1,540,000	1,393,600
5	1,363,000	1,360,000	1,513,146	1,402,360	1,477,000	1,371,000
6	1,284,000	1,260,000	1,425,425	1,320,414	1,412,917	1,306,700

Plumbing

	(a) A. Lettich, (b) Lawson & Drucker.	(c) F. W. Snook Co., (d) Turner Co.	
	a	b	c
Prop. 1	\$137,000	\$139,500	\$129,288
2	127,000	131,500	120,287
3	125,500	129,500	116,964
4	123,500	128,000	112,728
5	119,500	121,500	109,038
6	115,800	115,500	105,416
			d
			\$137,400
			125,600
			123,600
			119,000
			112,600
			107,600

Mechanical Equipment

	(a) A. Lettich, (b) Lawson & Drucker.	(c) F. W. Snook Co., (d) Turner Co.			
	(e) Geo. A. Schuster.				
Prop.	a \$160,000	b \$171,000	c \$148,465	d \$180,600	e \$194,000
1	150,500	165,600	140,297	173,600	185,800
2	149,300	164,250	139,554	171,800	184,600
3	148,000	161,250	137,038	170,000	182,400
4	143,000	155,150	132,981	163,400	174,800
5	141,000	154,000	127,700	161,000	171,200

Electrical Work

Electrical Work				Plumbing			
	(a)	(b)	(c)	(g)	(h)	(i)	(j)
	(a) H. S. Tittle,	(b) M. E. Ryan,	(c) F. E. Newberry,	(g) Pac. El. Const. Co.,	(h) Crown Electric Co.,	(i) Turner Co.,	(j) Calif. Elec. Const. Co.,
	(d) Decker Elec. Const. Co.,	(e) C. Tanner,	(f) L. Flatland,	(k) Bttrt El. Eq. Co.,	(l) Stand. Elec. Const. Co.		
	a	b	c	d	e	f	g
Prop. 1	\$62,000	\$55,300	\$64,375	\$68,957	\$68,135	\$67,375	\$66,000
2	61,616	223	63,425	68,109	67,283	725	870
3	60,300	847	62,090	66,334	65,751	2,150	2,400
4	60,200	305	61,685	65,789	67,559	2,650	2,900
5	59,322	1,130	61,225	65,131	66,436	3,000	3,300
6	58,700	400	59,690	62,693	62,298	4,450	4,900
	h	i	j	k	l		
Prop. 1	\$75,000	\$69,250	\$76,200	\$66,420		bid not considered,	
2	337	68,380	785	747			
3	2,440	66,250	2,195	2,185		lacking	
4	2,569	65,750	2,660	2,675		certified	
5	2,843	65,200	3,005	3,075		check.	
6	825	62,250	4,410	4,482			

	(a) J. W. Burtchell	(b) Thos. Day Co.	(c) Severin Electric Co.
Prop. 1	\$9,560	\$12,275	\$10,333
2	8,912	11,450	10,089
3	8,667	10,933	9,664
4	8,082	10,377	9,239
5	8,047	10,289	9,112

Electrical Fixtures

	(a) J. W. Burtchell	(b) Thos. Day Co.	(c) Severin Electric Co.
Prop. 1	\$9,560	\$12,275	\$10,333
2	8,912	11,450	10,089
3	8,667	10,933	9,664
4	8,082	10,377	9,239
5	8,047	10,289	9,112

HOTELS

PEPPERIDGE PLANS BEING PREPARED
HOTEL. Cost, \$300,000.
SAN FRANCISCO. Seventeenth Ave.
and Geary St.
Eight-story Class B hotel and concrete
hotel building.
Owner—C. V. Sachs.
Architect—C. S. Homan, 57 Post St., San
Francisco.

MT. LOWE, L. A. Co., Cal.—Ritten-
house Bros., 5408 York Blvd., have
the general contract at about \$50,000 to
erect a top and side addition and alter
hotel bldg. at Mt. Lowe, for the Pa-
cific Elec. Co. Plans were prepared by
the owner's engr. dept., 694 Pac. Elec.
Bldg. Frame and hollow tile walls, 1-
story top add. and 2-story side add.,
the dining rm. and lobby will be al-
tered, asbestos shingle rfg., hardwood
and pine fls., oil burning steam htg.
sys., diato tile baths, pine trim, plaster
exter; the top add. will contain
dance hall and ballrm. and the side add.
will have 35 hotel rooms with 100%
baths; \$90,000.

LOS ANGELES, Cal.—L. A. Smith 301
S Western Ave., has completed plans
for a class C hotel bldg. to be erected
at 1536 N Western Ave. for O. A. Brown
3883 W 6th St.; it will contain 5 stories
and lobby on first fl., and 48 hotel
rooms with 70 per cent baths in upper
fls. Brick walls, 3-story and basement,
80x100 ft., press, brick facing, art stone
trim, comp. rfg., plate glass, ornam.
iron work, cement and pine fls., tiled
baths, gas rads., storage water htr.,
pine trim, aut. elec. elevators, metal
store fronts; \$90,000. Owner will have
charge of constr. and is taking sub-
sides on all trades.

ICE AND COLD STORAGE
PLANTS

Permit Applied For — Contractor To
Take Sub-Figures.
COLD STORAGE PLANT \$140,000
SAN FRANCISCO, New Montgomery &
Lombard Sts.
Six-story brick and steel cold storage
plant.
Owner—Merchants Ice & Cold Storage
Company.
Architect — Engineer W. Torriggino,
Mills Bldg., San Francisco.
Contractor — Harold Larsen, Monad-
nock Bldg., S. F.

POWER PLANTS

TACOMA, Wash.—A. Guthrie & Co.,
Sherlock Bldg., Portland Ore., at \$195,-
190 submits low bid to city commis-
sioners to const. power house in con-
nection with Lake Cushman power
project; will be 74 by 133 ft., reinforced
concrete construction, 67-ft. high.
Other bids were: S. C. Erickson Co.,
Tacoma, \$211,130; John Wallin, Tacoma
\$227,000; Walesby Const. Co., Tacoma,
\$195,930; J. B. Murphy, Seattle, \$198,-
757.

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MERCED, Merced Co., Cal. — Until
Oct. 16, 2 p. m., bids will be rec. by H.
P. Sargeant, secy. Merced Irrigation
District, Bancroft Bldg., to furnish:
2 variable head turbines, 257 RPM
complete with governors.
2 generators, 15,620 KVA, 11,450 volt,
3-phase, 60 cycle, 257 RPM with ex-
citer and Kingsbury truss bearings.
1 switchboard complete with trans-
formers, etc.
4 10,400 KVA, 11,000 volt to 69,000
volt water cooled transformers.
1 12,000 ampere, 11,000 volt circuit
breakers.
2 55 cell storage batteries with 5
kilowatt motor generating set.
120 KVA lighting arrester.
Plans obtainable from secretary R.
V. Meikle, ch. eng. for dist.

LOS ANGELES, Cal.—Municipal pow-
er bureau engineers are working on
plans for extending and improving bu-
reau's distributing system to be fi-
nanced by \$16,000,000 bond issue
authorized at Aug. 26 election. A por-
tion of this amount will be used dur-
ing 1925 as follows: 9 district sub-
stations, \$1,400,000; warehouses and
shops, \$500,000; cable lines in business
district, \$1,500,000; 40 miles new power
lines, \$325,000; improve and add to dis-
tributing lines, \$1,600,000; distributing
facilities in new territory, \$2,000,000;
first unit of transmission belt lines,
\$1,200,000.

LOS ANGELES, Cal.—Western Elec.
Co. submitted only bid to pub. serv.
comm. Sept. 8 at \$8990 (alt. \$8689) for
fuses under spec. P-336-414.
Westinghouse Elec. & Mfg. Co. low
at \$6938 for throttle fuses under spec.
336-403. Line Materials Co. bid \$7150
f. o. b. L. A., 30 days.
Jones-Thorne Co. low at \$41,947.50
f. o. b. L. A., for wire and cable under
spec. P-337; reels, \$15; disc., 1/2 of 1%,
pay 10 da. Other bids: Pac. States Elec.
Co., \$49,271.25 f. o. b. L. A., no disc.;
Standard Underground Cable Co., \$44,-
041; Graham-Reynolds Co., \$43,487.50,
f. o. b. St. James spur; reels, \$16; disc.
1/2 of 1%, 10 da; J. A. Roebblings Sons
Co., \$44,675; reels, \$7.50; 1/2 of 1% disc.

MODESTO, Stanislaus Co., Cal.—City
council adopts ordinance authorizing
purchase of two transformers at cost
of \$750. W. F. McCarton, city engineer.

PUBLIC BUILDINGS

LOS ANGELES, Cal.—Arch. A. C.
Zimmerman, 836 H. W. Hellman Bldg.,
has completed plans for a class A bldg.,
to be erected at the Roosevelt Memorial
park, near Gardens, for the Park
Development Co., Mr. Waterman, 4th
fl. Commercial Exchange Bldg., in
charge. Reinf. conc. constr., 30x50 ft.,
50 ft. high, plaster facing, Indiana
limestone trim, Gladding-McBean tile
rfg., cement fl.; \$35,000. The bldg. will
house a large pipe organ. Bldg. to be
erected by owner.

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and in Ventilating

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BERKELEY, Cal.—At \$3390, Burr &
Sons, 1520 Delaware, Oakland, were
awarded the contract for painting and
redecorating of city hall, by City Council
of Berkeley.

SANTA CRUZ, Santa Cruz Co., Cal.—
Architect Allen C. Collins, Farmers &
Merchants Bank Bldg., Santa Cruz,
commissioned to prepare plans for Hall
of Records addition.

EUREKA, Humboldt Co., Cal.—County
superisors authorize preparation of
plans to restore portions of county
courthouse, recently destroyed by fire.

BAKERSFIELD, Kern Co., Cal. —
Supervisors reject bids to erect two-
story brick juvenile detention home in
East Bakersfield and no bids have
been asked to be opened Oct. 13, 10 a.
m. Chas. H. Biggar, architect, Bank
of Italy Bldg., Bakersfield. Bids were:
Wm. Eissler, Bakersfield, \$40,750; Wm.
G. Reed, Bakersfield, \$43,750; Henry
Eissler, \$45,000; R. D. Burgess, \$46,-
315; Graham and Son, \$47,332; Zimmer-
man and Lindsey, \$47,657; Currie and
Dulgar, Bakersfield, \$48,000. Plans ob-
tainable from architect San deposit of
\$10, returnable. F. E. Smith is clerk
of the Board of Supervisors. (Est. cost
\$32,000.)

LOS ANGELES, Cal.—Park commis-
sion, Exposition park, has completed
plans for a police sub-station, to be
erected on Newton St. near Central
Ave. The bldg. will contain jail, of-
fices, assembly hall, kitchen and din-
ing rm., dimen. 44x109 ft., front sec-
tion 44x44 ft. wds. will be class A, brick
constr. and rear section, 36x65 ft.
will be class A reinf. conc. constr., 2-
story and basement, comp. rfg., press.
brick facing, cem. and hardwd. fls.,
steam hts. sys., wire and plate glass,
tiled toilets, 85 ft. pistol range; garage
to house about 9 cars; \$65,000. The bldg
will be erected at once under the su-
pervision of the park comm.

RESIDENCES

Plans Being Prepared.

BUNGALOW Cost, \$7500
BERKELEY, Alameda Co., Cal. College
Avenue.
One-story hollow tile bungalow.
Owned—H. A. Upton.
Architect—Louis M. Upton, 454 Mont-
gomery St., San Francisco.

Plans Completed.
RESIDENCE Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. Laurel
Ave., Lot 1, Glazenwood.
Two-story frame residence.
Owner—S. A. Born, 925 Rosenwood Dr.,
San Mateo.
Architect — W. H. Toepke, 914 Laurel
Ave., San Mateo.
Contractor—S. A. Born, 925 Rosenwood
Dr., San Mateo.

Contract Awarded.
RESIDENCE Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. Hur-
ingham Ave. Lot 43.
Two-story frame residence.
Owner—J. E. McCurdy, 307 B St., San
Mateo.
Architect—None.
Contractor—Leadley Wiseman, 207 2nd
St., San Mateo.

A. E. Leitch J. G. Leitch

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Plans Being Figured. Cost, \$3600
RESIDENCE
 BERKLEY, Alameda Co., Cal Santa Barbara Road.
 One-story frame and stucco residence and garage.
 Owner—H. C. Teasdel.
 Architect—Archie Newsom, Nevada Bldg., San Francisco.

Plans Being Prepared. Cost, \$10,000
RESIDENCE
 BERKLEY, Thousand Oaks.
 Two-story frame and stucco residence.
 Owner—M. Friedman & Co., 2040 University Ave., Berkeley.
 Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Plans Complete. \$4000 each
RESIDENCES
 SAN FRANCISCO, W Del Monte, N Mt. Vernon and vicinity
 28-story and basement frame residences.
 Owner—James Welsh, 1 Northwood Dr. San Francisco.
 Architect—Bauman & Jose, 251 Kearny St., San Francisco.

Segregated Figures Being Taken.
RESIDENCE Cost, \$33,000
 PIEDMONT, Wildwood Ave.
 Two-story frame and stucco residence with tile roof.
 Owner—H. G. Hills.
 Architect—Sidney B. Newsom, Nevada Bank Bldg., San Francisco.

Plans Complete. Cost, \$3000 each
RESIDENCES
 SAN FRANCISCO, E 28th Ave. 175 200 225 250 300 325 N Judah.
 Seven 1-story & basement frame residences.
 Owner—C. A. Hall, 1301 4th Ave., San Francisco.

Contract Awarded. Cost, \$10,320
RESIDENCE
 PIEDMONT, Lot 14 Guilford Place.
 Two-story frame and stucco residence.
 Owner—Amelia H. Bragg.
 Architect—Williams & Wastell, Amer. Bank Bldg., Oakland.
 Contractor—Alex C. Wieben.

Contract Awarded. Cost, \$12,000
DWELLINGS
 OAKLAND, Alameda Co., Cal. Sequia Hills.
 Three one-story frame and plaster dwellings.
 Owner—Withheld.
 Architect—Ed. M. Sharpe, 60 Sansome St., San Francisco.
 Contractor—American Bldg. Co.

Contract Awarded. Cost, \$12,300
RESIDENCE
 SAN FRANCISCO, E San Benito 225 N St. Francisco Blvd.
 Two-story and basement frame residence.
 Owner—James M. Hanley, 176 Delmar St., San Francisco.
 Designer—Milton M. Morrison, 601 42nd Ave., San Francisco.
 Contractor—E. W. Demarais & Sons 732 Page St., San Francisco.

Plans Being Prepared. Cost, \$11,000
RESIDENCE
 OAKLAND, Excelsior Ave.
 Two-story frame and stucco residence with tile roof.
 Owner—A. B. Ordway.
 Architect—Williams & Wastell, Amer. Bank Bldg., Oakland.

Plans Being Prepared. Cost, \$25,000
RESIDENCE
 SAN FRANCISCO, 39th Ave. & Irving.
 Two-story frame and stucco residence.
 Owner—H. H. Egges.
 Architect—Powers & Ahnden, 469 Montgomery St., San Francisco.

Contractor Taking Sub-Figures
RESIDENCE Cost, \$22,000
 PIEDMONT, Alameda Co., Cal., S E La Salle Ave. and Indian Road.
 Two-story and basement frame and stucco residence and garage (14 rooms) shingle roof.
 Owner—A. H. Markwart, 377 Palm Ave Piedmont.
 Architect—W. C. Hays, 1st Natl. Bank Bldg., San Francisco.
 Contractor—E. H. Markwart, 1208 Waller St., San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, \$24,000 (\$3000 each)
 SAN FRANCISCO, W Florentine 125 to 300 N Morse.
 Eight 1-story and basement frame dwellings.
 Owner—Victor Holmgren, 5485 Mission St., San Francisco.

Plans Being Prepared. Cost, \$45,000
RESIDENCE
 PIEDMONT, Sea View Ave.
 Two-story frame and stucco residence of Italian architecture with terra cotta tile roof (9 rooms)
 Owner—Withheld.
 Architect—C. W. McCall, Central Bank Bldg., Oakland.

Contracts Awarded. Cost, \$14,000
FLAT BLDG.
 SAN FRANCISCO, Hayes St.
 Two-story frame and brick veneer residential flat bldg.
 Owner—Mrs. E. J. S. Pfeffer.
 Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Glass and glazing awarded to P. A. Smith, 638 4th St., S. F.
Tile to Art Tile Co., 231 Oak St., S. F.
Electric work to Mohrck Ford Electric Co., 1303 Castro St., S. F.
Lumber to San Francisco Lumber Co., Foot of Mason St., S. F.
Oak floors to Royal Hardwood Floor Co., 180 Jessie St., S. F.
Brick work to Dee Furnace Repair Co., 170 Hooper St., S. F.
Sheet metal work to H. Hansen, 912 Cole St., S. F.
Plumbing to Daniel Campbell, 6331 Mission St., San Francisco.
Heating to F. J. Emerson.
Grading to B. Rosenberg, 58 Merlin.
Mill work to Chase Lumber Co., 547 W Sta Clara, San Jose.
Concrete work to Richmond Concrete Co., 2940 Geary St., S. F.

Plans Being Prepared. Cost, \$33,000
RESIDENCE
 PIEDMONT, Alameda Co., Cal.
 Two-story frame and stucco residence with terra cotta tile roof.
 Owner—Dr. Robt. Dunn.
 Architect—Williams & Wastell, Amer. Bank Bldg., Oakland.

To Be Done By Day's Work.
DWELLINGS Cost, \$30,000
 SAN FRANCISCO, NW South Hill Blvd & Baltimore Way, SE Cordova and Baltimore, S Chicago Way 162 & 195 E Cordova, N Munich 250 W Rolph, S Munich 304 W Cordova, N Winding Way 51 E Naylor, W Drake 30 N Winding Way.
 Eight 1-story and basement frame dwellings.
 Owner—Crocker Estate Co., Crocker Bldg., San Francisco.
 Architect—Owner.

SALINAS, Monterey Co., Cal. The Bards Place & Mt. 300 356 Polson Street, San Francisco, at \$1400 were awarded the contract for the bank alarm system in the treasurer's office at Salinas, Monterey Co. Other bids were:
 Burglary Protection Co. \$1050
 Bank Protection Co. 2474

LOS ANGELES, Cal. — J. H. Goble Co., 8406 1/2 Sunset Blvd., is preparing plans and will erect a 2-story 12-room frame dwelling in Fremont Pl. for Miss Helen Mathewson. Found., 66x57 ft., stucco exter., tile and comp. rfr., hardwood fls. and trim, unit furnace and steam heat, 4 tile baths, tile drainbd., garage with chauffeurs apts., laundry.

LOS ANGELES, Cal. — Postle Co., archts. and engrs., 631 Van Nuys Bldg. have completed plans for a 16-room residence, to be erected at 815 S. Crenshaw Blvd., for William A. Greenwald. Frame and plaster constr., 2-sto. and part basement, tile rfr., art stone trim, ornam. iron work, hardwood fls., gas unit hgt. sys., tile baths, aut. water htr., mahogany and pine trim, art stone mantel, 2-car garage.

LOS ANGELES, Cal. — Archt. A. G. Zimmerman, 826 H. W. Hellman Bldg. has completed plans for a 12-rm. residence, to be erected on Wilton Pl. near 11th St., for A. E. Hastings. Frame constr., 2-story and part basement, split shake exter. and rfr., hardwood fls., gas furnace hgt. sys., 3 linotile baths, hardwood and pine trim, aut. water htr., colonial mantel.

BEVERLY HILLS, L. A. Co., Cal. — Archt. Edward Cray Taylor and Ellis Wing Taylor, engr., 738 W 8th St., have completed plans for an Italian residence, to be erected at n.e. corner Elevated Ave. and Rodeo Dr., Beverly Hills, for R. C. Heinsch. Frame and plaster constr., 2-story and basement, tile and comp. rfr., hardwood fls., 3 tile baths, gas unit hgt. sys., aut. water htr., Batchelder tile mantel, hardwood and pine trim, garage. Owner will erect by day labor and sub-contract.

LOS ANGELES, Cal. — Milwaukee Bldg. Co., 3rd fl., Wright-Callender Bldg., has completed plans and has the contract at about \$75,000 to erect a 20-room residence on Bel-Air Rd. Bel-Air, for Dr. W. S. T. Smith. Frame and plaster constr., 2-story and basement, L-shaped, 84x74x39 ft., tile rfr., hard fls., gas hgt. sys., hardwood and pine trim, 5 tiled baths, art stone mantels, ornam. and wrought iron work, marble work, tiled stair halls, billiard room, terraces and balcony.

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ALHAMBRA, L. A. Co., Cal.—S. Du-
Puy, 1019 Edith Ave., Alhambra, has
secured permit for 2-story, 20-room
dwelling on Edgemont H.H. Alhambra, \$19,-
000. J. W. Smart, architect. T. M. Gar-
son, assoc., 2nd Van Amburg Bldg., Al-
hambra.

SCHOOLS

ALAMEDA, Alameda Co., Cal.—Bids
were opened September 16, 1924, at 8
o'clock p. m. by the secretary of the
Board of Education of the City of Alame-
da for the construction of a brick
and hollow tile high school building
according to plans and specifications
by Architect Carl Werner, Santa Fe
Bldg., San Francisco, Cal.

The plastering bids and bid for al-
tering present school were rejected.
All other bids were taken under ad-
visement until September 29th.

General Contract Pro. No. 1
Cochrane-Boehm, Cal Bldg., San Fran-
cisco, \$312,872; alt. No. 1 add \$1000;
alt. No. 2 ded. \$2000; (A) unite
price excavating (add) \$1.00 per
cu. yd. (deduct) 50c; (B) unite
price concrete (add \$20.00 per cu.
yd. (deduct) \$15.00; (C) reinforcing
steel per 100 lb. \$7.00.

C. L. Wold Co., \$318,980, \$318,980, \$2720,
\$680, \$2150, \$1150, \$2150, \$1750,
\$5.75, alt. 3 (add) \$3000.

R. W. Moller, \$352,138, \$1135, \$2055,
\$150, \$125, \$20.00, \$18.00, \$4.00,
Sammel & Gedy, \$361,000, \$1500, \$1000,
\$3.00, \$1.00, \$20.00, \$15.00, \$10.00,
alt. 3 (add) \$3000.

Schuller & McDonald, \$379,700, \$1040,
\$1140, \$150, \$1.00, \$16.00, \$13.00, \$5.

Brick & Tile Pro. No. 2
H. E. Drake, 180 Jessie, S. F., \$32,900
Mey & Collins, S. F., \$33,980
White & Gloor, S. F., \$37,420
Herbert Beckwith, \$37,700
M. B. McGowan, S. F., \$39,987

Lathing & Plastering Pro. 3
Herman Bosch, 150 Jessie St.,
San Francisco \$79,400
Add \$3200, deduct \$1200.

A. Knowles, S. F., \$79,900
Add \$300, deduct \$1200.

Geo. Dixon, Oakland, \$107,872
Add \$5000, deduct \$1100.
Wm. Makin, Oakland, \$112,800
Add \$200, deduct \$1360.

Plumbing Prop. 4
W. & J. Bays, Alameda, \$20,918
Scott Co., \$22,365
A. Jethhammer, \$24,810
L. R. Kruse, \$24,847
T. R. Catton, \$26,720
H. G. Newman, \$27,831
W. H. Beard, \$30,500

Heating and Ventilating Prop. 5
Geo. A. Schuster, 1035 Elsinore
Oakland, \$51,990
No. 1 add \$6254; No. 2 add
\$818; No. 3 add \$1280.

H. G. Newman, \$52,743
1, \$5780; 2, \$510; 3, \$1500.
W. H. Picard, \$53,500
1, \$6000; 2, \$825; 3, \$359.
W. K. Nottingham, \$53,890
1, \$5880; 2, \$666; 3, \$388.
Scott Co., \$54,455
1, \$6100; 2, \$565; 3, \$560.
Carl T. Doell, \$55,500
1, \$6635; 2, \$616.

Electrical work Prop. 6
Spencer Elec. Co., S. F., \$32,335
Alt. No. 1 add \$50; Alt. No.
2, deduct \$3312.
M. E. Ryan, \$32,850
1, \$151; 2, \$3043.

Strom Electric Co., \$32,906
1, \$200; 2, \$5500.
Newbery Electric Co., \$33,000
1, \$100; 2, \$3300.

Ne Page McKenny, \$33,970
1, \$80; 2, \$2878.
Advance Electric Co., \$35,866
1, \$225; 2, \$3175.

Decker Electric Co., \$37,792
1, \$316; 2, \$2847.

Sheet Metal Works Prop. 7
Guilkey Cornice Works, 269 Po-
trero Ave. S. F., \$ 6,582
Forrester Cornice Works, S. F., \$ 7,898
East Bay Sheet Metal, \$ 8,307.50
American Sheet Metal Works., \$11,565

Roofing Prop. 8
Oakland Roofing Co., 351 12th
St., Oakland, \$5993
Alt. 1, \$1545.
H. C. Brown Co., Oakland, \$6400
Alt. 1, \$2634.

A. Thompson, Oakland, \$640
Binder roofing Co., S. F., \$7254
Alt. 1, \$695.

Painting Prop. 9
J. J. Burdon, 1426 Macdonald
Ave., Richmond, \$16,485.
J. Chaban, S. F., \$19,625
R. Zeilnsky, S. F., \$25,518
J. A. Tursen, \$33,130
**For Remodeling of Existing High
School Building**
Schuler & McDonald, 303 12th St \$47,116

BUILDING Cost, \$—
BERKELEY, University campus.
Frame and plaster bldg. for training
quarters to be erected underneath
memorial stadium.
Owner—University of California.
Architect—Jno. Galen Howard & Asso.
First Natl. Bank Bldg., S. F.
Fred Westlund, 351 12th St.,
Oakland, \$35,720
John M. Bartlett, \$35,870
N. Hopper & Son, \$36,400
F. W. Maurice, \$36,470
Ben Pearson, \$38,200
Chas. McCullough, \$39,628
Grant & Hart, \$44,800
Dinnie Construction Co., \$47,571
Bids all under advisement.

Architect Selected.
SCHOOL Cost, \$100,000
MONTECITO, Santa Barbara Co., Cal.
One-story fireproof grammar school
and auditorium.
Owner—Montecito Grammar School
District.
Architect—m. H. Weeks, 369 Pine St.,
San Francisco.

Contract Awarded.
SCHOOL Cost, \$11,285
CONCORD, Contra Costa Co., Cal.
One-story frame grammar school au-
ditorium building.
Owner—Concord Grammar School Dis-
trict.
Architect—James T. Nabett, 910 Mac-
donald Ave., Richmond.
Contractor—L. D. Perry, Concord.
Plans were slightly revised and sev-
eral deductions made and the contract
awarded Mr. Perry (low bidder) on his
original bid, less \$3365.

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San Francisco

Contract Awarded.
SCHOOL. Cost, \$6990
BERESFORD, San Mateo County, Cal.
 Two-room frame school.
Owner—San Mateo School District.
Architect— Sylvain Schnaittacher, 233
 Post St., San Francisco.
Contractor— Sorenson Bros., 16 Dwight
 Way, Burlingame.
 Bids were formerly called for but
 were all rejected as being too high.

LOS ANGELES, Cal.—Archts. Jeffery
 & Schaefer, 1104 Kerckhoff Bldg., are
 preparing plans for high school bldg.,
 to be erected at the Franklin center
 high school site, Ave. 54 and Hubb St.,
 for the bd. of Educ. There will be an
 auditorium bldg., which will have a
 seating capacity of 2000 people and
 music rooms and English classrooms
 and a 20-unit classroom bldg. to contain
 manual arts and domestic science
 depts., cafeteria, etc. Brick walls, 2-
 story and basement, plaster ext.,
 comp. rfg., maple and cem. fls. and
 hlk. sys., pine trim, tile and marble
 work, slate blackboards; \$350,000.

SAN FRANCISCO— Crown Electric
 Co., 153 Eddy St., at \$1045 submits low
 bid to Ed. Pub. Wks. to furn. and
 install border lights in Galileo High
 School Auditorium. Other bids: L. Flat-
 land, 1875; J. W. Burchaell, \$1200;
 F. A. Radelfinger, \$1900.

STOCKTON, San Joaquin Co., Cal.—
 All bids received for general contract
 by the Board of Education of the City
 of Stockton in connection with the
 completion of general work including
 wood finish, lathing, plastering, black-
 boards, tinting and painting for the
 Luther Burbank school, Elgin and
 Jefferson Streets, were rejected as be-
 ing too high. Segregated bids will be
 called shortly. H. E. Vickroy, 1122 N.
 Commerce Street, Stockton, submitted
 low bid at \$37,353.

LONG BEACH, L. A. Co., Cal.—Wm.
 G. Reed, 814 Pacific S. W. Bank Bldg.,
 Long Beach, has signed final cont. at
 \$247,000 for Woodrow Wilson Jr. high
 school bldg. at San Diego. Bldg. will
 be 2-story and basement, hollow tile
 walls, tile and comp. r. T. C. Kistner
 & Co., archts., 616 Pantages Bldg. and
 537 Spreckels Bldg., San Diego.

LOS ANGELES, Cal.—Chas. Olester,
 Clark Hotel, was awarded the general
 contract at \$79,500 for erecting a new
 school bldg., at 78th St. School sites
 Hudson & Munsell, archts. Other con-
 tracts were awarded as follows: Heat-
 ing to J. M. Eustice at \$6440, painting
 to Ellis-Reed Studios at \$2735, and wiring
 to American Electric Construction
 Co. at \$2778.80.

MARTINEZ, Contra Costa Co., Cal.—
 The bid of Geo. Pitcom of \$7940, re-
 ceived by John M. Reid, secretary of
 the Alhambra Union High School Dis-
 trict, for the construction of a one-
 story frame (rustic) shop building at
 the rear of the present gymnasium
 building was rejected as being too
 high. No other bids were submitted.

PALMDALE, L. A. Co., Cal.—Archt.
 A. C. Zimmerman and H. W. Michael,
 assoc., 836 H. W. Hellman Bldg., have
 completed plans for a 2-story bldg. ad-
 dition to grammar school bldg. at Palmdale
 for the Palmdale school district.
 Brick walls, 1-story, tile rfg., brick
 ext., maple fls., steel windows, pine
 trim; there will be a new steam hts.
 sys. for entire bldg. and there will also
 be new blackboards for entire bldg.;
 \$19,000.

VENICE, L. A. Co., Cal.—J. F. Kobler
 932 Rimpau Blvd., was low bidder on
 general contract at \$35,795 for a new
 school bldg. on the Martha Washington
 school grounds, Venice. Francis D. Ru-
 therford, archt., and D. D. Smith, assoc.
 205 Mills-Fraser Bldg., Santa Monica,
 and 200 Parkhurst Bldg., Venice. Other
 low bids were: Plumbing and heating,
 Venice Sanitary Plumbing Co., Venice,
 \$3697; elec. wiring, Wilshire Elec. Co.,
 Santa Monica, 1978 (including time
 clocks and phones); painting, Drescher
 & Heinsbergen, Pantages Theater Bldg
 1695; plastering, J. F. Kobler, 932
 Rimpau Blvd.

MODESTO, Stanislaus Co., Cal.—Neil
 & Wirtner, Turlock, at \$5448 awarded
 contract by Shiloh School District to
 remodel present school and make one
 classroom addition. Other bids were:
 M. O. Ward, Modesto, \$6600; P. Peterson,
 Turlock, \$6319; Orr & McGregor,
 Turlock, \$7063; J. W. Larson and J.
 Peterson, Turlock, \$6150; Anderson &
 Wiman, Turlock, \$5835; M. R. Sher-
 man, Modesto, \$5864; H. Tennyson,
 Modesto, \$5885.

WEED PATCH, Kern Co., Cal.—H. F.
 Chambers of Arvin, at \$1,187½ awarded
 contract by Vinland School to erect
 new school. Glass & Dupes, arch-
 tects, Bakersfield.

MARICOPA, Kern Co., Cal.—Until
 Sept. 26, 7:30 P. M., bids will be re-
 ceived by C. E. Warner, clerk, Maricopa
 High School District, to fur. 217 ft.
 iron fence, 2 8-ft. gates and 4 end
 posts for gates, fence to be of type
 known as Cyclone Iron Fence, Pattern
 C-511 or similar type. See call for bids
 under official proposal section in this
 issue.

COVINA, L. A. Co., Cal.—Until 7 p. m.
 Oct. 8th bids will be rec. by the board
 of trustees of the Covina Union High
 School Dist. for erecting high school
 science bldg. and for alterations and
 additions to auditorium bldg. at the
 Covina high school site, Covina. Train
 & Williams, 226 Western Mutual Life
 Bldg., archts. The science bldg. will
 be 2-story and basement, 166x66 ft., 15
 rms., cafeteria, etc. reinf. conc. constr.,
 cast stone and stucco ext., comp. rfg.,
 wood fls., reinf. conc. stairways and
 corridor fls., pine trim; \$150,000. The
 addition to the auditorium will be 55
 by 73 ft., increasing seating capacity
 to 1000 people. All work is included in
 the general contract.

SACRAMENTO, Cal.—Until Sept. 30,
 1:30 P. M., bids will be received by
 Mrs. Catherine Mason, clerk, Sutter
 School District, to construct classrooms
 addition to present school. Cont. check
 10% req. with bid. Plans obtainable
 from clerk, Box 119, Riverside Road,
 Sacramento.

MADERA, Madera Co., Cal.—Until
 Sept. 25, 5:30 p. m. (new date), bids
 will be rec. by H. C. Austin, clerk,
 Madera School District, to fur. and in-
 stall gages in Lincoln school, together
 with wiring for same. Further infor-
 mation obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal.—
 The following contracts were awarded
 by the Board of Education of the City
 of San Jose for the construction of a
 reinforced concrete high school build-
 ing in Grant Street, San Jose, accord-
 ing to plans and specifications by Ar-
 chitects W. H. Weeks, 369 Pine Street,
 San Francisco and Tribune Tower,
 Oakland, and Binder & Curtis, 35
 W. San Carlos Street, San Jose:

General contract awarded to Robert
 Trost, 26th and Howard Sts., S. F.
 on Propositions No. 1, No. 4 and
 No. 5, at \$393,931.

Heating to F. Studer, 667 E. St. James
 Street, San Jose.

Bids for blackboards are under ad-
 visement.

BANKS, STORES & OFFICES

Plans to be prepared
STORE BUILDING Cost \$25,000
SAN MATEO, San Mateo Co., Cal. 6th
 and B Sts.

Two-story store and office building
 owned by E. Lydon, Beresford Country
 Club.
 Architect Not Selected.

PRATT'S CONCRETE MIX

Clarence
by Sand
Pratt



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SANDY PRATT is here.

ON A visit.

TO HIS brother.

WHO is a lumberman.

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IN THIS town.

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FROM THE Southern Pacific Depot

WHILE SANDY's brother.

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SANDY PRATT, President.

OF THE Pratt Building Material Co.

TAKES THE "sticks."

OUT OF his crushed rock

AND LEAN, sharp sand.

WHEN SANDY washes it.

IT SEEMS TO RUN

IN THE Pratt family

TO GET up something new

AND SANDY's brother.

OF THE Everett Lumber Company.

IS TRYING to invent a way.

OF REMOVING the "beams."

FROM SUNBEAMS.

AND SELL them.

FOR LARGE timbers.

AND THE other day.

A WOMAN repaired a broken window.

HER BOY was sick.

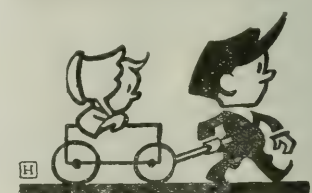
WITH THE tummyache.

BUT THE boy fell.

THROUGH THE window.

AND THE "pane" was gone.

"I THANK you."



A picture of Leonard H. Pratt giving a
 sub-debuteant of by-gone days her
 first joy-ride. Note the beaming face
 on young Leonard and his lumbering
 stride.

Planned.
STAGE TERMINAL. Cost, \$—
 SAN FRANCISCO. Fifth and Mission
 Sts.
 Eight-story class A stage terminal
 Owner—Pickwick Stage Corp., Chas. F.
 Wren (President)
 Architect—Not Selected

ZAMORA. Yuba Co., Cal.—J. Wetzel-
 berger, Woodland, at approx. \$8000
 awarded contract by Percy Foster to
 erect one story store building with tile
 roof.

Plans Being Prepared.
STORE BLDG. Cost, \$12,000
 OAKLAND, 9th and Webster Sts.
 One-story class C store building.
 Owner—B. L. Mossbacher.
 Architect—Marrow & Garren, Chron-
 icle Bldg., San Francisco.

**Sub-contracts To Be Awarded Next
 Week.**
OFFICE BLDG. Cost, \$112,000
 SAN JOSE, Santa Clara Co., Cal. Third
 and San Fernando Sts.
 Two-story and basement reinforced
 concrete office building.
 Owner—Pacific Gas & Electric Co.
 Architect—Binder & Curtis, Binder
 Bldg., San Jose.
 Contractor—L. O. Summers, 17 N-Firth
 St., San Jose.

Bids Opened.
COMMISSION HOUSE. Cost, \$75,000
 OAKLAND, Fifth and Webster Sts.
 Two-story brick commission house.
 Owner—Withheld.
 Architect—Schlirmer-Bugbee Co., Thayer
 Bldg., Oakland.
 Buschke & Brown, 604 Mission
 St., San Francisco \$40,300
 R. W. Littlefield 41,700
 Lawton & Vezev 42,548
 J. B. Bishop 42,594
 J. M. Bartlett 43,980
 Schnelby & Hostrauser 44,567
 Dinnie Construction Co. 44,571
 Mullen TaVois 44,999
 M. W. Hoffer & Sons 45,668
 Schuler & McDonald 45,673
 Coast Construction Co. 45,920
 H. M. Frosthalm 46,820
 Cahill Bros. 46,850
 Barrett & Hilp 47,455
 All bids are being held under advise-
 ment.

Plans Being Figured.
REMODELING. Cost, \$10,000
 OAKLAND, San Pablo Ave. near Uni-
 versity.
 Remodeling garage into store bldg.
 Owner—Mr. George.
 Architect—W. E. Schirmer, Thayer
 Bldg., Oakland.
 Lessee—Sherman Dry Goods Co., 5711
 San Pablo, Oakland.
 (52954 1st report Sept. 4, 1924; 2nd

Low Bidder.
COMMISSION HOUSE. Cost, \$75,000
 OAKLAND, Fifth and Webster Sts.
 Two-story brick commission house.
 Owner—Misses E. & D. Walters.
 Architect—Schlirmer-Bugbee Co., Thayer
 Bldg., Oakland.
Low Bidder— Buschke & Brown, 604
 Mission St., S. F., at \$40,300.
 In all probability the award will be
 made to low bidder.

Plans Being Figured.
STORE BLDG. Cost, \$17,000
 BURLINGAME, Burlingame Ave.
 One-story reinforced concrete store
 building.
 Owner—S. K. Whipple, 1308 Burlin-
 game St., Burlingame.
 Architect—Ernest L. Norberg, Balboa
 Bldg., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, \$10,000
 OAKLAND, East 14th St.
 One-story hollow tile store bldg. (2
 stories).
 Owner—Alvin R. Thomas.
 Architect—Williams & Wastell, Amer.
 Bank Bldg., Oakland.

Plans Being Prepared.
STORE BLDG. Cost, \$14,000
 OAKLAND, East 12th St.
 One-story hollow tile store bldg. (5
 stories).
 Owner—Withheld.
 Architect—C. W. McCall, Central Bank
 Bldg., Oakland.

Bids Being Taken.
STORES & OFFICES. Cost, \$175,000
 SAN FRANCISCO, S Market E of 7th.
 Three-story and basement steel frame
 and brick store and office bldg.
 Owner—Marian Realty Co., 1171 Mar-
 ket St., San Francisco.
 Architect—Rousseau & Rousseau, 1171
 Market St., San Francisco.
Steel awarded to Central Iron Works.

Contract Awarded.
ALTERATIONS. Cost, \$11,000
 SAN FRANCISCO. No. 216 Market St.
 Alterations to brick office building.
 Owner—Martin Investment Co., 817 1st
 National Bank Bldg., S. F.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.
 Contractor—G. W. Wagner, 181 South
 Park, San Francisco.

Preliminary Plans Being Prepared.
STORE BLDG. Cost, \$40,000
 SAN FRANCISCO. NW Eighth and
 Folsom Sts.
 One-story brick store building.
 Owner—J. P. and C. Shaffer, 40 Merced
 St., San Francisco.

Bids Under Advertisment.
ALTERATIONS. Cost, \$15,000
 SAN FRANCISCO. No. 807 Market St.
 Extensive remodeling to office building.
 Owner—Regal Shoe Co. (Mr. Hubbard).
 Architect—Albert Schroepfer, Foxcroft
 Bldg., San Francisco.

Plans Completed.
OFFICE BLDG. Cost, \$—
 SAN FRANCISCO. N Post 160-10 W
 Powell St.
 Ten-story and basement class A of-
 fice and loft building.
 Owner—Selah Chamberlain, Mills Bldg.
 San Francisco.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.

Sub Figures Being Taken.
BRICK BLDG. Cost, \$16,000
 BURLINGAME, San Mateo Co., Calif.
 One-story brick building.
 Owner—Daniels Bros.
 Architect—O'Brien Bros., 315 Mont-
 gomery St., S. F.
 Contractor—Bagge & Vukicevich, 815
 Bryant St., San Francisco.
 Considerable plate glass will be used
 in construction of this building.

Contract Awarded.
ALTERATIONS. Cost, \$40,000
 SAN FRANCISCO, 621 Market St.
 Alterations to brick store building.
 Owner—John C. Brickell Co.
 Lessee—Pig'n Whistle Co. Consolidated
 Architect—Alfred N. Jacobs, French
 Bank Bldg., San Francisco.
 Contractor—Michael & Borner, 762 De
 Haro St., S. F.

Sub Figures To Be Taken Next Week.
STORE & LOFT. Cost, \$30,000
 OAKLAND, W Telegraph Ave. 105 N
 16th St.
 Six-story concrete store and loft.
 Owner—D. J. Sullivan, 918 Harrison
 St., San Francisco.
 Architect—J. J. Donovan, Tapscott
 Bldg., Oakland.
 Contractor—Barrett & Hilp, 357 12th
 St., Oakland.

Contract Awarded.
STORES. Cost, \$11,000
 OAKLAND, W Grand Ave. 90 S Perry St.
 One-story brick and concrete stores.
 Owner—D. McHenry, 805 Syndicate
 Bldg., Oakland.
 Contractor—F. A. Muller, 805 Syndicate
 Bldg., Oakland.

**Bids Under Advertisment—Contract To
 Be Awarded Shortly.** Cost, \$43,000
 SAN FRANCISCO, N Market 150 W
 Marshall Square.
 One-story basement and mezzanine fl.
 reinforced concrete furniture store.
 Owner—Hore Realty Co., 1021 Hearst
 Bldg., San Francisco.
 Architect—Geo. E. McCrea, 369 Pine St.
 San Francisco.

Construction Under Way.
UNDERTAKING PARLORS. \$40,000
 SACRAMENTO, Cal., Barbara Way.
 One-story reinforced concrete and hol-
 low tile building for undertaking
 parlors.
 Owner—W. F. Gormley, 720 H St., Sacra-
 mento.
 Designer—Harry De Vine, 1405 41st St.,
 Sacramento.
 Contractor—James C. Gormley, 1152
 Santa Barbara Ct., Sacramento.
**Concrete awarded to H. H. Parker, 1045
 41st St., Sacramento.**
Plastering to Collins & Collins.

Contract Awarded.
STORE BLDG. Cost, \$14,000
 OAKLAND, N 11th St. 90 W Oak St.
 One-story concrete store building.
 Owner—Oakland Tobacco Co., 1117
 Franklin St., Oakland.
 Architect—Hutchinson & Mills, 1214
 Webster St., Oakland.
 Contractor—M. E. Hopper & Sons, 1117
 Webster St., Oakland.

Plans To Be Prepared.
STAGE TERMINAL. Cost, \$250,000
 SAN FRANCISCO, NE Fifth and Mis-
 sion Streets.
 Eight-story class A stage terminal and
 6-story addition to present bldg.
 Owner—Pickwick Stage Corp., Chas. F.
 Wren (President).
 Architect—O'Brien Bros., 315 Mont-
 gomery St., S. F.
**NOTE—Leases on a portion of the
 property do not expire for 14 months
 and construction will not be started
 until the expiration of the leases.**



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(Patent applied for)

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 STOCKTON, CALIFORNIA**

Bids Opened and Taken Under Advice-
ment.
STOKE. Cost, \$100,000.
SALINAS, Monterey Co., Cal.
Two-story reinforced concrete depart-
ment store.
Owner—Farmers Mercantile Assn., Sa-
linas.
Architect—Wyckoff & White, Growers
Bank Bldg., San Jose.

General Contract

Prop. (1) metal lath; (2) wood lath.
J. Brannagh, Oakland, (1) \$108,000;
(2) \$107,400.
West Coast Constr. Co., 515 California
St., San Francisco, (1) \$109,698; (2)
\$—.
E. Nommensen, San Jose, (1) \$110,000.
H. R. Sherman, San Jose, (1) \$111,083;
(2) \$108,583.
R. W. Littlefield, Oakland, (1) \$112,
500; (2) \$109,820.
Vukicevich and Bagge, S. F., (1) \$113,
133; (2) \$109,933.
John F. Shepherd, Stockton, (1) \$117,
555; (2) \$115,000.
Cobby and Owsley, S. F., (1) \$122,490;
(2) \$119,690.
J. T. Carlson, (1) \$—; (2) \$120,149.
Jas. Furlong, S. F., (1) \$123,360; (2) \$—.

Plumbing

B. E. Underwood, 352 Main St.,
Salinas \$6498
W. Serpa, San Jose 7340

Heating

B. E. Underwood, Salinas \$8467
Knittle-Cashel Co., S. F. 8760
W. K. Nottingham, Oakland, 9444

Plumbing and Heating

B. E. Underwood, Salinas \$14,965
Anderson and Daugherty,
Salinas 16,013

Completing Plans—Figures To Be Tak-
en In About a Week.

STORES & OFFICES. Cost, \$50,000.
SAN MATEO, San Mateo Co., Cal., B. St.
bet. 3rd and 4th Sts.

Two-story reinforced concrete and hol-
low tile stores and offices 110x100
feet.

Owner—Loewe and Zwierlein, 163 B St.
San Mateo.

Architect—Will H. Toepke, Call Bldg.,
San Francisco.

Contract Awarded. Cost \$—.
BANK BLDG.
SAN FRANCISCO, S. E. Twenty-third
and Mission Streets.

One-story reinforced concrete bank
building, 35x90.

Owner—Liberty Bank, 948 Market St.,
San Francisco.

Architect—H. A. Minton, Monadnock
Bldg., San Francisco.

Contractor—J. Martinelli, Call Bldg.,
San Francisco.

Contract Awarded. Cost, \$20,000.
STORE BLDG.
BURLINGAME, San Mateo Co., Cal.
Burlingame Ave.

One-story reinforced concrete store
building.

Owner—S. K. Whipple, 1308 Burling-
ame Ave., Burlingame.

Architect—Ernest L. Norberg, Balboa
Bldg., San Francisco.

Contractor—C. H. Bessett, Kelly, Burling-
ame.

ANAHEIM, Orange Co., Cal.—Archit.
M. Eugene Durbin, 202 Fraemer Bldg.,
has prepared plans for 2-story brick
bldg., 125x171 ft., at Los Angeles and
Chestnut Sts., for Pickwick Stage Co.
It will contain stage, depot, 6 stores
and assembly hall. Enam. brick and
terra cotta facing; \$100,000.

LOS ANGELES, Cal.—Archit. Loy L.
Smith, 218 Byrne Bldg., is completing
plans for a class A office bldg. to be
erected on 2nd St. near Hill St. for the
Public Service Commission. Reinf. conc.
13-story and basement, comp. rfg., sub-
basement, cement and pine fls., 49x129
ft., plate glass, steel sash, metal sky-
lights, conc. ext., hollow tile or kyp-
sum partitions, pine trim, 2 elev., ele-
vators, wrought iron work; \$250,000.

PASADENA, L. A. Co., Cal.—Seoffield
Eng. & Cons. Co., Pacific Finance Bldg.,
L. A., has started work on a \$200,000,
8-story office bldg. at s.w. Herkimer
St. and Madison Ave., Pasadena, for
the Pasadena Medical Building Corp.
Dodd & Richards, Brick Shops Bldg.,
L. A., archts. L-shape, 76x100 ft.

CHINO, S. B. Co., Calif.—J. H. Simp-
son, 685 S. Euclid Ave., Pasadena, has
the contract to erect the new brick
bank bldg. in Chino for the First Na-
tional Bank of Chino; \$36,000. Brick,
cast stone and plate glass constr.,
comp. rft., Marston, Van Pelt & Maybury
25 S. Euclid Ave., Pasadena, archts.

LONG BEACH, L. A. Co., Cal.—Mal-
com Smith, 6665 Sunset Blvd., L. A.,
has the gen. contr. for erecting the
6-story and loft bldg. at Locust Ave.
and Broadway, Long Beach, for the
Boys' Shop (Middlewood Bros.) Baker
Iron Works are finishing the steel
erecting, Harvey H. Lochridge, 700
Markwell Bldg., Long Beach, prepared
the plans.

LOS ANGELES, Cal.—Archit. George
W. Ritchie, 2532 W. 7th St., is complet-
ing revised plans for a 3-story and of-
fice bldg. to be erected at n.w. cor. Pico
and Newton Sts., for Mrs. Lillian Mc-
Laughlin; it will have 11 stores on
first fl. and office suites above. Brick
walls, 2-story, L-shape, plaster and
art stone facing, cem. and hardwood
fls., comp. rfg., plate glass, metal sky-
lights, pine trim, tile work, metal store
fronts, gas rads., toilets; \$60,000.

LOS ANGELES, Cal.—Winter Constr.
Co., L. A. Ry. Bldg., has been awarded
the gen. cont. at \$171,740 for erecting
a class A newspaper bldg. on Trenton
St. near Pico St., for the evening Her-
ald Publishing Co. Morgan Walls and
Clements, 1142 Van Nuys Bldg., archts.
Reinf. conc. constr., 3-story and base-
ment, 200x141 ft., brick filler walls,
comp. rfg., stucco and cast stone ext.,
steel sash, plate & wire glasses, steam
htg., elevators, metal skylights.

THEATRES

Sub-Figures To Be Taken Next Week.
THEATRE BLDG. Cost, \$—.

PALO ALTO, Santa Clara Co., Cal.
University Ave. and Ramona, 1-sto.
reinforced conc. class B theatre
building.

Owner—Palo Alto Theatre Co., (Ellis J.
Arkush, Mgr.)

Architect—Wicks & Day, 315 Mont-
gomery, San Francisco.

Contractor—Barrett & Hilp, 918 Harri-
son St., San Francisco.

LOS ANGELES, Cal.—Meyer & Hol-
ler, 3rd fl. Wright-Callender Bldg., are
preparing preliminary plans for a thea-
tre bldg. to be erected on the block
bounded by Hollywood Blvd., Orchid
Dr. and Orange Ave. for Sid Grauman.
The bldg. will be of reinf. conc. constr.
and will have a seating capacity of
2500 people; there will also be a large
court containing stores and shops;
\$1,500,000.

Bids To Be Taken Next Week For Gen-
eral Contract.

THEATRE BLDG. Cost, \$75,000.
SAN FRANCISCO, Market St. opposite
Crystal Palace Market.

Two-story reinforced concrete theatre
Bldg., 400 seat capacity.

Owner—Crystal Theatre (Wm. B. Wag-
ner).

Architect—Rousseau & Rousseau, 1171
Market St., San Francisco.

Bids are being received for grading.

Preliminary Plans Being Prepared.
THEATRE Cost, \$60,000.

NORTH SACRAMENTO, Cal., Del Paso
Bldg.

Reinforced concrete theatre.

Owner—Jr. Enterprises, 150
Leavenworth, San Francisco.

Architect—Dean & Dean, City Library
Bldg., Sacramento.

PASADENA, L. A. Co., Cal.—Winter
Constr. Co., L. A. Ry. Bldg., L. A., has
the gen. contr. at about \$140,000 for a
class theatre building, to be erected on
El Molino St., s. of Colorado Ave., Pas-
adena, for the Pasadena Community
Playhouse Assn.; it will have a seat-
ing capacity of about 800 people and
there will also be a green room, dress-
ing room, offices, open court with
several shops, kitchen, rehearsal room
and stage, 10x10 ft., Elmer Grey, Bank
of Italy Bldg., archit., and Littleton Co.,
Pasadena, supt. Reinf. conc. construc-
tion, plas. ext., tile and comp. rfg.,
110x195 ft., hollow tile partitions, bal-
cony, gas furnace htg. and fan sys. of
ventilation, steel sash, marble work,
cem. toilets, plate glass, projection
boom, pipe organ, sprinkler sys. on
stages, mural decorations; \$200,000.

GLENDALE, L. A. Co., Cal.—M. G.
Khodigian and assoc., 1022 E. Colorado
St., reports plans being prepared for
2-story theatre and store bldg. at s.w.
cor. Colorado Blvd. and Adams St. It
will contain and seating 1200 and four
stores, 86x70 ft.; \$150,000.

SAN BERNARDINO, San Bernardino
Co., Cal.—George Herzog, 3th and E
Sts., San Bernardino, was low bidder
and will be awarded the contract at
\$179,951 for erecting class A theatre
and office bldg. at cor. 5th and E Sts.,
San Bernardino, for Frank C. Platt &
Co. The theater will have a seating ca-
pacity of 1500 people and the office
bldg. section will have 7 stories and
lobby on first fl. with office suites
above. Plans by Archt. Howard E.
Jones and J. P. McNeil, assoc., 445 E.
301 S. Western Ave., L. A., was assoc.
on theater plans. Reinf. conc. constr.,
3-story and basement, 100x169 ft.,
plaster and art stone facing, cement
hardwood and tile fls., mezzanine fl. and
balcony, steam htg., sys., sprinkler
sys., marble and staff work, elec. ele-
vator, plate glass, ventilating sys.,
comp. rfg. The theater has been leased
to the West Coast Theaters who will
 furnish all theater equip. and decorat-
ing. Other bids were: General contract
—Cresmer Co., \$201,727; Anton Johnson
Co., \$205,440; Charles Olester, \$228,
860; Painting—R. E. Bush, \$710.
Alhambra Wall Paper & Paint Co., \$8,
878; McKinley Bros., \$9367; M. & M
Decorating Co., \$11,500. Electric wiring
—Field Elec. Co., S. B., \$8501.50; Rob-
ertson Co., \$8528. Heating—Pac. Ge-
orgiano Co., S. G., \$2094; George M.
Coley, \$3070.

COLTON, San Bernardino Co., Cal.—
J. G. Knapp, San Bernardino, has pur-
chased Colton Theater and vacant lot
75x150 ft., adjoining on H St., where he
contemplates building new theater t
cost \$75,000. Alterations will be mad
to present building.

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analysis of beams, trusses and columns; etc.
Intensive individual instruction under highly trained experienced
teachers.

MARYSVILLE, Va.—Chas. C. and J. R. Craig, president of the National Theatre Syndicate, in Marysville has introduced a plan to build an auditorium, proposed to erect modern theatre building. The company now operates the National Theatre on which it was proposed to expend \$200,000 in remodeling. This plan has been abandoned and a new structure will be erected.

LOS ANGELES, Cal.—Archit. John M. Kunat, 511 Cotton Exchange Bldg., is completing plans for a theater and store bldg. to be erected at 251 S. Main St., for George Carpenter; it will have auditorium to seat about 500 people and two stores. Reinf. conc. constr., steel roof trusses, 150x33 ft., comp. rfg., terra cotta facing, ecm. and tiled fls., plate glass, lobby, gas htg. sys., fan sys., ventilation, cove ceiling, metal lath, roof vents.

WHARVES AND DOCKS

HUNTINGTON BEACH, Cal.—City trustees set Oct. 27 at date for election to vote \$100,000 bond issue for pier imps.

MISCELLANEOUS BUILDING CONSTRUCTION

WATTS, Los Angeles Co., Cal.—J. H. Goble Co., 640½ Sunset Blvd., has prepared preliminary drawings for a \$800,000 group of mausoleum bldgs. to

be erected at Santa Anita Blvd., Glenn Ave. and Lark St., Watts, for the Paradise Mausoleum. Main unit, 224x280 ft., to contain 6000 crypts; two units, 157x60 ft. each, to contain 1500 crypts each; 30-crypt receiving vault, and chapel. Reinf. conc. constr., marble wall facings, terrazzo fls., stained glass corridor lights and windows.

HOLLYWOOD, L. A. Co., Cal.—E. Rossler, 1616 Cahuenga Ave., has the contract to remove the administration buildings from the old Metro studio in Hollywood to the Goldwyn studio at Washington Ave. and Carington St., Culver City, for the Metro-Goldwyn-Mayer Pictures Corp. The bldgs. will be remodeled and rebuilt. Cost, \$50,000.

GLENDALE, L. A. Co., Cal.—Cecil E. Bryan, 699 E. Walnut, Pasadena, (Tel. P. O. 1655), has been awarded contr. for reinf. conc. and steel mausoleum at Grand View cemetery, Glendale, for Len C. Davis. Wm. H. O'Brien, Burbank, has excavating contr. Clarence L. Jay, archit., 402 Braley Bldg., Pasadena. Bldg. will contain chapel, crematory, 3500 crypts and receptacles for ashes. Dimen., 1060x90 ft., stucco exter., steel and wire glass rf., marble and bronze inter., cathedral glass, terrazzo fls.; \$400,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 313 Mission Street San Francisco, either

by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1663—San Francisco. District representatives for European granite and marble desire contact with jobbers and monument works in Western states to act as sub-agents.

D-1364—San Francisco. District agents for mirrors and mirror glass wish to get in touch with dealers.

8567—San Francisco. Traffic manager is open for a position with a San Francisco house dealing in domestic and export shipping. He is familiar with Oriental trade conditions and customs procedure in detail.

8568—San Francisco. Foreign trade expert, with advertising and merchandising experience and experience in England, Europe, South Africa, Far East and Latin America, desires position with San Francisco firm. He has just completed a survey of the Australian field.

8565—Temple, Texas. Floral company desires catalogues from San Francisco importers of pottery baskets.

8563—Philadelphia, Pa. Established commercial service desires to appoint representative in San Francisco to handle Pacific Coast on commission basis.

8561—Austria. A group of manufacturers producing artistic furniture, woodenware, painting utensils, electric motors, power looms, rubber textile goods, chemical products, etc., desires to appoint representatives in San Francisco to market these products.



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Name

Street and No.

City State

Official Proposals

NOTICE TO CONTRACTORS

(Storehouse and Quarters — Pearl Harbor, T. H.)

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on specification No. 5003, Storehouse and Quarters, Naval Operating Base (Hospital), Pearl Harbor, T. H. The storehouse will be of concrete construction and will have built-up roofing; plastered hollow tile partitions; steel and iron work; steel sash; metal covered and wood doors and trim; rolling steel doors; stucco work; sprinkler system; and electric freight elevator. The quarters will be of wood construction and will have concrete or rock foundations; brick or rock chimneys; asbestos shingle roofing; lathing and plastering; wood doors, sash, trim and floorings; and screens. Generally the work includes painting, and glazing, hardware, and plumbing and electric lighting systems.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau of Yards and Docks, Washington, D. C., to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10.00, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of drawings and specification, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application to the Commandant, Navy Yard, Mare Island, Calif., for the bidding data.

NOTICE FOR BIDS

Fence—Maricopa High School District

Sealed proposals will be received by the board of trustees of the Maricopa High School District, of Maricopa, California, sitting as a board, up to 7:30 o'clock p. m. Friday September 26, 1924 for furnishing 217 feet of iron fence, 2 8-foot gates, and four end posts for gates, fence to be of type known as Cyclone Iron fence, pattern C-511, or similar type. Detailed information regarding material offered must accompany all bids.

The board reserves the right to reject any or all bids that may be submitted.

By order of the Board of Trustees of Maricopa High School District.
C. B. WARNER, Clerk.

NOTICE TO CONTRACTORS

(Oakdale Irrigation District)

Sealed proposals for the construction of three drainage ditches and eight concrete pipe culverts, and for the enlargement of one ditch in the Oakdale Irrigation District, will be received by the Board of Directors of said District at its office in Oakdale, California, at any time up to 2 o'clock P. M., September 26, 1924, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work to the lowest responsible bidder, but said Board reserves the right to reject any or all bids and readvertised for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited is the furnishing of all materials for and the construction of the drainage ditches and culverts, and for the concrete lining of the ditch aforesaid, described as follows:

Schedule No. 1

Schedule No. 1 is a drainage ditch known as the "Griffin Drain" located about three miles N. W. of Oakdale

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate, 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

and about 1/4 of a mile East of the 26 mile road. It consists of about one mile of open ditch or approximately 450 cubic yards of excavation and of one concrete pipe culvert.

Schedule No. 2

Schedule No. 2 is a drainage ditch known as "Lone Tree Creek" located about six miles N. W. of Oakdale. It consists of about six and one third miles of open ditch or approximately 23,000 cubic yards of excavation and five 36 inch concrete pipe culverts.

Schedule No. 3

Schedule No. 3 is a drainage ditch known as the "Tulloch Drain" located about five miles N. W. of Oakdale. It consists of about 1 1/4 miles of open ditch or approximately 2700 cubic yards of excavation and one 36 inch concrete pipe culvert.

Schedule No. 4

Schedule No. 4 is the enlargement of a ditch known as the "Gray Latera" located about five miles East of Oakdale. It consists of the concrete lining of one bank of about 6350 lineal feet of canal and approximately 850 cubic yards of excavation.

Proposals will be received for any schedule or any combination of schedules.

All proposals must be in writing and must be upon forms furnished by the Board with blanks properly filled in and must be enclosed in a sealed envelope endorsed.

"Proposal for the construction of schedule (The bidder shall insert the number of the schedule on which he is bidding) known as (The bidder shall insert the name of the ditch corresponding to the above schedule)," and the same shall be delivered to the Secretary of the Board of Directors of the Oakdale Irrigation District before the time for opening said proposals.

Sealed proposals must be accompanied by a certified check on some bank of good standing in the State of California payable to the order of the President of the said Board of Directors for the amount of 10 per cent of the bid, which check shall be returned to bidder if his bid be not accepted, or if he executes and delivers the contract and bond hereinafter mentioned, and if such contract be awarded to said bidder and he fails to enter into such contract and furnish such bond then his check shall be and remain the property of said District.

Any person to whom a contract may

be awarded shall within ten days after notice of said award make execute and deliver to said Board a written contract satisfactory to said Board said contract to be in the form provided by the Board of Directors and which is on file in the office of said Board for the performance of said contract at the time and in the manner and according to and upon the terms prescribed by this notice and shall at said time enter into bonds with good and sufficient surety to be approved by said Board payable to said District for its use as follows:

A bond in the amount of 25 per cent of the contract price contained for the faithful performance of said contract, and also a bond in the sum of 50 per cent of the contract price for the faithful performance of the payment of all labor, work, supplies and materials.

Plans and specifications for the work described herein have been prepared by R. E. Hartley, Chief Engineer, and adopted by said Board of Directors of said Oakdale Irrigation District, and said plans and specifications may be seen at the office of said Board.

By order of the Board of Directors of the Oakdale Irrigation District.

Dated at Oakdale, California, the 29th day of August, 1924.

M. P. KEARNEY,
Secretary of the Board of Directors.

BIDS WANTED FOR HOLLOW TILE AND REINFORCED CONCRETE LAUNDRY BLDG.—PALO ALTO

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11:00 A. M. October 7, 1924, and then and there publicly opened for the construction and finish of a Laundry Building at U. S. Veterans' Hospital No. 24, Palo Alto, California. The building will be of hollow tile and stucco with concrete foundations, reinforced concrete floor, columns and roof slab, hollow tile partitions, lantern roof, steel sash, plumbing, heating and electrical work. Plumbing fixtures will be supplied by the Government but set and connected under this contract. Laundry machinery, set and connected by the Government. PROPOSALS will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. Plans and specifications may be obtained upon application to the Construction Division, U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., or to the Medical Officer in Charge, U. S. Veterans' Hospital No. 24, Palo Alto, California, upon deposit of check or postal money order for \$10.00 payable to the TREASURER OF THE UNITED STATES, to guarantee a return within ten days after date of opening proposals.

FRANK T. HINES, Director,
September 3, 1924.

NOTICE TO BIDDERS

(U. S. Post Office Repairs)

OFFICE OF THE SUPERVISING SUPERINTENDENT, 402 P. O. Bldg., San Francisco, Cal., Sept. 3, 1924. Sealed proposals will be received at this office until 12 o'clock M., Sept. 22, 1924, and then opened, for miscellaneous repairs at the U. S. Post Office Bldg., San Francisco, Cal., in accordance with specifications, copies of which may be had at this office in the discretion of the Supt. WM. ARTHUR NEWMAN, Supt.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

San Francisco, Calif.

603 Mission Street, at Third St.

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Architect's Preliminary Estimates

Engineering News Section

BRIDGES

GILROY, Santa Clara Co., Cal.—Until Sept. 22, 8 p. m., bids will be rec. by E. F. Rogers, city clerk, to const. rein. conc. bridge over Miller Slough in Forest Ave. Plans on file in office of clerk.

SAN DIEGO, Cal.—Sharp & Fellows, Central Bldg., Los Angeles, awarded cont. by city council to const. bridge across San Diego river at Old Town. A new type of steel bridge is desired and new plans will be used, reducing cost from \$90,000 to approx. \$75,000.

SAN DIEGO, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Sept. 29, 2 p. m., to const. bridge 30 ft. wide over Sycamore creek in San Diego county, about 6 mi. north of Oceanside, consisting of one 24-ft. rein. conc. arch span. Project involv. 290 cu. yds. class A cem. conc., 125 hundredweight rein. steel, 300 cu. yds. excavation for structure, 180 cu. yds. roadway embankment, 124 cu. yds. backfill.

MODESTO, Stanislaus Co., Cal.—Bids will be asked at once by county supervisors to construct 16 reinforced concrete bridges in various sections of county. Bids will probably be opened Oct. 14. J. H. Hoskins, county surveyor.

SACRAMENTO, Cal.—Mills & Burdick at \$110 awarded cont. by supervisors to const. trestle over Dry Creek near Rio Linda.

BUTTE COUNTY, Calif.—Following bids rec. Sept. 15 by State Highway Commission to const. rein. conc. girder bridge over Cherokee Canal By-Pass about 1-mi. east of Richvale, Butte County:

R. B. McKenzie, Gerber	.....	\$10,737.50
Tibbals, Perchival & Cress	.....	11,111.00
P. Polk, Chico	.....	11,611.40
Bishop & Brook, Sacramento	.....	12,320.00
Fredrick & Shannon, Sacto.	.....	12,697.70
J. S. Greaves, Sacramento	.....	12,812.50
Leventon & Hientze, Sacto.	.....	13,098.00
Engineer's estimate	.....	13,290.00

BAKERSFIELD, Kern Co., Cal.—Until Oct. 6, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to const. rein. conc. bridge over Inlet Canal on Bakersfield-Taft highway. Cert. check 10% payable to County req. P. J. Thornton, county surveyor.

CONTRA COSTA COUNTY, Calif.—County supervisors have denied an application for a franchise to the Northern California Development Co. to construct a bridge across the Carquinez Straits at a cost of \$2,000,000. An alternative petition to have the supervisors place the project on the ballot as an initiative issue was also denied. The supervisors held that there is no need for the bridge in view of the fact that another bridge is being constructed at a point 4 miles distant to serve the same general territory. Officials of the development company declare they will petition the State Supreme Court for a writ of mandate to compel the supervisors to place the issue on the ballot.

GLENDALE, Cal.—L. Worel, 3132 Maryland Ave., Los Angeles, awarded cont. by council at \$5450 for one 4-span wooden pile trestle bridge on Canada Blvd.

GLENDALE, Cal.—Bond election will be held Sept. 30 to vote \$12,000 to finance two bridges over Verdugo Wash. A. J. Van Wie, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Supervisors reject bids to const. Trimbale road bridge in Supervisor Dist. No. 3. Bids were: Herschbach and Sciarrino \$24,108; Proctor and Cleghorn, \$25,556. Surveyor's estimate, \$21,050.

SAN JOSE, Santa Clara Co., Cal.—Wm. Martin, 456 Delmas St., San Jose, at \$4604 awarded cont. by supervisors to const. Coleman road bridge in Supervisor District No. 4. Other bids: Herschbach and Sciarrino, \$4959; Proctor and Cleghorn, \$5989; Surveyor's estimate, \$4620.

REDDING, Shasta Co., Cal.—Until Oct. 8, 2 P. M., bids will be rec. by Errol A. Yank, county clerk, to const. wooden pile bridge over Churn creek on Anderson-Churn Creek bottom road. Cert. check 10% payable to county required. Plans on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—N. M. Thies, 2 High St., Santa Cruz, at \$1843 awarded cont. by supervisors to const. conc. culvert in Larkin Valley road. Other bids: Granite Constr. Co., \$2188; B. R. Greenfield, \$2403.

FORT BRAGG, Mendocino Co., Cal.—Until Oct. 13, 8 P. M., bids will be rec. by E. J. O'Connor, city clerk, to furnish labor (city will furnish materials) to const. ditch and wood culvert from intersection of Main and Spruce Sts., a distance of 1800 ft. Plans on file in office of clerk.

BAKERSFIELD, Kern Co., Cal.—Until 10 A. M., Oct. 6 (time extended from Sept. 29), bids will be rec. by supervisors to const. reinf. conc. deck girder bridges over Inlet Canal on Bakersfield-Taft highway, and across Kern river on Bakersfield-Rosedale highway.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MIAMI, Ariz.—Schmidt & Hitchcock, Phoenix, were awarded cont. by Inspiration Cons. Copper Co. for excavating new leaching plant site at Inspiration. Work involves 192,000 cu. yds. material, mostly rock. An additional 50,000 yds. will be excavated for S. P. Ry.

SAN DIEGO, Cal.—City vote bonds of \$250,000 to finance dredging and construction of bulkhead 300 ft. long at Municipal Pier No. 2.

MERCED, Merced Co., Cal.—Until Oct. 7, 2 p. m., bids will be rec. by H. P. Sargeant, secy. Merced Irrigation District, Barcroft Bldg., to const. canal extension in Thornton Tract in Deane Colony and extension to Zeniter Canal, involv. 33,000 cu. yds. excavation; 7000 lin. ft. 24-in. 30-in. and 36-in. conc. pipe in siphons; 100 cu. yds. conc. in headwalls; 250,000 lin. ft. lumber. Plans obtainable from secretary, R. V. Meikle chief eng. for dist.

CORONADO, Cal.—Chas. Steffen, Spreckels Bldg., San Diego, sub. low bid to city trustees at \$122,392 to const. battle fleet boat landing on ocean front near Hotel del Coronado. Bonds in the sum of \$75,000 were voted and the balance will be subscribed by local business men. The bid involves (a) 9000 tons large rock at \$39,060 (1 s.), (b) 5000 tons small rock, \$21,700; (c) 300 lin. ft. bulkhead, \$41,936; (d) 25,000 cu. yds. dredging, \$18,500; (e) 400 tons clay and gravel blanket, \$1196. Other bids were:

H. G. Pention—(a) \$44,550; (b) \$24,750; (c) \$30,800; (d) \$15,000; (e) \$1980; total, \$127,080.
Ross Constr. Co.—(a) \$33,750; (b) \$18,750; (c) \$50,000; (d) \$27,500; (e) \$1980; total, \$131,750.
Doran & Bond—(a) \$41,400; (b) \$23,000; (c) \$32,800; (d) \$23,250; (e) \$1360; total \$131,810.

IRRIGATION PROJECTS

DEL MAR, Cal.—Contrs. for various parts of work for irrig. works for Santa Fe Irrig. Dist. were:

Elliott & McKenna, at \$13,595 for making and laying conc. pipe.
Western Pipe & Steel Co., at \$15,620 for fur. and lay. riv. steel pipe.
H. H. Peterson, at approx. \$9620 for trench, and backfill.
Escondido Cem. Products Co. at \$7648 for 100 ft. conc. reservoir.

DEL MAR, Cal.—Vista Irrig. Dist. bond issue of \$1,700,000 for a main canal and distrib. sys. has been authorized by Bond Certif. Comm. at San Francisco. This dist. will receive its water from the Henshaw reservoir. Dist. embraces 17,000 acres. K. Q. Volk, resident engineer.

AUBURN, Placer Co., Cal.—J. A. Shields, consulting engineer, Auburn, preparing plans for irrigation works for approx. 2485 acres in Placer County and 1635 acres in Yuba County for Camp Far West Irrigation District, recently Project 1. Project will invlva construction of a concrete storage dam, 55 ft. high, 230 ft. long on top; 2 miles of main canal and system of distributing canals. Total estimated cost, \$125,000. Bonds are yet to be voted to finance construction.

LIGHTING SYSTEMS

SANTA BARBARA, Cal.—Until 7:30 p. m., Oct. 2, bids will be rec. by council to const. ornam. c. i. and steel lig. sys. in Carrillo St., bet. De La Vina and Canal Sts.; 1911 act. Geo. D. Morrison, city engr.

LOS ANGELES, Cal.—Fritz Ziebarth, 302 E. Anaheim, Long Beach, submitted low bid to pub. bud. wks. at \$26,781 for ornam. light sys. in Broad Ave., bet. Anaheim and E. 3rd Sts. Other bids were: C. W. Sparks, \$26,975; Walker & Martin, \$27,100; H. C. Reid & Co., \$27,450; H. H. Walker, \$27,856; Electric Lighting Supply Co., \$29,214; A. C. Rice, \$50,210.

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LOS ANGELES, Cal.—City engr. recommends petition for lights on Lancaster blvd., bet. Ventura Blvd. north to Hateras St., be granted.

HUNTINGTON BEACH, Cal.—City trustees declare inten. to install ornam. lgt. sys. in 8th St., bet. Ocean and Palm Aves; 1911 act. 23 single lgt. stds. Also sys. in 6th st. betw. Ocean and Main Aves; 1911 act. E. M. Billings, city engr.

LOS ANGELES, Cal.—Council orders lighting system in Adams St., between Vermont and Western Aves; 95 conc. posts; 1911 act.

MACHINERY AND EQUIPMENT

SANTA ROSA, Sonoma Co., Cal.—county supervisors, W. W. Felt, Jr., authorize purchase of grader & scarifier for county road work. E. A. Peugh county surveyor.

MODESTO, Stanislaus Co., Cal.—City council adopts ordinance authorizing purchase of combination flusher-and sprinkler, \$7500; 2½-ton motor truck, \$4500; pick-up sweeper, \$1700 and two transformers, \$750. W. F. McCarton, city engineer.

MODESTO, Stanislaus Co., Cal.—Until Sept. 24, 2 P. M., bids will be rec. by Chas. C. Swanger, clerk, Empire Union School District, to fur. one auto school bus of 35 to 40 passenger capacity, including body assembled. Cert. check 10% payable to Board of Trustees of Dist. req. Further information obtainable from clerk.

SANTA ROSA, Sonoma Co., Cal.—Supervisors, W. W. Felt, Jr., Clerk, authorize purchase of 12 ft. Russell Mogul grader for \$2135 and combination scarifier at \$565 to be paid from General Fund. E. A. Peugh County Surveyor.

BURBANK, Cal.—Burbank high school is taking bids for 1 20-in. shaper and 2 14-in.x6-ft. lathes, f. o. b. school. Duncan Forsyth, pres.; Edith Jones, clerk.

SACRAMENTO, Cal.—Bids will be asked at once by county supervisors, Harry W. Hall, clerk, to furnish and install laundry equipment and power house equipment at county hospital, estimate cost for former \$27,000 and \$55,000 for the latter. Electrical equipment for both laundry and power house will cost \$14,000. R. A. Herold, architect, Forum Bldg., Sacramento.

WHITTIER, Cal.—Until 7:30 p. m., Oct. 6, bids will be rec. by city trus. for one 125 h. p. water leg water tube boiler. Cert. check \$500. Paul Gilmore, city clerk.

RAILROADS

TUCSON, Ariz.—Proposed construction involved in the proposed merger of the E. P. & S. W. Ry. with the S. P. Ry. includes 175 mi. new constr., 63 mi. road to be improved; est. cost for constr., \$12,754,000; est. cost for improving existing line, \$1,386,000. New line will be built betw. Picacho and Chandler.

SAN FRANCISCO—Following bids received by Board of Public Works for electrical conductors and appurtenances for Ocean View Line of Municipal Railway System under Contract No. 142: (a) install 12,500 lin. ft. double track 3/0 trolley wire; (b) install 1000 lin. ft. 750,000 c.m. cable; (c) install 7000 lin. ft. 500,000 c.m. cable; (d) install 3000 lin. ft. 250,000 c.m. cable; (e) paint 186 concrete poles, (each), (f) install 2 risers and connections, (g) H. S. Tittle (a) \$55; (b) \$36; (c) \$15; (d) \$18; (e) \$5.00; (f) \$125. Robt. Jamison (low) (a) \$26½; (b) \$13½; (c) \$13½; (d) \$13½; (e) \$2.90; (f) \$50.00.

SEATTLE, Wash.—Until Sept. 30, 11 A. M., bids will be rec. by Purchasing Agent, Alaskan Railroad, 422 Bell St. Terminal, to furnish f. o. b. cars con-

tractor's works 300 gross tons steel rails, basis open hearth. A.S.C.E. section, 70-lbs. per yd. Purchase is provided for under Circular No. 637.

FIRE ALARM SYSTEMS

PLACERVILLE, El Dorado Co., Cal.—City trustees will meet with Volunteer Fire Department to discuss proposal to install fire alarm system.

LOS ANGELES, Cal.—Bids rec. by bd. pub. wks. Sept. 31 for underground conduit and manholes, involv. (a) 20 ft. 16 duct cond.; (b) 2200 ft. 8 duct cond.; (c) 2075 ft. 4 duct cond.; (d) \$3250 ft. 2 duct cond.; (e) 11 manholes, were: John R. Davies—(a) \$4.88; (b) \$2.98; (c) \$2.30; (d) \$2.11; (e) \$1760.

Thos. Havery Co.—(a) \$8; (b) \$4; (c) \$3; (d) \$1.30; (e) \$2000. E. A. Irish—(a) \$630; (b) \$3.14; (c) \$2.35; (d) \$1.33; (e) \$1767. found, and rec. of shaft and base casting of stands for fire alarm sys., involv. (a) 256 xoz stand. found., (b) 256 shafts and base castings, (c) 256 laterals to box and, (d) 300 laterals to cable heads, (e) 35 laterals to engine houses, were: John R. Davies—(a) \$6.20; (b) \$1.50; (c) \$2.10; (d) \$2.10; (e) \$2.10.

Thos. Havery Co.—(a) \$10; (b) \$5; (c) \$1.45; (d) \$1.45; (e) \$1.45. E. A. Irish—(a) \$6.10; (b) \$1.95; (c) \$1.33; (d) \$1.36; (e) \$1.43.

Newbery Elec. Corp.—(a) \$9.50; (b) \$4.50; (c) \$1.37; (d) \$1.37; (e) \$1.41. Fritz Ziebarth—(a) \$9.50; (b) \$2; (c) \$1.95; (d) \$1.20; (e) \$1.40.

LOS ANGELES, Cal.—E. A. Irish, 621 I. W. Hellman Bldg., awarded cont. by bd. pub. wks. for laterals, stand. founds and erec. of shaft and base casting of stands for alarm sys. at the foll. prices 256 stands \$6.10 ea., 256 base castings and shafts erected \$1.95 ea., 256 laterals to box stands \$1.33 ft., 35 laterals to cable heads \$1.36 ft., 35 laterals to engine houses \$1.43 ft.

E. A. Irish awarded cont. for underground conduit and manholes at the foll. prices: 20 ft. 16-duct cond. \$6.30 ft., 2200 ft. 8-duct cond. \$3.14 ft., 2075 ft. 4-duct cond. \$2.35 ft., 3250 ft. 2-duct cond. \$1.33 ft., 11 m. h. \$1737 compl.

GLENDAL, Cal.—Bond election will be held Sept. 30 to vote \$63,500 for fire alarm and \$36,500 for police alarm system. A. J. Van Wie, city clerk.

LOS ANGELES, Cal.—Keystone Iron Wks., has been awarded contract by board public works at \$12,948 for stands, for police box stands and fire alarm boxes.

FIRE EQUIPMENT

BERKELEY, Alameda Co., Cal.—Until Sept. 23, 3 p. m., bids will be rec. by E. M. Hann, city clerk, to fur. 1000 ft. 2½-in. and 1000 ft. 1½-in. hose, according to spec. on file in office of city clerk. Cert. check 10% req. with bid. Further information obtainable from clerk.

ALAMEDA, Alameda Co., Cal.—Until Oct. 7, 3 p. m., bids will be rec. by W. E. Varcoe, city clerk, to fur. one motor ladder truck. Cert. check 10% req. with bid. Further information obtainable from clerk.

GLENDAL, Calif.—Bond election will be held Sept. 30 to vote \$60,000 for expansion of fire department. A. J. Van Wie, city clerk.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 p. m. Sept. 26 bids will be rec. by pub. serv. comm. 257 S. Bldg., for 2½ oil circuit breakers; Spec. P-337-416. Jas. P. Vrobel, clerk.

RED BLUFF, Tehama Co., Cal.—Until Oct. 14, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to furnish fuel oil, in carload lots, f. o. b. Red Bluff, for period of one year. Further information obtainable from clerk.

MODESTO, Stanislaus Co., Cal.—Until Oct. 13, 7:30 p. m., bids will be rec. by E. D. Abbott, secy. Board of Education, to fur. and del. fuel oil in quantities of 1000 gals. more or less at schools. Further information obtainable from secretary.

Barber Greene Model 42 Loader



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SAN FRANCISCO.—Following bids rec. by Bd. Pub. Wks. to fur. and install street signs: (a) 155 Type A signs; (b) 185 Type (b) signs:

	(a)	(b)
C. B. Cowden	\$1840	\$145
Hutte El. & Mfg. Co.	1848	145
L. C. Cohn	2060	150
Schultz Const. Co.	2175	155
E. J. Treacy	1790	275
M. J. Lynch (low)	15	5
T. M. Gallagher	16	5

LIVERMORE, Alameda Co., Cal.—H. A. Marsh, Livermore, at \$1.75 each awarded cont. by city trustees to fur. and install 220 porcelain street signs.

RESERVOIRS AND DAMS

YUKIAH, Mendocino Co., Cal.—Work will be started at once by Central Mendocino County Power Co., on James creek dam about 4 miles from Willits; est. cost \$16,000. Will be thin arch type of construction, reinforced concrete 50 ft. high; 6½ ft. thick at base; crest 2½ ft. thick; 154 ft. long impounding 500 ac. ft. C. E. Grunsky, engineers, Mechanics Institute Bldg., San Francisco. W. A. S. Foster, general manager of power company.

VALLEJO, Solano Co., Cal.—G. K. Paulos & Co., Sacramento, at \$8,400 submits low bid to city council to clear site for Gordon Valley dam project. Kaiser Paving Co., Oakland, only other bidder at \$8,900.

AUBURN, Placer Co., Cal.—See "Irrigation Projects," this issue.

SAN DIEGO, Cal.—Council plans bond issue of sufficient amount to start development work on San Diego river to protect city's option on El Capitán dam and reservoir site. The committee favoring the Mission Gorge site No. 2 will try to secure this proposition on the ballot at the same time.

PERRIS, Cal.—City trustees appoint J. P. Flynn engr. to finish survey for 500,000-gal. reservoir to be built. Geo. Warren, engineer in charge, is ill.

PIPE LINES, WELLS, ETC.

TERRA BELLA, Tulare Co., Cal.—Until Oct. 7, 10:30 a. m., bid' will be rec. by Earle R. Clemens, secy. Terra Bella Irrigation District, to drill well, 500 to 700 ft. in depth; first 150 ft. being 16-in. dia. and balance 12-in. dia. Cert. check 5% rec. with bid. Further information obtainable from secretary.

SAN BERNARDINO, Cal.—Until 7:30 p. m. Sept. 22, bids will be rec. by council to drill wells. Spec. on file at office of city clerk, J. H. Osborn. Cert. check or bond 10%.

TUCSON, Ariz.—W. G. Doyle, gas engineer for Federal Power & Traction Co. of New York, parent company of local gas company, is in Tucson to supervise the work of installing gas mains that will extend the service of the local company to the residents of Menlo Park, involv. about 200,000 lin. ft.

SEATTLE, Wash.—Until Sept. 26, 10 A. M., bids will be rec. by Wm. D. Freeman, city purchasing agent, for 13,283 ft. 26-in. riveted steel pipe or 54-in. lock bar steel pipe, f. o. b. Ninth avenue south and Lander St., Seattle.

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal.—Until 9 a. m., Sept. 24, bids will be rec. by Board of Education to const. septic tank at Lankershim school, on Lankershim Blvd. Bids, same date, to const. septic tank-cesspool at McKinley Industrial Home School, 4701 Woodman Ave., Van Nuys.

Bids, same date, to const. septic tank at Satsuma Ave. school, nr. Universal City Plains and spec. on file at 730 Security Bldg. Cert. or cash. check or bond 5%. Wm. A. Sheldon, secy.

TULARE, Tulare Co., Cal.—Holding that the proposed works would be inadequate to meet approved sanitary standards, the state board of health denied an application by the city of Tulare to construct a new sewage disposal plant in accordance with present plans. The city some time ago voted bonds of \$35,000 to finance the project. The denial was based upon recommendations of sanitary engineers of the board of health.

MISCELLANEOUS CONSTRUCTION

GLENDALE, Cal.—Bond election will be held Sept. 30 to vote \$50,000 to finance construction of garbage disposal plant. A. J. Van Wie, city clerk.

WATER WORKS

REEDLEY, Fresno Co., Cal.—Until Sept. 22, 3 p. m., bids will be rec. by Hazel Tremblay, city clerk, to fur. and install 22,606 lin. ft. 6-in. and 206 lin. ft. 10-in. c.i. pipe; 48 12-in. valves, in connection with water system. Plans on file in office of clerk.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Sept. 22, bids will be rec. by city trustees to const. water main and appurtenances on Balboa Is. in Mun. Imp. Dist. No. 3. Plans, etc., may be obt. from Paul E. Kressly, 732 H. W. Hellman Bldg., Los Angeles, engr. Cert. check or bond 10%. V. A. Sebring, city clerk.

DEL MAR, Cal.—Escondido Cement Products Co. subm. low bid to Santa Fe Irrig. Dist. at (a) \$18,922 with roof, and deWaard & Sons, at (b) \$16,550 without roof, for constr. 3 circular concrete reservoirs. Bids referred to Calif. Bond Certif. Comm. for approv. The bids were: Escondido Cem. Prod. Co. (a) \$18,992, (b) \$16,732; deWaard & Sons, (a) \$16,550, (b) \$16,489, (a) \$21,945, (b) —; Elliott & McKenna, (a) \$23,648, (b) \$21,525; Bent Bros. Constr. Co. (a) \$26,000, (b) —. K. Q. Volk, res. engr.

GLENDALE, Cal.—Bond election will be held Sept. 30 to vote \$550,000 to finance extensions to water system. A. J. Van Wie, city clerk.

HAWTHORNE, Cal.—Until 8 p. m., Sept. 22, bids will be rec. by city trustees for one deep well turbine pump, motor, compl. at the Hawthorne Grammar School. Spec. from Olmstead and Gilleten, 1112 Hollingsworth Bldg., L. A. Cert. check or bond 10%. S. V. Fraser, city clerk.

SOUTH PASADENA, Cal.—A bond election for unified water main system is under consideration by city trustees.

PLAYGROUNDS AND PARKS

MARICOPA, Kern Co., Cal.—Until Sept. 26, 7:30 p. m., bids will be rec. by C. B. Warner, clerk, Maricopa High School District, to furnish 217-ft. iron fence, 2 8-ft. gates and 4 end posts for gates, fence to be Cyclone Pattern C-511 or similar type. See call for bids under official proposal section in this issue.

GLENDALE, Stanislaus Co., Cal.—Bond election will be held Sept. 30 to vote \$122,500 to acquire and improve 35 acres in Rossmoyne Tract for public park. Separate proposition on ballot will provide \$35,000 for purchase of trees, etc. A. J. Van Wie, city clerk.

SANTA ROSA, Sonoma Co., Cal.—County Purchasing Agent authorized by supervisors to purchase well fencing for 1000 ft. right of way through R. B. Swayne property; will be financed through General Fund. W. W. Felt, Jr., is county clerk and E. A. Peugh, county surveyor.

SEWERS & STREET WORK

VENTURA, Cal.—Supervisors petitioned to pave 10-mi. road from highway in Kern co. through Cuddy Valley into Lockwood Valley. Chas. Pettit, county surveyor.

ANAHEIM, Cal.—American C. I. Pipe Co. awarded cont. by city trustees at \$6125 f. o. b. cars Anaheim for 8750 ft. 4-in. c. i. sewer pipe. Bids on 6-in. pipe rejected; new spec. will be submitted.

CLAREMONT, Cal.—City trustees plan to const. sewer under a dist. plan.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., awarded cont. at \$30,478.47 by bd. pub. wks. to imp. 63rd St., bet. Normandie and Western Aves.

SAN FRANCISCO.—Jas. M. Smith, 715 Ocean Ave. at \$3100 awarded cont. by Bd. Pub. Wks. to const. rein. cont. retaining walls, stairways, landings, copings and pipe railings in Havens St., west from Leavenworth.

Raisch Imp. Co., 46 Kearny St., at \$3355 awarded cont. to imp. Carr St., bet. Paul and Salinas Aves., involving 1740 cu. yds. cut, 14.4 cu. yd. 1200 lin. ft. conc. curb, 81.10 lin. ft. 18,000 sq. ft. asph. conc. pavement, \$278.

J. M. Smith, 715 Ocean Ave., at \$1458 awarded cont. to imp. crossing of Cortland Ave. and Folsom cont. imp. crossing of Cortland Ave. and Folsom St., involv. 56 lin. ft. conc. curb, \$1.50 lin. ft.; 210 sq. ft. art. stone walks, \$1.18 sq. ft.; 2167 sq. ft. asph. conc. pavement, \$32 sq. ft.; 2 br. catchbasins, \$145 each; reset 1 catchbasin, \$70; 94 lin. ft. 10-in. culvert, \$3 lin. ft.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Vine St., bet. Park and San Fernando Sts., involv. grading; pave with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. gutter, 1911 Act & Bond Act 1915. Protests Sept. 22, Wm. Popp, city engineer.

REEDSFORT, Ore.—Bids will be asked shortly by city council to const. sewer system; est. cost \$38,000.

Auto Supplies

—at Cut Rate—

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST.

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California Standard



Type "A"

One Building Unit—One Driveway
San Bruno Ave. and Oakdale St., San Francisco



Type "B"

One Half Building Unit—One Driveway
Day and Church Sts., San Francisco



Type "C"

Octagon Building—One Driveway
Valencia St. and Duboce Ave., San Francisco

CONSTRUCTION AND MATERIAL:

The C. S. S. Stations are composed of large sized, standard units, as follows:—

The structural steel frame, i. e. machine riveted steel trusses, steel channel purlins, and steel columns and girts, assembled, and held rigid by sway rods, fastened to the members of the trusses.

The side walls, consisting of a sheet steel base, and California Steel Windows above; all of them bolted to the frame, and being one solid unit.

The roof, constructed of heavy galvanized sheets, joined standing locked seams, absolutely watertight, and adding greatly to the appearance of the building by eliminating the plain effect of the roof.

Ridge roll, gutters, leaders and down spouts, manufactured of galvanized steel.

CONNECTIONS:

All shop connections of trusses, columns, girts, etc., are machine riveted; all field connections, including the sheet steel are bolted. The California Steel windows are fastened with P. Sash clips, No. 16. The roof sheets are attached with galvanized clinch nails and lead washers.

CALIFORNIA STEEL WINDOWS are forming the greater part of the walls, eliminating dark corners entirely, and giving more light than is usually found in this type of building. The glass panes are securely held in position by our special wire glazing clips, and embedded in metallic putty, insuring a watertight job.

SLIDING DOORS:

The sliding steel doors are furnished complete, with Richardson Wilcox ball bearing hangers and tracks, and with attachment padlock. The door consists of a welded steel frame, with a plate bottom panel, and a steel window above.

On account of the limited space in a gas station, the sliding doors are decidedly preferable to swinging doors, as they cause any obstructions, whatsoever, occupying about three feet of space along the wall, when open.

COST:

Being manufactured in large quantities, the price of the C. S. S. Station is exceptionally low.

DELIVERY:

All parts of the C. S. S. Stations are carried in stock. Delivery can ordinarily be made within a few hours after receipt of order.

ERECTION:

C. S. S. Stations are erected complete within 48 hours, including structural steel frame, sheet metal covering, windows, doors, glazing, etc., at a minimum cost.

100% SALVAGE:

These stations may be quickly dismantled and speedily erected in another location, in their original form, or by addition or omissions, changed into a larger or a smaller of the standard building types.

When moved to another location, there are no new materials needed, the C. S. S. Station representing a 100% salvageable feature, if the Service Station is erected on ground.

FIREPROOF:

The C. S. S. Stations consist of a riveted structural steel frame, sheet metal covering for walls and roof, and steel windows. The absolute omission of any inflammable material, like lumber, is very essential in a place where gasoline and oil are handled.

Steel Service Stations



Type "E"

One Building Unit—Two Driveways
Mission St. and Geneva Ave., San Francisco

Schedule of ground plans shows the various types of building and the different arrangements that may be evolved by adding one or more canopies for the driveway, and making the building proper, as the occasion might demand.

DRIVWAYS:

Panel partitions for lavatories may be installed after completion of the building, without necessitating any change in construction of the building.

PAINT:

The S. S. S. Station, being an all steel building, represents a permanent investment, if a coat of paint is applied once every two years.

WIND AND VENTILATING:

The S. S. S. Stations are wind, water, and air tight, and are completely sealed. Our ventilator and door arrangements, on the other hand, permit a thorough ventilating of the building.

PAINTING:

The structural frame, the steel sash, the base plates, and the floor are furnished with one shop coat of Red Metallic and Linseed Oil, before shipment. The cost of field paint, or paint, is not included in our quotations.

QUOTATIONS:—If not otherwise specified—include the S. S. S. Station complete, with structural steel frame, sheet piling, galvanized iron roof, ridge roll, gutters and leaded doors and steel windows, with glass, glazing clips and painted in the field.

Not included are:—Concrete foundation and drive-ways, wiring, conduits, and fixtures, roof signs, pumps, tanks, and painting in the field.

FOUNDATION PLAN:

Before the buyer to start with his concrete work before arriving at the station, we give on Page 4 a foundation plan, showing the location of the foundation and the location and provision for installing the columns.

LOCATION DIAGRAM:

The purpose of checking the material, and to facilitate the location of the building, wherever this is done by others, we furnish a location diagram, and a complete list of the material.

Recent Installations

SAN FRANCISCO, CALIF.

200 East and Diamond Streets
Valencia Street and Duboce Avenue
Bay and Church Streets
Mission Street and Geneva Avenue
14th and Taylor Streets
Ninth and Howard Streets
Army Street and Potrero Avenue
Ocean and San Jose Avenues
Presidio Avenue and Geary Street
Haight and Stanyan Streets
Seventeenth and Howard Streets
6240 Mission Street
San Bruno Avenue and Oakdale Street

OAKLAND, CALIF.

E. Eighteenth Street and Fourth Avenue
Thirty-eighth Avenue

Stockton.....	Wilson Bros.
Santa Rosa.....	Lubricating Gasoline Co.
Santa Rosa.....	O. F. Leppo
San Rafael.....	F. Eichler & E. Yates
Petaluma.....	Louis J. Cohn
Vineburg.....	J. Sullivan
Ukiah.....	Imperial Supply Co.
San Juan.....	Shell Oil Co.
Pittsburg.....	Pittsburg Battery Co.
Marysville.....	H. Rehman
Fresno.....	Edw. L. Soule Co.
Fresno.....	Edw. L. Soule Co.
Los Altos.....	F. Lewis
Palo Alto.....	Jos. Reinhardt
Hollister.....	Pacific Sales Corporation
Los Angeles.....	1480 E. Fourth Street

STEEL LAVATORIES are not carried in stock, but can be supplied in various designs.

SPECIAL STEEL BUILDINGS for all requirements (including Grease Rack Coverings, Battery Service Stations, Accessory Buildings, Refreshment Booths, Garages, Etc., Etc., are designed and fabricated by us on short notice.



Telephone HEMLOCK 3080

CLAREMONT, Cal.—City trustees voted to pave Sycamore Ave. from the intersection to the city limits, and Alexander Ave. the same distance.

SAN RAFAEL, Marin Co., Cal.—City Sept. 22, bids will be rec. to pave road from Market to White St. Involve 197,750 sq. ft. asphalt concrete pavement. Plans on file in office of clerk and obtainable from county surveyor J. C. O'Grady.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crumme, San Jose, awarded contract by council to imp. Mission St. from 1st to 14th St. with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. walks, curbs, gutters and house lateral drains.

COLUSA COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Sept. 25, 2 p. m. to grade and surface with gravel or stone 6.9 mi. in Colusa county bet. 1/2 mi. west of Freshwater creek and Williams. Project involve 18,200 cu. yds. roadway embankment without classification; 21,600 sta. yds. overhead; 80 cu. yds. structures; excavation without classification; 23,000 tons gravel or stone (surfacing); 97,000 tons class A cem. conc. (structures); 7 hundred-weight bar rein. steel in place (structures); 156 lin. ft. 12-in. pipe, 30 in. ft. 18-in. and 30 lin. ft. 30-in. corr. metal pipe; 41 monuments. Commission will furnish corr. metal pipe.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 22, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to imp. Argonne Dr., bet. Pershing Ave. and Chateau Thierry Dr. Involve 282 cu. yds. cut; 190 cu. yds. fill; 151 sq. ft. conc. curb and gutter; 7951 sq. ft. conc. walks. Bids previously received for this work rejected. W. B. Hogan, city engineer.

LYNWOOD, Cal.—Hall-Johnson Co., 1611 E 6th St., Los Angeles, at \$21,429 awarded contract by council to improve Franklin, Penn. Wile, Grant, Bullis, Alameda and Bellinger Sts., Alamo Ct. and n rdwy. of Fernwood Ave., involve 138,500 sq. ft. grad. 2.5c ft.; 54,450 sq. ft. 4-in. macad. 12.5c ft.; 84,050 sq. ft. oiling 1c ft.; 2515 sq. ft. walk 18c ft.; 2740 ft. curb 60c ft.; 17,360 sq. ft. curb. 25c ft.

SANTA BARBARA, Cal.—City council plans early paving of De La Guerra St., bet. Chapala and San Andres Sts.; 5-in. conc. with 1 1/2-in. conc. surf.; approx. 2-3rd mi.

UKIAH, Mendocino Co., Cal.—Bids will be asked at once by city trustees for sewer improvements. It is probable same will be opened Oct. 6.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, awarded contract by city trustees to imp. Orange, Willow and other sts. involve 17,888 cu. yds. cut; 86,930 cu. yds. fill; 270 sq. ft. gutter, 16.5c; 263,500 sq. ft. grad. 1.5c; 263,500 sq. ft. 5-in. conc. pav. 16c; 8396 ft. 8-in. cem. pipe sewer 11; 3504 ft. 6-in. cem. hse. sew. 95c; 28 m. h. and junct. cham. \$100 ea.; 7 ft. x 12 ft. 2630 ft. 4-in. mach. handed wood stave pipe, \$1; 2321 ft. 4-in. c. i. water pipe, \$1.32; 2436 ft. 2-in. galv. pipe, \$1.20; 3471 ft. 3/4-in. galv. serv. pipe, \$1.20.

SANTA BARBARA, Cal.—Council declares inten. to pave Chapala St., bet. Cabrillo Blvd. and Yanonali St., in Ambassador Tract, and por of other sts. involve 5-in. conc. pav. with 1 1/2-in. asphalt. conc. surf., gut. comb. curb and gut. cross gut., conc. driveways, 6-in. vit. sew., 4-in. hse. conc.; 1911 act. Geo. D. Morrison, city engr.

NAPA, Napa Co., Cal.—Bids will be asked at once by county supervisors to const. concrete returns at Orchard and Salvador Aves; bids will probably be opened Oct. 14.

MAYFIELD, Santa Clara Co., Cal.—Town trustees plan early paving of Washington street.

EUREKA, Humboldt Co., Cal.—County supervisors reject bids to const 4 1/2-mi. of new road bet. Alderpoint and Zenia on Trinity boundary. A. J. Logan, county surveyor.

SANTA MONICA, Cal.—Kneen Pav. Co., Dudley Bldg., Santa Monica, submitted low bid to council at \$4296 to pave Schader Ave., involve 19,784 sq. ft. grad. at 2.5c ft., 100 sq. ft. asphalt. conc. pav. at 11c sq. ft., 13,848 sq. ft. oil and rock pav. at 6c sq. ft., 939 ft. curb at 55c ft., 4946 sq. ft. walk at 20c ft., 180 ft. hse. sew. at \$1.40 ft., water distrib. sys. at \$850, 224 ft. 1 1/2-in. water sew. at \$1.35 ft. bringing one m. h. to grade \$5, bringing one lamp-hole to grade, \$5.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 22, 12 p. m., bids will be rec. by F. E. Smith, county clerk, for street improvements in California Avenue. Cert. check 10% payable to county req. P. J. Thornton, county surveyor.

SAN FERNANDO, Cal.—Griffith Co., 502 Railway Bldg., Los Angeles awarded contract by city trustees at \$25,490 to pave 4th St., bet. Hagar and Fernmore Sts., and Workman St., bet. 4th St. and 600 ft. ne. involving 4-in. asphalt. conc. pav. 18c sq. ft., walk at 18c sq. ft., curb at 60c ft.; cem. conc. pav. 22c sq. ft.; excav. 80c cu. yd.

SAN FRANCISCO—Fay Improvement Co., Phelan Bldg., at \$39,132 awarded contract by State Board of Harbor Commissioners to pave Embarcadero bet. Folsom and Berry Sts., involve 282,000 sq. ft. 6-in. conc. base with 2-in. Topoka wearing surf. 25c sq. ft.; 26,400 sq. ft. 2-in. Topoka pavement on 3-in. binder, \$245 sq. ft.; relay 76,000 sq. ft. basalt block pavement, \$125 sq. ft.; 6600 ft. 1-in. Topoka pavement with 2 1/2-in. binder, \$114 sq. ft., reset 1400 ft. granite curb, \$69 ft.; 400 ft. conc. curb, \$74 ft.; 300 ft. drain pipe, \$150 ft.; 3 catchbasins, \$58 each.

HAWTHORNE, Cal.—Geo. R. Curtis Pav. Co., Inc., 366 E 58th St., Los Angeles at \$289,084 awarded contract by city trustees to imp. Cedar, Euclid, Menlo, Oxford, Lennox, Fremont, and Wallace sts. involve 20,748 sq. ft. grad. at \$49,300 (lump sum); 40,882 ft. curb at 65c ft.; 198,091 sq. ft. 4-in. cem. walk at 22c ft.; \$1,840 sq. ft. 5-in. cem. gut. at 31c ft.; 638,872 sq. ft. 1 1/2-in. conc. pav. on 2 1/2-in. conc. base at 22.5c sq. ft.; 40 ft. 2x12 rdwd hds at 35c ft. Other bids: Geo. H. Oswald, \$113,507.72; Federal Pav. Co., \$328,355.13; H. G. Feraud \$329,549.49; engr's est., \$283,272.29.

OAKLAND, Cal.—Heafey, Moore and McNair, 2030 High St., Oakland, awarded contract by council to imp. Logan St., fill, \$95 cu. yd.; conc. culvert, \$59 lin. ft.; end curtain and wing wall, \$90 cu. ft.; manholes with inlet top, \$195 each.

MANHATTAN BEACH, Cal.—Until 8 p. m., Oct. 2, bids will be rec. by city trustees to imp. Morningstar Dr., between Court St. and first alley so. and por. of 2, 3, 4, 5, 6th and other sts., involve 5-in. conc. pav., cem. walks, etc.; 1911 act. and 1915 imp. bond act. Llewellyn Price, city clerk.

MODESTO, Stanislaus Co., Cal.—City Eng. W. F. McCarty instructed to prepare plans to pave Orange Ave. Petitions received by council to pave Achor Court.

OAKLAND, Cal.—City council plans to connect San Pablo Ave. with Broadway with an 18-ft. street to be cut through one block of buildings south of Kahn Bros. Dept. store; est. cost \$190,000, of which 65% will be paid by abutting property owners, the city 10% the balance being secured by levy on assessment district.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crumme, San Jose, awarded contract by council to imp. Third St., bet. Taylor and Mission Sts., involve grade and paving with 1 1/2-in. bituminous base; conc. walks, curbs, gutters; conc. house lateral drains.

NAPA, Napa Co., Cal.—No bids rec. by supervisors to rebuild road south from Wilson inn to pt. 142-mi. south. Work will be done by day labor under supervision of county surveyor.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Palm St., bet. Willow and Floyd Sts., involve grading; pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. curb and walks; 4 cem. conc. inlets; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Sept. 29. Wm Popp, city engr.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 22, new bids will be rec. by bd. pub. wks. to imp. (1911 act): Mariposa Ave., bet. Melrose and Clinton, involve 25,725 sq. ft. Warrenite-bitul. pav.; 174 sq. ft. walk; 1569 sk. ft. gut.; 120 ft. hse. sew.; 448 sq. ft. 2-in. bitum. base pav.

Burlington Ave., bet. First and 6th Sts., involve 13,790 sq. ft. 8-in. asphalt. pav. (5-in. base, 1-in. binder, and 2-in. surf.); 308 sq. ft. 5-in. conc. pav.; 2085 sq. ft. Warrenite-bitul. pav.; 4295 sq. ft. curb; 15,732 sq. ft. walk; 6479 sq. ft. gut.; 771 ft. hse. sew.; storm dr. Previous b.d.s. rejected.

SANTA MONICA, Cal.—Until 10 a. m., Sept. 22, bids will be rec. by city council to pave Pennsylvania Ave., bet. 14th and 20th Sts., asphalt. conc. base with bit. surf., sew., c. i. wtr. sys.; 1911 act. Howard B. Carter, city engr.

REDWOOD CITY, San Mateo Co., Cal.—Construction of a pedestrian's subway under the State Highway at Broadway and the extension of Broadway through to the industrial section of Redwood City is contemplated by the city trustees. City Eng. C. L. Dimmitt estimates cost of 8-ft. subway at \$25,000.

SANTA CRUZ, Santa Cruz Co., Cal.—City Engineer H. S. Williams has tendered his resignation to the city council. Mr. Williams has accepted a position with the State Department of Engineering. Henry Godegast, assistant city engineer, has been appointed to fill the vacancy.

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LOS ANGELES, Cal.—Parks are to bid pub. wks. to imp. Down St. bet. Santa Ana and 1st St. W. town (Greenfield) div. 12 in. by 18 in. sq. ft. 3-in. conc. pave. 20 in. by 2 in. bitum. base pav. 300 ft. curb. 15,500 sq. ft. walks. 20 sq. ft. gut. storm dr. 300 ft.

1. A. Baker—\$1200 grad., 150 pav., 200 bitum., 300 curb, 180 walk, 300 gut., 300 storm dr. \$55 conc. and wall.

Baker & Kinsman—\$1750 grad., 190 pav., 100 bitum., 300 curb, 180 walk, 250 gut., \$300 storm dr. \$25 wall.

2. A. K. Hindman—\$1050 grad., 200 pav., 150 bitum., 600 curb, 200 walk, 350 gut., \$425 storm dr. \$35 wall.

M. S. Cummings—\$1841 grad., 220 pav., 100 bitum., 700 curb, 210 walk, 150 gut., \$413 storm dr. \$57.50 wall.

W. J. Curran—\$1898 grad., 185 pav., 50 bitum., 600 curb, 220 walk, \$400 storm dr., \$40 wall.

3. Geo. R. Curtis Pav. Co.—\$2000 grad., 190 pav., 100 bitum., 700 curb, 220 walk, 250 gut., \$500 storm dr., \$40 wall.

4. Griffith Co.—\$2600 grad., 185 pav., 120 bitum., 700 curb, 190 walk, 250 gut., \$350 storm dr., \$40 wall.

5. A. K. Hindman—\$1050 grad., 200 pav., 150 bitum., 600 curb, 200 walk, 400 gut., \$500 storm dr., \$75 wall.

W. D. McCray—\$1200 grad., 195 pav., 120 bitum., 700 curb, 190 walk, 270 gut., \$300 storm dr., \$50 wall.

D. U. Miracle—\$1000 grad., 200 pav., 150 bitum., 700 curb, 200 walk, 300 gut., \$300 storm dr., \$60 wall.

W. Shafer—\$1500 grad., 184 pav., 200 bitum., 600 curb, 190 walk, 300 gut., \$400 storm dr., \$50 wall.

R. K. Smith—\$1350 grad., 210 pav., 120 bitum. pav., 650 curb, 210 walk, 20 gut., \$400 storm dr., \$40 wall.

SAN BERNARDINO COUNTY, Cal.—Following bids received by U. S. Bureau of Public Roads, 9 Main Street, San Francisco, to const. Fredaba Big Bend National Forest Highway in San Bernardino county, 2.7-mi. in length, involv. 19 acres of clearing; 37,500 cu. yds. unclassified excavation; 93 cu. yds. A conc.; 87 cu. yds. C conc.; 1619 lbs. rein. steel; 1464 lin. ft. corr. metal pipe; (a) contractor furnish explosives (b) Gov't fur. explosives.

Williams and Singletary, Colton, Calif., (a) \$41,342.50; (b) \$33,467.50.

deWaard & Son, (a) \$51,343.95; (b) \$45,514.95.

Henry J. Fenton, (a) \$52,983.30; (b) \$51,108.30.

Chas. G. Willis & Son, (a) \$55,973.90; (b) \$52,223.90.

Blumkrantz & Vernon, (a) \$58,995.80; (b) \$57,129.80.

Eng. neer's estimate, (a) \$50,095.00; (b) \$17,659.50.

SAN DIEGO, Cal.—Supervisors order survey for new road on Palomar Mt. bet. present highway and the Martin Pl. 4 mi.

UKIAH, Mendocino Co., Cal.—Until Sept. 29, 10 a. m., bids will be rec. by W. H. Prather, county clerk, to const. 150 bank hills rd. in Anderson Valley involv. 15,000 cu. yds. unclassified excavation; 300-ft. overhaul; 80 cu. yds. rein. conc. in place; 329 lin. ft. 15-in. and 20 in. ft. 16-in. corr. metal pipe; 160 cu. yds. excavation. County will furnish steel, cement and pipe. Plans obtainable from E. H. Smith, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros. H and Divisadero Sts., Fresno, at \$281.90 awarded cont. by supervisors for const. improvement in portions of highway at S. Quel. Other bids: Greenfield Bros., Santa Cruz, \$328; Granite Construction Co., Watsonville \$374.

SANTA CRUZ, Santa Cruz Co., Cal.—N. M. Thies, 2 High St., Santa Cruz, at \$15,027.63 awarded cont. by supervisors to const. underpass on Aptos road. Other bids: Frank Bryant, San Francisco, \$15,240; Proctor & Cleghorn, Santa Rosa, \$15,689.30; C. H. and A. W. Correll, Oakland, \$18,751.50; Renner & Bertolino, San Francisco, \$19,963.50; W. A. Kettelwell, Jr., Oakland, \$23,512; Granite Construction Co., Watsonville, \$28,330; West Coast Construction Co., San Francisco, \$29,930.

SANTA CRUZ, Santa Cruz Co., Cal.—City council orders plans prepared to resurface with 2 1/2-in. macadam Washington St., bet. Lincoln and Laurel and Lincoln St., bet. Center and Chestnut Streets.

NAPA, Napa Co., Cal.—Frank Moyer at \$1720 awarded cont. by supervisors to furnish county with 1000 cu. yds. rock.

OROVILLE, Butte Co., Cal.—Until Sept. 25, 12 m., bids will be rec. by Mildred P. Martin, clerk, Oroville Union High School District, to pave High school frontage in Orange Ave. Plans on file in office of clerk.

SAN DIEGO, Cal.—Geo. R. Daley 4430 Boundary St., awarded cont. by bd. pub. wks. at \$27,787 to imp. Arnold St. with asph. conc. pav.

UKIAH, Mendocino Co., Cal.—Until Sept. 29, 10 a. m., bids will be rec. by W. H. Prather, county clerk, to const. Section 4 of Leggett Valley-Rockport road, involv. 5,000 cu. yds. unclassified excavation; 3000 ft. B. M. redwood lumber in culverts. Plans obtainable from E. H. Smith, county surveyor.

LOS ANGELES, Cal.—Until 2 p. m., Oct. 6, bids will be rec. by supervisors to imp. Santa Fe Ave. and Gould Lane from city limits of Hawthorne Beach to Dewey Ave., 375 ft. or 71 mi., involv. (1) 1915 cu. yds. excav., (2) 1264 cu. yds. replac. old macad., (3) 11381 sq. yds. shap. rdwy., (4) 11,281 sq. yds. asph. conc. base, (5) 11,281 sq. yds. 2-in. 3-in. corr. metal pipe, (6) 3757 lin. ft. shap. should. Cash contr. No. 227. Av. haul, from plant, 12 mi.

SEAL BEACH, Cal.—City council orders paving of Ocean Ave. 16 blocks, with 5-in. asph. conc; Warren Hillyard city engr.

FRESNO, Fresno Co., Cal.—City council H. S. Foster, clerk, declares inten. (No. 20-D) to imp. alley in Block 83, bet. Mariposa and Tulare Sts., 1/2 portions of Mariposa St., involv. grading; pave with 4-in. asph. conc. base and 2-in. corr. metal pipe; 1000 sq. yds. bond asph. and rock screenings surface coat. 1911 Act and Bond Act 1915. Protests Oct. 2. Wm. Stranahan, city engineer.

POMONA, Cal.—Council declares intention to imp. Second St., bet. San Antonio Ave. and Reservoir St.; 6-in. conc. pave. with asphaltum and screenings surface with 2-in. 3-in. curb; 1911 act. T. R. Trotter, city clk. F. C. Froehde, city engineer.

—L. L. Page, 728 Bissell Ave., Richmond, at \$4650 awarded cont. by town trustees to imp. Pomona Ave., involv. 16,150 sq. ft. asph. macadam pave; 950 lin. ft. conc. curb; 1900 sq. ft. gutter; 1900 sq. ft. walks; 2375 sq. ft. grading; 70 lin. ft. 48-in. corr. iron culvert. Hutchinson Co., bid \$6520.

—SANTA CRUZ, Cal.—City trustees plan another bond election. The previous issue failed to carry.

SAN JOSE, Santa Clara Co., Cal.—(Until Oct. 6, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. North 17th St. in Supervisor Dist. No. 3. Plans on file in office of clerk and obtainable from County Surveyor Robt. Chandler.

WHITTIER, Cal.—City trustees declare inten. to imp. alley bet. Greenleaf and Omstead Aves., from Broadway to Camille St.; 6-in. conc. pave, curb, reinf. conc. culv., catchbasin; 1911 act. Paul Gilmore, city clerk.

SAN GABRIEL, Cal.—City trustees plan \$100,000 bond issue for street work.

HUNTINGTON BEACH, Cal.—City trustees declare inten. to imp. Orange Ave., bet. Lake Ave. and 11th St.; Grading; 3 1/2-in. asph. conc. pav. with 1 1/2-in. 10-pk. surr. curb, walks, corr. iron culv., 20 std. lty.sigs.; 1911 act. E. M. Billings, city engineer.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., Oakland, at \$98,796, awarded contract by Supervisors to imp. E-12th St., involv. 8300 cu. yds. excavation and grading; 200 cu. yds. ditch excavation; 20 cu. yds. conc. in culverts, etc., 300 lin. ft. 8x29-in. corr. iron culvert; 2 catchbasins; 7600 ft. curb and gutter; 257000 sq. ft. 5-in. conc. base; 1-2-4 mix; 257,000 sq. ft. 6-in. conc. base; 1-2-4 mix; 257,000 sq. ft. 2-in. Warrentite surface. Contract was awarded for 6-in. base with 2-in. surface.

ARROYO GRANDE, San Luis Obispo, Cal.—Until Oct. 6, 7 p. m., bids will be rec. by E. F. Stewart, city clerk, to const. sewers in portion of Mission, Monte Verde, San Antonio Ave., etc., involv. 6,195 lin. ft. 10-in., 2940 lin. ft. 8-in., 30,125 lin. ft. 6-in. pipe sewers; 1800 wye branches; 98 manholes; 8 manholes. 1911 Act and Bond Act 1915. Plans obtainable from Burch and Beck, engineers, Commercial Bank Bldg., San Luis Obispo.

VENICE, Cal.—Sander Pearson, 3847 S. Edwy., Los Angeles, awarded cont. by city trus. at \$32,273 to pave with asph. conc. part of S Trolleyway (Pacific Ave.), Venice.

PERRIS, Cal.—City trustees declare inten. to imp. D St., bet. San Jacinto Ave. and n city limit of Perris; Grad., 5-in. asph. conc. pav., curb, gut.; 1911 act and 1915 bond imp. act. Martha W. Akin, city clerk.

PENNINGTON, Sutter Co., Cal.—Steps are being taken here to organize highway district to finance construction of a lateral cross state highway, leaving Tahoe-Ukiah route at Colusa, thence east to Hawn ranch, thence over present public rd. through Pennington, Live Oak, over Live Oak bridge, south to Big house, thence east and southeast to Ten-Mile House, intersecting there with the Tahoe-Ukiah route.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, will start proceedings at once to pave E-14th st. from Fifteenth Ave. to San Leandro line; est. cost \$550,000, of which Alameda county will pay \$200,000, the city of Oakland \$100,000 and the balance by assessment to property owners. W. W. Harmon, city engineer.

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LOS ANGELES, Cal.—Council declares inten. to call election for \$1,000,000 for grad. pave. culv., bridges, etc., in Munic. Imp. Dist. No. 31, on route starting at w line of Beverly Hills along foot of Santa Monica Mts. to mouth of Santa Ynez Canyon at Pacific Ocean.

OAKLAND, Cal.—County Surveyor George A. Posey has prepared following estimates in connection with road improvements advocated by Oakland Chamber of Commerce:

Widen Tunnel road and tunnel from 15-ft. to 24-ft. \$390,000.

Reconstruct Dublin Canyon section of Lincoln Highway on standard specifications for distance of 8 miles, \$320,000.

Widen Mission San Jose highway from Hayward to Santa Clara county line, a distance of 18 miles, \$350,000.

Repair and partial repavement of Alameda county section of Byron-Bethany rd., \$60,000.

Widen state highway from south limits of Richmond east to the point where highway joins county highway at viaduct of Santa Fe to proposed Carquinez bridge site, \$300,000.

Construct new highway from Lafayette, via Moraga Canyon and Redwood Canyon and tunnel through to Shepherd's Canyon in Oakland, \$1,400,000.

MARSHFIELD, Ore.—Election will be held in November to vote bonds of \$400,000 to finance construction of highways in Coos county.

UPLANDS, Cal.—City trustees declare inten. to pave 5th Ave. bet. 10th and 12th Sts. with 1-in. crush. rock and oil pav., split stone curbs, 5-in. by 15-in.; 1911 Act. E. C. Mehl, city clerk.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Builders' Exchange, San Jose, awarded cont. by council to imp. Taylor St. at 4th St. involv. grading; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curb, gutter and walks; 2 hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains.

MODESTO, Stanislaus Co., Cal.—City council, H. E. Gragg, clerk, declares inten. (No. 427) to imp. Orange Ave. bet. Needham and Stoddard Aves., involv. grading; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit surface; cem. conc. curbs and gutters; cem. (Marbelite) electroliters together with wiring, etc. 1911 Act & Bond Act 1915. Protests Oct. 8. F. W. McCarton, city eng.

MONROVIA, Cal.—Until 7:30 p. m. Sept. 22, bids will be rec. by city trustees to imp. Hillcrest Blvd. bet. Highland Pl. and Fifth Ave. and por. of Avocado Pl., Sunset Pl. and El Nido Ave., involv. curbs, gut., conc. swales, reinf. conc. laterals, conc. inlets and outlets, grade and oil tamped pav. sew.; 1911 act. Lewis P. Black, city clk. H. S. Gierlich, city eng.

HAYWARD, Alameda Co., Cal.—City trustees, M. B. Templeton, Clerk, declare inten. to const. sewers in portions of Atherton, Dean and other streets, involv. stand. lamphole; 9 br. manholes, 45 6x4-in. wye branches; 57 8x4-in. wye branches; 1192 lin. ft. 6-in. and 2100 lin. ft. 8-in. vit. sewer pipe; 170 ft. 8-in. c. l. Class B pipe. 1911 Act and Bond Act 1915. Protests Sept. 22. J. B. Holly, City Eng.

GLENDALE, Cal.—\$652,000 sewer bond issue sold to Bank of Italy at a premium of \$27,113, plus par and accrued interests. Burns & McDonnell Engr. Co., Marsh-Strong Bldg., Los Angeles, prepared plans for this work; designs, etc. subm. to state board of health have not yet been approved.

BUTTE COUNTY, Calif.—Chico Contracting Co., Chico, at \$23,902.50 (engineer's estimate \$37,976) awarded cont. by State Highway Commission to pave with asph. conc. 20-ft. wide, 1.7-m. in Butte county on Chico-Orland lateral.

EUREKA, Humboldt Co., Cal.—Until Sept. 27, 19 A. M., bids will be rec. by Fred M. Kay, County Clerk, to const. 4.1 mi. of new road bet. end of present road at Paul's Point in Trinity county and Fatten's Mill, Box on Alderpoint, Blockburg road, Rd. Dist. No. 2. Bids previously received for this project and rejected were: H. C. Anderson, Hydeville, \$27,000; C. Linser & Son, Carletta, \$38,937; S. D. Ledgerwood, Zenia, \$29,000; Riley & Kelly, Ferndale, \$37,965; A. J. Fairbanks, Willits, \$39,360. Estimate of County Surveyor A. J. Logan, \$24,000.

VALLEJO, Solano Co., Cal.—City council, Alf E. Edgumbe, clerk, declares inten. to imp. Louisiana St., bet. Napa Rd. and Monterey St., involv. 17,700 sq. ft. 4-in. conc. base with 1½-in. Toyota surface pavement; 955 lin. ft. conc. curb and gutter; 5750 sq. ft. 4-in. conc. walks; 210 lin. ft. 4-in. vit. pipe sewer; 32,000 sq. ft. grading. 1911 Act and Bond Act 1915. Protests Sept. 29. T. D. Kikenny, City Eng.

OAKLAND, Cal.—Until Sept. 25, 11 A. M., bids will be rec. by E. K. Sturgis, city clerk, for asphaltic surfacing on Mark S. Taylor St. involv. 1,000 cu. yd. of contract price req. of successful bidder.

GLENDALE, Cal.—E. L. Fleming, 324 W. Dryden, Glendale, sub. low bid to council to imp. Canada Blvd., San Gabriel Ave. and other streets, involv. 118,416 sq. ft. grad. at 2.75c. 84,916 sq. ft. 4-in. asph. conc. pav. (incl. 3880 sq. ft. wooden header) at 18.5c. ft., 13,648 sq. ft. grad. at 24c. ft., 1385 ft. curb at 50c. ft., 17,882 sq. ft. walk at 16c. ft., 720 ft. 4-in. c. l. water pipe, complete, \$1095. Other bids were:

Chas. U. Heuser—5c grad., 20c pav., 25c gut., 50c curb, 17c walk, \$1100 water pipe.

Federal Paving Co.—5c grad., 20c pav., 25c gut., 12c curb, 18c walk, \$875 water pipe.

VALLEJO, Solano Co., Cal.—City council rejects bid of G. K. Poules Co., Sacramento, and takes under advisement bid of Kaiser Paving Co., Oakland, at \$8900 to clear site for Gordon Valley dam.

SAN DIEGO—At recent bond election propositions for \$3,600,000 issue for dam and reservoir at Mission Gorge Site No. 2 and for \$400,000 to acquire

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. Pasadena Ave. and other sts., under Co. Imp. No. 145, involv. (1) 7822 cu. yds. excav., (2) 20,820 sq. ft. walk, (3) 335 sq. ft. 6x3x14 curb, (4) 23,832 ft. 6x10x18 curb, (5) 123,847 sq. ft. gut., (6) reinf. conc. culv., (7) corr. iron culv., (8) corr. iron culv., (9) 3672 sq. yds. grad. and surf. with oil and screenings, were:

Chalmers & Ford—(1) 90c, (2) 20c, (3) 55c, (4) 60c, (5) 27c, (6) \$150, (7) \$500, (8) \$400, (9) 41c.

Breedlove Bros. & Co.—(1) 78c, (2) 21.5c, (3) 56c, (4) 66c, (5) 25c, (6) \$211.50, (7) \$400, (8) 45c, (9) 45c.

F. Mathews and Louis A. Bartlett—(1) 70c, (2) 19.8c, (3) 50c, (4) 60c, (5) 24c, (6) \$154, (7) \$506, (8) \$375, (9) 45c.

Hall-Johnson Co.—(1) 80c, (2) 18c, (3) 50c, (4) 60c, (5) 23c, (6) \$175, (7) \$500, (8) \$350, (9) 45c.

Geo. H. Oswald—(1) 58c, (2) 15.5c, (3) 47c, (4) 58c, (5) 19c, (6) \$214, (7) \$550, (8) \$400, (9) 45c.

W. J. Mathews Contracting Co.—(1) 60c, (2) 15.9c, (3) 49c, (4) 54c, (5) 18.5c, (6) \$175, (7) \$400, (8) \$400, (9) 30c.

A. H. Hindman—(1) 50c, (2) 16.25c, (3) 49c, (4) 56.5c, (5) 18.5c, (6) \$100, (7) \$500, (8) \$375, (9) 45c.

MADERA, Madera Co., Cal.—Steps are being taken in the Ahwahnee section to organize road improvement district to finance construction of roads. The district will be formed under the Vrooman Act.

SACRAMENTO, Cal.—County will lend financial assistance to city to pave 14th Ave. cost will be shared equally. Chas. Deterding, Jr., is county engineer.

SAN ANSELMO, Marin Co., Cal.—Pacific States Construction Co., Call Bldg., San Francisco, at \$90,444.50 awarded cont. by town trustees to imp. streets in Morningside Terrace, pavement to be 2-course asphalt concrete, involv. 8000 cu. yds. excavation; 126,650 sq. ft. surface grading; 9150 sq. ft. 5-in. pavement; 113,000 sq. ft. 4-in. pavement; 4500 sq. ft. 2½-in. pavement; 10,500 lin. ft. conc. curb and gutter; 41,500 sq. ft. walk; 1000 sq. ft. 1-in. curbs; 1560 ft. 6-in. and 3050 ft. 4-in. water mains; seven 6-in. and 16 4-in. gate valves; six 4-in. hydrant connections; 5600 lin. ft. 2-in., 1200 lin. ft. 3-in., 1200 lin. ft. 1-in. conduit; 7000 lin. ft. electric conductor; 21 electroliters; 910 lin. ft. 8-in., 4970 lin. ft. 6-in., and 1800 lin. ft. 4-in. vit. pipe sewer; 16 manholes; 11 catchbasins; 430 lin. ft. 12-in. and 209 lin. ft. 10-in. vit. pipe; 190 lineal feet 10-in. vit. storm drain; 14 survey monuments; 11 lampholes. A. J. Raisch, San Francisco, at \$94,123.50 only other bidder.

INGLEWOOD, Cal.—Until 8 p. m., Sept. 29, bids will be rec. by city trustees to imp. Redondo Ave., bet. Eucalyptus and Freeman Aves., involv. 181,876 sq. ft. grad., 5725 ft. curb, 23,863 sq. ft. walk, 3226 sq. ft. 5-in. gut., 1180 sq. ft. 8-in. gut., 25,022 sq. ft. 4-in. asph. conc. pav., 78,812 sq. ft. 5-in. asph. conc. pav., 70 water services; 1911 and 1915 acts. A. W. Cory, city eng.

ROSEVILLE, Placer Co., Cal.—Pacific States Construction Co., Call Bldg., San Francisco, at \$33,523.53 awarded cont. by city trustees to imp. Riverside Ave., involv. 7 manholes, 3 catchbasins; 1299 lin. ft. 12-in., 360 lin. ft. 12-in., 306 lin. ft. 10-in. vit. pipe; 5 gutter drains; 7000 lin. ft. conc. curb and gutter; 53,000 sq. ft. asph. conc. and 93,200 sq. ft. Willite process pavements; 58,000 sq. ft. grading. (Contract previously awarded on this work cancelled due to error in proceedings.) Other bids were: Clark and Henery, Sacramento, \$38,399.40; California Const. Co., San Francisco, \$36,991; A. Teichert & Son, Sacramento, \$35,268.51.

LOS ANGELES, Cal.—Council appropriates \$25,000 for street work in Glassell-Verdugo district.

OJAI, Cal.—City eng. instructed by city trus. (upon recommendation of sewer comm.) to ask for bids for conc. sew. pipe necessary.

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. 120th Ave. and other sts. under Co. Imp. No. 145, involv. (1) 14,001 cu. yds. excav., (2) 12,028 ft. curb, (3) 55,562 sq. ft. walk, (4) 601 sq. ft. gut., (5) 30,791 sq. yds. d. g. pav., were:

O. C. Miracle—(1) 60c, (2) 55c, (3) 20c, (4) 25c, (5) 55c.

Blumenkranz & Vernon—(1) 65c, (2) 57c, (3) 21c, (4) 25c, (5) 55c.

L. E. Davis and C. W. Saunders—(1) 50c, (2) 50c, (3) 21c, (4) 25c, (5) 51c.

Chalmers & Ford—(1) 50c, (2) 50c, (3) 19.5c, (4) 25c, (5) 55c.

W. J. Burton & Co.—(1) 67c, (2) 55c, (3) 21c, (4) 55c, (5) 55c.

J. G. Beckjord—(1) 70c, (2) 55c, (3) 21c, (4) 30c, (5) 60c.

Hall-Johnson Co.—(1) 60c, (2) 55c, (3) 20c, (4) 25c, (5) 57c.

Chalmers & Ford—(1) 55c, (2) 55c, (3) 18c, (4) 25c, (5) 50c.

Francisco & Ellington—(1) 50c, (2) 55c, (3) 19c, (4) 26c, (5) 54c.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 22, 5 p. m., bids will be rec. by V. Van Riper, city clerk, to pave east side of Union Ave., bet. 4th St. and California St., Cert. 107. Public utility city req. Plans on file in office of clerk. W. D. Clarke, city eng.

COMPTON, Cal.—Until 8 p. m., Oct. 4, bids will be rec. by city trustees to imp. Hamilton St. bet. Orange and Main Sts.—5-in. conc. pav., "E" curbs, walks 6-in. cem. sew. hse. conn.; 1911 act. Maude Hecock, city clerk.



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San Francisco

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

3852	Duncan	Pront	14000
3854	Baxter	Owner	10000
3855	Hall	Owner	21000
3856	Anderson	Cox	5000
3857	Campbell	Owner	3500
3858	Daley	Battersby	3000
3859	Zammit	Fetz	3000
3860	Heuter	Dickson	7000
3861	Walsh	Owner	41000
3862	Same	Same	8000
3863	Same	Same	4000
3864	Same	Same	4000
3865	Same	Same	4000
3866	Same	Same	4000
3867	Gibson	Mission	3000
3868	Benson	Wilson	3000
3869	Heuter	Boxton	7000
3870	Same	Same	3000
3871	Pietro	Owner	6000
3872	Lutz	Lang	8700
3873	Pfaffenroth	Owner	18000
3874	Heuter	Goston	7000
3875	Meyer	Owner	1000
3876	Fagerberg	Owner	4000
3877	Promis	Dietlin	1000
3878	Ohlsen	Owner	3000
3879	Parker	Owner	5000
3880	Gawthorne	Owner	6000
3881	Ohlsen	Owner	3000
3882	Carrara	Costa	2800
3883	Ricesso	Johnson	4500
3884	Nizza	Cola	3000
3885	Sherman	Rouleau	8580
3886	Martin	Wagner	11000
3887	Nestari	Warwick	12000
3888	Hanley	Demarais	12300
3889	Chamberlain	Owner	80000
3890	Paulinelli	Owner	3000
3891	Nelson	Owner	4000
3892	Moriarity	Owner	3000
3893	Parker	Owner	5000
3894	Young	Erickson	6000
3895	Nelson	Owner	4000
3896	Loewe	Meyer	8140
3897	American	Walkekr	51000
3898	Helbing	Helbing	100000
3899	Goldberg	Federal	1000
3900	Hart	Holson	3000
3901	Leary	Frank	1000
3902	Epp	Owner	20000

3903	Fambrini	Owner	4000
3904	Lurie	Owner	100000
3905	Sheftel	Adler	12000
3906	Ghillier	Cereghino	5150
3907	National	York	35480
3908	Cane	Stockholm	22900
3909	Bjorklund	Owner	3000
3910	Glaser	Owner	1500
3911	Fiber	Owner	4000
3912	Lochman	Stroth	1600
3913	Robson	Owner	5000
3914	Hardy	Owner	1500
3915	De Patta	Owner	1000
3916	Verdey	Owner	1200
3917	Pratt	Owner	3000
3918	Wentholz	Owner	6500
3919	Holmgren	Owner	24000
3920	Schulz	Owner	2000
3921	Dickson	Owner	1900
3922	Pearson	Hausell	7500
3923	Waters	Owner	7000
3924	Merchants	Owner	10000
3925	Simo	Owner	140000
3926	Olson	Same	15000
3927	Helfernan	Owner	3000
3928	Stevard	Fink	1900
3929	Gawthorne	Owner	27000
3930	Johnson	Owner	1000
3931	Warden	Owner	25000
3932	2006	Owner	32500
3933	Same	Malyott	29870
3934	Sheftel	Neal	4200
3935	Hart	Adler	12500
3936	Lacey	Halsen	4985
3937	Wesentunk	Owner	75000
3938	Fredericks	Owner	6000
3939	Manning	Owner	6000
3940	Anderson	Owner	1000
3941	Higgins	Meyer	6000
3942	Harrison	Meyer	6000
3943	Reinhold	Meyer	4000
3944	Vought	Lutz	3000
3945	Hope	Blanckenburg	10500
3946	Allen	Owner	42000
3947	Pig	Owner	25000
3948	Itself	Michael	9000
3949	Johnson	Merritt	6000
3950	Ryan	Owner	2500
3951	Meyer	Owner	7000
3952	Wankowski	Vannucci	5000
3953	McCarthy	Rednal	13870
3954	Martin	Arnott	3400
3955	T G & E	Wagner	15833
3956	Parkside	Waterhouse	5500
3957	Janssen	Croce	18005
3958	Besio	Owner	12000
3959	Ohlsen	Owner	1000
3960	Ghiocto	McCall	3500
3961	Carrier	Owner	4000
3962		Sundquist	1200
		Vannucci	1600

3963	Arnott	Owner	2000
3964	Hammen	Owner	6000
3965	Hogran	Owner	8000
3966	Well	Ostlund	2750
3967	Colburn	Owner	3000
3968	Brown	Owner	12000
3969	Arata	Cunco	12000
3970	Liberty	Martinielli	35000
3971	Arnott	Arnott	6000
3972	Same	Same	6000
3973	Same	Same	8000
3974	Europa	Richmond	2000
3975	Peckari	Lundesk	8000
3976	Levinisky	Owner	1500
3977	Costello	Owner	3000
3978	Crocker	Owner	30000
3979	Huck	Owner	9500
3980	Hardy	Demarais	12500

FLATS
(3853) N UNION 225 E Baker. Two-story and basement frame (2) flats. Owner—A. D. and E. C. Duncan, Mercantile National Bank Bldg., S. F. Plans by owner. Contractor J. Pront, 515 Magellan Ave., San Francisco. \$14,000

FLATS
(3854) NAV BELVEDERE & GRATTA. Two-story and basement frame (4) flats. Owner—W. R. Baxter, 1431 Cole St., San Francisco. Architect—None. \$10,000

DWELLINGS
(3855) E TWENTY-EIGHTH AVE 175, 200, 225, 250, 275, 300 and 325 N Judah. Seven one-story and basement frame dwellings. Owner—C. A. Hall, 1301 4th Ave., S. F. Architect—None. \$3000 each

DWELLING
(3856) E TENTH AVE 65 N Kirkham. Two-story and basement frame dwelling. Owner—H. T. Andersen, 1417 Irving St., San Francisco. Architect—None. Contractor Cox Bros., 1309 9th Ave., San Francisco. \$6000

DWELLING
(3857) N ROLPH 128 W Madrid. One-story and basement frame dwlg. Owner—A. L. Campbell, 5156 Mission St., San Francisco. Architect—None. \$3500

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DAVELLING
(3851) S. TWENTY-SECOND 50 W
Florida One-story and basement
frame dwelling.
Owner—Matthew and Mary Deley, 1346
Stockwell St., San Francisco.
Inspector—G. M. Battersby, 2976 Mis-
sion St., San Francisco.
Contractor—G. M. Battersby, 2976 Mis-
sion St., S. F. \$3000

DWELLING
(3850) E SHAFER AVE 225 S Lane.
One-story and basement frame
dwelling.
Owner—Sp. Zammit, 1471 Van Dyke
Ave., San Francisco.
Architect—Erwin Reichel, Los Altos,
Calif.
Contractor—Philip Pez, 160 Wilde Ave.,
San Francisco. \$3000

DWELLING
(3860) E SAN LEANDRO WAY 84 S
Darien Way Two-story and base-
ment frame dwelling.
Owner—E. C. and O. M. Hueter, 806
Platiron Bldg., San Francisco.
Architect—H. G. Stoner, 1st Nat'l. Bk.
Bldg., San Francisco.
Contractor—Boston & Zweg, 809 Plat-
iron Bldg., S. F. \$7000

DWELLINGS
(3861) E DEL MONTE 89, 105, 126, 145,
170, 220, 245, 270, 275, 295 and 320
N Mt. Vernon. Eleven one-story
and basement frame dwellings.
Owner—James Welsh, 1 Northwood Dr.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco. \$4000 ea

DWELLINGS
(3852) N MT. VERNON 75 and 100 W
Del Monte. Two one-story and
basement frame dwellings.
Owner—James Welsh, 1 Northwood Dr.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., S. F. \$4000

DWELLING
(3863) NW DEL MONTE AND MT.
Vernon. One-story and basement
frame dwelling.
Owner—James Welsh, 1 Northwood Dr.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco. \$4000

DWELLING
(3864) E HURON 50 N Mt. Vernon.
One-story and basement frame
dwelling.
Owner—James Welsh, 1 Northwood Dr.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco. \$34000

DWELLING
(3865) NE MT. VERNON AND HURON
One-story and basement frame
dwelling.
Owner—James Welsh, 1 Northwood Dr.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco. \$4000

DWELLINGS
(3866) W DEL MONTE, 25, 50, 75, 100,
125, 150, 175, 200, 225, 275 and 300
N Mt. Vernon. Twelve 1-story and
basement frame dwellings.
Owner—James Welsh, 1 Northwood
Drive, San Francisco.
Architect—Bauman & Jose, 251 Kear-
ny St., S. F. \$4000

LOFT
(3867) W HARRIET 225 N Bryant,
1-story and mezzanine floor con-
crete loft.
Owner—R. N. Gibson.
Architect—Badt & Falk, New Call Bldg.,
San Francisco.
Contractor—Mission Concrete Co., 125
Kissling St., S. F. \$3000

DWELLING
(3868) E MIRAMAR 225 S Holloway.
1-story and basement frame dwg.
Owner—R. J. Benson, 420 Russia Ave.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., S. F.
Contractor—Wilson & Benson, 420 Rus-
sia Ave., S. F. \$3000

DWELLING
(3869) E SAN LEANDRO WAY 40 S
Darien. 1-story and basement
frame dwelling.

Owner—E. C. and O. M. Hueter, 809
Platiron Bldg., S. F.
Architect—H. G. Stoner, First Nation-
al Bank Bldg., S. F.
Contractor—Boston & Zweg, 809 Plat-
iron Bldg., S. F. \$7000

DAVELLING
(3870) E SAN LEANDRO 17 S Darien
Way. 1-story and basement frame
dwelling.
Owner—E. C. and O. M. Hueter, 809
Platiron Bldg., S. F.
Architect—H. G. Stoner, First Nation-
al Bank Bldg., S. F.
Contractor—Boston & Zweg, 809 Plat-
iron Bldg., S. F. \$7000

DWELLINGS
(3871) W FORTY-SEVENTH AVE 25
and 50 N Fulton. Two 1-story and
basement frame dwellings.
Owner—Charles Pietro, 605 Arzuella
Bldg., S. F.
Architect—None. \$3000 each

RESIDENCE
(3872) E JUNIPERO SERRA BLVD.
50 S Monterey Blvd. 2-story and
basement frame residence.
Owner—R. D. Lang, 219 First Nation-
al Bank Bldg., S. F.
Architect—Harold G. Stoner, 219 First
National Bank Bldg., S. F.
Contractor—Lang Realty Co., 219 First
National Bank Bldg., S. F. \$8000

DWELLING
(3873) SW HOLLISTER AND ING-
alls. 1-story and basement frame
dwelling.
Owner—George Pfafferoth, promises.
Plans by Owner. \$1800

DWELLING
(3874) SE DARIEN AND SAN LE-
andro. 1-story and basement
frame dwelling.
Owner—E. C. and O. M. Hueter, 809
Platiron Bldg., S. F.
Architect—H. G. Stoner, First Nation-
al Bank Bldg., S. F.
Contractor—Boston & Zweg, 809 Plat-
iron Bldg., S. F. \$7000

ALTERATIONS
(3875) 1363 SEVENTH AVE. Enlarge
bedroom and construct laundry
addition for dwelling.
Owner—Louis Mayre, 1363 Seventh
Ave., San Francisco.
Architect—None. \$1000

FLATS (2)
(3876) N 21ST ST 200 E GUERRERO.
Two-story and basement frame (2)
flats.
Owner—R. Fagerberg, 3360 Twenty-
first St., San Francisco.
Architect—G. A. Berger, 261 Valencia
St., San Francisco. \$4000

CEMENT WORK
(3877) SW JACKSON AND LYON STS.
Cement exterior for apartments.
Owner—Oscar Promis, 60 S 16th St.,
San Jose, Calif.
Architect—None.
Contractor—Dietlin-Lordes, 744 Call
Bldg., S. F. \$1000

DWELLING
(3878) E TWENTY-THIRD AVE. 175
S Kirkham. 1-story and basement
frame dwelling.
Owner—A. H. Ohlsen, 2431 Post St.,
San Francisco.
Architect—None. \$3000

FLATS
(3879) N DAY 55 W Sanchez. 2-story
and basement frame (2) flats.
Owner—Wilbur C. Parker, 2772 22nd St.
San Francisco.
Architect—None. \$5000

FLATS
(3880) W BRODERICK 75 N Chest-
nut. 2-story and basement frame
(2) flats.
Owner—Dr. F. A. Gawthorne, 5331
Geary St., San Francisco.
Architect—None. \$6000

DWELLING
(3881) E TWENTY-THIRD AVE. 175
N Kirkham. 1-story and basement
frame dwelling.
Owner—A. H. Ohlsen, 2431 Post St.,
San Francisco.
Architect—None. \$3000

DWELLING
(3882) W BRUSSELS 175 E Sillman.
1-story and basement frame dwel-
ling.
Owner—Frank Carrara, 154 Brussels
St., San Francisco.
Architect—C. Costa, 279 Ellsworth St.,
San Francisco.
Contractor—C. Costa, 279 Ellsworth St.
San Francisco. \$3800

FLATS
(3883) S CLEMENTINA 150 W 8th.
2-story and basement frame (2)
flats.
Owner—S. Ricasso, 1717 Folsom St.,
San Francisco.
Architect—None.
Contractor—J. R. Johnson, 1717 Folsom
St., S. F. \$4500

DWELLING
(3884) W LISBON 175 W Russia. 1-
story and basement frame dwelling
Owner—P. Nizza, Berkeley.
Architect—D. Martini.
Contractor—P. Cola, 720 Evelyn Ave.,
Albany, Cal. \$3000

REMODEL
(3885) NW ECKER AND 'MISSION
Streets. Remodel for offices; erect
partitions; electric work, sprinkler,
heating and ventilating systems.
Owner—Sherman Clay Co., Kearny and
Sutter Sts., S. F.
Consulting Engineers—Couchot and
Rosenwald, 60 Sansome St., S. F.
Contractor—C. L. Rouleau, 7 Moss Ave.,
Oakland. \$5500

ALTERATIONS
(3886) 216 MARKET ST. Construct
new entrance; rearrange interior
partitions; install passenger eleva-
tor and oil burning equipment.
Owner—Martin Investment Co., 817
Nat'l. Bank Bldg., S. F.
Architect—Bakewell and Brown, 251
Kearny St., San Francisco.
Contractor—Geo. Wagner, 181 So. Park
San Francisco. \$11,000

FLATS
(3887) N VALLEJO 100 W Larkin.
2-story and basement frame (2) flats.
Owner—Adolph Nestari, Broadway &
Montgomery Sts.
Architects—E. Musson Sharp, 60 San-
some St., San Francisco.
Contractor—Harry C. Warwick, 3769
Jackson St., S. F. \$12,000

DWELLING
(3888) E SAN BENITO 255 N St. Fran-
cisco Blvd. 2-story and basement
frame dwelling.
Owner—James M. Hanley, 176 Delmar
St., San Francisco.
Architect—Milton W. Morrison, 601
42nd Ave., San Francisco.
Contractor—B. W. Demarais & Sons,
732 Page St., S. F. \$12,300

OFFICES & LOFTS
(3889) N POST 160-10 W Powell. 10-
story and basement class A offices
and lofts.
Owner—Selah Chamberlain, Mills Bldg.
San Francisco.
Architect—Bakewell and Brown, 251
Kearny St., S. F. \$50,000

DWELLING
(3890) S BERNARD 160 E Leaven-
worth. Two-story and basement
frame dwelling.
Owner—Earl Paolinelli, Pacific and
Leavenworth Sts., S. F.
Architect—Geo. W. Ralph, 431 Rialto
Bldg., San Francisco. \$3000

DWELLING
(3891) SE THIRTY-THIRD AVE AND
Lincoln Way. Two-story and
basement frame dwelling.
Owner—F. Nelson & Sons, 2 West Por-
tal Park, San Francisco.
Architect—None. \$4000

DWELLING
(3892) E NAPLES 25 S Avalon Ave.
One-story and basement frame
dwelling.
Owner—Edna Moriarity, 397 Vienna
Ave., San Francisco.
Architect—None. \$3000

FLATS
(3893) N DAY 55 W Sanchez. Two-
story and basement frame (2) flats.

Owner—William C. Parker, 2772 22nd St., San Francisco.
Architect—None. \$5000

DWELLINGS
(3884) E. JULES 260 and 285 N. Grant Ave. Two one-story and basement frame dwellings.
Owner—Wilfred H. Young, 308 Jules Ave., San Francisco.
Architect—None.
Contractor—Henry Erickson, 1825 Church St., S. F. \$3000 each

DWELLING
(3892) E. THIRTY-THIRD AVE. 25 S. Lincoln Way. Two-story and basement frame dwelling.
Owner—F. Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. \$4000

DWELLING
(3896) W. EDINBURGH 225 S. France. 25x100. All work for one-story and basement frame dwelling.
Owner—W. G. Lowe, 271 Tehama St., San Francisco.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed Sept. 12, '24. Dated Sept. 4, '24.
Frame up \$2000
Brown mortar on 2000
Accepted 2400
Usual 35 days 2070
TOTAL COST, \$8140
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

WAREHOUSE
(3897) TENTH ST. near Bryant. concrete and brick (fireproof) warehouse.
Owner—American Rolling Mill Co. of California, 10th and Bryant Sts., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
Mgms. of Const.—P. J. Walker Co., Sharon Bldg., S. F. \$51,000

APARTMENTS
(3898) S. EDDY 183-6 W. Taylor. Six-story and basement steel and concrete (48) apartments and stores.
Owner—Wm. Helbing, 1332 Lombard St., San Francisco.
Architect—The Helbing Co., 1332 Lombard St., San Francisco.
Contractor—The Helbing Co., 1332 Lombard St., San Francisco. \$100,000

SIGN
(3899) NO. 242 SUTTER. Erect double faced vertical electric sign.
Owner—Goldberg Bowen Co., Premises.
Architect—None.
Contractor—Federal Elec. Co., 91 New Montgomery St., S. F. \$1000

DWELLING
(3900) E. FORTY-SIXTH AVE 100 N. Taraval. On-story and basement frame dwelling.
Owner—Mr. and Mrs. Hart, 2524 46th Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Architect—Nelson & Siobom, 37 Fair Ave., San Francisco. \$3000

ALTERATIONS
(3901) NO. 421 TWENTY-SIXTH ST. Raise dwelling; ratproofing, etc.
Owner—Mrs. O. Leary, Premises.
Architect—None.
Contractor—Carl Frank, 305 Bocana St., San Francisco. \$1000

APARTMENTS
(3902) NW FULTON AND SEVENTH AVE. Three-story and basement frame (15) apartments.
Owner—L. Epp, 4747 Geary St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$20,000

DWELLING
(3903) NW LISBON 275 NE Russia. One-story and basement frame dwelling.
Owner—C. Fambriani and wife, 4905-B Mission St., San Francisco.
Architect—None.
Contractor—J. P. McCall and Lorenzo Besio, 3611 Mission St., S. F. \$4000

FACTORY
(3904) SW BANCROFT AND THIRD. Two-story concrete factory.
Owner—The Lurie Co., 415 Montgomery St., San Francisco.

Architectural Eng. Co.—W. J. O'Brien, 415 Montgomery St., S. F.
Contractor—Vukicevich & Bagge, 815 Bryant St., S. F. \$100,000

FLATS
(3905) S. CLAY 225 E. Presidio Ave. Two-story and basement frame (4) flats.
Owner—Mark Sheftel.
Architect—None.
Contractor—Klaus Adler, 2210 Balboa St., San Francisco. \$12,000

FLATS
(3906) N. GREENWICH 60 W. Grant Ave. 20x90. All work for two-story and basement frame (2) flats.
Owner—Andrew Ghilieri, 545 Washington St., San Francisco.
Architect—Edward J. O'Connor, 346 Woolsey St., San Francisco.
Contractor—Louis Cereghini & Son, 1160 Guerrero St., San Francisco.
Filed Sept. 13, '24. Dated Sept. 12, '24.
Bond on \$2363.25
Brown coated 2363.25
Completed and accepted 2363.25
Usual 35 days 2363.25
TOTAL COST, \$9453.00
Bond, \$4726.50. Sureties, G. Mazza and Chas. McFarlane, Limit, 120 days. Forfeit, none. Plans and specifications filed.

ICE MAKING SYSTEM
(3907) LOCATION NOT GIVEN. All work for ice making system for plant.
Owner—National Ice Cream Co. (E. J. Shaw, G. D. Stratton and F. H. Ames), 371 Guerrero St., S. F.
Architect—None.
Contractor—York California Constr. Co., 832 Folsom St., San Francisco.
Filed Sept. 13, '24. Dated Aug. 18, '24.
By promissory notes dated Aug. 18, 1924 in following amounts and maturing on following dates:
Jan. 2, 1925 \$3548
March 31, 1925 6200
June 30, 1925 6200
Sept. 30, 1925 6200
Dec. 31, 1925 6136.
Above notes to bear interest at rate of 6% per annum from Jan. 2, 1925.
TOTAL COST, \$35,480
Bond, limit, forfeit, none. Specifications only filed.

ALTERATIONS
(3908) BRANNAN AND SECOND STS. All work for alterations and additions to office quarters.
Owner—Crane Co., Premises.
Architect—Lewis P. Hobart, 1122 Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., San Francisco.
Filed Sept. 13, '24. Dated Sept. 12, '24.
On 5th day of 2nd month after start of work and thereafter on 1st day of every succeeding month 75%
Usual 35 days 25%
TOTAL COST, \$29,900
Bond, none. Limit, 90 days from Sept. 22, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
(3909) W. LAIDLEY 113 S. Roanoke. One-story and basement frame dwelling.
Owner—Oskar E. Bjorklund, 226 6th St., San Francisco.
Architect—None. \$3000

ALTERATIONS
(3910) W. FARREN 75 S. Ellis. Remodel for garage; erect plaster partitions, etc.
Owner—H. G. Graper, 50 Farren St., San Francisco.
Designer—Harry Graper, 50 Farren St., San Francisco. \$1500

DWELLING
(3911) W. TWENTY-FIFTH AVE 125 S. Judah. One-story and basement frame dwelling.
Owner—Faber & Slaght, 227 Liberty St., San Francisco.
Plans by Owner. \$4000

ALTERATIONS
(3912) NO. 566 NINTH AVE. Remodel for private garage; add porch to dwelling.
Owner—Mrs. Lachman, Premises.
Architect—None.
Contractor—E. C. Stroth, 469 14th St., San Francisco. \$1000

STORES
(3913) S. MONTEREY 25 S. Hamburg. One-story and basement frame stores.
Owner—McGary Robison, Nevada Bank Bldg., San Francisco.
Architect—S. Heiman, 27 Post St., San Francisco. \$5000

ALTERATIONS
(3914) NO. 858-860 FOURTEENTH ST. Repair tar and gravel roof; plastering; painting; etc. for flats.
Owner—J. Hardy, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Cohnen, 180 Jessie St., San Francisco. \$1500

ALTERATIONS
(3915) W. LUNDY LANE 150 N. Virginia Ave. Concrete foundation; other alterations and repair to dwelling.
Owner—Sam De Patta, 166 Lundy Lane, San Francisco.
Architect—None. \$2000

REPAIRS
(3916) NO. 854 FIFTEENTH. Repair tar and gravel roofing; painting; plastering, etc. for flats.
Owner—J. Hardy, 1190 Market St., San Francisco.
Architect—None.
Contractor—Chas. Cohnen, 180 Jessie St., San Francisco. \$1500

DWELLING
(3917) W. THIRTY-SEVENTH AVE 150 N. Calhoun. Two-story and basement frame dwelling.
Owner—Itoy A. Pratt, 7140 Geary St., San Francisco.
Architect—None. \$3000

DWELLING
(3918) W. MAGELLAN 173 N. Pacheco. Two-story and basement frame dwelling.
Owner—W. C. Wienholz, 3199 Mission St., San Francisco.
Architect—None. \$6500

DWELLINGS
(3919) W. FLORENTINE 125, 150, 175, 200, 225, 250, 275 and 33 N. Morse. Eight one-story and basement frame dwellings.
Owner—Victor Holmgren, 5485 Mission St., San Francisco.
Architect—None. \$3000 each

DWELLING
(3920) S. WAYLAND 90 E. Goettingen. One-story and basement frame dwelling.
Owner—Anna Schulz, 552 Goettingen St., San Francisco.
Architect—Edward O'Connor, 341 Woolsey St., S. F. \$1000

FLATS
(3921) E. PARKER 425 N. Geary. Two-story and basement frame (2) flats.
Owner—George Dickson, 142 Parker Ave., San Francisco.
Architect—Walter Falch, Hearst Bldg., San Francisco.
Contractor—George H. Hansell, 349 10th Ave., San Francisco. \$7500

FLATS
(3922) S. EIGHTEENTH 75 E. Clover. Two-story and basement frame (2) flats.
Owner—Wm. Pearson, 1634 Howard St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$7000

APARTMENTS
(3923) W. SCOTT 100 N. Ellis. Two-story and basement frame (4) apartments.
Owner—P. Waters, 619 Washington St., San Francisco.
Architect—M. G. Bugbee, 619 Washington St., San Francisco. \$10,000

COLD STORAGE PLANT
(3924) NW MONTGOMERY AND LOMBARD. Six-story brick and steel cold storage plant.
Owner—Merchants Ice & Cold Storage Co., Battery and Lombard Sts., San Francisco.
Engineer—H. Torrigino, Mills Bldg., San Francisco.
Contractor—Harold Larsen, Monadnock Bldg., S. F. \$140,000

GAL SEVEN

SEPT 15

(33229) S LOMBARD 250 W Sansone.
Brick and steel katanga.
Owner—Merchants Ice & Cold Storage Co.
Battery and Lombard Sts., San Francisco.
Engineer—H. Torkington, Mills Bldg., San Francisco. \$15,000

DWELLINGS

(33230) W BRIGHT 75 and 100 S Ingleside Tract. Two one-story and basement frame dwellings.
Owner—Carl Olson, 116 Ashton Ave., San Francisco.
Architect—None. \$2500 each

ALTERATIONS

SECOND AND BRANNAN Alterations for offices.
Owner—Francis Co. Premises.
Architect—Lawrence E. Hubbard, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., S. F. \$22,900
NOTE: Recorded contract reported Sept. 15, 1924.

DWELLINGS

W EDINBURGH 200 AND 225 S France.
Two one-story and basement frame dwellings.
Owner—W. L. Loewe, 3600 Fulton St., San Francisco.
Plans by Owner.
Contractor—Mager Bros., 1318 Valencia St., San Francisco. \$4070 each
NOTE: Recorded contract reported Sept. 15, 1924, No. 3896.

ALTERATIONS

(33271) NO. 1129 MARKET. Remodel show windows and install marble stairways.
Owner—Heffernan Investment Co., 105 Montgomery St., San Francisco.
Architect—F. G. Munk Jr., 58 Francis St., San Francisco.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco. \$1900

APARTMENTS

(33233) E LEAVENWORTH 100 S Sutter. Four-story and basement Class C (15) apartments.
Owner—Strand & Strand, 505 Pierce St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$27,000

DWELLING

(33229) E THIRTY-NINTH AVE. 150 N Cabrillo. 1-story and basement frame dwelling.
Owner—Dr. F. A. Gawthorne, 651 18th Ave., S. F.
Architect—None. \$4000

APARTMENTS

(33230) W VAN NESS 30 N Lombard. 3-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 825 Monadnock Bldg., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F. \$25,000

APARTMENTS

(33331) NE HUGO AND SEVENTH AVE. 3-story and basement frame (8) apartments.
Owner—Fred Warden, 825 Monadnock Bldg., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F. \$32,500

TILE, ETC.

(33322) N WASHINGTON 68-9 W Gough. W 133-9 N 127-8 1/2 E 92-6 N 2 E 41-3 S 129-8 1/2 to N Washington and pt. of beg. All tile work, bath room accessories, medicine cabinets, etc., for 10-story and basement and sub-basement and alcove reinforced concrete apartments.
Owner—Two Thousand and Six Washington Street, Inc., S. F.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor—Malott & Peterson, Inc., 2412 Harrison St., S. F.
Filed Sept. 15, 1924. Dated June 28, 1924.
2nd of each month 75%
Usual 35 days 25%
TOTAL COST, \$20,871
Bond, \$10,436. Sureties, E. H. Peterson and Jacob Mager. Forfeit, none. Limit, 60 days. Plans and specifications filed.

(33333) PAINTING ON ABOVE.

Contractor—Neal Co., (J. P. Provost & B. Pohl), 477 Ivy St., S. F.
Filed Sept. 16, 1924. Dated July 17, 1924.
2nd of each month 75%
Usual 35 days 25%
TOTAL COST, \$4290
Bond, \$2,145. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

APARTMENTS

(33344) S CLAY 225-11 E Presidio E 25 x S 127-8 1/2. All work for 2-story and basement frame appts.
Owner—Mick Sheffield.
Architect—Mel I. Schwartz, 141 Montgomery St., S. F.
Contractor—Klaus Adler, 2210 Balboa St., S. F.
Filed Sept. 15, 1924. Dated Sept. 11, '24.
Good on \$3375
Brown coated and accepted 3375
Completed and accepted 3375
Usual 35 days 3375
TOTAL COST, \$13,500
Bond, \$6750. Sureties, H. Meyer and G. May. Forfeit, none. Limit, 90 days. Plans and specifications filed.

RESIDENCE

(33345) E FORTY-SIXTH AVE 100 N Taraval. W 25 x E 120. All work for 1-story and basement frame residence.
Owner—Robert Lee Hart and Elsie M. Hart, 2524 46th Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—Halsen & Siablon, 37 Fair Ave., S. F.
Filed Sept. 15, '24. Dated Sept. 8, '24.
Frame up, wall and roof sheathing on \$1246.25
Brown coat plaster on 1246.25
Completed and accepted 1246.25
Usual 35 days 1246.25
TOTAL COST, \$4985
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

APARTMENTS

(33336) S EDDY 87-6 E Larkin. Six-story and basement reinforced concrete (47) apartments.
Owner—V. Lacey, 180 Jessie St., San Francisco.
Architect—None. \$75,000

DWELLINGS

(33377) S FLOOD AVE 200 and 225 E Detroit. Two one-story and basement frame dwellings.
Owner—A. A. Wesendunk & Sons, 1747 Dolores St., San Francisco.
Plans by Owner. \$3000 each

DWELLING

(33338) S CASTENADA 50 E Van Marck Ave. One-story and basement frame dwelling.
Owner—M. Fredricks.
Architect—Wm. Koenig, 1 Pacific Ave., San Francisco. \$6000

ALTERATIONS

(33339) 1120 GOUGH STREET. Remodel 10-room residence into flats.
Owner—E. Manning, 530 Fell St., San Francisco.
Architect—None. \$1000

DWELLINGS

(33400) E FORTY-SIXTH AVE 125 & 100 S Cabrillo. Two one-story and basement frame dwellings.
Owner—J. Anderson, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000 ea

DWELLINGS

(33411) E THIRTIETH AVE 100 S Taraval. W 31st Ave. 100 S Taraval. Two one-story and basement frame dwellings.
Owner—R. T. Higgins, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000 ea

DWELLING

(33421) NW LOWELL AND BRUNS- wick. One-story and basement frame dwelling.
Owner—A. B. Harrison, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$4000

DWELLING

(33433) W TWENTY-SIXTH AVE 125 N Taraval. One-story and basement frame dwelling.

Owner—Bruno Reinhold, 901 Stanyan St., San Francisco.
Architect—None.
Contractor—Nelson E. Lutz, 521 Waver St., San Francisco. \$3000

FLATS

(33411) S PACIFIC bet. Webster and Fillmore. Two-story and basement frame (2) flats.
Owner—R. K. Vouchi, 523 Monadnock Bldg., San Francisco.
Architect—None.
Contractor—E. Blanckenburg, 105 Montgomery St., S. F. \$10,500

STOI E

(33415) N MARKET 150 W Marshall Square. One-story and basement, mezzanine floor reinforced concrete fireproof store.
Owner—Hope Realty Co., 1021 Hearst Bldg., San Francisco.
Architect—Geo. E. McCreary, 369 Pine St., San Francisco. \$43,000

GARAGE

(33446) N O'FARRELL 137-6 W Leavenworth. Two-story concrete garage.
Owner—L. W. Allen, % O'Brien Bros., Inc., 315 Montgomery St., S. F.
Architectural Engrs.—O'Brien Bros., Inc., 315 Montgomery St., San Francisco. \$25,000

STORE FIXTURES

(33447) NO. 321 MARKET. Install store fixtures; plumbing, etc., for restaurant.
Owner—Fig N'Whistle, 31 Powell St., San Francisco.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—Michael & Berner, 762 De Haro St., San Francisco. \$9000

ALTERATIONS

(33448) NO. 1388 O'FARRELL. Raise apartments; install gas, etc.
Owner—Wm. Itself, Premises.
Architect—None.
Contractor—Geo. M. Merritt, 3028 Geary St., San Francisco. \$6000

DWELLING

(33449) NW LISBON 125 N Russia. One-story and basement frame dwlg.
Owner—Cus Johnson, 1175 Munich St., San Francisco.
Architect—None. \$2500

FLATS

(33450) S HAYES 106-3 E Colc. Two-story and basement frame (2) flats
Owner—H. P. Ryan, 2041 Hayes St., San Francisco.
Architect—None. \$7000

SHOP

(33451) SE COLTON AND BRADY SE 25xSW 99. All work for one-story and mezzanine reinforced concrete shop, 25x99 ft.
Owner—Wm. M. Meyer, 472 Grove St., San Francisco.
Designer—Horace W. Bott, 401 Church St., San Francisco.
Contractor—L. Vannucci Bros., 401 Church St., San Francisco. \$21

Filed Sept. 16, 1924. Dated Aug. 27, '24.
Footings poured \$ 800
Mezzanine joists laid 950
Firewall poured 950
Completed 1050
Usual 35 days 1250
TOTAL COST, \$5000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING

(33522) W BRODERICK 65 S Green S 30 x W 100. All work for 2-story 9-room frame bldg. dwelling.
Owner—Otto Wankowski, 25 Kearny St., S. F.
Architect—None.
Contractor—W. F. W. Rednall, 2500 Filbert St., S. F.
Filed Sept. 16, 1924. Dated Sept. 15, 1924.
Frame up and rustic on \$3465
Plaster on 3470
Completed 3465
Usual 35 days 3470
TOTAL COST, \$13,870
Bond, \$6935. Sureties, V. Freese and W. P. Holmes. Forfeit, none. Limit, 120 days. Plans and specifications filed.

BUNGALOW

(33533) W ASHTON 120 W Grafton. N 40 x W 53-3 to E Orizaba, Lot 4, Blk. 33, Lakeside. All work for 4-room and bath bungalow.

OWNER—The Machinery Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James Arnold & Son, 235 Granville Way, S. F.
Filed Sept. 16, 1924. **Dated** Aug. 9, 1924.
Plants 40. **Limit**, 90 days. **Forfeit**, \$1,000.
Bond—\$3,000. **Sureties**, Globe Indemnity Co., Portland, Ore. **Limit**, 90 days. **Plans and specifications** filed.

ALTERATIONS
(3264) N MARKET 161. **Union and**
Drains 116 Market St. **All work**
for alterations to building
OWNER—Marion Investment Co., 847
California and Union Bldg., S. F.
Architect—Raywell & Brown, 231
North St., S. F.
Contractor—George Warner, Inc., 181
California St., S. F.
Filed Sept. 16, 1924. **Dated** Sept. 10, 1924.
Completed and accepted 75%
Usual 30 days 25%
TOTAL COST, \$15,833.
Bond, \$3,000. **Sureties**, Globe Indemnity Co., Portland, Ore. **Limit**, 90 days. **Plans and specifications** filed.

DOORS
(3265) SE MARKET AND BEALE STS.
NE 137-6 & SE 138-2. **All work**
for furnishing and installing 2 Van
Wagon revolving doors
OWNER—Pacific Gas & Electric Co., 445
Market St., S. F.
Contractor—None.
Contractor—Waterhouse-Wilcox Co.,
234 Market St., S. F.
Filed Sept. 16, 1924. **Dated** Sept. 8, 1924.
Completed 75%
Usual 30 days 25%
TOTAL COST, \$5500.
Bond, \$3,000. **Sureties**, Fidelity & Deposit Co. of Maryland, Norfolk, Va. **Limit**, 90 days. **Plans and specifications** not filed.

GLASS
(3266) SE MARKET AND BEALE STS.
NE 137-6 & SE 138-2. **All work**
to furnish glass for class A office
bdg.
OWNER—Pacific Gas & Electric Co., 445
Market St., S. F.
Architect—None.
Contractor—Towe Glass Co., 574 Eddy
St., S. F.
Filed Sept. 16, 1924. **Dated** Sept. 15, 1924.
Monthly payments 75%
Usual 25 days 25%
TOTAL COST, \$18,005.
Bond, \$9,000. **Sureties**, Globe Indemnity Co., Portland, Ore. **Limit**, 90 days. **Plans and specifications** filed.

DWELLINGS
(3267) W THIRTY-FOURTH AVE 275,
301 and 325 N. Divisadero. **Three one-**
story and basement frame dwlg.
OWNER—Parkside Realty Co., 618
Rockefeller Bldg., San Francisco.
Architect—Chas. E. Schrothoff, 2274 15th
St., San Francisco. \$4,000 each

DWELLING
(3268) S BALBOA 72-6 E 19th Ave.
One-story and basement frame
dwelling
OWNER—E. A. Jansson, Hearst Bldg.,
San Francisco.
Architect—None. \$4,000

DWELLING
(3269) NW PARIS 199 NE Russia.
One-story and basement frame
dwelling
OWNER—Lorenzo Besio, 442 Lisbon St.,
San Francisco.
Architect—None.
Contractor—J. P. McCall & Lorenzo
Besio, 3611 Mission St., San Francisco. \$3,500

DWELLING
(3269) E ASHTON AVE 199 S. Holo-
way. **One-story and basement**
frame dwelling
OWNER—E. A. Jansson, Hearst Bldg.,
San Francisco.
Architect—None. \$4,000

ALTERATIONS
(3269) NO 1802 SAN JOSE AVE. **Raise**
roof. **One-story and basement**
dwelling
OWNER—J. M. Gholson, 1841 Mission St.,
San Francisco.
Architect—None.
Contractor—K. S. Stephens, 1841
Way Ave., S. F. \$12,000

ALTERATIONS
(3269) NO 2225 WASHINGTON
model for future. **One-story and**
basement frame dwelling
OWNER—Mr. Clark Carter, Fremont
Architect—None.
Contractor—L. Vanhook, 19th and
Valencia Sts., S. F. \$1,000

ALTERATIONS
(3269) W ROUGH 25 S. G. H. 13-
model residence. **One-story and**
basement frame dwelling
OWNER—Armitt, 3261 Scott St., San
Francisco.
Architect—Fibre & Hiltchman, 119
Shuler St., San Francisco. \$3,000

DWELLINGS
(3269) NW VIENNA 275 and 300 NE
Divisadero. **Two one-story and**
basement frame dwellings
OWNER—Benjamin & Weissman, 8 Ocean
Ave., San Francisco.
Architect—Gustav Stahlberg, 544 Mar-
ket St., San Francisco. \$3,000 each

DWELLINGS
(3269) S MISSION 50 and 75 W Con-
cord. **Two one-story and basement**
frame dwellings
OWNER—Patrick Horgan, 915 Pierce St.,
San Francisco. \$4,000 each
Architect—None.

ALTERATIONS
(3269) S CUTTER 300 E Grant Ave.
Install storm doors and wire glass
ceiling on metal T. iron.
OWNER—Raphael Weill & Co. (The
White House), Premises.
Architect—None.
Contractor—Ostlund & Johnson, 1901
Loyant St., S. F. \$2,500

ALTERATIONS
(3269) NE FELL AND STEINER RO-
model R. for (1) and (2) and (3)
OWNER—Jas. Coburn, 600 Steiner St.,
San Francisco. \$3,200
Architect—None.

APT. FLATS
(3269) SW BLODERICK AND ELLIS
Three-story and basement frame
(5) apartment flats
OWNER—Mr. and Mrs. George F. Brown
Architect—Wm. F. Gunnison.
Contractor—Wm. F. Gunnison, 57 1/2
St., San Francisco. \$12,000

FLATS
(3269) S TWENTY-FOURTH 40 W
Chattanooga. **Two-story and basement**
frame (4) flats
OWNER—L. Arata, 30 Day St., S. F.
Architect—L. Traverso, 854 Union St.,
San Francisco.
Contractor—Unco & Demartini, 181
Church St., S. F. \$12,000

BANK
(3269) SE MISSION AND TWENTY-
third. **One-story and basement**
concrete bank
OWNER—Liberty Bank, Mason & Market
Sts., San Francisco.
Architect—H. A. Minton.
Contractor—J. Martinelli, Call Bldg.,
San Francisco. \$35,000

ALTERATIONS
(3271) NE KENSINGTON 25 NW Por-
to. **Two-story and basement**
frame residence
OWNER—James A. Arnold, 235 Gran-
ville Way, San Francisco.
Architect—None.
Contractor—James Arnold & Son, 235
Granville Way, S. F. \$6,000

DWELLINGS
(3271) 4 BRIGHTON 150 and 175 N
Lakeview. **Two one-story and**
basement frame dwellings
OWNER—James A. Arnold, 235 Granville
Way, San Francisco.
Architect—None.
Contractor—James Arnold & Son, 235
Granville Way, S. F. \$2,000 ea

DWELLINGS
(3271) E BRIGHTON 100 and 125 N
Lakeview. **Two one-story and**
basement frame dwellings
OWNER—James A. Arnold, 235 Granville
Way, San Francisco.
Architect—None.
Contractor—James Arnold & Son, 235
Granville Way, S. F. \$4,000 ea

RESTAURANT
(3271) NW SEVENTEENTH & TEXAS
One-story frame restaurant
OWNER—Lee Firpo, 118 Texas St., San
Francisco.
Architect—None.
Contractor—Richmond Constr. Co., 2940
Gray St., S. F. \$2,000

STORE, ETC.
(3271) E SAN BRUNO AVE 25 N
Burrows. **Two-story frame store**
and flat
OWNER—D. Ferrari, San Bruno & Bur-
rows Sts., San Francisco.
Architect—None.
Contractor—M. Brueck, 600 Charter
Oak Ave., S. F. \$6,000

ALTERATIONS
(3271) NO 2304 SAN BRUNO AVE.
Raise cottage; concrete foundation
and flooring
OWNER—T. Levinsky, 2304 San Bruno
Ave., San Francisco.
Architect—James G. Neish, 136 Cora
St., S. F. \$1,500

DWELLING
(3271) W THIRTY-THIRD AVE 125 S
Elm. **One-story and basement**
frame dwelling
OWNER—William Costello, 758 29th Ave.,
San Francisco.
Architect—None. \$3,000

DWELLINGS
(3271) NW SOUTH HILL BLVD. AND
Baltimore Way. **SE Cordova** and
Baltimore Way. **S Chicago Way** 162
and 186 E Cordova. **N Munich** 250
W Rolph. **S Munich** 304 W Cordova
N Winding Way 51 E Naylor and
W Drake. **30 N Winding Way**. **Eight**
one-story and basement frame
dwellings
OWNER—Rocker Estate Co., 525 Crack-
er Bldg., San Francisco.
Architect—None.
(1) \$5,000; (1) \$2,000; (1) \$1,500

APARTMENTS
(3271) P LACINA 25 S. Francisco.
Two-story and basement frame (4)
apartments
OWNER—Chas. H. Huck, 719 41st Ave., San
Francisco.
Plans by Owner. \$9,500

RESIDENCE
(3271) P SAN BENITO 255 N St. Fran-
cis Blvd.. **Being Lot 21 Blk 12, St.**
Francis Wood. **All work for two-**
story frame residence.
OWNER—Stella Hall Hanley and James
M. Hanley, 178 Belmar St., S. F.
Architect—Milton W. Morrison, 601 42d
Ave., San Francisco.
Contractor—B. W. Demarais, 732 Page
St., San Francisco.
Filed Sept. 17, 24. **Dated** Sept. 15, '24.
Foundation and rough super-
structure up \$2,667
Roof on 3163
Completed 3163
Usual 35 days 3163
TOTAL COST, \$12,650
Bond, none. **Limit**, 90 days. **Forfeit**,
none. **Plans and specifications** filed.

NOW READY FOR DELIVERY—

FRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.

Loose Leaves in Fabricated Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.

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Sept. 11, 1924—W 36TH AVE. 325 N
Fulton N 25 x W 120. California
Door Co. vs. A. M. Hardy and W. V.
Hollingsbery, Jr. \$116.29
Sept. 11, 1924—W 36TH AVE. 325 N
Cabrillo N 25 x W 82-6 Rock
Sand and Gravel Sales Co. vs. A.
M. Hardy and W. V. Hollingsbery, Jr.
\$23.25
Sept. 11, 1924—W 36TH AVE. 325 N
Fulton N 25 x W 120. Rock Sand
and Gravel Sales Co. vs. A. M.
Hardy and W. V. Hollingsbery, Jr.
\$23.25
Sept. 11, 1924—W 36TH AVE. 325 N
Fulton N 25 x W 120. Rock Sand
and Gravel Sales Co. vs. A. M. Hardy
and W. V. Hollingsbery, Jr. \$23.25
Sept. 11, 1924—W 36TH AVE. 325 N
Cabrillo N 25 x W 82-6 Rock Sand
and Gravel Sales Co. vs. A. M.
Hardy and W. V. Hollingsbery, Jr.
\$23.25
Sept. 12, 1924—W THIRTY-SIXTH
AVE 50 S Cabrillo 160x80. 1
Epp vs W V Hollingsbery and A M
Hardy \$50
Sept. 12, 1924—W THIRTY-SIXTH
AVE 325 N Fulton 50xW 120. 1
Epp to W V Hollingsbery and A M
Hardy \$60
Sept. 12, 1924—W THIRTY-SIXTH
AVE and Cabrillo. S Goldberg vs
A M Hardy \$492
Sept. 12, 1924—W TWENTY-FOURTH
60 m or 1 W Bryant rung 25 m or 1
alg 24th St by 160 m or 1 No. 2871
24th St. W M Friend vs John Doe
Guinti and Tony Castaneda \$372
Sept. 12, 1924—SW NIAGARA 114x58
NW Mission NW 50xSW 80.10 Pin
1. Bland Erickson vs Macbell
and Harry C. Pinkerton \$105
Sept. 13, 1924—S POST AND E LYON
R Milward vs Edward G Cassidy
\$607.30

BUILDERS BOND

SAN FRANCISCO COUNTY

Sept. 16, 1924—BRANNAN & SECOND
Sts. Chas. Stockholm & Sons with
Crane & Co. Bond, \$11,450.

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 12, 1924—E STEINER 62-6 S
Filbert S 55x E 62-6. Chas Ewing
to Elizabeth Filtre \$.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 12, 1924—NE ELLIS & MASON
E 87-6xN 187-6. Lena Rosenstirn
as to improvements on property...

BUILDING CONTRACT BOND

SAN FRANCISCO COUNTY

Aug. 13, 1924—Joseph Howard, Byron
Feerick and Lawrence J Sinnott with
Pacific Investment Co. Contract re-
corded August 14, 1924. Bond, \$2150.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts in this issue.

4744 Marquis Owner 6400
4745 Elting Owner 3000
4746 Kelly Owner 3000
4747 Nichols Owner 3500
4748 Lindquist Owner 13000
4749 Cameron Owner 6000
4750 Cameron Owner 3000
4751 Cameron Owner 3000
4752 Hill Reimers 7000
4753 Watson Rheberg 3500
4754 Saloni Pockrell 3500
4755 Zade Duane 1800
4756 Hurst Owner 4000
4757 Warner Owner 3000
4758 McFarland Owner 2000
4759 Beaudry Allan 1250
4760 Kraw Sills 1500
4761 Bragg Wichen 10520
4762 Morgan Norgrove 3850

4763 Walker Owner 3000
4764 Mastick Berkeley 9500
4765 MacGregor Owner 7500
4766 Weaver MacGrogor 3500
4767 Lyman Atkinson 7000
4768 St John Beckett 1000
4769 Johnston Henas 7000
4770 Leoni Brandt 2500
4771 Jewell Moore 2500
4772 Eurrutt Owner 5000
4773 Camper Iowland 9000
4774 Farwell Orillie 4500
4775 Gimbel Patrick 4500
4776 Scherer Andrews 2100
4777 Raioia Angelman 12000
4778 Newby Owner 4000
4779 St Peters Pearson 8100
4780 Crosby Kopf 8200
4781 Duke Owner 1500
4782 Baiker Owner 9800
4783 Fredericksen Falk 3650
4784 Silber Kiek 2500
4785 Kick Owner 2500
4786 Meves Holton 5000
4787 Rhyns Atkinson 2200
4788 Jans Power 3500
4789 Morgan Norgrove 3500
4790 Wood Fox 2000
4791 Rankin Brewer 3500
4792 Mohr Owner 6000
4793 Bosley Schulz 5500
4794 Langtry Owner 3500
4795 Bernadso Gow 3000
4796 Wickham Victors 3275
4797 Walker Owner 3000
4798 Curtis Owner 1500
4799 Associated Owner 1200
4800 Mart Owner 1850
4801 Newton Owner 3000
4802 Gumbel Owner 4000
4803 Floyd Thrans 5000
4804 Grubb Owner 1000
4805 Same Same 4000
4806 Anderson Owner 5000
4807 Leithman Owner 1750
4808 Avey Hamblton 11000
4809 Nu of Tau Mason 32409
4810 Stevens Allen 19352
4811 Meves Holton 2850
4812 Dodd Owner 1500
4813 Bolger Owner 3000
4814 Lane Hammond 1073
4815 Jungblutt Ketterer 1950
4816 Ford Kaler 4500
4817 Kinney Owner 5200
4818 Scammell Owner 5200
4819 Markwart Markwart 20000
4820 Pitto Owner 3000
4821 Catucci Owner 20000
4822 Henry Maurice 10000
4823 Hadden Steven 3300
4824 Schnetz Woolley 5569
4825 Re Hallett 2310
4826 Monez Owner 1500
4827 Parena Marengo 4000
4828 Ehrenpfort Derby 4500
4829 De Jong Owner 4000
4830 Mecker Jaspersen 1800
4831 Henry Sevins 5000
4832 Quigley Skow 5500
4833 LaFrenz Taylor 3000
4834 Davis Owner 4500
4835 Colman Boady 1500
4836 Sherman Christensen 19713
4837 Wilkes Owner 7050
4838 Brown Bixler 8000
4839 Lucas Owner 4000
4840 Narquis Owner 2500
4841 Hammarberg Owner 5000
4842 Stone Owner 5900
4843 McIlhenney Muller 11000
4844 Dault Owner 3000
4845 Prund Owner 7000
4846 Zappettini Owner 1000
4847 Croll Owner 1200
4848 Birch House 1800
4849 Capwell Muller 3000
4850 Blake Peters 3700
4851 Myers Owner 4000
4852 Rees Owner 1500
4853 Rich Owner 1500
4854 Sullivan Barrett 90000
4855 Bracher Douglas 6820
4856 Japanese Brennan 25000
4857 McCarthy Brumfield 9000
4858 Brown Coffee 3000
4859 Blaw Ingram 3500
4860 Tassarino Owner 5000
4861 Aye Hamblton 12000
4862 Moore Owner 3500
4863 Moore Owner 6000
4864 Cluston Cluston 4000
4865 Anderson Grigshy 4500
4866 Parks Owner 5800
4867 Elwood Cal. 4500
4868 Finn Doan 8100
4869 Hudson Boughman 6860
4870 Jones Harris 3700
4871 Sulmoeck Flagg 3500
4872 King Owner 3000
4873 Hancock Frazier 4000
4874 Rasmussen Leiter 24700
4875 Oakland Hopper 14000

DWELLINGS

(4741) 7000 7004 7014 7100 ORRAL ST.
Oakland. Four 1-story 3-room
dwellings and garages.
Owner—E. M. Marquis, 2827 Russell St.
Berkeley.
Architect—None. \$1600 each

DWELLINGS

(4745) 9712 9718 BIRCH ST. Oak-
land. 2 1-story 4-room dwellings.
Owner—W. F. Elting, 9712 Birch St.,
Oakland.
Architect—None. \$1500 each

DWELLING

(4746) S HAYES ST. 147 E 62nd Ave
Oakland. 1-story 5-room dwelling
Owner—Brookdale, 4579 Wadean Pl.,
Oakland.
Architect—None. \$3000

STORES

(4747) 2825 PARK BLVD., Oakland.
1-story store.
Owner—R. D. Nichols, 2811 Park Blvd.,
Oakland.
Architect—None. \$3500

DWELLING

(4748) E VICKSBURG AVE. between
Ygnacio and 51st Avenues, Oakland
Two 1-story 9-room 2-family dwigs
Owner—H. W. Lindist, 4075
Brookdale Ave., Oakland.
Architect—None. \$6500 each

DWELLINGS

(4749) SE COR. TEXAS & PLEITNER
Sts. and Texas 40 E Pleitner, Oak-
land. 2-story 3-room dwellings.
Owner—H. C. Cameron, 5619 Dover St.,
Oakland.
Architect—None. \$3000 each

DWELLING

(4750) SW COR. TEXAS & PLEIT-
ner Sts. Oakland. 1-story 5-room
dwelling.
Owner—H. C. Cameron, 5619 Dover St.,
Oakland.
Architect—None. \$3000

DWELLING

(4751) NW COR. SCHOOL & PLEIT-
ner Sts. Oakland. 1-story 5-room
dwelling.
Owner—H. C. Cameron, 5619 Dover St.,
Oakland.
Architect—None. \$3000

(4752) S HUBERT RD. 200 E Carliston
St. Oakland. 2-story 6-room dwlg.
Owner—Edwin F. Hill, Jr., 495 Elwood
Ave., Oakland.
Architect—None.
Contractor—F. H. Reimers, Tribune
Tower, Oakland. \$7000

DWELLING

(4753) 2515 PERALTA AVE., Oakland.
dwelling.
Owner—S. A. Watson, 2734 Hopkins
St., Oakland.
Architect—None.
Contractor—C. J. Rheberg, 2831 Mon-
tana St., Oakland. \$3800

DWELLING

(4754) W ELMHURST AVE. 100 S C
St. Oakland. 1-story 5-room dwlg.
Owner—Albert Saloni, 9764 D St., Oak-
land.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada
St., Oakland. \$3500

DWELLING

(4755) NE COR. TWENTY-SEVENTH
AVE. and E-9th St. Oakland. 1-sto.
5-room dwelling.
Owner—Henrietta Zado, 2857 East 9th
St., Oakland.
Architect—None.
Contractor—E. A. Duane, 2827 E-9th
St., Oakland. \$1800

DWELLING

(4756) N EVERETT AVE. 150 W
Leach Ave. Oakland. 1-story 4-
room dwelling.
Owner—W. S. Hurst, 2014 16th Ave.,
Oakland.
Architect—None. \$4000

DWELLING

(4757) NW COR. ECHO AND GLEN
Aves. Oakland. 1-story 5-room
dwelling.
Owner—S. A. Warner, 850 Cleveland
Ave., Oakland.
Architect—None. \$3000

(4750) 1341 SIXTY-FIRST AVENUE, Oakland. 1-story 4-room dwlg. Owner—H. E. MacFarland, 9834 Scott St. Oakland. Architect—None. \$2000

ADDITION
(4751) W. SAN PABLO AVE. 64 N. Standard Ave., Oakland. Brick addition. Owner—Beaudry & Brennan, 606 25th St., Oakland. Architect—Hutchinson & Mills, 1214 Webster St., Oakland. Contractor—Martin Allan, 346 Walsworth Ave., Oakland. \$1250

APARTMENTS
(4760) W. KEMPTON AVE. 300 S. Woodland Ave., Oakland. 2-story 18-room apartments. Owner—W. Kraw, 2212 Clinton Ave., Alameda. Architect—A. Nastovic. Contractor—L. Sills, 524 13th St., Oakland. \$15,000

DWELLING
(4761) LOT 14 (HILFORD) PLACE, Piedmont. All work for 2-story dwelling. Owner—Amelia H. Bragg, W. Side Highland Ave., Piedmont. Architect—Williams & Wastell, 601 American Bank Bldg., Oakland. Contractor—Alex C. Wieben, 839 Rosemount, Oakland. Filed Sept. 10, 1924. Dated Sept. 10, 1924. Frame up 25%
1st coat plaster 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$10,520.48
Bond, \$5300; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

DWELLING
(4762) E LINE MABEL ST. 185.34 FT. Ashby Ave., Berkeley. All work for 5-room dwelling and garage. Owner—Albert H. & Florence E. Morgan, 1311 Ashby, Berkeley. Architect—C. M. Norgrove. Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. Frame up \$962.50
Brown coated 962.50
Completed and accepted 962.50
Usual 35 days 962.50
TOTAL COST, \$3850
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

(4763) 1133 HOPKINS ST., Berkeley. Dwelling. Owner—W. Walker, 545 17th St., Oakland. Architect—None. \$3000

DWELLING
(4764) 908 SHATTUCK AVE., Berkeley. Dwelling and garage. Owner—M. Mastick, 2029 Shattuck Ave. Berkeley. Architect—Berkeley Building Co., 2021 Shattuck, Berkeley. Contractor—Berkeley Building Co., 2029 Shattuck, Berkeley. \$9500

DWELLINGS
(4765) 1517-23 CARLTON, Berkeley. Two dwellings. Owner—C. M. MacGregor, 470 13th St., Oakland. Architect—None. \$3800 each

(4766) 1625 CARLTON, Berkeley. Dwelling. Owner—Mrs. Weaver, Vu du lac Apts., Oakland. Designer—C. M. MacGregor, 470 13th Oakland. Contractor—C. M. MacGregor, 470 13th Oakland. \$3800

DWELLING
(4767) 818 MENDOCINO, Berkeley. Dwelling. Owner—C. L. Lyman, 1935 Yosemite, Berkeley. Architect—None. Contractor—E. L. Atkinson, 2735 Grove St., Berkeley. \$7000

ALTERATIONS
(4768) 2309 TELEGRAPH AVE., Berkeley. Alterations. Owner—I. F. St. John, cor. Telegraph and Durant, Berkeley. Architect—None. Contractor—Beckett & Wight, 2457 Webster St., Berkeley. \$1000

RESIDENCE
(4769) 16 DORMIDERO AVE., Piedmont. Residence and garage. Owner—R. B. Johnston, 4328 Leach, Oakland. Architect—None. Contractor—Joseph A. Henas, 6922 Arthur, Oakland. \$6500

DWELLING
(4770) CORNELL AVE., Berkeley. Dwelling. Owner—Peter Leoni, 1325 Lincoln St., Berkeley. Designer & Contractor—C. F. Brandt, 1640 Belvedere, Berkeley. \$2250

ALTERATIONS & ADDITIONS
(4771) 2131 RUSSELL ST., Berkeley. Alterations and additions. Owner—C. C. Jewell, 3933 Ruby St., Oakland. Architect—None. Contractor—Moore & Fisher, 446 38th St., Oakland. \$2500

DWELLING
(4772) 325 SAN FERNANDO, Berkeley. Dwelling. Owner—W. H. Burritt, 5359 Manila Ave., Berkeley. Architect—None. \$5000

DWELLING
(4773) 1518 LE ROY, Berkeley. Dwelling. Owner—Mrs. H. Camper, Tree Hanen Apts., Berkeley. Architect—W. T. Richards, 3141 College Berkeley. Contractor—Rowland & Rowland, 1800 Blake St., Berkeley. \$9000

DWELLING
(4774) 2110 MARIN AVE., Berkeley. Dwelling. Owner—Nina Farwell, 2205 Stuart St., Berkeley. Designer & Contractor—John Orilleb, 1910 Essex St., Berkeley. \$4500

SHOP
(4775) 1107 ADDISON, Berkeley. Appts. Plumbing shop. Owner—Frank Gimbel. Architect—None. Contractor—H. G. Patrick, 1973 Marin Ave., Berkeley. \$4900

DWELLING
(4776) W. BARTLETT ST. 100 S. Derrington, Oakland. 1-story 4-rm. dwelling and garage. Owner—W. Scherer, 3510 Foothill Blvd Oakland. Architect—None. Contractor—Andrews & Hagen, 3878 Maybelle Ave., Oakland. \$3100

APARTMENTS
(4777) 1801 THIRTY-NINTH AVE., Oakland. 2-story 16-room apartments. Owner—R. Raiola, 1801 39th Ave., Oakland. Architect—None. Contractor—J. & E. Angelman, 2047 36th Ave., Oakland. \$12,000

DWELLING
(4778) E SEVENTY-NINTH AVE. 75 S. Holly St., Oakland. 1-story 5-room dwelling. Owner—P. A. Newby, 2263 Auseon Ave., Oakland. Architect—None. \$4000

ADDITION
(4779) S. LAWTON AVE. 100 E. Broadway, Oakland. Addition. Owner—St. Peters Parish, premises. Architect—Clarence Tantau, 251 Kearny San Francisco. Contractor—Ben Pearson, 2403 Grant St., Berkeley. \$3100

ALTER & ADDITION
(4780) 3115 WEBSTER STREET, Oakland. Alterations and additions. Owner—Dr. Daniel Crosby, 3115 Webster St., Oakland. Architect—None. Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. \$8200

DWELLING
(4781) 1508 THIRTY-SIXTH AVENUE (rear), Oakland. 1-story 4-room dwelling. Owner—Chas. J. Duke, 1508 36th Ave. Oakland. Architect—None. \$1500

DWELLINGS
(4782) N. ROSAL AVE. 50 150 W. Le-rida Ave., Oakland. Two 2-story 6-room dwellings. Owner—L. M. Baird, 1033 Bay View Ave., Oakland. Architect—None. \$4900 each

DWELLING
(4783) E SIXTIETH AVE. 120 S. Scenic Way, Oakland. Owner—H. Fredericksen, 2028 Encinal Ave., Alameda. Architect—None. Contractor—Chas. W. Falk, 1520 E 38th St., Oakland. \$3650

DWELLING
(4784) 2145 SIXTY-SIXTH AVENUE, Oakland. 1-story 4-room dwelling. Owner—Frank L. Stiber, 2325 Humboldt Ave., Oakland. Architect—None. Contractor—Paul L. Kick, 2325 Humboldt Ave., Oakland. \$2500

DWELLING
(4785) 2139 SIXTY-SIXTH AVENUE, Oakland. 1-story 4-room dwelling. Owner—Paul L. Kick, 2325 Humboldt Ave., Oakland. Architect—None. \$2500

(4786) 928 ALMA AVENUE, Oakland. 1½-story 1-room dwelling. Owner—B. A. Meves, 1534 San Pablo Ave., Oakland. Architect—B. E. Remmel, 966 Warfield Ave., Alameda. Contractor—W. M. Holton, 2106 9th Ave., Oakland. \$5000

DWELLING
(4787) LOT 49 BLK 10 THOUSAND Oaks, Berkeley. All work for 2-story frame dwelling. Owner—B. M. Rhyns, 3026 Lee St., Berkeley. Architect—None. Contractor—E. L. Atkinson, 2735 Grove St., Berkeley. Filed Sept. 12, 1924. Dated Sept. 6, 1924. Frame up \$1800
Brown coated 1800
Completed and accepted 1800
Usual 35 days 1800
TOTAL COST, \$7200
Bond, Sureties, none; Forfeit, \$1 day; Limit, 70 working days; Plans and specifications filed.

DECORATING ETC.
(4788) NE LINE E FOURTEENTH ST. bet. 88th and 89th Ave. Decorating, painting and finishing theatre and store building. Owner—Junior Monarch Hay Press Co. 701 Parrot, San Leandro. Architect—A. W. Cornelius, 625 Market St., San Francisco. Contractor—Robert E. Power Studios, Los Angeles. Filed Sept. 12, 1924. Dated Sept. 11, 1924. Sept. 20, 1924 75%
Usual 35 days 25%
TOTAL COST, \$3500
Bond, \$1750; Sureties, E. H. Enmick; Forfeit, Limit, none; Plans and specifications filed.

DWELLING
(4789) NO. 2913 MABEL ST., Berkeley. Dwelling. Owner—A. H. Morgan Jr., 1311 Milvia St., Berkeley. Architect—C. M. Norgrove, 2020 Roosevelt Ave., Berkeley. Contractor—C. M. Norgrove, 2020 Roosevelt Ave., Bkly. \$3500

ALTERATIONS
(4790) NO. 2221 ROOSEVELT AVE., Berkeley. Alterations. Owner—E. Wood, Premises. Architect—None. Contractor—Fox Bros., 1926 University Ave., Berkeley. \$2000

DWELLING
(4791) NO. 1323 GRANT ST., Berkeley. Dwelling. Owner—J. Rankin, 6082 Claremont Ave., Oakland. Architect—None. Contractor—L. Brewer, 1712 San Pablo Ave., Berkeley. \$3500

STORES
(4792) DELAWARE AND SHATTUCK AVE., Berkeley. Stores. Owner—G. Mohr, 1810 Shattuck Ave., Berkeley. Architect—None. \$60,000

DWELLING
(4793) NO. 2328 CRAGMONT, Berkeley
dwelling.
Owner—B. Fosley, 1329 Milva St., Bkly
Architect—None
Contractor—H. Schulz, 932 Arlington
St., Berkeley

DWELLING
(4794) NE GEMOA AND ARLINGTON
Sts., Oakland. One-story 5-room
dwelling.
Owner—J. R. Langtry, 739 Alleen St.,
Oakland.
Architect—None. \$3500

DWELLING
(4795) NO. 514 HARDY ST., Oakland.
One-story 5-room dwelling.
Owner—Albert Bernadesco, 5472 Clare-
mont Ave., Oakland.
Architect—None
Contractor—A. B. Gow, 501 Hardy St.,
Oakland. \$3000

DWELLING
(4796) E FOREST DRIVE 200 S Indian
Drive, Oakland. One-story 4-room
dwelling.
Owner—Wicham Havens, Inc., 15th &
Franklin Sts., Oakland.
Architect—None.
Contractor—Theo. Victors, 818 Lincoln
Ave., Alameda. \$3275

DWELLING
(4797) NO. 2218 TWELFTH AVE., Oak-
land. One-story 5-room dwelling.
Owner—W. A. Walker, 530-B 17th St.,
Oakland.
Architect—None. 3000

DWELLING
(4798) W 101ST AVE 230 S Birch St.,
Oakland. One-story 4-room dwlg.
Owner—C. W. Curtis, 1745 101st Ave.,
Oakland.
Architect—None. \$1500

STATION
(4799) NW THIRTY-FIFTH AVE &
Pothill Blvd., Oakland. One-
story comfort station.
Owner—Associated Oil Co., 79 New
Montgomery St., S. F.
Architect—None. \$1200

DWELLING
(4800) S MART WAY 200 E Lincoln
Ave., Oakland. One-story 4-room
dwelling.
Owner—A. T. Mart, 2421 Mart Way,
Oakland.
Architect—None. \$1850

DWELLING
(4801) SW THIRTY-FIFTH AND
Penniman Aves., Oakland. One-
story 4-room dwelling.
Owner—L. W. Newton, 543 19th St.,
Oakland.
Architect—None. \$3000

DWELLING
(4802) NE ELSINOR AND SAN SEBAS-
tian, Oakland. One-story 5-room
dwelling.
Owner—Jas. B. Grubb, 588 42nd St.,
Oakland.
Architect—None. \$4000

DWELLING
(4803) N GOULDIN ROAD 800 E
Thorn Road Oakland. One-story
6-room dwelling.
Owner—R. S. Floyd, 225 Gouldin Road,
Oakland.
Architect—None.
Contractor—C. H. Thrans, 28 Home Pl.,
Oakland. \$5000

DWELLING
(4804) S EVERETT AVE 100 W
Clarke Ave., Oakland. One-story 5-
room dwelling.
Owner—Jas. B. Grubb, 588 42nd St.,
Oakland.
Architect—None. \$4000

DWELLING
(4895) N CLARK AVE 100 W Everett
Ave., Oakland. One-story 5-room
dwelling.
Owner—Jas. B. Grubb, 588 42nd St.,
Oakland.
Architect—None. \$4000

DWELLING
(4806) NO. 1074 ANNERSLEY ROAD,
Oakland. One-story 6-room dwlg.
Owner—C. M. Anderson, 1853 9th Ave.,
Oakland.
Architect—None. \$5000

DWELLING
(4807) S CASTROLINE ROAD 300 W
Tiffin Road, Oakland. One-story 4-
room dwelling.
Owner—Louis Leithman, 3557 Fruit-
vale Ave., Oakland.
Architect—None. \$1750

STORES, ETC.
(4808) SW E-FOURTEENTH ST 50 NW
12th Ave., Oakland. All work for
stores and flat building.
Owner—Elbe Ave, 1234 E-14th St.,
Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th
Ave., Oakland.

Filed Sept. 13, '24. Dated Sept. 11, '24.
2nd floor joists on \$2200
Rough frame up 2200
1st coat plaster on 2200
Completed 2200
Bill and releases presented 200
TOTAL COST, \$11,000
Bond, none. Limit, 90 days after Sept.
11, 1924. Forfeit, plans and specifica-
tions none.

FRATERNITY HOUSE
(4809) LOTS 10 AND 22 BLK. 8,
Daley's Scenic Park, Berkeley. All
work for two-story frame and
plaster fraternity house.
Owner—Nu of Tau Kappa Epsilon Bldg.
Association.

Architect—Mason & Hund, 168 Sutter
St., San Francisco.
Contractor—Mason-McLudie Co., 278
Post St., San Francisco.

Filed Sept. 13, '24. Dated Sept. 10, '24.
Frame up \$800 25
Brown coated 800 25
Completed 800 25
Usual 35 days 102.25
TOTAL COST, \$32,400
Bond, \$16,204.50. Sureties, Duncan Mc-
Duffie and C. C. Young. Limit, 120
working days after date. Forfeit, \$10.
Plans and specifications filed.

APARTMENTS
(4810) PTN. LOTS 11 AND 12 BLK. 5,
College Homestead, Berkeley. All
work for three-story frame and
stucco apartment house.
Owner—Mary W. Stevens.
Architect—Paul V. Tuttle, 357 12th St.,
Oakland.

Contractor—Allen & Conrad, 351 12th
St., Oakland.
Filed Sept. 13, '24. Dated Feb. 20, '24.
Floor joists \$ 400
Rough framed 6,500
Plastered wire, etc 14,500
Completed 12,002
Usual 35 days 12,500
TOTAL COST, \$49,952

Bond, none. Limit, 100 working days.
Forfeit, plans and specifications, none.

RESIDENCE
(4811) LOT 10 BLK. 22, Lakeshore
Highlands Addition No. 1, Oakland.
All work for one and one-half-
story 5-room frame and cement
stucco residence and garage.

Owner—E. A. and Mrs. C. E. Meves,
1534 San Pablo Ave., Oakland.
Architect—None.
Contractor—W. M. Holton, 2106 5th Ave.,
Oakland.

Filed Sept. 12, '24. Dated Sept. 8, '24.
Frame up 250
2nd coat outside plaster on 250
Completed 250
Usual 35 days 250

TOTAL COST, \$5850
Bond, \$2925. Surety, United States Fi-
delity & Guaranty Co. Limit, none.
Forfeit, \$10. Plans and specifications
filed.

DWELLING
(4812) 2210 SANTA CLARA AVENUE,
Alameda. 1-story 4-room dwelling.
Owner—M. M. Dodd, 2208 Santa Clara
Ave.
Architect—B. E. Remmel, 966 Warfield
Ave., Oakland. \$1500

BUNGALOW
(4813) 3215 FERNSIDE BLVD., Alame-
da. 1-story 5-room bungalow.
Owner—Thomas R. Bolger, 3215 Fern-
side Blvd., Alameda.
Architect—Thomas R. Bolger, 3215
Fernside Blvd., Alameda. \$5000

ADDITIONS
(4814) 1712 WILLOW ST., Alameda.
Additions.
Owner—Thomas Lane, 1712 Willow St.,
Alameda.
Architect—Hammond & Cook, 2709
Central Ave., Alameda. \$1073

ALTERATIONS
(4815) 611 SANTA CLARA AVE., Alame-
da. Alterations.
Owner—Anna Jungblutt, 611 Santa
Clara Ave., Alameda.
Architect—None.
Contractor—H. Ketterer, 720 Lincoln
Ave., Alameda. \$1950

DWELLING
(4816) 1235 BROADWAY ST., Alameda
2-story 8-room dwelling.
Owner—Mrs. I. B. Ford, 1237 Broadway,
Alameda.
Architect—J. J. Ford, 1237 Broadway,
Alameda.
Contractor—M. C. Kaler, 2029 San Jose
Ave., Alameda. \$4500

DWELLING
(4817) 214 PALA AVE., Piedmont.
Residence and garage.
Owner—C. H. Kinney, 480 Hardy, Pied-
mont.
Architect—None. \$5200

RESIDENCE
(4818) 123 HAGAR AVE., Piedmont.
Residence.
Owner—J. W. Scammell, 110 Pacific,
Oakland.
Architect—None. \$5200

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

RESIDENCE

(4190) SE LA SALLE AVE. & INDIAN Road, Piedmont 2-story and basement frame and stucco residence & garage.
Owner—A. H. Markwart, 377 Palm, Piedmont.
Architect—W. C. Hays, 1st Natl. Bank Bldg., Piedmont.
Contractor—E. H. Markwart, 1208 Walker St., S. F. \$20,000

DWELLING

(4820) 2231 BROWNING ST. Piedmont Dwelling.
Owner—John Pitto, 1509 Kaines Ave., Berkeley.
Architect—None. \$3000

APTS & STORES

(4321) SE COR. EAST FOURTEENTH St. and 18th Ave., Oakland. 2-story 16-unit apartment and stores.
Owner—J. Catucci, 1212 13th Ave., Oakland.
Architect—Paul Laverigne. \$20,000

STORES

(4822) W GRAND AVE. 350 S Perry St., Oakland. 1-story stores.
Owner—A. S. Henry, 178 Grand Ave., Oakland.
Architect—None.
Contractor—R. Severns, 178 Grand Ave., Oakland. \$10,000

SHOP

(4823) 6260 COLLEGE AVE., Oakland 1-story shop.
Owner—A. Van Hurden Company 6260 College Ave., Oakland.
Architect—None.
Contractor—F. W. Maurice, 505 E 22nd St., Oakland. \$5300

DWELLING

(4824) S CHABOLYN TERRACE 400 N Chabot Rd., Oakland. 1-story 6-room dwelling.
Owner—Otto Schnetz, 6022 College Ave Oakland.
Architect—None.
Contractor—Ben F. Woolley 707 Adams St., Oakland. \$5569

DWELLING

(4825) E LOCKSLEY AVE. 233 S Clifton St., Oakland. 1-story 4-rm. dwelling.
Owner—Louis Re 5302 Miles Ave., Oakland.
Architect—None.
Contractor—F. W. Hallett, 812 Broadway, Oakland. \$2900

DWELLING

(4826) W TWENTY-FIFTH AVE. 100 N E-27th St., Oakland. 1-story 3-room dwelling.
Owner—A. H. Monez, 1427 East 32nd St., Oakland.
Architect—None. \$1500

DWELLING

(4827) W SHATTUCK AVE. 340 S 50th St., Oakland. 1-story 5-room dwlg.
Owner—R. dolfo Parena, 4727 Shattuck Ave., Oakland.
Architect—None.
Contractor—Joe Marengo. \$4000

DWELLING

(4828) E DIVISION ST. 100 S Hampel St., Oakland. 1-story 5-room dwlg.
Owner—Alvin G. Ehrenpfort, San Francisco.
Architect—None.
Contractor—H. C. Derby, 3810 Everett Ave., Oakland. \$4500

DWELLING

(4829) S BROOKDALE AVE. 70 E Lilac, Oakland. 1-story 5-room dwelling.
Owner—Louis DeJong, 2462 Wilbur St. Oakland.
Architect—None. \$4000

ADDITION

(4830) 825 FIFTY-THIRD ST. Oakland. Addition.
Owner—Mrs. V. Meeker, 825 53rd St., Oakland.
Architect—None.
Contractor—J. W. Jespersen, 878 54th St., Oakland. \$1800

STORES

(4831) W GRAND AVE. 480 S Perry St., Oakland. 1-story stores.

Owner—A. S. Henry, 178 Grand Ave., Oakland.

Architect—None.

Contractor—R. Severns, 178 Grand Ave. Oakland. \$5000

DWELLING

(4832) N SANTA RAY AVE. 160 E Paloma Ave., Oakland. 1-story 6-room dwelling.
Owner—Chas. E. Quisley, 464 Van Buren Ave., Oakland.
Architect—None.
Contractor—Nis Skow, 928 E 22nd St., Oakland. \$5500

DWELLING

(4833) S LOGAN AVE. 125 E 26th Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. E. Lafrenz, 3529 Hopkins St., Oakland.
Architect—None.
Contractor—C. S. Taylor, 1621 10th Ave. Oakland. \$3000

DWELLING

(4834) N FLEMING AVE 517 E Courtland Ave., Oakland. 1-story 6-room dwelling and garage.
Owner—Geo. E. Davis, 4600 Fleming Ave., Oakland.
Architect—None. \$4500

ALTERATIONS

(4835) 464-66 THIRTY-SEVENTH ST. Oakland. Alterations.
Owner—H. Colman, 3929 Telegraph Ave Oakland.
Architect—None.
Contractor—Wm. Beady, 5321 Locksley Ave., Oakland. \$1500

GARAGE

(4836) SW COR. TWENTY-SECOND and Chestnut Sts., Oakland. General construction 1-story semi-broproof garage and warehouse.
Owner—She-man Clay & Co., Sutter and Kearny Sts., S. F.
Architect—R. Vane Woods, 505 17th St., Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.
Filed Sept. 15, 1924. Dated Sept. 4, 1924.
1st and 15th of each month, of labor and materials incorpo-
rate 75%
Usual 35 days 25%
TOTAL COST, \$19,718.
Bond, sureties, none. Forfeit, \$1.00 per day. Limit, 60 working days after Sept. 15, 1924. Plans and specifications filed.

DWELLINGS

(4837) NO. 1000, 1004 and 1008 DELAWARE ST. Berkeley. Three dwlg.
Owner—Russell Wilkes, 2106 San Pablo Ave., Berkeley.
Architect—None. \$2350 each

DWELLING

(4838) NO. 2704 WEBSTER ST., Berkeley. Dwelling.
Owner—Gertrude Brown, 2700 Webster St., Berkeley.
Architect—None.
Contractor—S. E. Bixler, 2407 Ashby Ave., Berkeley. \$8000

DWELLING

(4839) NO. 1131 SPRUCE ST., Berkeley. Dwelling.
Owner—L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. \$4000

DWELLING

(4840) NO. 1363 MIRAMONTE COURT, Berkeley. Dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. \$2500

DWELLING

(4841) NO. 1714 MADERA, Berkeley. Dwelling.
Owner—Al Hammarberg, 810 60th St., Oakland.
Architect—None. \$5000

DWELLINGS

(4842) E 105TH AVE., 162 N Biggereau; E 105th Ave. 55 S Biggereau St., Oakland. Two 1-story 4-room dwellings.
Owner—E. B. and A. L. Stone Co., 804 Claus Sprackels Bldg., S. F.
Architect—None. \$2950 each

STORES

(4843) W GRAND AVE. 90 S Perry St., Oakland. 1-story brick and concrete stores.
Owner—D. McIlhinney, 805 Syndicate Bldg., Oakland.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$11,000

DWELLING

(4844) W SIXTY-FIRST AVE., 40 S Brann St., Oakland. 1-story 5-room dwelling.
Owner—H. D. and Catherine Pruitt, 1661 69th Ave., Oakland.
Architect—None. \$3000

DWELLING

(4845) S BARBARA RD. 200 N Excelsior Ave., Oakland. 2-story 7-room dwelling.
Owner—G. H. Pfund, 3005 Summit St., Oakland.
Architect—None. \$7000

REPAIRS

(4846) 3108 BARKER ST., Oakland. Fire repairs.
Owner—M. L. Zappettini, 663 Hillgirt Circle, Oakland.
Architect—None. \$1000

ALTERATIONS

(4847) E SIXTY-SEVENTH AVE. 200 S Avenal Ave., Oakland. Alterations.
Owner—W. A. Croll, 1921 69th Ave., Oakland.
Architect—None. \$1200

DWELLING

(4848) MADISON ST., 50 N 7th St. (rear), Oakland. 2-story 3-room dwelling.
Owner—Mrs. Laura Birch, 710 Madison St., Oakland.
Architect—None.
Contractor—Jacob House & Son, 1640 Allston Way, Berkeley. \$1800

ALTERATIONS

(4849) 420 FIFTEENTH ST., Oakland Alterations.
Owner—H. C. Capwell Co.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$3000

DWELLING

(4850) S E-TWENTY-EIGHTH ST. 45 E 9th Ave., Oakland. 2-story 6-rm. dwelling.
Owner—C. E. Blake, 1216 Hopkins St., Oakland.
Architect—None.
Contractor—L. A. Peters, 5313 Manila Ave., Oakland. \$3700

DWELLING

(4851) W HIGH ST., 80 N Penniman Ave., Oakland. 1-story 5-room dwelling.
Owner—W. J. Myers, 3214 High St., Oakland.
Architect—None. \$4000

ADDITION

(4852) 1429 105TH AVE., Oakland. Addition.
Owner—Rees-Boorman Mfg. Co., 1429 105th Ave., Oakland.
Architect—None. \$1500

DWELLING

(4853) E NINETY-NINTH AVE., 150 S Olive St., Oakland. 1-story 4-room dwelling.
Owner—J. B. Rich, 9901 Olive St., Oakland.
Architect—None. \$1500

STORES, ETC.

(4854) W TELEGRAPH AVE., 105 N 16th St., Oakland. 6-story concrete stores and loft.
Owner—D. J. Sullivan, 918 Harrison St., S. F.
Architect—J. J. Donovan, Tapscott Bldg., Oakland.
Contractor—Barrett & Hilp, 357 12th St., Oakland. \$90,000

RESIDENCE

(4855) ABOUT 2 MILES NORTH OF the Town of Irvington, Alameda County. All work for 1-story frame residence.
Owner—H. F. Bracher, 643 E Julian, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contractor—A. A. Douglass, 296 N 18th St., San Jose.
 Filed Sept. 16, 1924. Dated Sept. 11, 1924
 Floor joists are on \$1278.75
 When shingled 1278.75
 When plastered 1278.75
 Completed and accepted 1278.75
 Usual 35 days 1705.00
TOTAL COST, \$6820
 Bond, \$3410. Sureties, A. L. Hubbard and Otto E. Schnabel; forfeit, none; Limit, 85 working days; Plans and specifications filed.

(4856) NO. 1735 EUCLID AVE., Berkeley. Dwelling.
 Owner—Japanese Students Club, Bldg. Architect—Mason & Ford, 270 Post St., San Francisco.
 Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley. \$2500

DWELLING (4857) NO. 1309 OXFORD, Berkeley. Dwelling.
 Owner—J. McCarthy, 5208 Shattuck Ave., Berkeley.
 Architect—F. Baumgardner, 155 Howe St., Oakland.
 Contractor—F. Prunfield, 1356 Howe St., Oakland. \$2000

DWELLING (4858) NO. 1114 BONITA, Berkeley. Dwelling.
 Owner—W. Brown, 1114 Grove St., Berkeley.
 Architect—None.
 Contractor—S. R. Cole, 1825 Delaware St., Berkeley. \$5000

DWELLING (4859) NO. 760 EUCLID AVE., Berkeley. Dwelling.
 Owner—Mrs. Blow, 1907 Leavenworth St., San Francisco.
 Architect—None.
 Contractor—Fred Ingram, 1956 University Ave., Berkeley. \$3800

DWELLINGS (4860) NO. 2816 AND 2818 WALLACE St., Berkeley. Two dwellings.
 Owner—J. Fissarino, 5518 San Pablo Ave., Oakland.
 Architect—None. \$2500 each

STORES, APTS. (4861) S E-FOURTEENTH ST., 50 W 12th Ave., Oakland. 2-story 12-room stores and apartments.
 Owner—Elie Ave, Brooklyn French Laundry, Oakland.
 Architect—None.
 Contractor—Fred Hambleton, 3737 12th Ave., Oakland. \$12,000

DWELLING (4862) N E-TWENTY-FIRST ST., 211 E Mitchell St., Oakland. 1-story 5-room dwelling.
 Owner—E. H. Moore, 319 21st St., Oakland.
 Architect—None. \$3500

DWELLING (4863) S E-TWENTY-FIRST ST., 100 E Mitchell St., Oakland. 1-story 2-family dwelling.
 Owner—E. H. Moore, 319 21st St., Oakland.
 Architect—None. \$5000

DWELLING (4864) E 104TH AVE., 200 S Graffian, Oakland. 1-story 6-room dwelling.
 Owner—Laurena M. Cluston, 1230 106th Ave., Oakland.
 Architect—None.
 Contractor—W. Cluston, 1230 106th Ave., Oakland. \$4900

STORE (4865) NW COR. HOPKINS AND PAT-erson, Oakland. 1-story store.
 Owner—W. T. and Mary F. Anderson, 3911 Vale Ave., Oakland.
 Architect—None.
 Contractor—Frigsby Bros., 2520 9th Ave., Oakland. \$4500

DWELLINGS (4866) 6604, 6608 BECK ST., Oakland. Two 1-story 5-room dwellings.
 Owner—D. W. Parks, 2536 63rd Ave., Oakland.
 Architect—None. \$2900 each

DWELLING (4867) S NICOL AVE., 85 N Peralta Ave., Oakland. 1-story 5-room dwelling and garage.

Owner—E. E. Elwood, 1626 Franklin St., Oakland.
 Architect—None.
 Contractor—California Builders Co., 1636 Franklin St., Oakland. \$4200
FLATS
 (4868) S CROFTON AVE., 300 E Fairbanks Ave., Oakland. 2-story 10-room flats.
 Owner—D. A. Finn, 734 39th St., Oakland.
 Architect—None.
 Contractor—Leo J. Dolan, 1402 Franklin St., Oakland. \$8190

TORRES
 (4869) N FOOTHILL BLVD., 170 W Seminary Ave., Oakland. 1-story
 Owner—Laura W. Hudson, San Francisco, Calif.
 Architect—None.
 Contractor—J. J. Baughman, 1627 5th Ave., Oakland. \$3860

DWELLING (4870) N SEVENTEENTH ST., 110 E 27th Ave., Oakland. 1-story 5-room dwelling.
 Owner—K. Jones, 1437 36th Ave., Oakland.
 Architect—None.
 Contractor—P. A. Harris, 2123 Telegraph Ave., Oakland. \$3700

ADDITION (4871) 1501 THIRTY-SEVENTH AVE., Oakland. Addition.
 Owner—Sulmuck Furniture Co., 1501 37th Ave., Oakland.
 Architect—None.
 Contractor—A. J. Flagg, 3046 Seminary Ave., Oakland. \$5500

DWELLING (4872) SE COR. NINETY-FIFTH AVE. and Olive St., Oakland. 1-story 5-room dwelling.
 Owner—D. King, 1974 85th Ave., Oakland.
 Architect—None. \$3000

BUNGALOW (4873) LOTS 36 AND 37, MAP OF Broadway Villa Tract, Oakland. General construction 5-room cement bungalow and garage.
 Owner—E. C. and Alice R. Hauke, Berkeley.
 Architect and Contractor—James V. Krieger, 2324 Peralta Ave., Oakland.

Filed Sept. 16, 1924. Dated Aug. 19, 1924
 When frame is up \$1000
 When brown coated 1000
 When completed 1000
 Usual 35 days 1000
TOTAL COST, \$4000
 Bond, sureties, forfeit, none. Limit, 80 working days from date. Plans and specifications not filed.

(LASS C BLDG. (4874) LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9 AND 28, Blk. 44, Kellersbergers Map of Oakland. General construction of 1-story 2-room class C reinforced concrete stable and garage.
 Owner—R. H. Rasmussen and J. C. Svane, (Santa Fe Express & Drayage Co.), 672 9th St., Oakland.
 Architect—None.
 Contractor—E. T. Leiter & Sons, 1301 West St., Oakland.

Filed Sept. 17, 1924. Dated Mar. 14, 1924.
 When concrete walls poured \$6700
 When roof is complete 3700
 When completed 6175
 Usual 35 days 1250
TOTAL COST, \$24,700
 Bond, \$12,350. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 3 calendar months. Plans and specifications not filed.

CLASS C BLDG. (4875) LOTS 24 AND 25, and W 10 ft. of Lot 23, Blk. 165, Kellersbergers Map of Oakland. General construction 1-story and mezzanine reinforced concrete class C store bldg.
 Owner—Oakland Tobacco Co., (Alfred and Alexis Ehrman), 1117 Franklin St., Oakland.
 Architect—Hutchison & Mills, 1214 Webster St., Oakland.
 Contractor—M. E. Hopper & Sons, 1117 Webster St., Oakland.

Filed Sept. 17, 1924. Dated Sept. 15, 1924
 When concrete frame is poured \$3500
 When brown coated 3500
 When completed 3500

Usual 35 days 3500
TOTAL COST, \$14,000
 Bond, \$7000. Sureties, Globe Indemnity Co. Forfeit, \$15.00 per day. Limit, 54 working days from date. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Sept. 11, 1924—LOT 9 BLK E MAP	Sept. 11, 1924—LOT 9 BLK E MAP
So. Ptn Blake Estate, Berkeley.	So. Ptn Blake Estate, Berkeley.
William M. & Marie R. Haley to	William M. & Marie R. Haley to
whom it may concern. Sept. 11, 1924	whom it may concern. Sept. 11, 1924
Sept. 11, 1924—LOTS 3 & 4 BLOCK E	Sept. 11, 1924—LOTS 3 & 4 BLOCK E
Trumbull Tract, Oakland. Ivan	Trumbull Tract, Oakland. Ivan
& Florence Livingston to Morse &	& Florence Livingston to Morse &
Morrison Co. Sept. 6, 1924	Morrison Co. Sept. 6, 1924
Sept. 11, 1924—E LINE E TWENTY-	Sept. 11, 1924—E LINE E TWENTY-
7th Ave. Ptn Blk 125 Highley's map	7th Ave. Ptn Blk 125 Highley's map
of Clinton, Oakland. Chester S. &	of Clinton, Oakland. Chester S. &
Edna V. Nichols to whom it may	Edna V. Nichols to whom it may
concern. Sept. 8, 1924	concern. Sept. 8, 1924
Sept. 11, 1924—LOT 3 BLK 4 ARLING-	Sept. 11, 1924—LOT 3 BLK 4 ARLING-
ton Villa Sites, Berkeley. Vernon	ton Villa Sites, Berkeley. Vernon
R. Churchill to Mason McDuffie Co.	R. Churchill to Mason McDuffie Co.
..... Aug. 29, 1924	..... Aug. 29, 1924
Sept. 11, 1924—LOT 24 BLK 36 Amend-	Sept. 11, 1924—LOT 24 BLK 36 Amend-
ed Map Fairmont Park, Berkeley.	ed Map Fairmont Park, Berkeley.
R. V. Hanlon to Anderson & An-	R. V. Hanlon to Anderson & An-
derson Sept. 5, 1924	derson Sept. 5, 1924
Sept. 11, 1924—PTN LOTS 43 44 45 46	Sept. 11, 1924—PTN LOTS 43 44 45 46
Blk H Laurel Grove Park, Oak-	Blk H Laurel Grove Park, Oak-
land. H. Vallery to whom it may	land. H. Vallery to whom it may
concern. Sept. 11, 1924	concern. Sept. 11, 1924
Sept. 11, 1924—N SIDE LINCOLN	Sept. 11, 1924—N SIDE LINCOLN
Ave bet. Chapin and Wood Sts.,	Ave bet. Chapin and Wood Sts.,
Alameda. Jesse P. Pond Co. to	Alameda. Jesse P. Pond Co. to
Howard Willford. Sept. 8, 1924	Howard Willford. Sept. 8, 1924
Sept. 11, 1924—1148 FIFTY-NINTH	Sept. 11, 1924—1148 FIFTY-NINTH
St., 5912 Fremont St., Oakland. Ella	St., 5912 Fremont St., Oakland. Ella
C. Schwartz to J. F. White.	C. Schwartz to J. F. White.
..... Sept. 6, 1924	..... Sept. 6, 1924
Sept. 10, 1924—LOT 28 PTN 27 BLK	Sept. 10, 1924—LOT 28 PTN 27 BLK
N Laurel Grove Tract, Oakland.	N Laurel Grove Tract, Oakland.
(3117 Hopkins St.) L. Wilson to	(3117 Hopkins St.) L. Wilson to
whom it may concern. Sept. 10, 1924	whom it may concern. Sept. 10, 1924
Sept. 3, 1924—NE COR. DWIGHT	Sept. 3, 1924—NE COR. DWIGHT
Way & Tel. Ave. 2485 to 2499 in-	Way & Tel. Ave. 2485 to 2499 in-
clusive Telegraph Ave., Berkeley.	clusive Telegraph Ave., Berkeley.
A. K. Bouzos (R. G. Morey) to F.	A. K. Bouzos (R. G. Morey) to F.
T. Kennedy. Aug. 10, 1924	T. Kennedy. Aug. 10, 1924
Sept. 12, 1924—LOT 1 BLK 11 FOURTH	Sept. 12, 1924—LOT 1 BLK 11 FOURTH
Avenue Heights (4536 Park Blvd)	Avenue Heights (4536 Park Blvd)
(Job No. 2), Oakland. Joseph and	(Job No. 2), Oakland. Joseph and
Jessie Ardenly to whom it may	Jessie Ardenly to whom it may
concern. Sept. 8, 1924	concern. Sept. 8, 1924
Sept. 12, 1924—2033 E TWENTY-	Sept. 12, 1924—2033 E TWENTY-
eighth St., Oakland. J. Sexton to	eighth St., Oakland. J. Sexton to
whom it may concern. Sept. 1, 1924	whom it may concern. Sept. 1, 1924
Sept. 12, 1924—2021 E TWENTY-	Sept. 12, 1924—2021 E TWENTY-
eighth St., Oakland. J. Sexton to	eighth St., Oakland. J. Sexton to
whom it may concern. Sept. 1, 1924	whom it may concern. Sept. 1, 1924
Sept. 12, 1924—2027 E TWENTY-	Sept. 12, 1924—2027 E TWENTY-
eighth St., Oakland. J. Sexton to	eighth St., Oakland. J. Sexton to
whom it may concern. Sept. 1, 1924	whom it may concern. Sept. 1, 1924
Sept. 12, 1924—2027 E TWENTY-	Sept. 12, 1924—2027 E TWENTY-
eighth St., Oakland. Ptn Lots 18 &	eighth St., Oakland. Ptn Lots 18 &
19 Blk 92 N Addition to Town of	19 Blk 92 N Addition to Town of
Brooklyn. J. Sexton to whom it	Brooklyn. J. Sexton to whom it
may concern. Sept. 1, 1924	may concern. Sept. 1, 1924
Sept. 12, 1924—LOT 21 BLK J GOLD-	Sept. 12, 1924—LOT 21 BLK J GOLD-
en Gate Trct, Oakland. Frank Nau-	en Gate Trct, Oakland. Frank Nau-
sin to J. T. Kelly. Sept. 2, 1924	sin to J. T. Kelly. Sept. 2, 1924
Sept. 12, 1924—LOT 104 PTN 105 BLK	Sept. 12, 1924—LOT 104 PTN 105 BLK
20 Amended Map of Havenscourt,	20 Amended Map of Havenscourt,
Oakland. Joseph J. Cardoza to Her-	Oakland. Joseph J. Cardoza to Her-
bert Hawkins. Sept. 11, 1924	bert Hawkins. Sept. 11, 1924
Sept. 12, 1924—1229 OXFORD ST.	Sept. 12, 1924—1229 OXFORD ST.
Oakland. Mabel E. Bruce to whom	Oakland. Mabel E. Bruce to whom
it may concern. Sept. 6, 1924	it may concern. Sept. 6, 1924
Sept. 12, 1924—1148 POWELL ST.,	Sept. 12, 1924—1148 POWELL ST.,
Oakland. Virginia F. Davis	Oakland. Virginia F. Davis
& Sprinkling. Sept. 12, 1924	& Sprinkling. Sept. 12, 1924
Sept. 12, 1924—LOT 2 BLK 17 Ha-	Sept. 12, 1924—LOT 2 BLK 17 Ha-
venscourt, Oakland. K. L. Hansen to	venscourt, Oakland. K. L. Hansen to
whom it may concern. Sept. 12, 1924	whom it may concern. Sept. 12, 1924
Sept. 12, 1924—2058 21st and 22nd	Sept. 12, 1924—2058 21st and 22nd
E. Prospect Hill Tract, Oakland.	E. Prospect Hill Tract, Oakland.
W. A. Rehn to whom it may concern	W. A. Rehn to whom it may concern
..... Sept. 12, 1924	..... Sept. 12, 1924
Sept. 15, 1924—ON RIO VISTA 65 ft.	Sept. 15, 1924—ON RIO VISTA 65 ft.
m or 1 E E Piedmont Ave., Oak-	m or 1 E E Piedmont Ave., Oak-
land. W. H. Jones to whom it	land. W. H. Jones to whom it
may concern. July 1, 1924	may concern. July 1, 1924
Sept. 15, 1924—LOTS 129 AND 130	Sept. 15, 1924—LOTS 129 AND 130
Blk. 16, Havenscourt, Oakland.	Blk. 16, Havenscourt, Oakland.
Louis Saroni to C. P. Ford.	Louis Saroni to C. P. Ford.
Sept. 15, 1924—3614 QUIGLEY ST.,	Sept. 15, 1924—3614 QUIGLEY ST.,
Oakland. Mrs. C. P. Fough to M. A.	Oakland. Mrs. C. P. Fough to M. A.
Mullin. Sept. 11, 1924	Mullin. Sept. 11, 1924
Sept. 15, 1924—2548 RIO VISTA	Sept. 15, 1924—2548 RIO VISTA
Ave., Berkeley. G. W. Hale to G.	Ave., Berkeley. G. W. Hale to G.
W. Hale. Sept. 15, 1924	W. Hale. Sept. 15, 1924
Sept. 15, 1924—1621 BROADWAY,	Sept. 15, 1924—1621 BROADWAY,
Oakland. William G. Gilmore to	Oakland. William G. Gilmore to
Barrett & Hilt. Sept. 15, 1924	Barrett & Hilt. Sept. 15, 1924

Sept. 15, 1924—LOT 76, BLOCK 1, Amended Map of Regents Park, Berkeley. Roy L. Denny to A. J. Goss. \$150.00
 Sept. 14, 1924—N LINE OF MO'N' Blad. about 3000 ft NW of NW line of Redwood Road or 35th Ave., Oakland. A. A. Mutchmor to J. Matteson. \$100.00
 Sept. 15, 1924—W SIDE OF MAY-Belle Ave., 100 N. of Masterson St., Oakland. Glenn A. Davis to Glen A. Davis. \$100.00
 Sept. 15, 1924—LOTS 36 and 37, Map of Tinseland Park, Oakland. Felix Soldati to Fred Hamilton. \$100.00
 Sept. 13, 1924—LOT 40 BLK 16, Havenscroft, Oakland. Ray J. Storm to J. F. Patterson. \$100.00
 Sept. 13, 1924—LOT 36 BLK 16, Havenscroft, Oakland. Annie B. Zalka to J. F. Patterson. \$100.00
 Sept. 13, 1924—LOT 13 BLK 52, Property of Alameda Co. Land Co., Oakland. N. J. Rizzo to J. W. McFitt. \$100.00
 Sept. 13, 1924—LOT 7 AND 8 BLK 16, Broadway Terrace, Oakland. Harriet S. and W. R. Harper to whom may concern. \$100.00
 Sept. 13, 1924—NO 1226 CLINTON Ave., Alameda. G. W. Enmons Co. to W. Enmons. \$100.00
 Sept. 13, 1924—LOT 13 Ptn Lots 12 and 14 Blk G, Trumbull Tract, Oakland. A. E. Orton to whom it may concern. \$100.00
 Sept. 13, 1924—PTN LOTS 1 AND 2 Blk G, Ivywood Extension, Oakland. J. W. Sigwald to whom it may concern. \$100.00
 Sept. 13, 1924—LOT 13 Ptn Lots 12 and 14 Blk G, Trumbull Tract, Oakland. A. E. Orton to whom it may concern. \$100.00
 Sept. 13, 1924—PTN LOT 1 BLK G, Ivywood Extension, Oakland. J. W. Sigwald to whom it may concern. \$100.00
 Sept. 13, 1924—LOTS 41 AND 45 and Ptn Lot 3 Blk 1 Map Solano Ave. Terrace, Berkeley. Alma E. Turner to whom it may concern. \$100.00
 Sept. 16, 1924—LOT 5, BLK M, Map of Excelsior Heights, Oakland. Adhiana Jacques to whom it may concern. \$100.00
 Sept. 16, 1924—1800 69TH AVE., Oakland. Frank Freitas to whom it may concern. \$100.00

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Sept. 11, 1924—LOT 11 BLK 21 MAP of Block 21 22 23 & 24 thousand Oaks, Berkeley. Tilden Lumber Co. vs Charles A. Potter, P. E. Maider.	\$152.68
Sept. 8, 1924—LOTS 4 & 5 PTN 6 Hedwood Glen Tract, Oakland. W. H. Ellison vs B. H. Shaw, William J. and Isabella Hamilton, Oregon-California Amusement Co.	\$128
Sept. 12, 1924—LOT 18 MAP NOVA Piedmont 111 Dale Ave., Piedmont. Sanford Sheet Metal Works vs George W. Eliassen.	\$67

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Sept. 11, 1924—SW COR. TWELFTH and Oak, Oakland. Kawner Mfg. Co. to M. F. Smith, Murch-Williams Construction Co.	\$758
Sept. 13, 1924—LOT 5 Dowling Home- stead Tract, Oakland. Rhodes-Jamieson & Co. to Alexander W. Porter.	\$23.85
Sept. 13, 1924—LOT 12 BLK 16, Garden, Oakland. Powells Bros. Inc. to W. J. Watson and C. F. Swain.	\$57.95
Sept. 13, 1924—THE S 23 OF LOTS 1 and 2 and N 75 of Lot 2, BLK 254 Map of Casserly Tract, Oakland. Otis Elevator Co. to Hotel Oaks, W. D. Johnston, Pahmurg Valley Co. Oaks Realty Co., The Pacific Mutual Life Ins. Co., Scottish-Hall Association, G. Delanyo, et al.	\$424.10
Sept. 15, 1924—LOT 10, BLK E, Map Lakewood Park, Piedmont. HON Magnien Co. to N. J. Rizzo & Abokast, J. H. Norlen and A. Grestad.	\$261.59

Sept. 13, 1924—LOT 10 BLK E, Lake- wood Park, Oakland. Tilden Lum- ber & Mill Co., \$538.33 to J. Nelson and A. Grestad. \$538.33
 Sept. 13, 1924—LOT 10 BLK E Lake- wood Park, Piedmont. Oakland Bldg Material Co. to J. H. Norlan, A. Grestad and Ethel Schlason. \$242.97
 Sept. 13, 1924—LOT 10 BLK E, Lake- wood Park, Oakland. W. J. Schwind to J. H. Norlan. \$60

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW and garage, \$5000; Lot 9 Blk 64 Benito Ave., Burlingame; owner, J. C. Campbell.
 GYMNASIUM & dressing rooms, \$3000; Burlingame High School, Burlingame; owner, Burlingame High School.
 RESIDENCE, 2-story, \$7000; Lot 13 Cypress Ave., Burlingame; owner, H. & W. J. Feary, 1408 Chapin Ave., Burlingame.
 RESIDENCE and garage, \$7000; Lot 32 Newland Ave., Burlingame; owner, Anita E. Fitschen.
 BUNGALOW and garage, \$5000; Lot 18 Blk 11 Monteco, Burlingame; owner, C. H. Payne.
 BUNGALOW and garage, \$5000; Lot 5 Blk 1 Hale Drive, Burlingame; owner, Simonds & Simonds.
 ALTER frame dwelling, \$3000; 425 Clark Drive, San Mateo; owner, Wm. T. Porter, 425 Clark.
 ARCHITECT, S. A. Born, 929 Ros- enwood, San Mateo; contractor, S. A. Born, 929 Rosenwood, S. M.
 ALTERATIONS, \$8000; Lot 9 Blk O E St., San Mateo; owner, D. Treasy, 210 Clara St., San Mateo; contractor, C. B. Treasy, 210 Clara St., San Mateo.
 BUNGALOW, \$8000; 197 C Warren and Contra Costa, San Mateo; owner, O. L. Cavanaugh, 256 State St., San Mateo.
 ALTERATIONS, \$6000; 50 West Poplar, San Mateo; owner, H. P. Phillips, 50 West Poplar, San Mateo; contractor, E. Boring, 1420 Bernal Ave., Burlingame.
 GARAGE, \$1000; San Mateo; owner, G. Ellis, San Mateo; contractor, F. Ferreira, 712 5th, San Mateo.
 BUNGALOW, \$2000; Lot 117 Blk 44 N G St., San Mateo; owner, D. Borchers San Mateo.
 BUNGALOW, \$4000; Lot 33 Blk J 14th Ave., San Mateo; owner, Minnie R. Borne, 110 North G St., San Mateo.
 PASSENGER STATION, \$23,000; 2nd and Main St., San Mateo; owner, South- ern Pacific Co., 65 Market St., San Francisco; contractor, Cobby and Owsley, 74 New Montgomery St., San Francisco.
 BUNGALOW and garage, \$5000; Lot 2 Blk 55 Hillside Drive, Burlingame; owner, T. J. Arms.
 BUNGALOW and garage, \$5500; Lot 26 Blk 42 Drake Ave., Burlingame; owner, Thos. M. Gesso, 1200 Van- couver, Burlingame.
 DUPLEX BUNGALOW, \$6000; Lot 10 Blk 24 Rhinette, Burlingame; owner, P. H. Barnett, 1211 Bayswater, Burlingame.
 BUNGALOW and garage, \$5000; Lot 21 Blk 9 Carlos Ave., Burlingame; owner, H. M. Bennett.
 BUNGALOW and garage, \$5000; Lot 35 Blk 9 Columbus, Burlingame; owner, F. S. Carroll.
 BUNGALOW and garage, \$5000; Lot 26 Blk. 10 Farrington, Burlingame; owner, Louis Smaus.
 MOVE HOUSE, \$200; Burlingame Ave to Bayswater, Lot 1 Blk 7, Burlingame; owner, J. C. Cumming.
 ALTERATIONS \$600; 815 Acacia Drive, Burlingame; owner, A. A. Whittier.
 CHURCH, \$9000; Lot 21 Blk. 10 Bays- water, Burlingame; owner, Trustees Baptist Church.
 BUNGALOW and garage, \$4000; Lot 4 Blk. 41 Mills Ave., Burlingame; owner, J. Ottengard.
 MOVE 2-story house, \$1100; Burlingame Ave. to Donnelly, Burlingame owner, Mrs. S. N. Whipple, 1308 Burlingame Ave., Burlingame.
 BUNGALOW and garage, \$6500; Lot 1 Blk 38 Cortez Ave., Burlingame; owner, Gordon C. Hess, 1268 Cortez, Burlingame.

BUNGALOW AND GARAGE, Cost, \$6500; Lot 2 Blk 33 Carmelito Ave., Burlingame; owner, Gordon C. Hess, 1268 Cortez Ave., Burlingame.
 BUNGALOW and garage, \$5000; Lot 30 Blk 40 Cortez Ave., Burlingame; owner, B. Norberg, 1020 El Camino, Burlingame.
 BUNGALOW and garage, \$4850; Lot B Blk 7 Oak Grove Ave., Burlingame; owner, D. Houle, 1224 Bellevue, Burlingame.
 BUNGALOW and garage, \$4850; Lot C Blk 7 Oak Grove Ave., Burlingame; owner, D. Houle, 1224 Bellevue Ave. Burlingame.
 BUNGALOW and garage, \$4850; Lot D Blk 7 Oak Grove Ave., Burlingame; owner, D. Houle, 1224 Bellevue, Burlingame.
 ALTERATIONS \$1500; 1210 Burlingame Ave., Burlingame; owner, Dr. A. L. Offield, 509 Primrose Ave., Burlingame.
 BUNGALOW and garage, \$5000; Lot 3 Blk 62 Hillside Dr., Burlingame; owner, D. M. Cline.
 RESIDENCE, \$3500; Lot 2 Blk 57 North H St., San Mateo; owner, J. H. Clifford, 21 North G St., San Mateo; contractor, J. H. Clifford, 21 North G St., San Mateo.
 ALTERATIONS, \$6000; Lots 31 & 32 2nd Ave., San Mateo; owner, R. Cald- well, 152 Elsworth St., San Mateo; contractor, R. Caldwell, 152 Elsworth St., San Mateo.
 ALTERATIONS, \$1000; 845 Jefferson Court, San Mateo; owner, W. E. Hills, 845 Jefferson Court, San Mateo; contractor, G. Cavanaugh, 256 State St., San Mateo.
 ALTERATIONS, \$2000; Lot 2 Blk 34 north D St., San Mateo; owner, B. Sheehan, 128 So. C St., San Mateo; contractor, Gibson Bros., 38 north E St., San Mateo.
 RESIDENCE, \$3600; Lot 24 Blk I 14th Ave., San Mateo; owner, J. R. Mee- han, San Mateo; contractor, Gib- son Bros.
 RESIDENCE, \$3700; Lot 24 Blk I 15th Ave., San Mateo; owner, Marius Laurensen, 15 no. C St., San Mateo; contractor, Marius Laurensen, 15 north C St., San Mateo.
 BUNGALOW and garage, \$5000; Lot 20 Blk 31 Drake Ave., Burlingame; owner, L. M. Fuller, Burlingame; contractor, Roy Allen, Homestead, Burlingame.
 BUNGALOW and garage, \$4500; Lot 11 Blk 2 San Mateo Drive, Burlingame; owner, Walker & Arm- strong.
 BUNGALOW and garage, \$5000; Lot 4 Blk 67 Haldie, Burlingame; owner, W. C. Fennell.
 BUNGALOW and garage, \$4000; Lot 3 Blk 62 Hillside, Burlingame; owner, C. F. Peters.
 BUNGALOW and garage, \$4000; Lot 24 Blk 8 Paloma Ave., Burlingame; owner, Chriss Sorensen.
 BUILDING, brick construction, \$14,000 Lot 30 Blk 16 Broadway, Burlingame; owner, Daniel Bros.; archi- tect, O'Brien Bros., 315 Montgo- mery St., S. F.; contractor, Vukice- RESIDENCE, \$10,000; Hurlingham Ave Lot 43, San Mateo; owner, J. E. Mc- Curdy, 307-B San Mateo; contrac- tor, Leadley & Wiseman, 207 2nd San Mateo.
 RESIDENCE, \$10,000; Laurel Ave. Lot 1 Glazenwood, San Mateo; owner, S. A. Born, 925 Rosendown Dr., San Mateo; architect, W. H. Toepeke, 914 Laurel, San Mateo.
 ALTERATIONS, \$3800; Lots 42 & 43 Blk 2 San Mateo; owner, Helen C. Roach, 16 El Camino Real, San Ma- teo; contractor, Jacob Echling, 1106 3rd Ave., San Mateo.
 CHURCH BUILDING, \$6000; Lot 16 Blk 6 Griffith, San Mateo; owner, Grace Lutheran Church, contractor, H. T. Holsher, 325 Elm St., San Mateo.
 BUILDING, frame, \$5000; Lot 8 Blk 8 5th Ave., San Mateo; owner, G. Watley, 536 South E St., San Mat- eo; contractor, E. S. Shaver.
 BUNGALOW and garage, \$5000; Lot 18 Blk 60 Easton, Burlingame; owner, Frank Ferreira, 712 5th, San Mateo.
 BUNGALOW and garage, \$5000; Lot 4 Blk 36 Bayswater, Burlingame; owner, D. M. Cline.

BUNGALOW and garage, \$4500; Lot 14 Blk B Sanchez, Burlingame; owner, C. E. McClain, 720 Farrington, Burlingame.
 BUNGALOW, \$3000; Lot 24 Blk 2 First Ave., Burlingame; owner, P. H. Herzog.
 BUNGALOW, \$5000; Lot 19 Blk 40 Cortez Ave., Burlingame; owner, E. J. Hargrave; contractor, E. J. Hargrave.
 BUNGALOW, \$5000; Lot 4 Blk 15 Laguna, Burlingame; owner, C. J. Hooper; contractor, Hurst.
 BUNGALOW, \$5000; Lot 14 Oak Grove, Burlingame; owner, Ivar D. Peterson, 731 Laurel, Burlingame; contractor, Ivar D. Peterson.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
 Sept. 5, 1924—LOT 4 BLK 6 BURLINGAME Park No. 2, Burlingame. Mary Weir to whom it may concern Aug. 3, 1924
 Sept. 5, 1924—LOT 25 BLK 37 EASTON No. 2 Burlingame. George W. Williams to whom it may concern Sept. 4, 1924
 Sept. 5, 1924—SW 80 FT OF LOT 1 Blk 19 San Carlos, Mercantile Trust Co. to E. E. Urch Aug. 29, 1924
 Sept. 5, 1924—LOT 4 BLK 4 BURLINGAME Grove, Burlingame. Elsie L. Warnock to whom it may concern Sept. 5, 1924
 Sept. 8, 1924—LOT 15 SELBY PARK Sub Atherton. J. M. Dickey to whom it may concern Sept. 6, 1924
 Sept. 8, 1924—PARTS OF LOTS 12 & 13 Glazenwood, San Mateo. Chas. H. Seymour to S. A. Born Bldg. Co. Sept. 6, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
 Sept. 8, 1924—LOT 9 BLK 7 Lomita Park. San Bruno Lumber & Supply Co. vs A. Toluboff et al. \$398.32
 Sept. 8, 1924—LOT 2 BLK 10 EASTON Add. Burlingame. Sydney Britton vs John H. Dore et al. \$188.15
 Sept. 5, 1924—LOT 2 BLK 10 EASTON Add. Burlingame. Oscar Carlson vs John H. Dore et al. \$225

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
 Sept. 8, 1924—10 ACRES adjoining Alum Rock Park. San Jose Sunset Lumber Co. to Florence Burke \$154.85
 Sept. 10, 1924—PART BLK 4 North Range 1 E. Town of Santa Clara. Sunset Lumber Co. A. F. & Refina Gonsalves \$81.10

BUILDING CONTRACTS

SACRAMENTO COUNTY

MOVE two buildings, \$3500; No. 1130 J St. to 324-330 E. St., Sacramento; owner, Mrs. O. O. Edwards, 2114 23rd St., Sacramento; contractor, J. A. Saunders, 2810 I St., Sacto.
 DWELLING, 5-room and garage, \$4689 No. 2641 5th Ave., Sacramento; owner, E. Pressey, 1806 T St., Sacramento; contractor, G. L. Danger, 1300 37th St., Sacramento.
 SHED, \$1500; No. 3016-3022 Q St., Sacramento; owner, Glenn Dairy, Frem contractor, Holdener Constr. Co., 2608 R St., Sacramento.
 DWELLING, 5-room and garage, \$3800; No. 616 36th St., Sacramento; owner, G. W. Erige, 2193 J St., Sacramento; contractor, Thos. B. Hunt.
 DWELLING, 5-room and garage, \$3000 No. 1109 34th St., Sacramento; owner, A. Ferreira, 1805 J St., Sacramento; contractor, J. Pescoe & Bros.
 DWELLING, 6-room and garage, \$5000; No. 2700 6th Ave., Sacramento; Owner, Watson & Bennie, 2719 5th Ave., Sacramento.

DWELLING, 5-room and garage, \$3850; No. 709 36th St., Sacramento; owner, E. A. Corum, 2433 Portola Way, Sacramento.
 FLATS (2) 4-room and garage, \$9000; No. 9405 36th St., Sacramento; Owner, W. N. Hill, 1204 Dolores Way, Sacramento; contractor, N. H. Lund, 4708 14th Ave., Sacramento.
 DWELLING, 6-room and garage, \$4500 No. 625 San Miguel Way, Sacramento; owner, L. B. Keller, Nicolaus Bldg., Sacramento; contractor, E. W. Groves, Del Paso Heights, Sacramento.
 FLATS, (4) 4-room and garages, \$12,000; No. 2712 H St., Sacramento; owner, A. Giddings, 2227 J St., Sacramento; contractor, W. R. Saunders, 2614 I St., Sacramento.
 APARTMENTS (6) and garages, \$17,000; No. 720 13th St., Sacramento; owner, Mrs. J. Harmson, 1233 H St., Sacramento; contractor, W. R. Saunders, 2614 I St., Sacramento.
 DWELLING, 6-room and garage, \$4400; No. 3630 Downey Way, Sacramento; Owner, Jas. Marry, 5th St., bet. J and K Sts., Sacramento; contractor, R. L. Hathaway, Cor. L. A. and Sacramento Blvd., Sacramento.
 DWELLING, 5-room and garage, \$4500; No. 2709 7th Ave., Sacramento; owner, W. E. Truesdale, 2116 H Ct., Sacramento.
 DWELLING, 7-room and garage, \$4000; No. 3732 T St., Sacramento; owner, W. A. Hall, 1525 18th St., Sacto.

RAISE and install flats, \$2500; No. 3131 L St., Sacramento; owner, J. Sambo, 441, Fremont; contractor, Brown & Metz, 330 18th St., Sacramento.
 GENERAL repairs on Land Hotel, \$3000 No. 930 K St., Sacramento; owner, Clyde Brand, Capital National Bk. Bldg., Sacramento; contractor, McChilray Constr. Co.
 DWELLING, 5-room and garage, \$2500 3883 8th Ave., Sacramento; owner, G. W. Kopp, 1514 15th, Sacramento.
 DWELLING, 5-room, \$3850; 1308 36th, Sacramento; owner, W. Stone, 5020 O. Sacramento; contractor, J. A. Saunders, 2810 I, Sacramento.
 BUS BLDG. & FLATS, \$7500; 3841 E. Sacramento; owner, J. W. Thielens 1001 E. Sacramento; contractors, Hernando, Finnigan 1814 17th, Sacramento.
 DWELLING and garage, 4-room, \$3000 1423 32nd, Sacramento; owner, A. Keating, 4028 Sherman Way, Sacramento; contractor, W. M. Smith.
 DWELLING and garage, 5-room, \$4000 1417 32nd, Sacto., owner, R. M. Smith, 4028 Sherman Way, Sacramento.
 DWELLINGS & garages, (2) 4-room each, \$2700 each; 1513 & 1528 33rd Sacramento; owner, F. H. Bell, 656 42nd, Sacramento.
 DWELLING and garage, 5-room, \$3400 665 41st Sacramento; owner, Z. C. Hook, 2228 H, Sacramento; Contractor, J. McGuire Co., Box 762, Sacramento.
 APARTMENTS, 3 4-room and 3 5-room, \$17,000; 710 12th, Sacramento; owner, J. Harmson, 1233 W. M. Sacramento; contractor, W. R. Saunders, 2614 I, Sacramento.
 DWELLING, 5-room, and garage, \$3850 709 36th, Sacramento; owner, E. A. Corum, 2433 Portola Way, Sacramento.

FLATS, 2 4-room, \$7000; 940 36th, Sacramento; owner, W. N. Hill, 1204 Dolores Way, Sacramento; contractor, N. H. Lund, 4708 14th Ave., Sacramento.
 DWELLING, 5-room brick, and garage, \$5800; owner, F. Malony, 3127 T, Sacramento
 DWELLING, 5-room, and garage, \$4438 1857 Discovery Way, Sacramento; owner, R. Penk, 2204 50th Sacramento; contractor, F. Malony, 3127 T, Sacramento.
 DWELLING, 6-room and garage, 913 Sanoma Way, Sacramento; owner, L. Thomas, 2000 E. Sacto; contractor, H. Hendren, 3125 Donner Way, Sacramento.
 DWELLING, 6-room, and garage, \$5100 1225 47th, Sacramento; owner, W. O. R. Hare, 1421 17th Sacramento; contractor, H. Hendren, 3125 Donner Way, Sacramento.
 DWELLING, 5-room, and garage, \$5600 1615 24th, Sacramento; owner, E. E. Sydenstricker, 1010 27th, Sacramento.
 DWELLING, 5-room and garage, \$2800 2601 17th, Sacramento; owner, H. Smith, 2590 17th, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
 Sept. 4, 1924—S 40 FT. OF N 160 FT. of Lot 1815 Portola Terrace, Sacramento. William T Martin to whom it may concern August 7, 1924
 Sept. 5, 1924—LOT 1923 W & K Tet 21, Sacramento. Lenore E. Calkins to whom it may concern August 7, 1924
 Sept. 6, 1924—LOT 1820, Elmhurst. William A Hall to whom it may concern Sept. 5, 1924
 Sept. 6, 1924—LOTS 8 AND 11 BLK 34 University Park. San Jose. Lloyd J Allen to whom it may concern Aug. 22, 1924
 Sept. 11, 1924—S MARTIN AVE., bet. The Alameda and Sequoia Aves., and known as No. 2 Martin Ave. San Jose. A Golden and M Atlas to whom it may concern Aug. 1, 1924
 Sept. 10, 1924—ON 2760-2800-2870 and 6280 sq. ft. Alston. Gardiner Imp Co to whom it may concern Sept. 8, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
 Sept. 11, 1924—LOT 50 CASITA TCT. Cap Sand & Gravel Co. vs Herbert X. Hale \$51
 Recorded Amount
 Sept. 10, 1924—LOTS 9 AND 10 BLK 19. So. Sacramento Addition. E M Miller vs J W Newhart \$266.82

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

HEATING
 STOCKTON HIGH SCHOOL, Stockton. Heating plant for auditorium building and boys' gymnasium. Owner—Board of Education Stockton High School District, Ansel S. Williams, Sec.
 Architect—Louis S. Stone, Channel & California Sts., Stockton.
 Contractor—E. E. Gnekow, 647 E. Main St., Stockton.
 Filed Sept. 12, '24. Dated Sept. 12, '24. TOTAL COST, \$9837
 Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.
 DWELLING, \$2600; No. 819 S-Lincoln St., Stockton; owner, J. Antons; contractor, A. L. Lindberg, 448 N. American St., Stockton.
 DWELLING and garage, \$4400; No. 412 E-Montery St., Fresno; owner, K. A. Hoffman; contractor, Salfeld Bros., 312 E. Sonoma Ave., Stockton.
 DWELLING, 2-story and garage, \$5000; No. 1848 N-Channel St., Stockton; owner, John Ramsey.
 DWELLING and garage, \$5000; No. 1220 W. Acacia St., Stockton; owner, G. W. Donaldson.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
 Nevada City, Reno

SACRAMENTO OFFICE
 ROSS E. PIERCE, Manager
 905 SIXTH STREET

ADDITION. \$3000; No. 1040 E-Church St., Stockton; owner, Peabody Milling Co., Promises

BATHHOUSE and locker room, \$3000; No. 3501 N-Madison St., Stockton; owner, College of the Pacific, Prom.

REMODELING, \$2400; No. 647 E-Sonoma St., Stockton; owner, Mrs. Sophia Robinson; Promises; contractor, T. E. Williamson, San Juan and W-Park Ave., Stockton.

RESIDENCE and garage, \$500; No. 520 W-Harding Way, Stockton; owner, F. R. Zinck, 1920 N-Center St., Stockton.

RESIDENCES (2) and garages, \$3200 each; No. 311 W-Anderson and 1011 S-Monroe St., Stockton; owner, J. Schwartz, 941 S-Center St., Stockton.

WALSHOUSE, \$2000; No. 323 Market St., Stockton; owner, Lafayette Syndicate; contractor, Carl Nelson, Lindsay and American Sts., Stockton.

PAVING and garages, \$1500; No. 1358 North Pershing St., Stockton; owner, Morgan Sanborn, 3432 E-Maple St., Stockton.

PAVING (2), \$1000 each; No. 721-723 South Lincoln St., Stockton; owner, M. Weinstein.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Sept. 6, 1924—LOT 10 BLK 28, Victory Pl. & Terrace, Stockton. Lee A. Shepherd to V. D. Vaio. Sept. 4, 1921

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Sept. 12, 1924—67 ACRES out of the 100 acre tract in E 1/4 of Sec. 35 T. 3, N. R. 9 E same as purchased April 13, 1923, from Fred C Van Nader, Stockton. S. J. Purviance vs G. Garavano and M. Mofco. \$139.50
Sept. 12, 1924—67 ACRES out of the 100 acre tract in E 1/4 of Sec. 35 T. 3, N. R. 9 E same as purchased April 13, 1923, from Fred C Van Nader, Stockton. B. R. Purviance vs G. Mofco. \$340.50

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, \$3000; No. 1959 F St., Fresno; owner, L. Rogers; contractor, L. Russo, Whites Bridge, Fresno.

DWELLING, \$3500; No. 1527 Harvey Ave., Fresno; owner, R. W. Springfield and M. R. Linkous, 1245 Broadway; contractor, W. P. Snare, Fountain Way, Fresno.

STORE building, \$7000; No. 1380 E St., Fresno; owner, P. Orlando, 1386 E St., Fresno; contractor, Jas. Romano, 1428 D St., Fresno.

HALL, \$5000; No. 840 Fresno St., Fresno; owner, Greek Community of Fresno; contractor, A. G. Lampasas, 607 Fresno St., Fresno.

DWELLING, \$1950; No. 1738 F St., Fresno; owner, C. Patterson; contractor, Carmen & Berry, 25 Myers St., Fresno.

DWELLINGS (2), \$1950 each; No. 716 Waterman St.; 827 Collins St. and 737 Pottle St.; Fresno; owner, K. E. Heights Co.; contractor, C. E. Buckmaster, 4044 Kerckhoff St., Fresno.

ALTERATIONS, \$1000 No. 2033 Fresno St., Fresno; owner, C. H. Craft, 2025 White St., Fresno.

DWELLINGS (2), \$2500 each; No. 914-918 Safford St., Fresno; owner, Carl Gustafson, 840 Roosevelt St., Fresno.

DWELLING, \$2500; No. 236 Oleander St., Fresno; owner, K. Yeghoian.

ALTERATIONS and additions, \$2000; No. 1225 Poplar Ave., Fresno; owner, K. O. Kesler Co., 1616 Van Ness Ave., Fresno.

DWELLINGS (2), \$2000 each; No. 3867 and 3869 Nevada Ave., Fresno; owner, A. C. Compton, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Sept. 5, 1924—REEDLEY. Reedley Joint Elementary School Board to Max Bennett, Aug. 26, 1924; Valley Electric Supply Co., Aug. 25, 1924

Sept. 6, 1924—REEDLEY. Reedley Joint Elementary School Board to Pacific Electric Time Clock Co., Sept. 2, 1924

Sept. 8, 1924—LOTS 13 AND 14 BLK 2, Oshorn Tract, Fresno. A F Lambert to whom it may concern. Sept. 8, 1924

Sept. 10, 1924—LOTS 42 AND 43, J. C. Forkner F-G Sub. No. 1, Fresno. Alfred D Goldsmith to whom it may concern. Aug. 30, 1924

Sept. 11, 1924—S 1/2 LOT 17, Griffith Villa Addition, Fresno. Robt E McNickle to whom it may concern. Aug. 20, 1924

Sept. 11, 1924—LOTS 71 & 72, North Park Extension, Fresno. Chas K Tutunjian to Cowan & Mitchell. Sept. 10, 1924

Sept. 13, 1924—LOT 16 BLK 8, Hazelwood, Fresno. G Steinert to whom it may concern. Sept. 10, 1924

Sept. 10, 1924—LOTS 20 AND 21 BLK 1, High Addition, Fresno. Geo W Wood to whom it may concern. Sept. 12, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Sept. 6, 1924—LOT 3, Robinson Tract No. 2, Fresno. J R Wright vs Victor E Laisne. \$59

Recorded Amount
Sept. 10, 1924—LOTS 1, 2 AND 3 BLK 2, Villa Add, Fresno. Fisher Glassford Hardware Co vs Nellie M Farnum and E S Melchionni. \$55

Sept. 13, 1924—LOTS 15 & 16, Priard Place, Fresno. Iver Hansen vs Krikor Yeghoian. \$111

BUILDING CONTRACTS

SANTA CLARA COUNTY

HEATING SYSTEM
TO BE ERECTED ON HAMILTON ST near Hale, and to be placed about 50 ft. back on the lot. Installing heating system for 2-story residence.

Owner—G. D. Clark, 263 Churchill, Palo Alto, Calif.

Architect—Warren Skillings, G. C. Bk. Bldg., San Jose.

Contractor—Thomas Day Company, 725 Mission St., E.

Filed Sept. 11, 1924. Dated Sept. 6, 1924.

Roughed in \$939.50
Completed and accepted 1000.00
TOTAL COST, \$1939.50

Bond, Forfeit, Limit, none; Plans and specifications filed.

SHOPS

A PLOT OF GROUND ON THE N SIDE of High School between Union Avenue and Lytton Ave. being numbers 411, 415 and 419 High St., Palo Alto. All work for 3 shops and garage.

Owner—Mrs. A. L. Byrbee and Mrs. S. A. Clark, Palo Alto.

Architect—Eugene M. Clark, 310 University Ave., Palo Alto.

Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.

Filed Sept. 11, 1924. Dated Sept. 5, 1924

As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$9312

Bond, \$4700; Sureties, W. F. Grap, Z. T. Torning, Forfeit, none; Limit, 60 days; Plans and specifications filed.

COTTAGE

390 SOUTH TWELFTH STREET, San Jose. All work for 1-story frame cottage.

Owner—Miss A. Lamoureux, 102 N-14th, San Jose.

Architect—None.

Contractor—Robert B. Gray, 715 South 5th St., San Jose.

Filed Sept. 12, 1924. Dated Sept. 8, 1924

Frame up \$1000
First coat plaster on 1000

Completed and accepted 1040
Usual 35 days 1000
TOTAL COST, \$2040

Bond, \$2000; Sureties, J. S. Fillmore; Forfeit, none; Limit, 45 working days; Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Sept. 12, 1924—PORT LOTS 20 21 22 23 41 42 Blk 1 Burrell Park, San Jose. Walter Altevogt and Katherine M Altevogt to whom it may concern. Sept. 11, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Sept. 10, 1924—BEG. ON E LINE OF First St. on point dividing Lots 3 and 6 Blk 4 R 2 S Th N 68.92x100, San Jose. E Levin vs Susanna C and Charles E Hablutzl and Sarah Ann Cory and Benjamin C Ledyard. \$103.13

Does it Pay to Advertise?

Does it pay to advertise? Mr. O. C. Barrymore, sales manager of the Golden Gate Building Material Company of this city says it does. In proof, he tells one of the romances of business, out of the experience of the United States Gypsum Company, whose gypsum plaster he recommends to builders of all types of building.

Plaster is a harder sort of material to advertise, because it cannot be identified. That is, all plasters look alike, good as well as bad. Plaster is not a distinctive product.

One of the problems of the plaster manufacturers is to make a product of fine grind. The finer the grind, the more particles enter solution; the more sand it will carry; the farther and easier it will spread; the greater will be its cementitious value. Several years ago the United States Gypsum Company worked out a formula for a fine-ground, far-spreading, hard-wall, fire-resistive, economical gypsum plaster. It made, in short, a distinctive product.

But it looked like any other plaster. How to give it a distinctive appearance was the next problem. Necessity showed the way. Because of the finer grind, this new plaster had more bulk than other kinds. A bag that held 100 pounds had to be a bigger bag. But the company had on hand \$30,000 worth of jute bags. To avoid throwing them away, someone suggested sewing an additional strip on the top of each bag. That was done, and red jute was used for the strips to indicate the greater bulk. Instantly, the plaster so packed became known as "red top."

That was distinctive enough! The company began to feature this "red top" as a "distinctive plaster in a distinctive package." It took. Now owners who want a quality-product to finish their walls simply ask for "red top." The moral is brief: Does it pay to advertise? Mr. Barrymore "will tell the world" it does. His warehouse here is well stocked with this gypsum plaster that makes enduring walls economically.

PLANT EXPANSION

Construction of a one-story concrete and brick warehouse at Tenth and Bryant streets, San Francisco, will be started at once for the American Rolling Mill Company of California. The structure will cover a ground area of 142 by 155 feet and will be 25 feet in height. The estimated cost is placed at \$55,000.

GLASS



A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints

Rubber Cement Floor Paint

Concreta

Washable Wall Finish

Pioneer Shingle Stains

Porch and Step Paint

Decoret (Varnish Stain)

Silkenwhite Enamel

Fuller Oil Stains

Factory White Enamel

Fullerwear Spar Varnish (for
inside and outside)

15 For Floors Varnish

40 For Finishing Varnish

Floor Wax

Conqueror Paint and Varnish

Remover

Pioneer White Lead

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street

San Francisco

Phone SUTTER 4400

Fuller Branches

OAKLAND
SACRAMENTO
STOCKTON
FRESNO

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PASADENA
LONG BEACH

SAN DIEGO
SANTA MONICA
SAN BERNARDINO
SANTA ANA

PORTLAND
BOISE
WALLA WALLA
SALT LAKE CITY

SEATTLE
TACOMA
SPOKANE
YAKIMA



Publication Office
918 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 27, 1924

Published Every Saturday
Twenty-fourth Year No. 39

Schumacher

Office
210 American Bank Building, S. F.

*Permanence
Economy*

Wall

Warehouses

San Francisco Oakland
San Rafael

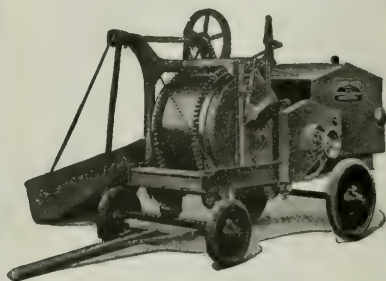
*Appearance
Comfort*

Board

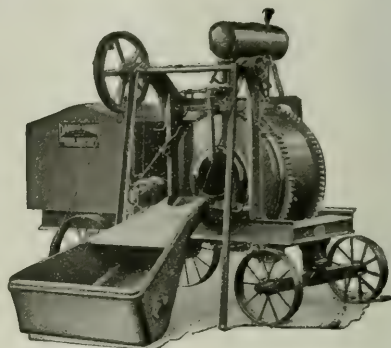
For Sale by All Lumber and Building Material Dealers

KOEHRING

DANDIE Light Mixer



Dandie with steel disc wheels and solid rubber tires; power charging skip, water tank and gasoline engine.



Dandie with steel trucks; power charging skip, water tank and gasoline engine.

EQUIP it to your special needs. Rubber tires to save the time waste of between-job hauls, and to expand your working territory. *Light duty hoist. Low charging platform or power charging skip. Automatic water-measuring tank.*

Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

—no—but the most remarkable value of all light mixers—and still within the range of light mixer prices.

CAPACITIES

4 and 7 cu. ft. mixed concrete, steam or gasoline power. May be equipped with power charging skip or low charging platform with hopper, light duty hoist, automatic water measuring tank. Mixes mortar as well as concrete.

KOEHRING COMPANY

Pavers, Mixers, Cranes, Draglines, Power Shovels
MILWAUKEE, WISCONSIN

DANDIE MIXERS IN STOCK WITH RUBBER TIRED WHEELS

Harron, Rickard & McCone Co.

SAN FRANCISCO

LOS ANGELES

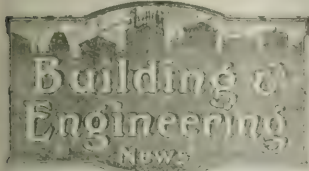
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 27, 1924

Twenty-fourth Year No. 39



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AN ENGINEERING DUTY

The engineer has created modern industry, has been responsible for a production of goods that in this country is substantially sufficient, if other factors were in accord, to establish the universal comfort and well-being that the race has sought since the beginning. But the engineer has been so intent upon devising means for production, upon improving the quality of product and of managing the men and tools of production to secure the maximum results that he has failed to develop his ability and to establish his position in the other leading factors of life, to which he is entitled by virtue of his part in production and the resulting welfare.

One of the greatest causes of unrest on the part of the worker lies in his lack of understanding of the value of the other factors necessary between the basic raw materials and the consumer of goods. The engineer in his present position of impartial technician, ought to be the agency to determine what should be the difference between the cost of production and the cost to the consumer, of exposing the truth and righting the errors and abuses now existing, then of showing labor what is its just portion.—From the address delivered by John Lyle Harrington, when he retired as president of the A. S. M. E. in 1923.

A. G. E. FAVORS OPEN PAVING SPECIFICATIONS

Southern California Chapter, Associated General Contractors of America, went on record at its regular meeting Sept. 11 at Paulais in favor of open specifications for street paving in Los Angeles, holding that "patented pavements restrict free and open competition." Considerable discussion preceded the adoption of a resolution setting forth the view of the Chapter, but the action was unanimous. Following is the resolution:

Whereas, The city council of the city of Los Angeles is considering the adoption of specifications relative to street paving work; and

Whereas, The question as to whether or not patented pavement specifications should be included in the new specifications; now, therefore, be it

Resolved, That the Southern California Chapter of the Associated General Contractors of America believe that pavement of equal quality can be secured without the payment of royalties; and furthermore believe that the specifications requiring the use of patented pavements restrict free and open competition and that patented paving specifications as such should be eliminated.

The paving question came up on presentation of a request from the Los Angeles traffic commission for an expression of opinion from members of the A. G. C. A similar request had been sent to Los Angeles Section, American Society of Civil Engineers, it was stated, the commission desiring to have the views of both engineers and contractors. A revision of the city street specifications is now pending before the city council, the city engineer having recommended open specifications.

ROAD WORK COMMENDED

One of the largest gasoline tax reconstruction jobs contracted by the state to date was the laying of thirteen and three-tenths miles of pavement on the reconstruction of the upper Sacramento-Stockton road in the vicinity of Elk Grove, says A. E. Loder, highway engineer of the California State Automobile Association, in the current issue of Motor Land, Pacific Coast magazine of motoring. This section of pavement is one of the smoothest-riding in the state, as proven by the vialog, an instrument now used by the state for measuring and recording the vibration and total roughness of a section of pavement. The instrument is attached to a vehicle and driven over the road. The total vibration per mile was found to be only twelve inches. The New York State Highway Department, says Loder, which uses this same instrument in its specifications for surface finish, considers a road satisfactorily smooth with as much as one hundred fifty inches total vibration per mile as recorded by the vialog.

Exports of iron and steel from the United States during July amounting to 138,845 long tons was 16 per cent less than the monthly average for the first six months of 1924, while the imports amounting to 30,140 tons was only 63 per cent of the average for the six months, according to Luther Becker, chief of the iron and steel division of the department of commerce.

OUTLOOK GOOD FOR BALANCE OF 1924

The current issue of the National Bulletin of the Association of Building Trade Employers, Cleveland, Ohio, says:

The passing of Labor Day marks the beginning of a new construction period, and it is therefore advisable to look into the future of the industry for the remaining four months of the year. The summer months usually show a slight let down in the industry, but the first of September invariably brings a resumption of activities. Conditions are more stable now than they have been any time this year. No marked wage fluctuations either upward or downward are in sight. The material market is operating on an even keel and there is every reason to believe that there will not be much deviation from present prices during the balance of the year. Many investors have been waiting for assurance that building costs have been stabilized and undoubtedly the next few weeks will bring out a large number of projects which were held up during the early part of the season. Conditions in other lines are rapidly improving. The American farmer is in a better position today than for some time past. It is estimated that the value of crops this year exceeds that of last year by \$700,000,000. Four lines of manufacturing, namely, iron and steel, motors, textile, and leather are rapidly returning to normal conditions. Money is plentiful and interest rates are low. Taking all these various phases into consideration it becomes evident that for the balance of 1924, at least, conditions in the construction industry will be good.

HIGHWAY COMMISSION AWARDS BRIDGE AND ROAD CONTRACTS

The California Highway Commission awarded contracts for paving 1.7 miles of the Chico-Orland lateral and for the construction of seven small bridges and a weir across Pit River, near Beiber, Lassen County, on the Redding Alturas lateral.

The paving contract was awarded to the Chico Contracting Company for \$32,903.50 against an engineer's estimate of \$37,976. It will be of the asphalt concrete type, twenty feet wide.

The Beiber bridges will be constructed by the firm of Horn, Hart and Savage, of Red Bluff, who bid \$50,067.54 against an engineer's estimate of \$64,331.

Butte County will recompense the state for approximately half of the cost of the Chico paving and Lassen County will repay the state for the Beiber bridges over a period of two years.

1923 LIME SALES

The Lime sold in the United States in 1923, as recorded by the Geological Survey, Department of the Interior, amounted to 4,069,830 short tons, valued at \$39,934,707, an increase of 12 per cent in quantity and 20 per cent in value over 1922. Lime sold for construction work increased 15.5 per cent, that sold for chemical use 16 per cent, and that sold for liming land decreased 14 per cent. Hydrated lime, which is included in the total given, increased 10 per cent.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

"Conditions in the construction industry are now more stable than they have been at any time since the end of the war," says A. W. Dickson, executive secretary of the National Association of Building Trades Employers. Continuing he says, "There are a immediate prospects of wages increase being demanded by men in the building trades and present rates will undoubtedly prevail for the balance of this year. The apprenticeship training movement which began some little time ago has spread until it now covers the entire country and thousands of boys are helping to relieve the labor shortage. Every craftsman in the industry is employed, but no cities report a labor shortage at this time. It is unlikely that there will be any appreciable slowing up during the coming winter, since the building public in general has learned that under modern methods of construction, work can be conducted during the cold months just as economically as it can during warm weather. Material manufacturers do not anticipate any very serious change in material costs during the balance of the year. In many lines recent plant expansions have made it possible for the manufacturers to take care of the increased business in an expeditious manner, this is especially true in the case of brick and cement. The railroads are in better position now than ever before to handle building material shipments and it is very rarely that a job is held up awaiting receipt of materials. Contractors as a whole through their experience of the last two or three years in handling an ever increasing volume of work have adopted better business methods and are now able to successfully meet a situation which before the war would have left them helpless."

One billion minutes have elapsed since the birth of Christ, but 1,560,000,000 barrels of cement were used in the United States in the past twenty years, according to a statement made by President Affleck of the Universal Portland Cement Co. before the recent convention of the American Concrete Institute, an organization of architects, engineers, contractors and other builders. The speaker declared, in illustrating the enormous amount of concrete used, that in the past twenty years this industry might have supplied material for a solid concrete monument similar to the Washington monument, which would have been 1,845 feet square at the base and 16,529 feet high. Even if it went down to bed rock for foundation, the question was raised whether any spot on the earth could sustain so heavy a concentrated load. "There were 1,560,000,000 barrels of cement used during this period," Mr. Affleck declared. "And as cement is used for making concrete and as concrete is permanent, nearly all this concrete still continues to serve a useful purpose. Unlike most products it is used but not consumed. Similarly, all the wages, labor, quarrying, transportation and financing represented in concrete construction become permanent contributions to the country's social and industrial progress."

A somewhat novel idea to encourage home building has just been inaugurated by the town of Radville, Sask. The council has decided to give a residential building lot, entirely free, to any prospective builder who agrees to build a house of a value not less than \$800 within twelve months of making the application. As soon as the residence is completed, the town will grant title to the lot, the only cost to the owner being the cost of transfer. The town has acquired a number of good lots through non-payment of taxes and has decided on the above plan rather than have them on their hands any longer.

Construction work hereafter in Houston, Texas, will proceed regardless of whether it is done by union or non-union men, according to a statement recently issued by the Board of Directors of the Associated General Contractors of America, Houston Chapter. The report states that during the last 5 weeks, work has been tied up on account of jurisdictional disputes between the trades and that for the past 12 months numerous strikes have been called for the same reason. Relative to the question of collective bargaining, the report says, "We have no objection to collective bargaining or to working a craft intact upon a specific job, but we do object to and will countenance no further sympathetic strikes and affiliations which serve no purpose except one of discord and controversy. We expect in the future to man our jobs as we see fit, taking into consideration the economic feature and the time phase."

The United States Steel Corporation and other concerns affected have notified the federal trade commission that they will conform "insofar as it is practicable to do so" to the commission's order directing abandonment of the Pittsburgh-plus system of establishing prices. The decision was made public by the commission, the respondents having determined to conform "without admitting the validity of said order or the jurisdiction of the commission to make the same."

In the opinion of James A. Baird, President of the Fuller Company, the solution of the apprenticeship training problem lies largely with the architect. Baird suggests that the American Institute of Architects outline a practical field training plan for apprentices to be called, "The Institute Plan," and then see to it that each set of specifications leaving an architect's office contains the following clause, "The contractor and each sub-contractor shall employ the maximum number of apprentices permissible under the trade regulations, the said apprentice to be trained under the Institute Plan."

Eldon J. Daly, manager of the Ketchikan Spruce Mills at Ketchikan, Alaska, announces company will expend \$150,000 in improvements to what is already known as the largest sawmill in Alaska. A new mill, electrically powered, and a large dock is included in the improvements. Steam power equipment will be installed to drive the generators for the plant.

As proof of the contention of the United States Department of Commerce, that building construction is feasible the year round, is the statement of a large general contracting company in New York that during the ten-year period, 1913-1923, its average lost time during winter on account of weather conditions amounted to only 11 days annually.

ALONG THE LINE



Small towns throughout the state that have had difficulty in keeping up their road work and constructing new thoroughfares will be benefited by a decision handed down by Attorney General U. S. Webb, who rules that a county may contribute from its county motor vehicle fund to any incorporated city or town within its borders for construction, maintenance and repairs to roads and bridges.

McKay-Schruth Engineering Co., contracting engineers, 405 Los Angeles Railway Bldg., Los Angeles, have succeeded to and combined the organizations of the McKay Engineering Co. of Los Angeles and Charles M. Schruth, general contractor, of Minneapolis. The company will specialize in bridges, wharf construction, concrete construction, sewers, paving and water systems.

Roy L. Greene, county engineer of Lewis County, Washington, has been elected president of the County Engineers' Association of Washington State. E. J. Carlisle, of Walla Walla county, was elected president of the Washington County Commissioners Association. The two bodies recently closed their annual conventions at Bellingham, Wash.

Builders' Service & Supply Co., with the principal place of business at San Jose, has been incorporated to manufacture and deal in building supplies. The directors are: C. B. Argall, Claude R. Argall, Claude Stark, Leroy S. Moore, Charles M. Richards, Charles G. Argall and John G. Chesnut, all residents of San Jose.

Election will be held about November 18 to vote bonds of approximately \$12,000,000 to finance the construction of sewers in the Los Angeles Metropolitan Sewer District.

Colusa County Supervisors contemplate bond issue to finance additional county roads. New roads in the vicinity of Princeton, Grimes and Williams are proposed.

F. T. Georgeson, architect, and C. E. Tabor, engineer, announce the removal of their offices to the Standard Bldg., Sixth and G streets, Eureka.

Victor Lemoge of San Francisco has been re-elected president of the California State Association of Electrical Contractors and Dealers.

John Coeffeld of San Francisco has been re-elected president of the United States Association of Journeymen Plumbers and Steamfitters of the United States and Canada.

John Blair Buchanan has been appointed purchasing agent for the city of Palo Alto.

W. M. E. Mann has resigned as city engineer of Chico. His successor has not yet been appointed.

F. E. Weymouth, chief engineer of the U. S. Bureau of Reclamation, has resigned to enter private practice.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

TO APPOINT COMMITTEE ON OAKLAND BUILDING LAWS

Acting on the suggestion of Frank A. Connelley, secretary of the city of Oakland, the Building Exchange and Alameda County will appoint a committee to confer with representatives of East Bay building ordinances, it is stated by H. D. Jones, a director of the exchange. This week the committee will meet with Oakland city officials as the first step in the movement, which carries the general endorsement of East Bay builders, according to Jones.

At later conferences with officials of other East Bay cities it is hoped to lay the groundwork for a form of building ordinance which will comply with local requirements and at the same time do away with the confusion now said by builders to be caused by the wide divergence in seven sets of ordinances.

Under present conditions, with city boundary lines but casually defined, and with frequent and unannounced changes in building ordinances, confusion and sometimes heavy financial loss occasionally results, builders say.

CONTRACTORS ADOPT RULE ON OPENING OF BIDS

Letters are being sent to architects by Secretary E. Earl Glass of Southern California Chapter, Associated General Contractors, notifying them that the Chapter has adopted and has decided to make effective at once a rule requiring that bids on all projects costing more than \$100,000 be opened in the presence of bidders. This rule was proposed and adopted a year ago, but has been held in abeyance pending assurance of co-operation on the part of architects and engineers. A score of the leading architects of Los Angeles have expressed their willingness to co-operate and the Chapter has decided to make the rule effective. Members will refuse to submit bids on jobs when the owners decline to open bids in the presence of the bidders. The rule as adopted by the Chapter is as follows:

"All proposals submitted by the owner's architect or engineer to cost over \$100,000 shall be opened and read by the owner or his agent at the prearranged time and place and in the presence and hearing of such bidders or their representatives as care to attend."

SACRAMENTO WINS AGAIN

The cup for 100 per cent attendance at the annual convention of the State Association of Electrical Contractors and Dealers was awarded to Sacramento for the second time, following the closing of the convention at Santa Cruz. Winning the cup a third time will give the capital city interests permanent possession.

A poll of the members of the association will be taken in the immediate future by the association to determine whether the 1925 convention will go to Santa Cruz or Santa Cruz. The poll will be taken by mail.

BUILDERS IN CHARITY DRIVE

The Contra Costa County Builders' Exchange with headquarters in Richmond has appointed the following committee to assist in the drive for funds for the Community Chest: J. L. Oakle, captain; W. Snelgrove, Herbert D. Baker, R. W. Timmons, James Walker, Charles H. Brown and E. H. Higgins.

Strikes Cost Public Millions—Open Shop Labor is on Increase

Strikes cost the American public \$550,000,000 last year; and they cost it nearly \$1,000,000,000 in the last ten years.

This was the startling statement brought out by the committee on labor relations in its report to the National Association of Manufacturers at its recent gathering in New York.

Not only is union labor expensive in that way, the report points out, but in one industry alone—housing—the open shop method of construction provided 37 per cent more new homes per 10,000 of population in the last year than did the closed shop method.

The committee, of which S. W. Utley, vice-president of the Detroit Steel Products Co. is president, reported also that, while in 1920 the unions had as members about 29 per cent of the organized labor, last year they had only 26 per cent of such labor enrolled. This indicated a loss of 3 per cent in their aggregate standing in two years.

Calling attention to the fact that this is a political year, the committee said:

The open shop question is much more than one of political scope, and it cannot, in the final analysis, be settled in the political arena. It is, rather, an economic issue, although in the philosophy of the closed shop leaders a menace to our political institutions and to law and order is clearly presented.

The committee expressed the opinion that if existing laws were enforced impartially, if order were maintained, there would be no need of considering the political expediency of the principle of the open shop. It also presented the following conclusions:

Public welfare must be the paramount consideration, and it is the duty of the American employers continually to make known to the public the community advantages of the open shop. They should likewise continuously

maintain their open shops as desirable places in which to work so that workers will refuse to longer rely on the spurious promises of the closed shop agitator.

We must remember that the open shop is not a panacea. It prevents certain grave industrial evils; it permits and fosters sound practices and constructive co-operation between employer and employee, which are impossible under the closed shop and which are absolutely essential to our industrial efficiency and prosperity and hence our national progress. Every practicable method, moreover, should be used to make clear to American workers the unsoundness of the closed shop philosophy and the proposals and arguments of those who would destroy our present economic structure. To maintain relations with employees upon a basis of that confidence and understanding which grows out of a recognition of mutual interests has become one of the functions and tests of good management.

The position and leadership of America as an industrial nation have been established under predominantly open shop conditions. The wages and standard of living of our workers are the highest the world has ever seen. Every increase in closed shop control of American industry imperils our national economic standards and supremacy.

The members of this association can, in our opinion, profitably give consideration to the best methods of non-commercial and systematic education of their workers as to the fundamental facts of industry and their proper significance.

The need of this is apparent not only in the economic practices of the closed shop system, but even more strikingly in the philosophy of the closed shop and similar subversive movements, presenting a very real menace to our fundamental American institutions, the report concludes.

MASTER PAINTERS "SMOKE" AT PALO ALTO

Palo Alto master painters entertained the executive board of the state association and the master painters of the peninsula Sept. 18, at a smoker given in the Palo Alto Community House.

Invited guests were present from the peninsula cities of San Bruno, Burlingame, San Mateo, San Carlos, Redwood City, Palo Alto and Mayfield.

Members of the executive board representing the associations of the larger cities of the state were present in force.

After the regular monthly meeting short speeches were made by George Bowen of San Francisco, first vice president of the state organization; by East presidents W. M. Herman of San Jose, N. McDonald of Alameda, Max Cohn of San Francisco, J. W. Realy of Oakland, C. E. Irwin of Berkeley, F. LaTorres of San Francisco, H. McManus of Oakland, and by the state secretary W. Woolley of Burlingame.

James Stroner and O. E. Sivertsen made up the entertainment committee. T. W. Von Hacht, M. L. Sorrells, H. Kangieser, W. Woolley, L. B. Winiger and L. H. Brown acted as a reception committee.

MATERIAL DEALERS MEET

A meeting of the Material Dealers' Association of California was held in the Hotel Senator, Sacramento, Friday, Sept. 12 and matters of importance discussed. Ralph D. Wilcox of Stockton presided.

In addition to discussing matters affecting the distribution of materials and present business conditions, reports were submitted showing the outlook for the construction industry in the Northern and Central California sections.

Among those in attendance at the meeting were: Vincent Persons and Thos. Moyle, Sacramento; Fred Schigner, Joseph Russo, A. Abrevo and Robt. H. Borchers, San Jose; H. C. Mack and L. B. McGuire, Santa Rosa; Carl B. Stoner, San Mateo; Alex. Rhodes and Frank Miller, Oakland and Wm. J. Feary, San Francisco.

BUILDERS BANQUET

Forty members of the Napa County Builders' Exchange attended the second annual banquet of the organization in the Native Sons' Hall Building, Napa, Sept. 15. Addresses were made by E. W. Doughty, president of the Exchange, Earl Wilson, Frank Pond and A. C. McNair of St. Helena.

TRADE NOTES

The Owen Oregon Lumber Co. will erect its main plant in Medford, Ore., according to Jas. H. Owen, general manager. The plant will be laid out on a 100-acre site. Approximately \$1,000,000 will be expended in buildings and equipment. Improvements include the enlargement of the mill pond, new planing mill with equipment, storage sheds, 20 kilns, lath mills, construction of a railroad, machine shops, storage and supply sheds. Work on the lath mills, with a capacity of 15,000 per day, has already been started.

The Builders and Material Exhibit Company of San Francisco has invaded the Oakland field. Taking cognizance of the rapid strides made in building throughout the East Bay district, this organization has decided to place an exhibit. The second floor of the Harold Holmes building, northeast corner of Fourteenth and Madison streets, has been leased which will allow 10,000 square feet for exhibit purposes. Work of installing the exhibit is now under way.

Tacoma, Wash., will have the only felt mill west of the Mississippi river and north of California within two months, according to J. E. Berkheimer, head of the Berkheimer Manufacturing Company, which firm produces roofing paper and coal tar products. Construction of the plant has already been started at Center and M Sts., Tacoma.

Dyer Bros. Golden West Iron Works will shortly commence the erection of a stock shed at the northeast corner of Sixteenth and Rhode Island streets, San Francisco. The structure will cover an area of 100 by 400 feet and will be thirty feet in height. Construction is estimated at \$30,000.

Power Plant Engineering Co., 1933 Fifth avenue, Seattle, has opened a branch office at 443 Stark street, Portland, Ore., with P. D. Campbell in charge. Campbell was formerly with the Walworth Manufacturing Company.

F. P. Ingel, C. W. Penton and Roy N. Francis have formed a co-partnership and will operate under the trade names of Offerbach, Electric Company and Golden Gate Radio & Electric Co. at 1346 Polk St., San Francisco.

John Douglas Co., manufacturers of plumbing goods, has opened offices and warehouse quarters at 1345 Howard street, San Francisco. J. H. Mulreйн is San Francisco representative.

General offices of Gladding, McDean & Co., formerly located on the 6th floor of the Crocker Bldg., have moved to the 5th floor, 660 Market street, San Francisco. Telephone Douglas 540.

L. C. Osborn, engaged in the electrical business in Bakersfield since 1907 has purchased the Kern Valley Electrical Company in Chester Ave., that city.

Richard H. Thompson, electrical contractor, manufacturing the Comet Flasher, announces the removal of his quarters from 752 Turk street to 2327 Fillmore street, San Francisco.

Jas. J. and Thomas P. Cusick, 3269 24th St., San Francisco, have filed notices of co-partnership and will operate under the trade name of Acme Window Shade Company.

The \$100,000 plant of the Enwood Sand & Rock Company at Roseville is now in operation.

Bid Bonds Easily Secured—Not Guarantee of Contractors Worth

By A. E. Horst in the American Contractor

In many instances, laws are such that they permit a bid bond to be attached to a proposal for public work. But on account of technicalities that are not easily discovered, if the contract were awarded to an exceptionally low bidder the bid bond might not be of any value whatever. For this reason, the use of bid bonds seems to be on the wane in many states and localities.

It appears that these bid bonds are and have been issued by underwriters without carrying any obligation on any of them to bond the bidder in case he is successful. Under these conditions, the bid bond would appear to be worse than useless, and for that reason should be eliminated in all localities in which this is the case. This type of bid bond was formerly in effect in New York, but was dispensed with there some years ago.

Some of the advantages of submitting bid bonds with proposals at highway lettings are that no interest needs to be paid on the amount of the bid bond, nor are contractors' funds tied up if exceptional delays are caused in awarding contract; whereas the use of certified checks requires that the contractor must decide several days in advance on just which projects he will bid. The amount of his bid on each of these projects also must be determined in order that he may secure the proper amount and number of certified checks for each project, and see that these certified checks are properly delivered to the place at which the letting is to be held. This is, of course, exceedingly difficult, especially at times when the contractor is bidding on work several states distant from his home office.

When certified checks are required at highway lettings, a smaller number of bids apparently is submitted than when bid bonds are in use, but there still is ample competition. It is true that when bid bonds are permitted in lieu of certified checks, bids are submitted by many who have not the experience, the capital, or the equipment to warrant their bidding on the large projects they do bid on.

When we analyze the procedure in securing certified checks and the process of securing bid bonds, we find in the one case that it is necessary for the contractor to secure certified checks from a banking institution, and in the other, from some representative of a bonding company. In order to secure, say, a \$50,000 guarantee, much more preparation, explanation, and backing are required to secure certified checks totaling this amount than to secure bid bonds in this amount from some one of the many representatives of the bonding companies, especially when there are so many bonding company representatives who have the authority to give out these bid bonds.

In a given community there probably are five or six banks that might be willing to give a contractor certified checks totaling \$50,000. In this same community there probably are three times as many representatives of bonding companies who would have authority to give bid bonds for much larger amounts if they so desire; so that the chances of an irresponsible contractor's securing a bid bond in this community in lieu of a certified check are at least three to one, since only the judgment of the representative of the bonding company is involved. And his judgment might be influenced because he is paid a substantial commission on the performance bond issued, whereas in the case of the bank, the cashier or the president authorizing

the certified check secures but the regular rate of interest, which goes not to his personal benefit, but to the institution he represents.

In other words, the representative of the bonding company is interested in making a bid bond because he personally secures a substantial commission for doing so if the contractor secures the award, whereas the bank, personally secures nothing. Therefore it is not difficult to understand that the bank is going to be very sure that the contractor is in proper shape to handle the work before giving him a certified check, while the bond agent will endeavor to write as many bid bonds as possible at a letting in order to increase his chances of securing for himself personally the commissions derived from a successful award.

Almost all bid bonds are written the day of the letting, when not as much consideration of the actual facts can be given as when certified checks are arranged for in a very deliberate way days in advance of a letting.

It is common knowledge that at some of the highway lettings there were many bid bonds written for contractors that were not even reported to the bonding company's executive offices by agents writing them, indicating how far these practices have gone in the promiscuous writing of bid bonds by representatives of the bonding companies who happened to have the blank forms to execute. It also is known that some contractors have been given blank forms of bid bonds to fill out for whatever amount they saw fit.

The fact is recognized that there have been altogether too many irresponsible representatives of bonding companies writing bid bonds for irresponsible contractors and that the executives of some of the better class of bonding companies do not intend that this practice shall prevail. Nevertheless, it does prevail; and until it is eliminated, certified checks, which are not given out without serious consideration, seem to be a better guarantee and indicate that the contractor who uses them has some business ability, and that he is properly qualified for the work.

Another advantage to the contractor in the use of a certified check is that he may select the bonding company with which he may wish to place the performance bond when awarded the contract, which he may not be in a position to do before his bid is submitted. He also may elect, if it is permissible, to place personal collateral as an earnest of good faith in performing the contract rather than a surety company bond, which may be less expensive to the owner and quite as effective as a surety company performance bond.

In general, therefore, the opponents of the bid bond cite the wholesale and promiscuous distribution of blank forms by surety company agents which, as indicated above, apparently throws the gates open to any one who tabulates figures.

It is held that a great number of irresponsible companies that know nothing of estimating, and perhaps less about contractors' managing and financing, and that have no financial backing, are able to submit proposals. Once these proposals are submitted, the bidder secures a surety bond, which he invariably can, and the state is obliged in most cases to award him the contract. On the heels of this action follows the whole gamut of dissension, evasion, and improper performance on the part of irresponsible companies that bring suspicion on all contractors and

keep public construction in a state of demoralization.

It is my opinion that if certified checks and certified checks only—were required at highway bid-opens, and the amount of the certified check were somewhere between 7 1/2 and 10 per cent of the bid, the tendency would be to secure bids only from contractors who are responsible to carry out the work on the basis of their proposals, and in accordance with plans, specifications, and time of completion. Contractors would be much more careful in building up their proposals, because of the fact that their own perfectly good certified check, worth that much of their own cold cash, which they alone are responsible for, could be held as liquidated damages if their bid were accepted and they refused to enter into contract.

PURCHASING POWER OF POPULATION IN U. S. CITIES COMPILED

To provide an answer to the question how much of a given commodity can a city buy—the Domestic Distribution Department of the Chamber of Commerce of the United States has issued a pamphlet giving statistics which afford a key to the purchasing power of the population in thirty-one distributing centers throughout the United States.

The publication contains tables based on the 1920 Census statistics and statistics gathered by the Department of Labor, showing the character of the population of the various centers and the average per capita consumption. By simple calculation these tables will afford a method of estimating the consuming capacity of these centers, not only for commodities but for many specified articles—information of particular value to manufacturers and distributors in fixing sales quotas.

The centers for which the necessary statistics are given are Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Denver, Detroit, Houston, Indianapolis, Jacksonville, Kansas City, Los Angeles, Memphis, Minneapolis and St. Paul, Mobile, New Orleans, New York, Norfolk, Philadelphia, Pittsburgh, Portland, Maine; Portland, Oregon; Richmond, St. Louis, San Francisco and Oakland, Savannah, Seattle, San Antonio.

The pamphlet is regarded by the Domestic Distribution Department as merely a beginning and as valuable for what it does not show as it is in the figures presented.

"We do not know, for example," the Department says in its introduction, "the number of retail groceries in the United States or in any but a very few of the cities; and of these few we do not know how many of them are chain groceries or how many are independently owned. This is true not only of groceries but of hardware stores and of those where hardware is sold. Until these factors are known, until a satisfactory enumeration of dealers in different classes of commodities is accomplished, one of the great elements of sales quotas will be lacking."

Copies of the pamphlet may be obtained from the United States Chamber of Commerce, Washington, D. C.

PLASTERERS STRIKE

Several large building operations are tied up in Pittsburgh due to the refusal of plasterers to work on jobs where terrazzo workers affiliated with the bricklayers are employed. The trouble started when the terrazzo workers, who were formerly affiliated with the cement finishers, organized a local of their own and became a part of the bricklayers organization. The plasterers have been asked to return to work by the Building Trades Council on all jobs except where terrazzo workers are actually employed at this time, but so far have not complied.

Tablet Unveiling Commemorates Patenting of Portland Cement

Remarks made by Frederick W. Kelley, president of the Portland Cement Association in presenting to the British Cement Makers' Federation a memorial tablet commemorating the one hundredth anniversary of the patenting of Portland Cement. The tablet was unveiled and permanently placed in the town hall at Leeds, England. It was received on behalf of the British Cement Makers' Federation by the Lord Mayor of Leeds and Sir Edwin Ayr.

We are gathered here today to pay tribute to the memory of an Englishman of humble station, because one hundred years ago he secured a patent upon portland cement and in so doing left a definite footprint on the sands of time.

Joseph Aspdin was one of a number of his countrymen of honored name, who, like John Smeaton, discovered the reason for the hydraulic properties of cement or like Isaac Johnson, perfected the process of portland cement manufacture, thus giving to the world one of its most widely used and important building materials.

Portland cement concrete is typical of Anglo-Saxon civilization—flexible in its early stages; not consuming its aggregates, but shaping them in a definite constructive form which is permanently useful.

We who have been privileged to join with our elder brothers in this Centennial celebration, stand in this presence with reverence. We seem to sense the spirit of the generations of thinkers and doers who developed and safeguarded all that we hold most dear in our civilization.

We are grateful for the opportunity to stand side by side with you in this centennial of a triumph of peace. May we always stand side by side on all great issues affecting the welfare of mankind.

It is hard to visualize the industrial conditions of one hundred years ago. Chemistry was generally confined to laboratory experiments. Power was limited. Industry was largely individual. Man up to this time had used materials as he found them, provided by nature. A few simple melting, burning and grinding operations formed the only exceptions.

It required the real pioneer spirit for Aspdin to thoroughly blend dissimilar materials ground to extreme fineness and from them to produce the new portland cement by burning and grinding. It was the same Anglo-Saxon spirit which has explored and settled continents. The spirit which has examined and determined fairly the mutual relations of the men who people these continents.

Progress is made by men who see a little beyond their neighbors and act upon their vision. Aspdin without modern tools or modern knowledge, did see, and did take a distinct progressive step from which the world has ever since benefited. Most great inventions look easy in the light of accumulated knowledge.

What would our present world be without portland cement? If we are wise, we sleep in concrete fireproofed houses. We bathe in water impounded by concrete dams and flowing through concrete pipes. We dress in clothes the perfection of whose weave is due to vibrationless concrete factories on firm concrete foundations.

We break upon food brought to town over concrete highways and pave-

ments with concrete foundations, from farms having concrete silos, feeding floors, water-troughs, fence posts and buildings. We pass to our concrete office buildings through concrete subways and over concrete platforms and sidewalks.

We plan for the transport of our goods over railroads having concrete bridges, trestles, retaining walls and tunnels, to steamships using concrete docks, walls, breakwaters and light-houses. We read our evening paper by light generated in machinery set on concrete foundations, the current passing through wires supported upon concrete poles or placed in concrete ducts.

Concrete contributes to our safety, comfort and convenience, is a thousand ways. Because of the ease with which it can be used and its relatively low cost. It has permitted the accomplishment of many things not otherwise commercially practical.

Had masonry been used in the structures which have been built of portland cement concrete during the past century, the additional cost would have approximated a quarter of the present public debt of Great Britain. This assumes that it would have been possible to use other materials than concrete in some of these structures.

Portland cement has saved the world this large investment and has given to it comforts which it would not otherwise have had. Its benefits are multiplying with its increased production and use. It is estimated that the world used in 1923 over 50,000,000 tons or 260,000,000 barrels of portland cement.

In the century since its invention constant progress has been made in improving the quality of portland cement and in perfecting its use. This work has been largely due to individual effort. Joint effort growing out of a better understanding of our common problems should result in even better progress during the next century.

All honor to the British pioneers and to Joseph Aspdin, a pioneer in that branch of industry we call ours. He has done more literally to bind the world together than all the diplomats of all time.

The complete binding and oneness of thought, of spirit and of high purpose of the portland cement manufacturing industry in Great Britain and in the United States is exemplified by this tablet which in the name of the Portland Cement Association of America I present, and now unveil as a permanent evidence of our esteem and sincere good will. I believe it typifies the equally complete sympathy and regard existing between our respective countries.

NEW CONCRETE MADE STRONGER THAN ROCK

What is believed to be a virtually indestructible concrete mixture for Missouri roads has been found by the state highway department test laboratory.

A cylinder of solid concrete, a specimen of a mixture being used by a road contractor in Newton county, was sent to the laboratory for a test. The requirement was that it was to stand a total pressure of 84,000 pounds without cracking or disintegrating.

The cylinder stood a test of 200,000 pounds, or 7500 pounds to the square inch, which was as high as the laboratory apparatus registers. It came out of the press apparently as firm as when it was put in. Under far less pressure solid rock usually splits into fragments.

The mixture of the record-breaking cylinder was 19 1/4 parts portland cement and 2 1/2 parts chat.

Building News Section

APARTMENTS

Segregated Figures To Be Taken Next Week.

APT. BLDG. Cost, \$75,000
SAN FRANCISCO, E Hyde St., between
Greenwich and Lombard.

Seven-story steel frame apartment
bldg. (1 apt. to each floor).

Owner—Withheld.
Architect—C. A. Meusdorffer, Hum-
boldt Bank Bldg., San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, \$15,000
SAN FRANCISCO, NE Grove and
Cole Streets.

Three-story frame and stucco brick
veneer apartment building (12 3
and 4 room apts.)

Owner—M. P. Storeheim.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Sub-Contracts Awarded.
APARTMENTS Cost, \$—
SAN FRANCISCO, No. 2006 Washing-
ton St.

Ten-story reinforced concrete apart-
ment house.

Owner—Two Thousand and Six Wash-
ington St.

Architect—C. A. Meusdorffer, Hum-
boldt Bank Bldg., San Francisco.

Contractor—Robt. Frost, 26th & How-
ard St., San Francisco.

MILL Work To Chase Lumber Co., San
Jose.

Miscellaneous Iron to Monarch Iron
Works, 262 7th St., S. F.

Plans Complete—Owner To Take Bids
APARTMENTS Cost, \$25,000
SAN FRANCISCO, SE Twentieth and
San Carlos.

Three-story frame, stucco and brick
veneer store and apartment build-
ing (10 2-room apts.)

Owner—Mr. W. Nelson.
Architect—Edw. E. Young, 2002 Cali-
fornia St., San Francisco.

Plans Complete.
APT. BLDG. Cost, \$18,000
SAN FRANCISCO, NE Cole and Grove
Streets.

Three-story and basement frame apt.
bldg. (12 apts.)

Owner—M. P. Storeheim, 201 Caselli Ave
San Francisco.

Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$—
OAKLAND, NE 15th St. 82 W 12th Ave.

Two-story 16-room apt. and garage.

Owner—H. F. Pearce, 895 Madison St.,
Oakland.

Contractor—Grigsby Bros., 2520 9th
Ave., Oakland.

Contract Awarded.
APT. BLDG. Cost, \$18,718
SAN FRANCISCO, N Union 225 E Baker

Two-story and basement frame apart-
ment building.

Owner—Ann C. and A. D. Duncan 2901
Euclan St., San Francisco.

Contractor—J. Prout, 515 Magellan St.,
San Francisco.

Sub Figures Being Taken.
APT. HOUSE Cost, \$100,000
OAKLAND, Bay Place and Montecito
Avenue.

Four-story class C brick apt. house,
brick exterior and slate roof, 80
rooms.

Owner—Sommarstrom & Clausen, 1536
Franklin St., Oakland.

Architect—Clay N. Burrell, American
Bank Bldg., Oakland.

Contractor—Sommarstrom Bros., 1536
Franklin St., Oakland.

Owner To Take Figures.

APT. HOUSE Cost, \$75,000
SAN FRANCISCO, S O'Farrell west of
Hyde.

Five-story and basement reinforced
concrete apartment house.

Owner—F. W. Bottendorf.
Architect—August G. Headman, 74 New
Montgomery St., S. F.

Segregated Figures Being Taken.
APARTMENTS Cost, \$12,000
SAN FRANCISCO, W Scott 100 N Ellis

Two-story and basement frame (4)
apartments.

Owner—P. Waters.
Architect—M. G. Bugbee, 619 Washing-
ton St., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, SE Twentieth and
San Carlos.

Three-story frame, stucco and brick
veneer store and apartment build-
ing (10 2-room apts.)

Owner—Mr. W. Nelson.
Architect—Edw. E. Young, 2002 Cali-
fornia St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, \$45,000
SAN FRANCISCO, E Jones 91-8 S Geary

Six-story and basement class C (38)
apartments.

Owner—O. E. Anderson, 483 15th Ave.,
San Francisco.

Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

Plans Being Figured—Bids Close Sept.
25, 1924.
APARTMENTS Cost, \$150,000
SAN FRANCISCO, Jones and Maiden
Lane.

Six-story and basement steel and brick
apartment building (54 2-room apts.)

Owner—Withheld.
Architect—Albert Eurgren, 110 Sutter
St., San Francisco.

Figures are being taken for a gen-
eral contract.

Material of Merit

DOORS

Firedoors, Freight Elevator,
Garage and Warehouse Doors.

Fold-up-Doors, 11-co-doors, Cobald-
doors, Wal-el-doors.—St. Louis

Fire Door Co.

STORE FRONTS

The newest and most diversified
store front.—Security Metal

Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-
slipping flooring.—Irving Iron

Works Co.

LIGHT SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Contract Awarded.

APARTMENTS Cost, \$13,500
SAN FRANCISCO, S Clay Street 225 E
Presidio.

Two-story and basement frame and
stucco apartment house (4 apart-
ments of 3-rooms each).

Owner—M. Shetel.
Architect—Mel J. Schwartz, Nevada
Bank Bldg., San Francisco.

Contractor—Klaus Adler, 2210 Balboa
St., San Francisco.

SANTA MONICA, Los Angeles Co.,
Roy L. Jones, 311 S. Western Ave., has
started plans for a \$500,000, 8-story
and basement class A apartment build-
ing to be erected on a 59-year leased site
at 1643 Ocean Front, Santa Monica, F.
H. Hoop, site owner. L. C. Adams,
lessee. Foundation 80x125 ft., 84 single
apartments, 14 double apartments, each
with bath, 6 shops; steel frame, brick
filler walls, ruff brick exterior, lime
stone trim, composition roof, hard-
wood lobby trim, tile floor and wain-
scot, vacuum system, steam heat, re-
frigerating plant, elevator.

BONDS

TURLOCK, Stanislaus Co., Cal.—
Election will be held shortly to take
bonds of \$50,000 to finance erection of
new city hall. J. P. Ferguson is city
clerk.

SAN BRUNO, San Bruno Co., Cal.—
Election will be held Oct. 14 in San
Bruno Park School District to vote
bonds of \$50,000 to finance school im-
provements. Trustees of district are:
J. A. Cunningham, George M. Reid and
J. H. Galleher.

WATTS, Los Angeles Co., Cal.—
Watts City School District will hold a
bond election on Oct. 10 when it is
proposed to vote \$128,000 for purchas-
ing school sites, erecting new schools,
and making alterations and additions
to existing buildings. L. Floyd Wind-
bigler and F. H. Bowers are trustees
of the district.

COMPTON, Los Angeles Co., Cal.—
Bond election has been called for Oct.
10 when it is proposed to vote \$140,000
for purchase of site and erecting new
school building east of Long Beach
Blvd., Compton.

HAYWARD, Alameda Co., Cal.—Oct.
18 is date set to vote bonds of \$280,000
to finance construction of new school
for Hayward Union High School Dis-
trict. Previous election failed to carry.

SAN PABLO, Contra Costa Co., Cal.—
Election will be called shortly in San
Pablo School District to vote bonds of
approx. \$50,000 to finance construction
of additions, including auditorium, to
present school. Preliminary plans have
been prepared.

SAN BERNARDINO, San Bernardino
Co., Cal.—Ed. of super. adopted resolu-
tion authorizing bond issue of \$850,000
resubmitted to San Bernardino Co. vot-
ers at general election in November,
money to be used for building new
court house. Proposition was defeated
by small margin at special election
last May.

CHURCHES

Preliminary Plans Being Prepared.
CHURCH Cost, \$45,000
SAN LEANDRO, Alameda Co., Cal.

Frame and stucco church building of
Tudor Gothic style.

Owner—First Presbyterian Church of
San Leandro.

Architect—Tuttle & Tuttle, 357 12th
St., Oakland.

Plans Complete
CHURCH Cost, \$150,000
LOS ANGELES, L. A. Co., Cal. Wilshire Blvd.
 Incorporated concrete church
 owned by St. James Episcopal Church.
 Architect—F. H. McDougall, 343 Sacramento St.
 Contractor—Lindgren-Swinerton Co., Standard Oil Bldg., S. F.

Sup. Contracts Awarded.
SYNAGOGUE Cost, \$1,000,000
SAN FRANCISCO, AGRICULTURE BLVD. and Lake St.

Architect—Temple Emanuel-Bld. 450 Sutter St., San Francisco.
Architect—Sylvanus Schnaaitacher, 233 Post St., San Francisco.

Contractor—M. Donald and Kahn, 115 Montgomery St., San Francisco.
Concrete awarded to Barret & Hilp, 918 Harrison St., S. F.

Plumbing to Frank J. Klimm, 456 Ellis Street, S. F.

Wiring to Decker Electrical Const. Co., 149 Montgomery St., S. F.

Heating to James A. Nelson, 10th and Howard St., S. F.

Metal windows to Clifton Casement Window Agency, 523 Market St.
 As previously reported, steel reinforcing bars was awarded to Badt-Falk & Co., Call Bldg., S. F.; structural steel to Moore Dry Dock Co., Foot of Adeline St., Oakland.

LOS ANGELES, Cal.—Gene B. Foster, 1752 Sycamore Ave., has been awarded the contract at \$75,956 to erect a 3-story class C recreation and Sunday school bldg. at cor. 2nd St. and Hubart Ave., for the Wilshire Methodist Church. Harry L. Price, 603 Wright-Callester Bldg., archt. Dimen, 809150 E. brick walls, art stone trim, press, brick facing, struc. steel, hardwood cement and tile flrs., wrought iron work, fire escapes, pine trim, water htr. Other contracts awarded were: Plumbing, J. Hukom, at \$8230, and heating at \$1625; elec. wiring to Sierra El. Co., Inc., \$1429.

SAN FRANCISCO, Cal.—The following bids were received by Architects John Galen Howard and Associates, 1st National Bank Bldg., San Francisco, for the construction of a Class A church building at Twenty-sixth and Harrison streets, for the First Congregational Church of Oakland:
 Clinton Constr. Co. of Calif., 323 Folsom St., S. F. (low)...\$289,960
 R. W. Littlefield.....295,500
 Fred J. Westlund.....298,571
 H. C. Vensano & Co.....301,480
 McDonald & Kahn.....302,492
 James L. McLaughlin.....305,000
 M. McFarlan & Co.....307,000
 Lawton & Pezzy.....310,594
 K. E. Parker & Co.....317,000
 West Coast Constr. Co.....318,042
 E. T. Leiter & Son.....319,887
 The bid of Lindgren & Swinerton was submitted late and was handed over to the Board of Trustees to be opened by them

WOODLAND, Yolo Co., Cal.—Dell Fenton, Woodland, at approx. \$10,000 awarded contract to remodel First Baptist Church.

BEVERLY HILLS, L. A. Co., Cal.—Archts. Johnson, Kaufman & Coats, 607 Union Bank Bldg., are completing plans for a church bldg. to be erected at Beverly Hills, for the Episcopal Church of Beverly Hills; it will have a seating capacity of about 125 people with offices, etc. Hollow conc. walls, 2-story and part 1-story, tile rlg., whitewashed exten., padre tile and cem. flr., art glass, gas htg. sys., pine trim, pine organ; \$25,000. Bids will be taken next week.

FACTORIES & WAREHOUSES

BAKERSFIELD, Kern Co., Cal.—Baash Ross Tool Co., of Taft, has started erection of one and one-half-story factory at Main and Eighth Sts.; est. cost, \$75,000.

Plans Being Figured.
FACTORY BLDG. Cost, \$40,000
SAN FRANCISCO, NW cor. 8th & Folsom Sts.

One-story brick or concrete factory building.
 Owner—Diamond Patent Showcase Co., Inc., 1625 Mission St., S. F.

Designer—James P. Shaffer, 987 Mission St., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost, \$250,000
SAN FRANCISCO, O. 16th, 17th, DeHaro and Carolina Sts.
 Two-story steel and concrete factory and warehouse 200 x 400.

Owner—John A. Roebeling Sons Co. of Calif., 646 Folsom St., S. F.
 Architect—Frederick W. Quandt, Humboldt Bank Bldg., S. F.

Plans Complete.
STOCK SHED Cost, \$30,000
SAN FRANCISCO, NE Rhode Island & 16th Sts.

Stock sheds.
 Owner—Dyer Bros. Golden West Iron Works, Inc., 17th and Kansas Sts., San Francisco.

Contract Awarded—To Take Sub Bids.
SHOP Cost, \$20,000
BERKELEY, 2701 Carlton.

One and 2-story brick and steel shop.
 Owner—Standard Die & Specialty Co., 3103 San Pablo Ave., Berkeley.
 Architect & Contractor—The Austin Co. of California, 708 Santa Fe Bldg., S. F.

Sub bids will be taken in about a week.

Steel & Piling Contracts Awarded.
WAREHOUSE Cost, \$51,000
SAN FRANCISCO, Tenth St. n. Bryant
 Concrete and brick warehouse.

Owner—American Rolling Mill Co. of Calif., 10th and Bryant Sts., San Francisco.

Engineer—H. J. Brunner, Sharon Bldg San Francisco.

Mgrs. of Const.—P. J. Walker Co., Sharon Bldg., San Francisco.

Piling awarded to M. B. McGowan, 180 Jessie St., S. F.

Steel to Dyer Bros., 17th and Kansas Sts., San Francisco.

Bids Being Taken For Concrete Work.
FACTORY Cost, \$60,000
SAN FRANCISCO, NE Keith and Donner St.

One-story reinforced concrete factory approx. 100x300.

Owner—Pacific Electric Mfg. Co., 827 Folsom St., San Francisco.

Architect—Geo. H. Wiermeyer, 57 Post St., San Francisco.
 Bids are being taken by Frederick Thompson, 327 Folsom St., for the concrete foundations and walls. Other bids will be taken later.

Plans Being Prepared.
LAUNDRY BLDG. Cost, \$350,000
SAN FRANCISCO, NE 7th & Harrison Streets.

One-story and mezzanine reinforced concrete laundry building.

Lessee—Ideal Laundry Co.
 Owner—Mr. Woodfield, Alexander Bldg San Francisco.

Designer & Contractor—Jas. Hjul, 1342 Mission St., San Francisco.

Plans Completed.
BAKERY & OFFICE Cost, \$110,000
SACRAMENTO, Cal. Fifteenth and R Streets.

Two-story reinforced concrete bakery and office building.

Owner—Perfection Bread Co.
 Architect—Leonard F. Starks, Ochsner Bldg., Sacramento.

Plans for the above structure have been completed and figures will probably be called for shortly.

Plans Being Figured — Bids To Be Opened Oct. 6 at 12 o'clock.
BUILDINGS Cost, \$500,000
EMERYVILLE, Alameda Co., Cal. Bldg. bounded by Hollis St., 45th and Stanford Aves.

Six 1-story reinforced concrete buildings, storage yards, warehouse, machine & electrical shops, foundry, laboratory buildings, metal shop and spur tracks.

Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.

Architect—Eng. Dept. of Owner.
 Excavating awarded to C. H. & A. W. Gorrill, Bacon Bldg., L. A.

SAN FRANCISCO—Vukicevich and Bagge, 415 S. St., at \$134,400 awarded contract by Board of Public Works to construct one-story addition to Seventeenth Street Car barn for Municipal Railway system.

MEDFORD, Ore.—Owen Oregon Lumber Co., Jas. H. Owen, general manager, will erect main plant in this city on 100-acre site involving an expenditure of \$1,000,000 for buildings and equipment. Improvements contemplated include the enlargement of the mill pond to cover ten acres for storage of logs; new planing mill with equipment; construct first unit of Crane dry storage sheds; erect battery of 20 kilns; erect lath mills with capacity of 15,000 per day (work started on this unit); construction of railroad, machine shops, oil storage tanks, loading platforms, storage and supply sheds.

MARYSVILLE, Yuba Co., Cal.—Chas. Powell of Yuba Machine Shop, 218 3rd St., Marysville, has purchased site in Third St., bet. A and B Sts. and plans erection of machine shop.

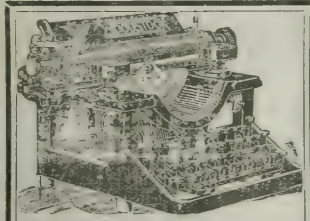
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SANTA ANA, Orange Co., Cal.—Union Iron Works, 5125 Santa Ana Ave., has completed plans and has the contract to erect a factory building on Delhi Rd., Santa Ana, for the Union Mfg. Co. Dimensions, 90x150 ft., brick walls, steel frame construction, composition roofing, one-story, steel sash, metal skylights, wire glass, cement floors. There will also be a shop building and a foundry building, 1-story of steel frame construction, corrugated iron walls and roof.

NAMPA, Idaho—Bids will be asked shortly by Pacific Fruit Express Co., 65 Market St., San Francisco, to erect car shops at Nampa, Idaho; est. cost \$450,000.

LOS ANGELES, Cal.—Scofield Engr. Constr. Co., 1870 Wilbur Bldg., has been awarded the contract on a guaranteed price plus fixed fee for class A addition to warehouse at 116 S Western Ave., for the Wilshire Fireproof Storage Co., Edwin T. Flaherty Co., 634 I. W. Hellman Bldg., engra. Dimen. 60x100 ft., 8-story, reinf. conc. constr., press. brick facing, comp. rfg., cem. fls., steel sash, plate glass, elec. freight elevator, steel rolling doors, ornamental iron work; the bldg. will be used for general storage space and the first fl. will be devoted to stores. The general bids which were received and rejected were: C. A. Fellows, \$31,357; Davidson Constr. Co., \$370; Willard-Brent Co., \$84,145; Scofield Engr.-Constr. Co., \$85,000; H. W. Baum Constr. Co., \$88,313; R. E. Millsap, \$90,192; Clinton Constr. Co., \$40,479; H. M. Baruch, \$94,671; W. E. Earne, \$97,947; Wallace & Dunham, \$99,752; Clark Cement & Conc Constr. Co., \$112,433.

LOS ANGELES, Cal.—Until 2 p. m. Oct. 14, bids will be rec. by co. super. for gen. constr. for conc. and steel bldg. for storehouse, transformer room and refrigeration plant at Olive View Sanitarium near San Fernando. Spec. from mech. dept., 10th fl., Hall of Records. Separate bids will be rec. at the same time for elec. tlt. sys., for plumb. and sprinkler system.

OAKLAND, Cal.—Laher Auto Spring Co., 167 Hayes St., San Francisco, has purchased site at north corner of 26th and Magnolia streets and will erect first unit of plant to cost \$50,000.

FLATS

Plans Complete.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, S Geary 100 W 10th Avenue.
Three-story and basement frame flat building (4 flats)
Owner—J. M. Boscuti & Co. 339 Clement St., San Francisco.
Architect—J. C. Hladik, 825 Monadnock Bldg., San Francisco.

Contract Awarded.
FLAT BLDGS. Cost, \$15,200
SAN FRANCISCO—SE Lombard and Jones.
Two-story and basement frame and plaster flat bldgs.
Owner—Geo. Campodonico.
Architect—Paul J. Capurro, 1 Winter, San Francisco.
Contractor—M. C. Ingraham, 165 Fell St. San Francisco.

Contract Awarded.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, E Lombard 136 S Stockton.
Two-story and basement frame flat building.
Owner—F. Di Grazia, 630 Greenwich St. San Francisco.
Designer—T. A. Sourich, 625 Market St., San Francisco.
Contractor—Cooperative Bldrs., 625 Market St., San Francisco.

Plans Complete.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, E 5th Ave 60 S Hugo
Two-story and basement frame flat building (2 flats).
Owner—Axel R. Larson, 516 San Jose Ave., San Francisco.
Architect—J. C. Hladik, 825 Monadnock Bldg., San Francisco.

Contract Awarded. Cost, \$11,886
PLATS SOUTH SAN FRANCISCO, San Mateo Co., Oakland and Grand Aves.
Two-story and basement frame and stucco flats.
Owner—Pietro Uccelli, South San Francisco.
Contractor—R. C. Stickie, 304 Linden St., San Francisco.

Owner Taking Sub Figures. Cost, \$—
PLATS SAN FRANCISCO, Powell and John Sts.
Two-story frame flats.
Owner—Vincent De Palma, 21 Johns St., San Francisco.
Sub figures are wanted for plumbing, plastering, electric, roofing, sheet metal work, glazing, hardwood floors and tile.

Plans Being Prepared. Cost, \$16,000
PLATS SAN FRANCISCO, Green St. near Pierce St.
Two-story and basement frame and stucco flats with tile roof (6 and 8 room flats and 2 garages).
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Plans will be ready for figures in about a week.

Plans Being Figured. Cost, \$14,000
PLATS SAN FRANCISCO, Pierce St. near Union St.
Two-story frame and stucco flats.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Bids are being taken for a general contract.

Contract Awarded. Cost, \$18,000
PLATS SAN FRANCISCO, S Geary St. 82-6 E Ninth Ave.
Two-story and basement frame flat building (4 flats) with tile roof.
Owner—Patrick Dunne, 676 9th Ave., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., San Francisco.

Contract Awarded. Cost, \$10,000
ALTERATIONS SAN FRANCISCO, S W Sanchez and Twenty-seventh Sts.
altering frame building into flats.
Owner—J. T. Shaler, 1400 Sanchez St., San Francisco.
Architect—Henry Shermund, Hearst Bldg., San Francisco.
Contractor—Austin & Stone, S. F.

Construction To Start At Once.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, E 5th Ave 60 S Hugo
Two-story and basement frame flat building (2 flats).
Owner & Contractor—Axel R. Larson, 516 San Jose Ave., San Francisco.
Architect—J. C. Hladik, 825 Monadnock Bldg., San Francisco.

LOS ANGELES, Cal.—Architect S. Charles Lee, 329 Douglas Bldg., has completed plans and is taking bids on cement work for an 8-unit 32-room flat bldg. on Coronado near 6th St. for a local client. Two story, 32x100 ft., frame constr., plaster constr., tile and comp. rfg., gas rads., aut. water htrs., tile baths, hardwood fls., pip. trim, wrought iron work. Bids will be taken soon on balance of subcontracts.

GARAGES

Contract Awarded. Cost, \$45,700
GARAGE OAKLAND, Alameda Co., Cal., Kensington Park Lots 12 and 13 Bk C
One-story three-car frame garage and auto sales building.
Owner—Geo. A. Frates, 1637 89th Ave., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—Geo. A. Scott, 675 23rd St., Oakland.

SEATTLE, Wash.—Standberg & Robinson, Arcade Bldg., Seattle, at \$176,164 submits low bid to Architects Harlan Thomas and Clyde Grainger to erect 7-story and basement reinforced concrete, 111 by 160 ft. store and garage building at First Ave. and Union St., for the Inter-Avenue Building Co. Rounds-Clift Co., Seattle, next low at \$177,990. Taken under advisement.



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DIRECT FACTORY BUYERS

LOS ANGELES, Cal.—J. A. Miller and J. E. Galloway, 409, Market Bldg., have leased, from Southern California Edison Co., a 200-hp. motor for use in the construction of the Los Angeles Harbor. The motor is to be used in the construction of the Los Angeles Harbor. The motor is to be used in the construction of the Los Angeles Harbor. The motor is to be used in the construction of the Los Angeles Harbor.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until Sept. 25, 10 a. m., bids will be rec. by U. S. Engineering Office, 85 2nd St., under Order No. 5549-620, to fur. and del. Rio Vista, Solano county, miscellaneous hardware and supplies. Lists of materials desired obtainable on request to above office.

WASHINGTON, D. C.—Until Oct. 9, 10-30 a. m., bids will be rec. by Purchasing Officer, The Panama Canal, under Circular No. 1631 to fur. and del. Balboa (Pacific Port): steel, chain, pipe, valves, tubes, sewage pumps, metal office furniture, billiard room chairs, extension ladders, welding wire, electrode holders, hand telephone sets, dies, bar cutters, glass, leather belting, rubber diaphragms, moseum, packing, asbestos gaskets, emery cloth, sandpaper, and southern yellow pine and Douglas fir lumber. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish materials to Navy Yards and Stations, as follows, date for opening bids at noted at close of each paragraph:

Sched. 2658, Puget Sound, 1 motor generator set, Sept. 30.

Sched. 2670, Puget Sound, 40,000 lbs. bituminous enamel and 150 gals bituminous primer, Oct. 7.

Sched. 2671, Mare Island, 15,650 lbs. steel angles, 272,000 lbs. bar steel, 7000 lbs. do; Puget Sound, 4000 lbs. steel sheets, Oct. 7.

Sched. 2681, eastern & western yards, garbage, paint, cement and 5 gal tin cans, Oct. 7.

Sched. 2683, Mare Island, 100,000 ft. steel aircraft cable, Sept. 30.

Sched. 2684, Mare Island, 2 portable sectional steel buildings, Oct. 14.

Sched. 2703, eastern and western yards, magnesia pipe covering, asbestos manesia blocks, asbestos felt, asbestos millboard and asbestos magnesia plaster, Sept. 30.

SAN FRANCISCO—Until Sept. 29, 11 a. m., bids will be rec. by U. S. Engineering Office, 85 2nd St., under Order No. 5548-628 to fur. and del. Rio Vista, Solano County: 4 pcs. wire rope, improved plow steel, 1-in. dia., each 275 ft long; 1 pc wire rope, plow steel, 3/4-in. dia., 1000 ft. long; 10 coils 2-in. 4 coils 2 1/2-in. and 6 coils 3-in. Manila rope, to be "Ship" or "Marine". Further information obtainable from above office.

AMERICAN FALLS, Idaho—See "Reservoirs and Dams" this issue. Bids wanted to American Falls Dam Project.

SAN FRANCISCO—The following bids were received by Wm. Arthur Newman, Supervising Supt. 402 Post Office Bldg., 7th and Mission Sts., for reshelving building No. 22 at U. S. Quarantine Station, Angel Island: Eugene Bragg, S. E. \$ 754 H. Papenhausen 812 Alfred H. Vogt 1029 Joy & Co. 1275

SAN FRANCISCO—The following bids were received by Wm. Arthur Newman, Supervising Supt. U. S. Post-office Bldg., 7th and Mission Sts., for exterior painting at U. S. Postoffice Building: Tormey Co., 1042 Larkin St. \$1100 J. H. Devert Inc. 1294 R. Zelinsky 1362 La. Torres & Kiesel 1453 D. B. Burckess 1594 Tozer Co. 1775 A. Quandt & Son 1978.80 Cramer Bros. 2465 C. B. Sovig 3228 E. F. Beyer & Caplan 3240

SAN FRANCISCO—The following bids were received by Wm. Arthur Newman, supervising supt., 402 Post-office Bldg., 7th and Mission Sts., for miscellaneous repairs to U. S. Post-office Building: H. Patton, 2186 California St., San Francisco \$3740 Finn Anderson 5790 Alfred Vogt 5900 Robt. Trost 6006

SAN FRANCISCO—Until Sept. 30, 11 a. m., bids will be rec. by U. S. Engineering Office, 85 2nd St., under Order No. 5550-628 to fur. and del. Rio Vista, Solano county: 5 lbs. magnesite putty, 12 paint brushes, flat, 3 1/2-in.; 30 gals. smokestack paint; 12 pints Signal green paint; 12 pints Signal red paint; 50 lbs. putty in 5-lb. cans; 12 pints green engine enamel paint. Further information obtainable from above office.

SAN FRANCISCO—Until Sept. 30, 11 a. m., bids will be rec. by U. S. Engineering Office, 85 2nd St., under Order No. 5549-628 to fur. and del. Rio Vista, Solano County: pipe valves and fittings. Lists of materials desired obtainable from above office on request.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured. Cost, \$18,000
BUILDING
BRENTWOOD, Contra Costa Co., Cal.
One-story frame and stucco memorial building.
Owner—American Legion of Contra Costa County.
Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

HANFORD, Kings Co., Cal.—Knights of Pythias, Hunford Lodge No. 66, plans to purchase Unitarian Church property at NE Tenth and Douy Sts., 60 by 100 ft., on which it is proposed to erect modern lodge and store building.

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Sub-Contract Awarded.
ALTERATIONS Cost, \$71,000
SAN FRANCISCO, China Town.
Alterations to brick club bldg.
Owner—Ming Yee Assn.
Architect—Chas. E. Rogers, Phelan Bldg., San Francisco.
Contractor—Co-operative Bldrs., 625 son St., San Francisco.
Plumbing to Dowd & Welch 3558 16th St., S. F., at \$3900.

Plans Being Figured—Bids to be
Opened Oct. 6th.
LODGES & OFFICES Cost, \$170,000
SAN JOSE, Santa Clara Co., Cal. North First Street.
Six-story and basement reinforced concrete lodge and office building.
Owner—Knights of Columbus, San Jose.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Bids are being taken for a general contract.

Plans Being Figured—Bids To Be
Opened Oct. 20 at 11 o'clock.
BUILDING Cost, \$18,000
ANTIOCH, Contra Costa Co., Cal.
One-story hollow tile memorial bldg.
Owner—American Legion of Contra Costa County.
Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Plans Being Prepared.
STORE & CLUB Cost, \$24,000
OAKLAND, Grand Ave. near Ferry.
Two-story brick store and club bldg.
Owner—Withheld.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.
Construction will be started as soon as leases are signed.

Contract Awarded.
FRATERNITY HOUSE Cost, \$30,000
BERKELEY, 2425 Ridge Rd.
Fraternity house.
Owner—Abracadabra House Assn., U. C. Berkeley.
Architect—Lionel Pries, 809 Mech. Inst. Bldg., S. F.
Contractor—Allen & Conrad, 357 12th St., Oakland.

BAKERSFIELD, Kern Co., Cal.—Los Angeles Athletic Club, 431 West Seventh St., Los Angeles has purchased the 2000-acre Miller and Lux Maple Ranch at Connor Station on the Southern Pacific McKittrick Branch line and construction has been started on a \$30,000 club house and garage building to accommodate 50 automobiles. Other improvements will be undertaken as the work progresses.

LOS ANGELES, Cal.—Union Iron Wks 5125 Santa Fe Ave., submitted low bid at \$103,930 to bd. pub. wks. for structural steel for Patriotic Hall, 18th and Figueroa Sts. Plans by Allied Archts. Assn., 1136 Citiz. Nat. Bank Bldg. Other bids: W. B. Kyle, \$113,745; Baker Iron Wks., \$113,950; Frombacher Iron Wks., \$114,210; Moore Dry Dock Co., \$114,950; Llewellyn Iron Wks., \$116,200; Minnie Steel & Mch. Co., \$116,890; Virginia Bridge & Iron Co., \$123,535.

SAN LEANDRO, Alameda Co., Cal.—San Leandro Post No. 117, American Legion, will campaign for funds to finance erection of club building in Davis street.

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SALEM, Ore.—Parker & Banfield, 62 E. Third St., N. Portland, at \$104,466 awarded contract to erect Temple building for Sublet Lodge No. 238, Benevolent and Protective Order of Elks. Heating, ventilating and plumbing awarded to Rushlight, Hastorf & Lord, 371 Hawthorne St., Portland, at \$22,295. F. L. Edwards Co. at \$5765 awarded electric work. Knighton & Howell, Portland, Ore., and Cuyler Van Patten, Salem, Ore., associate architects.

RICHMOND, Contra Costa Co., Cal.—Cobbey & Owsley, Call Bldg., San Francisco, general contractors for the American Legion Hall building in Richmond, financed by the county, has awarded the following sub-contracts in connection with the work: (all contractors of Richmond).

James Walker & Co. plaster work; A. H. Winchell and C. Ingram, plastering; Pacific Electrical Mfg. Co., electrical work; Richmond Roofing Co., roofing; Spierch Bros., plumbing and sheet metal work, and San Pablo Lumber Co., lumber.

CALEXICO, Imperial Co., Cal.—Rev. Quinten P. Royer, 536 Rockwood, has taken bids for a two-story brick building in Mexicali for Chinese missionary purposes, 38x101 feet. Cost, \$10,000.

HOSPITALS

SAN FRANCISCO—Clinton Construction Co., 923 Folsom St., at \$1,410,000 awarded general contract by Board of Public Works (Proposition No. 3) to erect Relief Home Buildings, from plans of City Architect John Reid, Jr., First National Bank Bldg. Other contracts awarded were:

J. W. Burchaell, 434 Larkin St., electric fixtures at \$912 (proposition 2).

M. E. Ryan, 621 8th Ave., electric work, at \$55,300 (proposition 1).

F. W. Snook, 536 Clay St., plumbing work at \$139,554 (proposition 3). F. W. Snook, 536 Clay St., Mechanical equipment, \$139,554 (proposition 3).

TORRANCE, Los Angeles Co., Cal.—The Torrance Hospital Assn., Brian K. Welch, director, Washington Bldg., will take bids next week from a selected list of bidders for a fireproof hospital to be built on Engracia Ave., Torrance, by the heirs of J. S. Torrance. Building will provide 26 beds and will be one-story and full basement, with central portion two-story in height. Basement will be reinforced concrete construction and upper part hollow tile. Stucco exterior, clay tile roof, marble and tile work, heating and ventilating systems. Cost, \$70,000. Marjion J. Rist, architect, Santa Fe Bldg., San Francisco.

SANTA ANA, Orange Co., Cal.—Daniels & Farris 818 N. Hillston, Pasadena, submitted low bid at \$121,431 to Santa Ana Valley Hospital Assn., Sept. 15, for 3-story and basement, reinf. conc. hospital at s.w. cor. Grand and Washington Aves., Santa Ana. Hill & Son, Santa Ana, submitted low bid on plumbing. Plans by Frank Lansdown, 211 Commercial Bldg., Santa Ana. Plaster, tile and comp. fl., marble and tile, refrigerating plant, steam hgt. O. T. Moore, Santa Ana, bid \$126,820, and Wm. G. Reed, Long Beach, bid \$131,275.

SANTA ANA, Orange Co., Cal.—O. T. Moore, 949 W. Highland, Santa Ana, has been awarded general contract at \$126,820 by Santa Ana Valley Hospital Association for a three-story and basement reinforced concrete hospital at the southwest corner of Grand and Washington Aves., Santa Ana. Hill &

Son, 213 E. 4th St., Santa Ana, were awarded plumbing contract, and H. O. Ehlen Co., 125 S. Olive St., Orange, will probably be awarded heating. Daniels & Farris, Pasadena, submitted bid of \$121,431 on general contract and Wm. G. Reed, Long Beach, bid \$131,275. Plans by Frank Lansdown, 211 Commercial Bldg., Santa Ana. Plaster exterior, tile and composition roof, marble and tile, refrigerating plant, steam heating.

HOTELS

Completing Plans. STOKES HOTEL, Santa Ana. Cost, \$350,000. RENO, Nevada, Truckee River bank. Four-story class C brick store and hotel about 200 rooms.

Owner—Riverside Hotel Co. Architect—B. G. McDougall, 383 Sacramento St., San Francisco. Contractor—Lindgren Swinerton Co., Standard Oil Bldg., S. F.

Plans will be completed in about a week.

Preliminary Plans to be Prepared. HOTEL, Santa Ana. Cost, \$100,000.

KIAH, Mendocino Co., Cal. (fireproof). Owner—Palace Hotel Co. Architect—Tuttle & Tibb, 357 12th St., Oakland.

LOS ANGELES, Cal.—Arch. Chas. F. Whittlesey, 6533 Hollywood Blvd., has prepared drawings for a \$300,000, 6-story and basement class A hotel-apartment to be erected within 1 year on a 99-year leased site on Las Palmas n. of Hollywood Blvd. for the Business Development Co., 229 Merchants Natl. Bank Bldg. Found. 100x140 ft., 300 rms., reinf. conc. construction.

HEMET, Riverside Co., Cal.—W. H. Bryant, Hemet, has contract at about \$48,000 for part two and part three-story addition to hotel building at Gilman Relief Springs for Gilman Bros. It will contain 46 rooms, steam heating. Excavation started.

PASADENA, Los Angeles Co., Cal.—A. C. Brandt and W. K. Moore, 104 S. Rose Ave., Pasadena, will erect an 18-room additional unit at the Vista Del Arroyo Hotel, Pasadena. Myron Hunt, Hibernian Bldg., Los Angeles, is the architect. Frame construction, stucco exterior, tile roof, hardwood floors, tile baths in each room, steam heating.

CRESCENT CITY, Del Norte Co., Cal.—Chamber of Commerce reports satisfactory progress is being made in financial way for proposed new \$250,000 hotel building to be erected on old Bay Hotel property at Front and H streets. A fireproof structure is contemplated.

Disraeli said: "Confidence is a plant of slow growth." The confidence which architects, contractors, and owners everywhere have in Quandt-quality painting and decorating service has been established through the strictest adherence to the highest standards during the past 40 years. Whether the job is large or small, the paramount interest is to achieve the best result and give full value for every dollar expended. Quandt-quality service is a dependable service and will fulfill all your requirements.

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LOS ANGELES

STOCKTON, San Joaquin Co., Cal.—Lewis and Green, Commercial Bank Bldg., Stockton, will probably be awarded the contract to remodel and erect a two-story addition to the Lincoln Hotel at El Dorado and Market streets, recently purchased by Wong Quen. Preliminary plans for the improvements have already been made.

LOS ANGELES, Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., has the contract at about \$486,000 to erect a 13-story class A hotel bldg. on Vine St., south of Hollywood Blvd for the Hollywood Plaza Hotel, Chas. Danziger and assoc. Walker & Eisen, 701 Great Republic Life Bldg., architects. It will contain 200 rooms each with private bath; dimen. 100x150 ft., reinf. conc. constr. press. brick and terra cotta facing, plate glass, marble and tile work, cem. pine and hardw. fls., basement steam hgt. sys., elev. elevators, hardwood trim, ornam. iron work.

ICE AND COLD STORAGE PLANTS

OAKLAND, Cal.—Consumers Ice Co., San Francisco, has purchased site at Livingston and Cotton Sts., and plans erection of ice manufacturing and distributing plant. Approximately \$75,000 will be expended in construction.

POWER PLANTS

SAN FRANCISCO—Board of Public Works rejects bids for electrical conductors and appurtenances for Ocean View Extension of Municipal Railway system. New bids will be considered Oct. 1. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

WESTWOOD, Lassen Co., Cal.—Engineering Dept. of Red River Lumber Co., under direction of Jos. H. Hunter, has completed about 30 mi. of survey of Hat Creek-to-Westwood power line. Construction of the 60,000 volt transmission line is now under way under the supervision of Richard Harding and Harry Ingraham.

GLOBE, Ariz.—Globe Light & Power Co. has been granted a permit to extend its light service to Midland City and Claypool.

RIVERSIDE, Cal.—So. Cal. Gas Co. main office will expend \$2,500,000 for extension of transmission and distribution lines during the balance of 1924.

MERCED, Merced Co., Cal.—Until Oct. 16, 2 p. m., bids will be rec. by H. P. Sargeant, secy., Merced Irrigation District, Barcroft Bldg., to fur. and install hydro-electric machinery for Eschschuer Power House. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 29, bids will be rec. by bd. pub. wks. for elec. conduits for the 9th St. viaduct, across L. A. river and the tracks of the Santa Fe, U. P. Rys., bet. Santa Fe Ave. and Rio Vista Ave. Spec. file at office city eng., 403 a city hall annex.

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PUBLIC BUILDINGS

Plans Being Figured.
COMMUNITY HOUSE. Cost, \$18,000.
PIEDMONT, Alameda Co., Piedmont
Park.

One-story frame community house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, 712 Mar-
ket St., San Francisco.

Plans were originally prepared for
addition and alterations to present
building, but this idea has been aban-
doned and new plans call for an en-
tirely new structure.

Sub. Contracts Awarded.
BEACH CHALET. Cost, \$43,450.
SAN FRANCISCO, West border Golden
Gate Highway.

Owner—City and Co. of S. F.
Architect—Willis Polk & Co., Hobart
Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harri-
son St., S. F.
Sheet metal to Pacific Metals Co. at
715 Harrison St., S. F., \$300.

VERNON, L. A. Co., Cal.—J. D. Sher-
er & Son, 1865 E Anaheim St., Long
Beach, submitted low bid on gen. cont.
at \$28,513 to city of Vernon Sept. 16 for
new city hall on Santa Fe near Ver-
non Ave. J. M. Enstace, 1246 E 9th St.,
Law on plumbing at \$6693, and H. H.
Walker, 1800 W 12th St., low on elec.
wiring at \$1500. Bids taken under ad-
vertisement. Bldg. will be 2-story and
basement, reinf. conc. and brick const.,
press brick and art stone fac., marble
work, gas htg., ornam. iron, hardwood,
and pane trim and fls. Richard D. King,
archt., 519 Van Nuys Bldg.

LOS ANGELES, Cal.—Until 2 p. m.,
Oct. 14, bids will be rec. by co. super.
for foundation work for the bldg.
known as "Patriotic Hall," 18th and
Figueras Sts. Plans and spec. from
Allied Archts., 1138 Citiz. Nat. Bank
Bldg., L. A., upon dep. \$25.

STOCKTON, San Joaquin Co., Cal.—
Until Oct. 6, 5 p. m., bids will be re-
ceived by A. L. Banks, city clerk, for
plumbing, heating and ventilating for
Memorial Civic Auditorium, Glenn Al-
len, 41 S Sutter St., and Wright and
Satterlee, Bank of Italy Bldg., Stockton
architects. Plans obtainable from ar-
chitects on deposit of \$50 for one di-
visional set; deposit returnable. See
call for bids under official proposal
section in this issue.

PITTSBURG, Contra Costa Co., Cal.
—City votes bonds of \$12,500 (to be
added to \$7500 already available) to
finance erection of new library build-
ing in Ninth St., facing city hall.

RESIDENCES

Contract Awarded.
RESIDENCE. Cost, \$11,353.
PALO ALTO, Santa Clara Co., Cal., NW
Coleridge and Webster Sts.
Two-story frame residence and garage.
Owner—Mrs. A. D. Frost, Palo Alto.
Architect—Warren Skillings, Garden
City Bank Bldg., San Jose.
Contractor—H. A. Spreen, 407 Mathilda
Ave., Sunnyvale.

RESIDENCES. Cost, \$5000 each.
SAN FRANCISCO, E Hazelwood Ave.
60 100 140 180 N Monterey; W Val-
dez 87 187 48 127 N Monterey; SE
Joost and Hazelwood; NW Monterey
and Valdez Sts.; NE Monterey
Blvd. and Hazelwood.
Thirteen 1-story and basement frame
residences.
Owner—Nelson Bros., 950 Monterey
Blvd., San Francisco.
Architect—Chas. F. Strothoff 2274 15th
St., San Francisco.

Figures to be Taken Shortly
RESIDENCE. Cost, \$12,000.
UKIAH, Mendocino Co., Calif.
Two-story frame country residence.
Owner—Mrs. Ingalls.
Architect—B. G. McDougall, 383 Sac-
ramento St., S. F.

General Contract Awarded.
RESIDENCE. Cost, \$9000.
BERKELEY, Alameda Co., Cal. Santa
Barbara Road.
One-story frame and stucco residence
and garage.
Owner—H. C. Tansdel.
Architect—Archie Newson, Nevada 111
Bldg., San Francisco.
Contractor—Leroy M. Baird, 1031 Bay
View, Oakland.
Contracts for plumbing, heating,
electrical work, painting, etc., will be
awarded shortly.

Plans Being Figured.
RESIDENCE. Cost, \$15,000.
SAN JOSE, Santa Clara Co., Cal.
Two-story frame and stucco residence.
Owner—Geo. Kocher, 535 S 15th St.,
San Jose.
Architect—Binder & Curtis, Binder
Bldg., San Jose.

Plans To Be Ready for Figures First
of Next Week.
RESIDENCE. Cost, \$20,000.
ALAMEDA
Two-story and basement stucco Ital-
ian type residence (10 rooms and
4 baths).
Owner—Mrs. S. J. Ackerman.
Architect—W. E. Schirmer, Thayer
Bldg., Oakland.

Low Bidder.
RESIDENCE. Cost, \$25,000.
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame resi-
dence, garage, fountains, land-
scaping, etc.
Owner—A. P. Parker.
Architect—W. H. Ratcliff, Jr., Mercan-
tile Trust Bldg., Berkeley.
Low Bidder—Conner & Conner, 1725
Grove St., Berkeley.

Plans Being Prepared.
BUNGALOW. Cost, \$4000.
BERKELEY, Alameda Co., Cal.
One-story and basement 4-room frame
and stucco bungalow.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110
Sutter St., San Francisco.

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Reinhart Lumber and Planing Mill Company

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General Mill and Cabinet Work, Stock Doors, Sash
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Mission 901-902-903-904 San Francisco

Contract Awarded.
RESIDENCE Cost, \$14,000
BERKELEY, 63rd near Grove
Two-story frame and stucco residence.
Owner—C. D. Emerson Napa, Cal.
Architect & Contractor—Calif. Bldg.
Co., 1636 Franklin St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$11,600
SAN JOSE, SE Cor. Ashbury & Myrtle
Sts., San Jose.
Two-story frame residence and garage
Owner—Harvey R. Herold, South 1st
St., San Jose.
Architect—Chas. S. McKenzie, Bank of
San Jose Bldg., San Jose.
Contractor—George Lindholm, 471 W
San Carlos, San Jose.

Bids to be Opened Today.
RESIDENCE Cost, \$15,000
HILLSBOROUGH, San Mateo Co., Cal.
Hillsborough Heights.
Two-story frame and stucco residence.
Owner—Dr. Allen Benner, San Mateo.
Architect—H. H. Gutterson, 526 Powell
St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$9,500
BERKELEY, Alameda Co., Cal. Leroy
Avenue.
Two-story frame and stucco residence
and garage with tile roof.
Owner—George Jamieson.
Architect—Walter C. Falch, Hearst
Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$25,000
SAN FRANCISCO, 30th Ave. & Irving.
Two-story frame and stucco residence.
Owner—H. H. Eggers.
Architect—Powers & Ahnden, 460
Montgomery St., San Francisco.

Bids to be Taken Next Week.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Santa Ynez &
Olcese Avenue.
Two-story frame and stucco residence
with terra cotta tile roof (8 rooms)
Owner—Joseph Delucchi.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

LOS ANGELES COUNTY, Cal.—H. R.
Braden, a member of the State Board
of Control, in Los Angeles completing
arrangements for immediate con-
struction of cottages to provide for re-
opening of Pacific Colony for feeble
minded; est. cost, \$140,000 and will pro-
vide accommodations for 225 children.
Funds will be asked of the next legis-
lature to provide additional buildings
for 100 more children.

PASADENA, Los Angeles Co., Cal.—
Katharine H. Beach, 288 Bellefontaine
St., Pasadena, will erect a \$20,000 2-
story, 8-room frame dwelling at 750
Prospect Blvd., Pasadena, for Crowell
and Katharine H. Beach. Wallace Neff,
201 Slavin Bldg., Pasadena, is the ar-
chitect. Foundation, 57x63 feet, tile
roof, stucco exterior, hardwood floors
and trim, tile baths and drainboards,
unit heating.

PASADENA, Los Angeles Co., Cal.—
C. C. Johnson & Son, 63 E. Orange
Grove Ave., Pasadena, have the con-
tract to erect an \$18,000, two-story, 8-
room frame dwelling at 1649 Lombardy
Rd., Pasadena, for R. C. Kumer. Wall-
ace Neff, 201 Slavin Bldg., Pasadena,
is the architect. Stucco exterior, single
roof, hardwood floors, pine and enamel
trim, tile baths and drainboards, unit
heating.

SCHOOLS

Low Bidder
ART BLDG. Cost, \$85,000
OAKLAND
First unit of reinforced concrete art
building.
Owner—Mills College.
Architect—W. H. Ratcliff, Mer. Trust
Bldg., Berkeley.
Low Bidder—S. Rasori, 693 Mission St.,
San Francisco.
No decision will be made until next
meeting of the Board Sept. 25th.

SAN FRANCISCO—Board of Public
Works commissions architects to pre-
pare plans and specifications for fol-
lowing school buildings to be financed
through bond issue:
Architects Ward and Blohme, Lafay-
ette school, in S Anza St., bet. 36th and
37th aves.

Architects Frederick H. Meyer and
Albin R. Johnson, Henry Durant School
Buchanan and O'Farrell streets.

Architect John Reid, Jr., Hearst
school, in Webster St., bet. Oak and
Page streets.

G. A. Applegarth, Edison school, in
W Dolores, bet. 22nd and 23rd Sts.

Weeks and Day, Hawthorne school,
in E Shotwell St., bet. 22nd and 23rd
Streets.

It is unofficially reported that the
cost of each of the above structures
will be \$500,000 or more.

Bids Under Advisement.
ART BLDG. Cost, \$85,000
OAKLAND.
First unit of reinforced concrete art
building.

Owner—Mills College.
Architect—W. H. Ratcliff, Mer. Trust
Bldg., Berkeley.

All bids received were rejected on
account of being too high. No decision
will be made until the next meeting of
the Board, Sept. 25th.

LOS ANGELES, Cal.—Archts. Elwin
P. Norberg and Chas. E. Norberg, 704
Union Bank Bldg., has completed plans
for a 1-story top addition to school
bldg., to be erected at the Farmdale
school site, El Sereno and Gambler
Aves., for the bd. of ed. It will have 6
classrooms, brick walls, 67x141 ft., tile
and comp. rfrg., press. brick facing, maple
fls., pine trim; \$45,000.

SANTA CLARA, Santa Clara Co., Cal.
Merris R. Bros., Santa Clara, at
\$380, awarded cont. to erect manual
training shops addition to high school
and at \$2043 for new bleachers and ga-
rage building.

SANTA ROSA, Sonoma Co., Cal.—
K. Zelinsky, 693 Mission St., San Fran-
cisco, at \$1739, submits low bid to
Board of Education to paint interior
of high school auditorium. W. H.
Weeks, architect, 369 Pine St., San
Francisco. Other bids: Metzner and
Christenson, \$2150; P. L. Cunningham,
\$2395; Neal Co., \$2600. Contract will
be awarded to low bidder.

SALINAS, Monterey Co., Cal.—Until
Oct. 9, 7:30 p. m., bids will be rec. by
Frank S. Clark, clerk Salinas Union
High School District, to fur. one verti-
cal sliding hand drilling machine, ap-
prox. 26-in. swing, power feeds, with
and without tapping attachment. Fur-
ther information obtainable from clerk

PRATT'S CONCRETE MIX

By Sand Pratt



WESTERN UNION TELEGRAM

Tulare, Calif., Sept. 22, 1934.

Night Letter Prepaid

Palace Hotel, San Francisco.

Here in the Paradise of America among dove stews, fried chicken,
peach pies and everything. Anyway, Tulare County is fourth county in
United States in value of agricultural products. Norman Hall of Santa Fe,
Supervisor Bill Harrelson and I started this twenty-five years ago when we
encouraged the boys to plant fruit trees, grape vines, alfalfa, etc. Believe it
or not, when I arrived here last Friday they had an old fashioned Tulare
County sandstorm in my honor. I attended Rotary here last Friday, will
attend here next Friday and return to San Francisco on Saturday next.
SANDY PRATT.

SANDY PRATT grew up.

DOWN HERE in Tulare.

AND WHEN Sandy.

WAS A BOY.

A SAND storm meant nothing.

TO SANDY Pratt, producer

OF CLEAN, sharp sand.

FOR CONCRETE, plastering, etc.

SAND WAS sand to Sandy.

AND HIS folks would complain.

BECAUSE THE sandstorm

MADE THE house dirty

BUT NOW Sand is music.

TO THE president.

OF THE Pratt Building Material Co.

AND TULARE County has changed.

THEY NEVER have sandstorms

SO THE natives say.

ONLY WHEN Sandy comes down

AND TALKS to the Rotarians

OR THE Lion's Club

SANDY THINKS

THIS A "sandstorm" he

FOR SANDY makes a good speech.

AND NEVER says a word.

ABOUT SANDY'S rock crushing plant

AT PRATTROCK (near Folsom).

OR HIS sand washing plants.

AT MARYSVILLE and Sacramento.

AND PRATTCO (Monterey County).

"I THANK you."



Sandy Pratt gave this dark lady a
lot of praise about her culinary art,
and as a result she is going about with
a broad grin on her face and is putting
forth every effort to excel her past
record. When Sandy goes visiting he
always makes up to the cook.

NORTH FORK, Madera Co., Cal.—Until Sept. 30, 5 p. m., bids will be rec. by Laura C. Moss, clerk Castle Peak School District to erect new school building. Plans and further information obtainable from clerk.

WHITTIER, L. A. Co., Cal.—Witt & Chute, 2514 W. Santa Barbara Ave., water-bidder at \$19,121 on the new grammar school near Whittier for the Los Nietos School Dist., according to plans and spec. by A. S. Nibesker, Jr., 625 Washington Bldg. Other low bids were: Plumbers, R. V. Miller, Whittier, \$1230; electrical, K. D. Miller, Whittier, \$1558; painting, Drescher & Heinsberger, 2324 W. 10th St., \$2350; septic tank, Long Beach Septic Tank Co., Long Beach, \$750; pump, R. V. Norman, Whittier, \$1050. Bids were taken under advisement.

VENICE, L. A. Co., Cal.—Until 1 p. m., Oct. 15, bids will be rec. by trustees of Venice city schools for 2-story brick grammar school bldg. on Wm. Hume property, Garfield Ave. bet. Lincoln and Washington Bldys., Venice. Plans and spec. by Archt. Francis D. Rutherford, 16 D. Smith, assoc. 205 Mills-Fraser Bldg., Santa Monica and 200 Parkhurst Bldg., Venice. Separate bids will be rec. on general, electrical, plumbing, plumbing and heating, and painting. Cash or cert. check or bond. Deposit of \$10 for plans, to be refunded. A. L. Shipley, clerk. Bldg. will contain 6 classrooms; \$45,000.

LOS ANGELES, Cal.—Archts. Webster, Staunton & Spaulding, 1017 Hibernian Bldg., are preparing plans for a group of high school bldgs. to be erected at the Lincoln high school site on N Broadway for the board of education. There will be a 3-story science bldg., to contain 24 classrooms, a 1-story 60x100 ft. frame and plaster add. to gymnasium bldg. and a 2-story reinf. conc. ceramics bldg.; comp. rig., cement and maple fls., slate blackboards, pine trim, add. to present hgt. sys.; \$270,000.

LOS ANGELES, Cal.—Plans are completed and Sec. A. C. Price was instructed to advertise for bids for erecting the \$60,000 8-room William Cullen Bryant elementary school at Termino Ave. and Fountain St., Long Beach. Theo. C. Kistner and Jacob Furong, 616 Pantages Bldg., L. A., archt. and engr. assoc.

CAMBRIA, San Luis Co., California.—Archit. Orrville Clark, 521 Chapman Bldg., is preparing plans for a high school bldg. to be erected at Cambria for the Cambria Union High School District; it will have an auditorium to seat about 250 people, offices and classrooms. Brick walls, 1-story and basement, comp. rig., maple and cement fls., steam hgt. sys., select rug, brick facing, pine trim; \$60,000.

SAN FRANCISCO—Crown Electric Co., 153 Eddy St., at \$1045 awarded contract by Board of Public Works to furnish and install border lights in Galileo High School auditorium.

REDEMPLEY, Fresno Co., Cal.—Until Oct. 6, 1 p. m., bids will be received by Floyd Caskey, Clerk, Redemply Joint School District, to fur. 375 opera chairs for school auditorium. Further particulars obtainable from clerk on request.

SAN FRANCISCO—I. M. Sommer, general contractor on the Francisco School, has awarded the following sub-contracts in connection with the work: Roofing to J. W. Bender Roofing & Paving Co.; brick work to H. E. Drake; mill work to S. H. Chase Lumber Co.

DINUBA, Tulare Co., Cal.—R. L. Payne, Dinuba, at \$1190 awarded contract by Dinuba High School District to erect manual arts building. Other bids: Davis and Jarrett, \$1590; Woltz and McTea, \$1326. Friend and Kimsey, architects, Dinuba.

LOS ANGELES, Cal.—Plans are completed and Sec. A. C. Price was instructed to advertise for bids for erecting the new \$175,000 unit at the Jefferson Junior high school, Long Beach. Allison & Allison and Wynkoop & Law, assoc. archts. and engs., Hibernian Bldg., L. A., and Kress bldg., Long Beach.

VENICE, L. A. Co., Cal.—Archt. Francis D. Rutherford, D. D. Smith, assoc., 205 Mills-Fraser Bldg., Santa Monica, and 200 Parkhurst Bldg., Venice, have completed plans for a 2-story brick grammar school on Garfield, near Washington, Venice, and Venice city schools. It will contain 6 classrooms, and cost about \$45,000. Call for bids will be issued soon.

LONG BEACH, L. A. Co., Cal.—Andy Sordal, 722 Magnolia Ave., Long Beach was low bidder at \$70,275, for the gen. contr. for erecting the new unit at the John Muir grammar school, Pacific Ave., Long Beach. Other low bids were: L. A. Walchrist, plastering, \$5463; Long Beach Paint & Paper Co., painting at \$3500; Jensen Elec. Co., wiring, \$3450; Thomas E. Williams, plumbing, \$2048; E. Brach, heating, \$8297; Davies and Baume, 1010 Farmers & Merchants Bk., Long Beach, and Richard M. Bates, Brack Shops bldg., L. A., assoc. archts.

ALAMEDA, Alameda Co., Cal.—As previously reported, bids for Alameda High School rejected and new bids asked to be opened Oct. 21. Carl Werner, architect, Santa Fe Bldg., San Francisco. See call for bids under official proposal section in this issue.

PHOENIX, Ariz.—Archts. Lescher & Mahoney, Bank of Ariz. Bldg., are preparing plans for a 2-story class A elementary school at 4th and Van Buren Sts., for St. Mary's Catholic church, Rev. Father Novatus Benzing, pastor. Dimen. 60x159 ft., with add. wing, 37 by 87 ft., basement, reinf. conc. frame fl., and rt. slabs and stairs, brick filler walls, plas. ext., clay tile fl., maple terrazzo and linoleum covered fls., glazed brick corridor wainscoting, steel stud and metal lath, art stone, direct steam hgt.; \$175,000.

COLMA, San Mateo Co., Cal.—Bids will be received until October 8, 1924 at 3 p. m., by the clerk of the Jefferson Union High School District, for furnishing and installing fixtures and window shades for the new reinforced concrete high school building now under construction. Plans may be obtained from the architect W. H. Weeks, 369 Pine St., San Francisco, and Tribune Tower, Oakland.

MAYWOOD, Los Angeles Co., Cal.—J. W. Markel & Son, Santa Ana, were low bidders on general contract at \$31,228 to erect 2-story grammar school building at Maywood for the Maywood School District. Trehwhitt-Shields Co., managers of construction, 506 Western Mutual Life Bldg., Norman F. Marsh, Broadway, and Miral Bldg., Los Angeles, is the architect.

BANKS, STORES & OFFICES

Plans Being Figured. Cost, \$12,000
SHOP & OFFICE
SAN FRANCISCO, W 5th South of Shipley.

Two-story reinforced concrete shop & office bldg.

Owner—Wm. & Arthur Hoelscher.
Architect—Arthur Bugbee, 26 Montgomery St., San Francisco.

Preliminary Plans Being Prepared.
OFFICE BLDG. Cost, \$300,000
SAN FRANCISCO, Sansome near California.

Eight-story class A office bldg.
Owner—Fireman's Fund Ins. Co., 315 Montgomery St., S. F.

Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.

The new building will face Sansome Street and will adjoin the present structure of the Fireman's Fund Insurance Co.

Preliminary Plans Being Prepared.
STORE BLDG. Cost, \$50,000
BURLINGAME, Primrose Rd. and Burlingame Ave.

One-story and mezz. class C store bldg.
Owner—Levy Bros.

Architect—E. L. Norberg, 593 Market St., San Francisco.

Contract Awarded.

ALTERATIONS Cost \$3096
SAN LEANDRO, Alameda Co., Cal.

Alterations to brick store building.

Owner—W. L. Doarte.

Architect—Miller & Warnecke, Artico Bldg., Oakland.

Contractor—Chester Dossett, San Leandro.

Contracts Awarded.

STORE BLDG. Cost, \$—
RICHMOND, Contra Costa Co., Cal., 10th St.

One-story brick store building.

Owner—Richmond Furniture Co. (C. S. Renwick).

Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

General contract awarded to Carl Overaa, 2101 Roosevelt St., Richmond, \$8985.

Brick work to Jas. Walker, Builders Exchange, Richmond, \$4779.

Plastering to A. H. Winchloe, Builders Exchange, Richmond, \$1488.

Roofing to Oakland Roofing Co., Oakland, approx. \$600.

Sheet metal work to Spiersch Bros., Richmond, \$139.

Plumbing to R. A. Washburn, 2111 Barrett, Richmond, \$450.

Heating to G. G. Harrison, 761 22nd St., Richmond, \$379.

Glass to W. P. Fuller Co., Oakland, \$925



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Contract Awarded.
STORE Cost, \$44,124
SAN FRANCISCO, N Market 150 W
Marshall Square.
One-story basement and mezzanine fl.
reinforced concrete furniture store
Owner—Hope Realty Co., 1021 Hearst
Bldg., San Francisco.
Architect—Geo. E. McCrea, 369 Pine St.
San Francisco.
Contractor—Lewis J. Cohn, 110 Sutter
St., San Francisco.

Sub Contracts Awarded.
STORE & OFFICE Cost, \$350,000
SAN JOSE, Santa Clara Co., Cal., 1st
and San Carlos Sts.
Five-story reinforced concrete store &
office building.
Owner—Sainte Claire Realty Co.
Architect—Weeks & Day, 315 Mont-
gomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg.,
San Francisco.
Metal sash awarded to Michel and
Pfeffer, 10th and Harrison Sts., San
Francisco at \$535.
Architectural terra cotta to Gladding-
McBean Co., Crocker Bldg., San
Francisco at \$33,200.

Mill work to Anderson Bros. Planing
Mill & Mfg. Co., Quint and Custer
Sts., S. F. at \$15,445.
As previously reported, excavation
was awarded to Carlin Grading Co.;
pile driving to M. G. McGowan; plumb-
ing to Wm. J. Foster Co., 355 4th St.,
S. F. and electrical work to H. S. Tittle
85 Columbia St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$23,746
SACRAMENTO, Sacramento Co., Cal.,
W 77 1/2 ft. Lot 1, J. K. 12th and
13th Sts.
One-story and basement concrete store
building.
Owner—W. P. Fuller & Co., 10th and
R Sts., Sacramento.
Architect—R. A. Herold, Forum Bldg.,
Sacramento.
Contractor—Geo. D. Hudnutt, Inc., 1915
S St., Sacramento.

Plans Being Prepared.
AUTO BLDG. Cost, \$18,000
OAKLAND, Alameda Co., Cal., Pied-
mont Ave. and Napier St.
One-story hollow tile salesroom and
auto painting building.
Owner—Name withheld for present.
Lessee—Scenic and Commercial Auto
Painting Co.
Architect—Clay N. Burrell, American
Bank Bldg., Oakland.

**Plans Being Figured—Bids Close Sept.
22, 1924.**
ALTERATIONS Cost, \$25,000
SAN JOSE, Santa Clara Co., Cal., 2nd
and San Fernando Sts.
Alter brick store building.
Owner—Dummer Co.
Architect—Binder & Curtis, Binder
Bldg., San Jose.

Contract Awarded.
ALTERATIONS Cost, \$26,500
SAN FRANCISCO, No. 6-8-10 Kearny
Street.
Remodeling restaurant (hollow tile
partitions).
Owner—C. A. Compton, 8 Kearny St.,
San Francisco.
Architect—L. J. Devlin, 821 Market
St., San Francisco.
Contractor—Daniel O'Neill, 273 Minna
St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, \$12,600
SAN FRANCISCO, No. 807 Market St.
Extensive remodeling to office building
Owner—Regal Shoe Co. (Mr. Hibbard),
Architect—Albert Schroeffer, Foxcroft
Bldg., San Francisco.
Contractor—C. L. Goodwin Co., care
architect.

Contract Awarded.
BUILDING Cost, \$11,760
SAN FRANCISCO, E 15th Ave. 125 N
Fulton.
One-story and basement frame bldg.
Owner—Chas. and Emma Borg.
Contractor—G. M. Hantsche, 528 31st
Ave., San Francisco.

**Steel Contract Awarded—Segregated
Figures to be Taken in About a
Week.**
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO, N Post street 160-10
W Powell St.
Ten-story and basement Class A of-
fice and loft building.
Owner—Selah Chamberlain, Mills Bldg.,
San Francisco.
Architect—Bakewell & Brown, 251
Kearny St., San Francisco.
Structural steel awarded to California
Steel Co., Hohart Bldg., San Fran-
cisco, at approximately \$25,000.
Bids on other portions of the work
will be taken in about a week by Mr.
John W. Proctor, Mills Bldg.

Contract Awarded.
BUILDING Cost, \$35,000
NEWARK, Alameda Co., Cal., Blk. 5.
One-story frame building.
Owner—California City and County
Land Co.
Architect—John Carl Thayer 251 Kear-
ny St., San Francisco.
Contractor—C. A. Larrell and A. Cedar-
borg, 457 Douglass, S. F.

Contract Awarded.
STORE BLDG. Approx. \$25,000
BERKELEY, Shattuck Ave. and Vine
Street.
One-story reinforced concrete store
building (5 stores).
Owner—D. Eisenbach.
Architect—A. H. Knoll, Hearst Bldg.,
San Francisco.
Contractor—McWethy & Greenleaf 2910
Telegraph Ave., Oakland.

Contractor Taking Sub-Figures.
STORE BLDG. Cost, \$10,000
BERKELEY, 2213 Telegraph Ave.
One-story reinforced concrete & hollow
tile store building.
Owner—Jewett Estate Co.
Designer & Contractor—McWethy &
Greenleaf, 2910 Telegraph Avenue,
Berkeley.

Plans Being Prepared.
OFFICE BLDG. Cost, \$—
SAN MATEO, 2nd and B Sts.
Two-story brick bank and office bldg.
Owner—Wilson Co.
Architect—Wm. H. Weeks, 369 Pine St.,
San Francisco, and Tribune Tower,
Oakland.

Contract Awarded.
ALTERATIONS Cost, \$10,955
SAN JOSE, Santa Clara and 2nd.
Alterations to building.
Owner—M. Berovich.
Architect—L. J. Joseph, Call Bldg.,
San Francisco.
Contractor—H. Jorgenson, 63 W Santa
Clara, San Jose.

SAN DIEGO, Cal.—Jas. J. Podesta &
Marice Bernardini have purchased 2-
story bldg. at 935 6th St. and will re-
model for restaurant purposes; \$80,000.

Sub Contract Awarded.
STORE & OFFICE Cost, \$350,000
SAN JOSE, Santa Clara Co., Cal., 1st
and San Carlos Sts.
Five-story reinforced concrete store &
office building.
Owner—Sainte Claire Realty Co.
Architect—Weeks & Day, 315 Mont-
gomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg.,
San Francisco.
Heating awarded to Scott Co 243 Minna
St., S. F. at \$11,900.
As previously reported, metal sash
was awarded to Michel and Pfeffer,
10th and Harrison Sts., S. F., at \$535;
architectural terra cotta to Gladding-
McBean Co., Crocker Bldg., S. F., at
\$33,200; mill work to Anderson Bros.
Planing Mill & Mfg. Co., Quint and
Custer Sts., S. F., at \$15,445; excavating
to Carlin Grading Co.; pile driving to
M. G. McGowan; plumbing to Wm. J.
Foster Co., 355 4th St., S. F. and elec-
trical work to H. S. Tittle, 85 Columbia
St., S. F.

TACOMA, Wash.—Rounds-Clift Co.,
Walker Bldg., Seattle, at approx. \$300,000
has contract to complete 18-story
Washington Building, formerly known
as the Scandinavian-American Bank
Building. The structure has been taken
over by the Washington Co., head-
quartered by W. W. Chapin, with whom
is associated several California capi-
talists. The Rounds-Clift contract calls
for brick work, placing of terra cotta,
millwork, etc., all involved in the com-
pletion of the building, on which the
structural steel work has been com-
pleted. Contracts for ornamental iron,
terrazzo, marble, painting, plumbing,
heating, wiring, elevators and mail
outlets will be awarded shortly. Doyle
& Merriam, architects, 1st Natl. Bank
Bldg., Seattle.

RICHMOND, Contra Costa Co., Cal.—
Leo F. Presco, Richmond realtor, has
purchased site with 50-ft. frontage
at northeast corner of 11th St. and
Maddonall avenue and will erect a 2-
story store and office building.

BURLINGAME, San Mateo Co., Cal.—
It is reported that the Pacific Tele-
phone and Telegraph Co. has purchased
a site in Burlingame Ave. from Mrs.
C. D. Hitchcock and plan the erection
of a new building.

HOLLYWOOD, L. A. Co., Cal.—The
Hollywood State Bank, 6800 Santa
Monica Blvd., is having plans prepared
by Mr. McKelvey, 2200 1/2 S Union Ave.,
for a 1-story brick bank building to be
erected at n.w. cor. Highland Ave. and
Santa Monica Blvd. for the bank;
Leonard W. Covert, pres.; F. S. Are-
good, vice-pres. Cost, \$50,000. The bank
will handle const. by day work and
subcontract. Found for 4-story, 40x70
ft., brick walls, face brick and plate
glass exter., comp fl., marble fixtures.

LOS ANGELES, Cal.—David R. Trat-
tner and Hyman Harrison, 740 S Broad-
way, have acquired a site 68x172 ft. on
Hollywood Blvd., bet. Wilcox and Hud-
son Aves., where they propose erecting
a 4-story brick building, on which the
plans work will probably not be start-
ed until latter part of next year. An
archt. has been selected.

WHITTIER, Los Angeles Co., Cal.—
Architects Alfred W. Rea and Chas. E.
Garstang, 903 Trust & Savings Bldg.,
are preparing plans for a one-story and
part basement brick building on E.
Philadelphia St., adjoining Whittier
Savings Bank on east, Whittier, for
Whittier Bldg. & Loan Association; 23
x74 feet, terra cotta or stone facing,
composition roof, steel heating plat-
form, plate glass, marble, tile and hardwood
interior, fireproof vault, toilets. Cost,
\$25,000.

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teachers.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald B. Parkinson, 420 E. Broadway Bldg., have completed plans and are taking bids from selected list of contractors for excavating, masonry and structural steel for history class A bank and office bldg. for Pacific Southwest Trust and Savings Bank adjoining the present bldg. at 6th and Spring Sts. Site is now being cleared. Dimen. 60x160 ft., steel frame constr., terra cotta facing, metal and plate glass store fronts, marble and tile work, fire escapes, elevators, steam htg. \$800,000.

THEATRES

Completing Plans—Ready for Figures in Ten Days.
THEATRE Cost, \$1,000,000.
MOUNTAIN VIEW, Santa Clara Co., Cal. Plans for reinforced concrete stage, office and theatre building.
Owner—Withheld.
Architect—A. A. Cantin, 68 Post St., San Francisco.

GLENDALE, Los Angeles Co., Cal.—J. B. Brown & Co., 241 1/2 E. Broadway. Glendale are having plans prepared for a theatre and commercial building at Stocker St. and Central Ave., Glendale, the theatre to be operated by J. A. Menard and associates. The front portion will be two-story, Class C construction, containing 12 stores and 2 arcades on the ground floor, and apartments and offices above. Theatre will be Class A construction with seating capacity of 1700. 150x211 ft., tile and composition roof, plate glass and metal fronts. It is expected work will be started in about 30 days.

SAN BERNARDINO, San Bernardino Co., Cal.—George Herz Co., 8th and E Sts. San Bernardino, has been awarded the contract to erect a class A theater and office bldg. at cor. 5th and E Sts. San Bernardino, for Frank C. Platt & Co., the theatre will seat 1500 people and there will be 7 stores and lobby. Reinf. conc. constr., 5-sto. and basement, 100x169 ft., plaster and art stone facing, plate glass, comp. rfg., steam htg. elev., mezzanine fl. and balcony, elec. elevators, cem., hardw. and tile fls., marble and staff work. Plans by Archt. Howard E. Jones and J. P. McNeill, assoc., 445 4th St., San Bernardino and J. A. Smith, 301 S. Western Ave., was assn. on theater plans.

LOS ANGELES, Cal. — Preliminary plans are being prepared by the engineering department of the West Coast Theatres, Knickerbocker Bldg., for a Class A theatre store, office and apartment building to be erected on Manchester Ave. near Moneta Ave., for the West Coast Theatres and Ralph Grunau. It will have a seating capacity of about 2000 people with balcony, 6 stores, 12 apartments and several offices. Reinforced concrete construction, 14,324 ft. loge floor pressed brick and terra cotta facing, plate glass, steam heating system, ventilating system.

PASADENA, L. A. Co., Cal.—Archit. Kenneth A. Jordan, 200 E. Colorado St., Pasadena, is preparing plans for a 2-story class C store, theater and office bldg., to be erected on Colorado St. near s.w. cor. Adams St., Glendale, by J. H. Woodward & Son, 208 E. Colorado St., Pasadena, for M. G. Khodigian, 1022 E. Colorado St., Pasadena. Found., 70x212 ft., 900-seat theater, 4 stores, 12 offices; brick walls, stucco exter., steel trusses, stone trim, iron balconies, comp. rf.

WHARVES AND DOCKS

PITTSBURG, Contra Costa Co., Cal.—Geo. W. Jacobs, Stockton at \$997,300 awarded cont. by council to const. municipal fishermen's wharf. Other bids: Renner Foundation Co., \$12,676; A. Kitchen & Co., \$12,860; M. J. McGowan, \$12,886; Leonard F. Youldall Company, \$16,696.

SAN FRANCISCO—See "Government Work and Supplies," this issue.

SANTA ANA, Cal.—McCreary Bridge & Const. Co., 313 N. Ave. 22, Los Angeles, submits low bid to supervisors at \$174,400 for dredged pile wharf at Newport harbor. County will furnish materials.

SAN FRANCISCO, U. S. GOVERNMENT Railroad has authorized sale of \$2,000,000 40-kc. of San Francisco Harbor bonds to finance completion of the waterways project at the China Basin Terminal, foot of Second street. Structure will be combined warehouse and transit shed; terminal pier 850 ft. long; warehouse 342 ft. long. Structure will probably be six stories in height. Frank G. White, Ferry Bldg., San Francisco, chief engineer for commission.

SAN DIEGO, Cal.—Until 3 p. m., Nov. 10, bids will be rec. by city pur. agt. for all labor and mat. except cem., for 930 lin. ft. of steel frame and galv. iron shed, 30 lin. ft. of conc. bulkhead bldg., and steel rolling door, complete for concrete shed and bulkhead bldg. Plans, spec. etc. obtainable at office of pur. agt. upon \$15 deposit, \$10 to be refunded. Cert. check 5%. W. H. Cameron, pur. agt.

ALAMEDA, Cal.—J. H. Baxter & Co., American Bank Bldg., San Francisco, through J. M. Brady, manager of the dredging department, announces the company will expend approximately \$250,000 in improvements on the joint Santa Fe and Southern Pacific line to enable the company to unload its own steamers in loading piers at the Port of San Francisco and Puget Sound. In addition to pier construction, the work will involve dredging.

SAN FRANCISCO, Cal. — The State Board of Harbor Commissioners awarded a contract to Grant and Hart, Army Street Wharf, at \$20,998, the lowest bidders, for the construction of an addition to the shed along Islais Creek Outer Wharf.

LOS ANGELES, Cal.—Until 2:30 p. m. Oct. 3, bids will be rec. by harbor commission, 312 Byrne Bldg., for extension of oil wharf at Berth 168; spec. 655 from harbor engr., Berth 80, San Pedro.

CORONA, Cal. — City trustees will probably call new bids on boat landing project. Whether bids will be called for work complete or for portion of the work has not been determined. J. T. Allen, city engr. Andrew Ervast, and Capt. Harry Jensen have been named supervising engrs.

MISCELLANEOUS BUILDING CONSTRUCTION

FRESNO, Fresno Co., Cal.—Until Oct. 1 5 p. m., bids will be rec. by L. L. Smith, secy. Board of Education, 2525 Tuolumne St., Fresno, to fur. 19 more or less, garbage containers of following specifications: 4 ft. wide, 3 ft. high, 5 ft. long, to be made out of 20 gauge galvanized iron properly riveted but not soldered, reinforced with 1x1 angle iron around the top of the can and edge of the cover. 1 pair of 1-inch strap hinges properly riveted, together with 6-inch safety hasp; door to be made in one piece. Cert. check 10% payable to Pres. of Bd. of Educ. req. Further information obtainable from secretary.

SAN FRANCISCO—Until Sept. 29, 3 p. m., bids will be rec. by Leonard S. Leary, city purchasing agent, 170 City Hall, to fur. Portland Cement. Further information obtainable from above office.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 17, 2 p. m., bids will be rec. by H. E. Miller, county clerk, for alterations and additions to courthouse. Allen C. Collins, architect, Rm. 15, People's Bank Bldg., Santa Cruz. Will be 25x15 ft. brick construction. Plans obtainable from architect on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

MONTEREY, Monterey Co., Cal.— Property losses known to date in the Monterey fire are segregated as follows: Associated Oil, \$600,000; Standard Oil, \$150,000; Funston & Gross cannery, \$100,000; Calif. Canners, \$100,000; Laybrite Warehouse, \$100,000; government forage warehouse, \$15,000; government fire apparatus, \$5000; A. C. Heidrick residence, \$3000; Feldon W. Gilmer residence, \$7000; Dr. A. Szody residence, \$5000; A. H. Johnson residence, \$5000; Manuel Muniz residence, \$5000; telephone and telegraph lines, \$3000; Southern Pacific, \$2000.

LOS ANGELES, Cal.—Subway Terminal Corp. has been authorized by state corporation commissioner to issue bonds in sum of \$3,500,000 to finance a subway terminal and 12-story office bldg. on the P. E. Hill St. station site. Pacific Electric Co. reports negotiations under way to effect transfer of the property to the terminal.

MERCED, Merced Co., Cal. — Until Oct. 8, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to fur. and erect 1350 lin. ft. wire fencing with wire gates and metal posts at Public Cemetery Grounds, Merced. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from W. E. Bedesen, County Surveyor, on deposit of \$5, returnable.

MERCED, Merced Co., Cal. — Until Oct. 11, 10 a. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, Eastern Bldg., Merced, for either 10,000, 25,000, 50,000, 100,000, 200,000 or approx. 350,000 lbs. Portland Cement in carload lots, delivered f. o. b. Exchequer. Cert. check 5% payable to district rec. See call for bids under proposal section in this issue.

APTOS, Santa Cruz County Calif. — Brown Construction Company, Madera, at approx. \$650,000 has contract to erect \$350,000 clubhouse; \$75,000 golf links; \$60,000 dam across mouth of Aptos Creek; 10 six-room residences; \$35,000 bachelor quarters; \$28,000 swimming tank and other construction for the Shore Acres Country Club. The improvement is on a portion of the Spreckels Ranch.

VENICE, Cal. — City trustees plan bond election for \$1,205,600 to finance subway, \$18,000; removal of cans at incinerator, \$10,000; auditorium, \$242,000; city hall, \$175,000; library, \$10,000; fire alarm and police control, \$125,000; street lighting, \$40,000; \$25,000; \$225,600; comfort stations, \$20,000; sewer outfall, \$300,000.

LINCOLN, Placer Co., Cal.—City trustees approve plans for municipal swimming pool; est. cost, \$14,000 of which city will pay \$4000, balance being donated by Mrs. M. W. McBean of San Francisco.

VALLEJO, Solano Co., Cal.—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco at approx. \$218,63 awarded contract by city council to furnish reinforcing steel and wire mesh for Gordon Valley Dam in connection with municipal water project.

LOS ANGELES, Cal.—The L. A. Library Board has rejected all bids received Aug. 13 for the new central library building at 5th St. and Grand Ave. and will readvertise the job, date for receiving bids probably Sept. 10. Set at meeting of library board on Sept. 22. A few minor changes will be made to the plans. Carleton M. Winslow, archt., 921 Van Nuys Bldg.

VERNON, L. A. Co., Cal. — J. D. Sherer & Son, 1865 E. Anaheim Rd., Long Beach, was awarded the general contract at \$98,513 to erect a new city hall on 4-acre site of Santa Fe Ave. near Vernon Ave. for the city of Vernon; the bldg. will contain courtroom, offices, jail cells, kitchen, fire engine and firemen quarters, living apt., police offices, etc. The building probably of brick and cast stone facing, 2-story and basement, cement and hardw. fls., pine and hardw. trim, tile and marble work, ornam. iron work, storage water tr. Richard D. King, 519 Van Nuys Bldg., archt.

Official Proposals

NOTICE TO BIDDERS

(Merced Irrigation District, Merced County, Cal., Hydroelectric Machinery)

Notice is hereby given that sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District in the Barcroft Bldg., Merced, Calif., until **Thursday, October 16, 1924, at 2 o'clock P. M.** for the Hydro-Electric Machinery for the Exchequer Power Plant at the Exchequer Dam on the Merced River in Mariposa County, California.

There will be two units, each consisting of one 15,625 KVA water wheel type generator, driven by and direct connected to variable head water turbines, together with necessary exciters, governors, switchboard, switches, transformers, etc., all as described in the specifications therefor on file in the office of said District.

All equipment covered by said specifications must be shipped so that it will arrive at the Exchequer Dam site after August 1st, 1925, and prior to October 1st, 1925, except as hereinafter noted under the head of "information for Bidders."

Plans and specifications for said machinery can be seen at said office of said Board and copies thereof will be furnished upon application accompanied by a deposit of \$15, to be repaid to all bidders and to all others upon the return by them of the plans and specifications in good and acceptable condition not later than October 16, 1924.

Said Board will be in session at its said office at 2 o'clock P. M., on said 16th day of October and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bids must be on the proposal forms bound with said specifications. Bidders may submit bids upon either or all schedules bound with said proposal form, but no proposal will be considered for a part of any schedule.

Each proposal must be accompanied by a certified check for five per cent of the amount of the bid, payable to the order of the Merced Irrigation District, as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid conditioned for the faithful performance of said contract, said bond to be subjected to the approval of said Board.

The proposal must be marked to indicate that it is a proposal for the Hydro-Electric Machinery for the Exchequer Power Plant and should be addressed to Merced Irrigation District, Merced, California.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District, adopted August 19, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of
Merced Irrigation District.

NOTICE TO CONTRACTORS

(Conthouse Addition—Santa Cruz)

Office of the Board of Supervisors of the County of Santa Cruz, State of California.

Sealed proposals are invited by said Board of Supervisors for alterations and additions to the Santa Cruz County Hall of Records, in the City of Santa Cruz, State of California, in accordance with the plans and specifications prepared by Allen C. Collins, architect, and accepted by said Board of Supervisors on September 18, 1924.

Proposals must be made on blank forms which will be furnished by said architect upon application.

Blue prints of the plans and specifications may be obtained from said

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

architect, at his office, Room 16, People's Bank Building, Santa Cruz, California, on deposit of \$10.00, which will be refunded upon the return of said plans and specifications in good condition.

Bids will be received up to and including **Tuesday, October 7, 1924, at 2:00 o'clock p. m.**, at which time said bids will be publicly opened. Said bids must be addressed to the Clerk of the Board of Supervisors, and endorsed "Proposal for alterations and additions to the Hall of Records."

The Board reserves the right to reject any and all bids.

By order of the Board of Supervisors:
Dated: September 19, 1924.
H. E. MILLER,
County Clerk and ex-Officio Clerk of
said Board.

NOTICE TO BIDDERS

(For Furnishing Portland Cement to Merced Irrigation District)

Notice is hereby given that alternative sealed proposals for furnishing either 10,000, 25,000, 50,000, 100,000, 200,000, or approximately 350,000 barrels of Portland Cement will be received by the Board of Directors of Merced Irrigation District at its office in the Barcroft Building in the City of Merced, State of California, at any time up to **10 o'clock A. M., of Saturday, October 11th, 1924**, at which time and place all bids so received will be opened in public by said Board, and thereafter the contract for the purchase of such quantity of said material as the Board may determine will be awarded to the lowest responsible bidder therefor, but said Board reserves the right to reject any and all bids.

Specifications of said material and terms of furnishing of the same may be seen and copies thereof obtained at said office of said Board.

Said cement shall be delivered to said District in carload lots of 5,000 b. Exchequer. The District reserves the right to divert, from time to time, any portion of the cement to be delivered, to: Merced, Starr Siding, Pleasant Valley, Merced Falls or Jasper instead of Exchequer, in which event due adjustment in price shall be made to cover difference in freight rates to these points, but said amount so to be di-

verted is estimated at not to exceed in any event, 50,000 barrels.

Any bidder to whom a contract for furnishing cement as aforesaid is awarded must furnish a bond as provided by law in the sum of at least 25 per cent of the contract price conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's certified check payable to Merced Irrigation District for an amount equal to not less than 5 per cent of the total amount of the bid, or of the bid for the greatest amount of cement, in case the proposal covers more than one quantity, as a guaranty that if the bid is accepted, the bidder will within ten days after its acceptance, enter into a contract with the District to furnish cement as provided in said bid and said specifications and to furnish the bond aforesaid.

All proposals must be in sealed envelopes addressed to Merced Irrigation District, Merced, California, and marked to indicate that they are proposals for furnishing cement for Merced Irrigation District.

Dated at Merced, California, September 26, 1924.

By order of said Board of Directors
H. P. SARGENT,
Secretary.

NOTICE TO CONTRACTORS

(Wharf Repairs—Fort McDowell)

OFFICE (CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until **11 A. M., Sept. 26, 1924**, for driving piles, etc., for repair of wharf at Fort McDowell, Calif. Information upon application.

NOTICE TO CONTRACTORS

(Office of the Secretary of The Board of Education of the City of Alameda)

NOTICE IS HEREBY GIVEN that the Board of Education of the City of Alameda, and of Alameda High School District of Alameda County hereby calls for sealed proposals to be delivered to the Secretary of said Board, City Hall, Alameda, California, until **Tuesday, the 21st day of October, 1924, at 8 o'clock P. M.**, at which time said bids will be opened for the erection and completion of a new building to be used in connection with the present Alameda High School Building and for the making of alterations to the present Alameda High School Building. Both buildings are located on the block bounded by Central Avenue, Oak Street, Alameda Avenue and Walnut Street, Alameda, California. These bids shall be presented in accordance with plans and specifications for said work on file in the office of the Secretary, Assistant of Construction for the Board of Education, Room Number 9, City Hall, Alameda, California.

Separate bids will be received for:
1—General Work, including Excavating and Grading Work; Concrete and Reinforcing Steel; Dampproofing; Structural Steel; Miscellaneous and Ornamental Iron; Carpentry Work; Mill Work; Glass and Glazing; Tile Work; Terrazzo Work; Marble Work; Mastic Work; Magnesite; Rubber; Linoleum; Metal Toilet and Shower Stalls; Finish; Hardware.
2—Brick and Hollow Tile Work.
3—Lathing and Plastering.
4—Plumbing.
5—Heating and Ventilating.
6—Electric and Work.
7—Sheet Metal Work.
8—Roofing.
9—Painting.
10—Alterations to existing High School Building.
On a deposit of Twenty-five (\$25.00)

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR FRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

Builders plan, and specifications for all work of this building to be done by the contractor. The contractor to be selected by the architect on application to said Superintendent of Construction at his office, to be made on or before the 14th day of October, 1924.

1. Plumbing seven (7) days.
2. Heating and Ventilating seven (7) days.
3. Electrical Work seven (7) days.
4. Sheet Metal Work seven (7) days.
5. Painting five (5) days.
6. Finishing seven (7) days.
7. Allocation to existing High School Building—fourteen (14) days.

If the plans and specifications are not returned to the Superintendent of Construction within the time above specified, or are returned in a mutilated or discolored condition, the deposit shall be retained by the said High School District as agreed and liquidated damages for said mutilation or detention, and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Superintendent of Construction, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to C. J. Du Four, Secretary of the Board of Education of Alameda, and of Alameda High School District of Alameda County, to be retained by the said High School District as agreed and liquidated damages should the bidder or parties to whom the contract is awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5,000.00) Dollars—but for all bids of less than Fifty Thousand (\$50,000.00) Dollars—said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form obtained from the Superintendent of Construction.

Bids will be opened by the Board of said District on Tuesday, the 21st day of October, 1924, at eight o'clock P. M., in the Board Room No. 9, Second Floor of said City Building in said City of Alameda. The Board reserves the right to reject any and all bids or any or all items of such bids.

C. J. DU FOUR,
Secretary of the Board of Education of Alameda, California.

NOTICE TO CONTRACTORS

(San Marcos National Forest Highway)

Sealed proposals for constructing the above-named National Forest Highway located within the Santa Barbara National Forest, Santa Barbara County, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, No. 9 Main Street, San Francisco, California, until 10 o'clock A. M. on the 20th day of October, 1924, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project is located north of San Marcos Pass about 16 miles from Santa Barbara, California, and is approximately 4.6 miles in length. The principal items of work are approximately as follows:

- Clearing, 25 acres.
- Excavation, unclassified, 170,000 cu. yds.
- Class "A" Concrete, 250 cu. yds.
- Class "C" Concrete, 140 cu. yds.
- Reinforcing steel, 27,000 lbs.
- Corrugated metal pipe, 3,650 lin. ft.
- Crushed rock surfacing (optional) 8,530 cu. yds.

Construction shall be started within fifteen days after notice of award of contract has been given to the contractor and shall be completed within

200 weather working days after said notice of award of contract is given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

100 Bay Bldg., 9 Main St., San Francisco, Calif.

Associated General Contractors, 430 Douglas Bldg., Los Angeles, Calif.
U. S. Forest Service, P. O. Bldg., Santa Barbara, Calif.

The Bureau has available for loan to contractors on a rental basis, equipment at Government Island, Oakland, California, as listed in the specifications. Bidders will state in his bid the Government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are also available according to the terms of the specifications. Corrugated metal pipe will be furnished by the Government.

Plans and specifications will be furnished contractors who contemplate bidding, on a showing of financial ability and experience and upon deposit of a check for \$10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

September 23, 1924.

BIDS WANTED FOR PLUMBING, HEATING AND VENTILATING

(Stockton Memorial Civic Auditorium—Amended Specifications)

Sealed bids will be received at the office of the City Clerk of the City of Stockton in the annex to the "Hotel Stockton", northeast corner of El Dorado Street and Weber Avenue, up to 5:00 o'clock p. m., on the 6th day of October, 1924, for the plumbing, heating and ventilating for the Memorial Civic Auditorium, to be built on Block 25 West of Center in the City of Stockton, State of California.

Plans and specifications as amended to date, may be seen at the office of Glenn Allen, No. 41 South Sutter Street, or Wright & Satterlee, Bank of Italy Building, Stockton, California, upon deposit of Fifty Dollars (\$50.00) for one (1) divisional set.

Deposit will be refunded upon the return of the plans and specifications upon the date specified, accompanied by a bona fide bid and certified check, in the amount hereinafter provided for.

Upon receipt of plans and specifications, as amended to date, contractor shall immediately examine and determine if they wish to bid. If not, the plans and specifications, as amended to date, must be returned to the architects within five (5) days of receipt of same. Contractor not returning said plans and specifications within this time or putting in a bona fide bid, accompanied by certified check, will forfeit his deposit on said plans and specifications.

All bids to be upon forms furnished by the architects and all bids must be accompanied by a certified check in the amount of ten (10%) of the amount of the bid, made payable to the City Auditor of the City of Stockton. (Bids and bond will not be accepted to secure the execution of the contract and bonds by the successful bidder.)

The City Council reserves the right to reject any or all bids.

Dated: September 22, 1924.
A. L. BANKS,
City Clerk of the City of Stockton.

ADDENDUM BY CITY CLERK
It is suggested that bidders endorse on envelopes or contracts their names and addresses; together with a clear notation that the same is a bid.

A. L. BANKS,
City Clerk of the City of Stockton.

BIDS WANTED FOR HOLLOW TILE AND REINFORCED CONCRETE LAUNDRY BLDG.—PALO ALTO

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11:00 A. M. October 7, 1924, and then there publicly opened for the construction and finish of a Laundry Building at U. S. Veterans' Hospital #24, Palo Alto, California. The building will be of hollow tile and stucco with concrete foundations, reinforced concrete floor, columns and roof slab, hollow tile partitions, tar and gravel roof, steel sash, plumbing, heating and electrical work. Plumbing fixtures will be supplied by the Government but set and connected under this contract. Laundry machinery and equipment will be supplied, set and connected by the Government. PROPOSALS will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. Plans and specifications may be obtained upon application to the Construction Division, U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., or to the Medical Officer in Charge, U. S. Veterans' Hospital No. 24, Palo Alto, California, upon deposit of check or postal money order for \$10.00 payable to the TREASURER OF THE UNITED STATES, to guarantee a return within ten days after date of opening proposals.

FRANK T. HINES, Director,
September 3, 1924.

NOTICE TO CONTRACTORS

(Customhouse Repairs—San Francisco)

OFFICE OF THE SUPERVISING SUPERINTENDENT, 402 P. O. Bldg., San Francisco, Cal., Sept. 5, 1924—Sealed proposals will be received at this office until 12 o'clock M., Sept. 29, 1924, and then opened for repairs to floors, stairs, sidewalks, etc., at the U. S. Custom House, San Francisco, Cal., in accordance with specifications; copies of which may be had at the office at the discretion of the Supt. WM. ARTHUR NEWMAN, Supt.

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1924

Engineering News Section

BRIDGES

LASSEN COUNTY, Calif.—Horn, Hart and Savage, Red Bluff, at \$50,067 (engineer's estimate \$46,331) awarded cont. by State Highway Commission to const. seven small bridges and weir across Pitt river, near Belber, Lassen county, on Redding-Alturas lateral.

STOCKTON, San Joaquin Co., Cal.—M. B. White, 722 N. San Joaquin St., Stockton, at \$1230 awarded cont. by supervisors to const. bridge on Gillis road. Other bids: F. A. Hackman, \$1365; A. E. Burtchael, \$1660; G. W. Jacobs, \$1877; A. S. Dickson, \$1800.

HOLBROOK, Ariz.—L. C. Lashmet, Flagstaff, Ariz., award. contr. by state highway dept. and super. at \$12,394.60 for const. of T. Jee bridge on the Holbrook-Winslow highway, fed. aid unclass \$3.50 yd., 220 cu. yds. A conc. \$22 yd., 52 cu. yds. B conc. \$21 yd., 33-860 lbs. reinf. steel 3.5c lb., 800 lin. ft. conc. piling 10c ft. state fur. mat., \$397.05; total, \$18,373.65; grand total, incl. 10% engr., \$18,011.01.

YUBA CITY, Sutter Co., Cal.—Until Oct. 7, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, to const. Nicolaus Causeway over Feather River near town of Nicolaus. Cert. check 10% payable to Chairman of Bd. of Sup. rec. Plans on file in office of clerk. Wm. Sherer, county surveyor.

YUBA CITY, Sutter Co., Cal.—Until Oct. 7, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, for repairs to north portion of Tisdale Weir Bridge. Cert. check 10% payable to county rec. Plans on file in office of clerk. Wm. Sherer, county surveyor.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 13, 12 m., bids will be rec. by W. W. Feil, Jr., county clerk, to const. reinf. conc. bridge on Santa Rosa-Guerneville road in 3rd Sup. Dist., involving 107 cu. yds. A conc.; est. cost \$3500. Plans obtainable from clerk on deposit of \$10, returnable. E. A. Peugh county surveyor.

PETALUMA, Sonoma Co., Cal.—Until Oct. 6, 8 p. m., bids will be rec. by G. V. Roberts, city clerk, to const. conc. retaining wall on Thompson Creek from 7th St. 100 ft. northwesterly. Cert. check 10% rec. with bid. Plans on file in office of clerk.

SAN RAFAEL, Marin Co., Cal.—Comfort and Golden, San Rafael, at \$1485 awarded cont. by supervisors to const. reinf. conc. culvert on Salmon rd. and at \$2280 to const. corr. pipe culvert and conc. end walls on Bolinas and Olema road.

GILROY, Santa Clara Co., Cal.—Wm. Martin, Palo Alto, at \$4665 awarded cont. by city trustees to const. reinf. conc. bridge over Mill slough within city limits.

KERN COUNTY, Calif.—J. L. Webster, Chico, at \$29,300 awarded cont. by State Highway Commission to const. reinf. conc. girder bridge over Cottonwood Creek about 7½ mi. n.e. of Edison, consisting of four 50-ft. spans and five 22-ft. spans. Engineer's estimate \$43,015.

BUTTE COUNTY, Calif.—R. B. McKenzie, Gerber, Calif., at \$10,737.50 awarded cont. by State Highway Commission to const. reinf. conc. bridge in Butte County over Cherokee Canal By-Pass, about 1-mi. east of Richvale, consisting of five 30-ft. spans. Engineer's estimate \$13,230.

LOS ANGELES, Cal.—Thos. Kelly & Sons, Inc., 601 Hillstreet Bldg., submitted low bid at \$153,228.61 to bd. pub. wks. for const. Tropico bridge across Los Angeles river, on Los Feliz Blvd., involy. reinf. steel, 4800 cu. yds. class A conc., 875 cu. yds. class C conc.; 15,500 lin. ft. piling in place, handrail complete, and 9200 cu. yds. earth fill. Bids were:

Thos. Kelly & Sons — \$30,710 steel; \$18,700 A conc.; \$13,350 C conc.; 66c piling; \$5809.86 handrail; 50c fill; total \$153,228.61.

Salih Bros. — \$26,800 steel; \$18,900 A conc.; \$18,900 C conc.; 90c piling; \$6050 handrail; 65c fill; total \$160,037.50.

Ross Const. Co. — \$30,000 steel; \$18 A conc.; \$26 C conc.; \$1 piling; \$3000 handrail; 50c fill; total \$162,250.

McKay-Schruth Engr. Co. — \$26,900 steel; \$18 A conc.; \$18 C conc.; 90c piling; \$3871 handrail; 80c fill; total, \$164,231.

deWaard & Sons — \$28,584 steel; \$21,500 A conc.; \$20,750 C conc.; \$1 piling; \$8000 handrail; \$1 fill; total, \$182,640.25.

Chas. and Geo. K. Thompson — \$34,450 steel; \$22,500 A conc.; \$22,500 C conc.; 75c piling; \$6500 handrail; 50c fill; total, \$183,862.50.

S. M. Kerns — \$30,000 steel; \$17,20 A conc.; \$4 piling; \$1000 handrail; 30c fill; total \$193,370.

C. E. Green — \$33,500 steel; \$25 A conc.; \$25 C conc.; 70c piling; \$4500 handrail; 50c fill; total \$195,325.

Gibbons & Reed Co. — \$39,000 steel; \$34,500 A conc.; \$34,500 C conc.; \$1.25 piling; \$10,000 handrail; 50c fill; total, \$262,762.50.

SAN RAFAEL, Marin Co., Cal.—Comfort and Golden, San Rafael, at \$3395 awarded cont. by supervisors to const. reinf. conc. bridge over Pine Gulch.

BAKERSFIELD, Kern Co., Cal.—Renner Foundation Co., 628 Montgomery St., San Francisco, at \$23,375 submitted low bid to California Joint Highway District to const. 4 bridges on Maricopa-Santa Maria highway, a road being constructed by Kern, San Luis Obispo and Santa Barbara counties. Other bids received were rejected. The bids were: Proctor & Cleghorn, Santa Rosa, \$28,772; C. C. Glidersleeve, Fresno, \$28,765; J. F. Shepardson, Bakersfield, \$29,738.34; William Ledbetter, Los Angeles, \$28,932; Tibbals, Percival and Cress, Sacramento, \$25,687; Theodore M. Maino, \$27,141.

OROVILLE, Butte Co., Cal.—Western Pacific R.R. has started construction of steel and concrete bridge over Meyers street to replace wooden structure. Work under supervision of H. L. McFall, construction engineer for r.r.

LOS ANGELES, Cal.—Thos. Kelly & Sons, 601 Hillstreet bldg. submitted low bid to bd. pub. wks. at \$288,109 on (a) viaduct complete per plans, and at \$190,479 on (b) w. abutment, river span, abutment, and a approach, for May St. viaduct across L. A. river and tracks of A. T. & S. F. Ry. and U. P. Ry., bet. Mission Rd. and Howard St. Bid on proposition (a) involves arch centers at \$9847 lump sum, 146,000 lbs. reinf. steel at 4.75c per lb. \$7000 cu. yds. A conc. at \$15 per yd., 3900 cu. yds. C conc. at \$13.45 per yd., 1000 cu. yds. D conc. at \$13.45 per yd., earth fill at \$1 per yd., conc. curb at 60c lin. ft., cem. gutter at 30c sq. ft., walk at 17c sq. ft., curbs around column bases at \$935 l. s. remod. existing storm dr. and san. sew. \$2483 l. s., remov. existing bridge at \$5075; alternate (b) involves arch centers at \$9847 l. s., 715,000 reinf. steel at 4.75c per lb., 4600 cu. yds. A conc. at \$16.40 yd., 3750 cu. yds. C conc. at \$13.45 per yd., 900 cu. yds. D conc. at \$13.45 per yd., earth fill at \$1 per yd., curb at 60c lin. ft., gutter at 30c sq. ft., walk at 17c sq. ft., remod. existing sew. at \$760 l. s., remov. existing bridge at \$5075. The structure will be 1200 ft. in length, the river arch span being 215 ft., 50 ft. rdwy., two 5-ft. walks. Acceptance of above propositions depends upon arrangements made with railways. Totals on other bids are: Salih Bros., (a) \$313,230, (b) \$215,656; Ross Constr. Co., (a) \$319,259, (b) \$205,446; North-Pacific Constr. Co., (a) \$320,486, (b) \$237,116; Chas. Thompson, (a) \$349,179, (b) \$221,963.

PRESCOTT, Ariz.—Howard Constr. Co., Cottonwood, awarded cont. by Yavapai co. highway comm. at \$10,537 to const. Fossil Creek bridge.

SANTA ANA, Cal.—Until 11 a. m., Oct. 7 bids will be rec. by supervisors to const. retaining walls around the piers of the East Chapman Ave. bridge in Orange. The cost will be shared by the county and city of Orange. Excav. of grav. from the river bed is said to be undermining piers. J. L. McBride, co. rd. comm.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SANTA ANA, Cal.—Committee of 50 working on harbor plans report is said to be favorably disposed toward recommending to the super. the calling of a \$1,500,000 harbor bond election.

HANFORD, Kings Co., Cal.—Steps are being taken to organize North Central Reclamation District, embracing 5440 acres lying in the (now dry) Tulare Lake Basin. T. R. Gregory, attorney, has petitioned the county supervisors to call election to organize the district, which, if formed, will undertake the construction of an extensive system of levees.

SAN DIEGO, Cal.—Bids to const. 3000 ft. bulkhead to reclaim 70 acres of land s. of Market St. will be called for by harbor comm. shortly.

LOS ANGELES, Cal.—City playground comm. will ask bids at once to const. sea wall back of Cabrillo Beach, Pt. Firmin in anticipation of early consummation of plans for an 88-acre municipal beach, with breakwater 4400 ft. in length from Pt. Firmin to base of govt. breakwater. The lagoon impounded would be 15 ft. in width, behind the entire length of the jetties. The 88-acres proposed is to be reclaimed, now being under water.

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IRRIGATION PROJECTS

CALIFORNIA. Following is a partial list of applications filed during month of August, 1924, with the State Department of Public Works, Division of Water Rights. Subsequent law permits to appropriate water (Edward Hyatt, Jr., acting chief of division):

App. 4132 (San Joaquin County) J. M. O'Brien, San Francisco, 125 cu. ft. per sec. from South Fork North Yuba River, for power purposes. 1455 T.H.P. to be developed. Est. cost \$50,000.

App. 4133 (Nevada) Geo. Bonadoni & Water & Power Co., Smartsville, Cal., 60 cu. ft. per sec. and storage of 52,000 ac. ft. from Deer Creek tributary to Yuba River, for generation of electrical energy.

App. 4138 (Placer & Nevada Counties) Bear River Water & Power Co., Box 22, Auburn, Cal., 250 cu. ft. per sec. and 100,000 ac. ft. storage from Bear River tributary to Feather River, for generation of electrical energy of 42,994 T.H.P.

App. 4139 (Placer and Nevada Counties) Bear River Water & Power Co., Box 22, Auburn, Cal., 250 cu. ft. per sec. and 100,000 ac. ft. storage from Bear River, for irrigation of about 200 acres in Placer County.

App. 4143 (Riverside Co.) Dr. F. K. Strasser, Hemet, Cal., 250 cu. ft. per sec. from Babist Canyon tributary to Colhulla watershed for domestic and irrigation on 200 acres.

App. 4144 (Del Norte Co.) Ed. Hight, Smith River, Del Norte County, Cal., 1 cu. ft. per sec. from Morrison Creek tributary to Smith River, for domestic and agricultural purposes on 80 acres. Est. cost \$1000.

App. 4145 (Trinity Co.) C. A. Austin, Sunnyvale, Cal., Santa Clara County, 2000 miners inches or 50 cu. ft. per sec. from New River tributary to Trinity River, for placer mining purposes. Est. cost \$8000.

App. 4149 (Santa Barbara Co.) K. C. Wallace, 825 Bartlett Bldg., Los Angeles, Cal., 50 cu. ft. per sec. from two unnamed streams tributary to Guayma River for irrigation and domestic purposes on 60 acres. Est. cost \$2000.

App. 4153 (Siskiyou Co.) Joe Franklin John and Joe Quadros, of Ager, Siskiyou Co., Cal., 230 cu. ft. per sec. from Bogus Creek tributary to Klamath River for irrigation of 224 acres. Est. cost \$1000.

App. 4158 (Nevada Co.) Excelsior Water & Power Co., Sacramento, Cal., 60,000 ft. storage from Deer Creek, tributary to Yuba River for irrigation of 18,000 acres.

App. 4161 (San Joaquin Co.) Mary Vane Crocker-Isco, Cal., 3.80 cu. ft. per sec. from Old River tributary to San Joaquin River, Rancho El Pescadero, for irrigation of 305.98 acres in Rancho El Pescadero. Est. cost \$12,000.

App. 4165 (Siskiyou Co.) E. S. and Kate C. Hart, Montague, Cal., Siskiyou Co., 2000 ac. ft. storage from Little Shasta River for irrigation of 1706.6 acres.

App. 4166 (Lassen Co.) J. B. Christie & H. D. Chapman, Susanville, Cal., .025 cu. ft. per sec. from Wild Rose Spring tributary to Eagle Lake, for domestic purposes. Est. cost \$2500.

App. 4167 (San Diego Co.) Edward B. Hurt, Box 11, Santa Ysabel, Cal., 12

ac. ft. storage from an unnamed wash for domestic use, stock watering and irrigation on 5 acres. Est. cost \$2500.

App. 4169 (San Diego Co.) Joseph Porgi, Chula Vista, San Diego Co., Cal., .39 cu. ft. per sec. from well in Valley of Sweetwater River within 15 acre tract, for domestic use, stock watering and irrigation of 15 acres. Est. cost \$1500.

App. 4170 (Contra Costa Co.) E. W. Newell, Walnut Creek, Contra Costa Co., al., 50 cu. ft. per sec. from Walnut Creek, for irrigation of 50 acres. Est. cost \$1000.

App. 4171 (San Diego Co.) Harkey M. Macdonald, Downey, Los Angeles Co., Cal., 10 ac. ft. storage from unnamed springs for domestic use and irrigation purposes on 80 acres. Est. cost \$2000.

App. 4173 (Los Angeles Co.) D. O. Maxwell and Della M. Maxwell of Elizabeth Lake, Los Angeles Co., Cal., .75 cu. ft. per sec. from Elizabeth Lake (Castaic) Creek, for domestic use and irrigation purposes on 80 acres. Est. cost \$5000.

App. 4176 (Riverside Co.) H. G. Tarbett, Wildomar, Riverside Co., Cal., .05 cu. ft. per sec. from unnamed spring for irrigation of 40 acres. Est. cost \$2000.

App. 4177 (San Diego Co.) H. S. Wolf, L. T. & M. L. Davidson, of St. James Hotel, San Diego, Cal., .05 cu. ft. per sec. from unnamed stream tributary to Chocolate Creek for domestic use and irrigation of 50 acres. Est. cost \$1000.

App. 4178 (Mono Co.) Winfield M. Scott, Bishop, Inyo Co., Cal., 12 cu. ft. per sec. from unnamed spring tributary to Reverse Creek, for domestic purposes. Est. cost \$1500.

App. 4179 (Amador and El Dorado Co.) Stephen E. Kieffer, Mechanics Institute Bldg., San Francisco, Cal., 500 cu. ft. per sec. and 400,000 ac. ft. per annum storage from Cosumnes River tributary to Mokelumne River for generation of 40,000 T.H.P.

App. 4180 (Santa Barbara Co.) Horace O. Ensign, Wasioja, Santa Barbara Co., Cal., .001 cu. ft. per sec. from unnamed springs for domestic use and irrigation purposes on 1/2 acre. Est. cost \$1000.

PERMITS

Permit No. 1787 (San Bernardino Co.) Issued to Bernice C. Donnell of Cabazon, Cal., 0.04 cu. ft. per sec. from an unnamed spring for domestic use and irrigation of 20 acres. Est. cost \$5000.

Permit 1483 (San Joaquin Co.) E. M. & L. J. Locke, Lockford, Cal., 1.82 cu. ft. per sec. from Mokelumne River, for irrigation or 145.8 acres. Est. cost \$4000.

Permit 1789 (Los Angeles Co.) W. F. Sandercock and W. C. Wickenden, Los Angeles, Cal., for 045 cu. ft. per sec. or approx. 29,000 gallons per day from Trunfo Creek for domestic purposes on subdivision of 1000 lots. Est. cost \$5000.

Permit 1790 (San Bernardino Co.) Owen E. Hollister, Lompoc, Cal., for 1 cu. ft. per sec. from Santa Ynez River for irrigation of 80 acres near point of diversion. Est. cost \$2000.

Permit 1792 (Sutter Co.) Sutter Investment Co., Sacramento, Cal., for 5.68 cu. ft. per sec. from Feather River for irrigation of 454.3 acres near point of diversion. Est. cost \$15,000.

Permit 1793 (Sutter Co.) Garden Highway Orchard Co. of San Francisco and E. S. Brown of Sacramento, 49.87

cu. ft. per sec. from Feather River, for irrigation of 3010.11 acres near point of diversion. Est. cost \$10,000.

Permit 1794 (Napa Co.) Sarah J. Watson, Napa Junction, Cal., for 420 ac. ft. per annum from an unnamed stream for irrigation of 370 acres near point of diversion. Est. cost \$10,000.

Permit 1815 (San Diego Co.) San Ysidro Irrigation District, San Ysidro, Cal., for 1 cu. ft. per sec. from underground flow of Tia Juana Valley Basin for irrigation of 492 acres in San Ysidro Irrigation District. Est. cost \$60,000.

ORLAND, Glenn Co., Cal.—Election will be held Oct. 16 in Glenn-Colusa Irrigation District to vote bonds of \$300,000. H. R. Allard, secy. of dist.

LEMOORE, Kings Co., Cal.—H. C. Whitney, Sanger, al., approx. \$27,000 awarded cont. by Lemoore Canal and Irrigation District to const. rein. wler near Hardwick, involv. approx. 600 cu. yds. concrete.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Fritz Ziebarth, 303 E. Anaheim, Long Beach, awarded cont. by bd. pub. works for lighting ornam. lgt. sys. in Broad Ave. between Anaheim and B Sts.

OAKLAND, Cal.—City Eng. W. W. Harmon preparing plans for lighting systems in 14th St., bet. Jefferson and Franklin; 18th St., Clay to Franklin; 12th St., Clay to Fallon; Washington St., 12th to 15th; Broadway, 10th to 24th and Telegraph Ave., bet. 16th and 20th Sts., total property frontage 22,330 ft. Will require 260 standards, 1500 candlepower; est. cost \$200,000 to be assessed to property owners.

SANTA MONICA, Cal.—Wilshire Elec. Co., 1028 Wilshire Blvd., Santa Monica at 113,260 awarded cont. by council to install lgt. sys. in Main St., bet. Pico Blvd. and Hollister Ave. Other bids: D. S. McEwan, \$14,338; H. H. Walker, \$16,894.

LOS ANGELES, Cal.—Newbery Elec. Corp., 724 S. Olive St., submitted low bid at \$85,737 to bd. pub. wks. for ornam. light sys. in Grand Ave., betw. Temple and Fifth Sts. Other bids were: Geo. W. Kemper, \$86,742; H. H. Walker, \$87,998.

Jas. C. Perry low at \$46,250 for ornam. light sys. in Main St. bet. 57th St. and Florence Ave. Other bids were: Electric Lighting Supply Co., \$46,434; H. H. Walker, \$47,994; Newbery Elec. Corporation, \$48,172; H. C. Reid & Co., \$48,275; Geo. W. Kemper, \$48,319; A. C. Rice, \$49,213; J. C. Randler, Inc., \$50,233; Walker & Martin, \$52,142.

H. C. Reid & Co., Grant Bldg., low at \$22,875 for ornam. light sys. in Hoover St., bet. Washington and Adams Sts. Other bids were: A. C. Rice, \$23,211; James C. Perry, \$23,219; Geo. W. Kemper, \$24,353; H. H. Walker, \$24,365; J. C. Randler, Inc., \$24,366; Newbery Electric Corporation, \$25,449; Walker & Martin, \$26,262; Electric Lighting Supply Co., \$27,518.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Oct. 6, bids will be rec. by council to install ornam. lgt. sys. in Second St., bet. and I Sts., cem. inc. posts, etc.; 1911 act J. H. Osborn, city clerk.

PASADENA, Cal.—Until 10 a. m., Sept. 30, bids will be rec. by City Engineers to const. conduits, etc., for lgt. alarm sys. and other purposes in Green St., bet. Marengo and Hill Aves., and por. of other sts.; 1924 Pasa. city ord., 10 yr. bonds. W. C. Rouse, 31 N. Fair Oaks, spec. engr.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 29, bids will be rec. by bd. pub. wks. for lighting system in Vine St., bet. Franklin Ave. and Melrose Ave., 144 pr. steel posts. Adams St., bet. Vermont and West-ern Aves., 95 conc. posts.

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MACHINERY & EQUIPMENT

LOS ANGELES, Cal.—Until 10 a. m., Oct. 6, bids will be rec. by Bd. Pub. Wks. for special 5-ton elec. traveling crane at city garbage loading station, 25th and Harriet St. Spec. on file at office city engr., 405 s city hall annex.

SALINAS, Monterey Co., Cal.—Until Oct. 9, 7:30 p. m., bids will be rec. by Frank S. Clark, Salinas Union High School District, to fur. one vertical sliding head drilling machine, approx. 26-in. swing, power feeds, with and without tapping attachment. Further information obtainable from clerk.

MARYSVILLE, Yuba Co., Cal.—Until Oct. 1, 3:15 p. m., bids will be rec. by Peter Engle, president, Marysville Union High School District, to fur. one school bus. Specifications and further information obtainable from above.

GALT, Sacramento Co., Cal.—Until Oct. 6, 8 p. m., bids will be rec. by F. G. Fawcett, clerk, Galt Joint Union High School District, to furnish 3 Ford school buses. Cert. check 10% recd. with bid. Further information obtainable from clerk.

FIRE ALARM SYSTEMS

YUBA CITY, Sutter Co., Cal.—Geo. W. Johnson, Yuba City at \$1650 awarded cont. by city trustees to install fire alarm system.

PITTSBURG, Contra Costa Co., Cal.—Bids will be asked at once by city council to install three fire alarm boxes. George Oliver, city eng.

FIRE EQUIPMENT

CHICO, Butte Co., Cal.—Budget funds will be provided by city trus. to purchase motor fire engine. C. E. Tovee is fire chief.

MONTEREY, Monterey Co., Cal.—Property owners circulating petitions seeking bond election for \$40,000 to purchase fire fighting equipment. Provision will probably be made for extensions to fire alarm system.

REDONDO BEACH, Cal.—Until 8 p. m., Oct. 6, bids will be rec. by city trus. for fire dept. equip. incl. 500 ft. 2½-in. fire hose, 50 std. fire hydrants, smoke masks, pump, etc. Cert. check on bond 10%. Walter J. Balaam, city clerk.

RESERVOIRS AND DAMS

LOS ANGELES, Cal.—Until 2 p. m., Sept. 29, bids will be rec. by supervisors for core and test drilling for testing underlying formations for a dam site, the location of which is on the Big Tujunga Wash, about 1 mi. n.e. of the town of Monte Vista in Secs. 11 and 12, T. 2 N., R. 14 W., S. B. M. Spec on file at office of the board.

AMERICAN FALLS, Idaho.—Until Oct. 20, 2 p. m., bids will be rec. by U. S. Bureau of Reclamation, American Falls, Idaho, to const. American Falls Dam, involv. 97,000 cu. yds. of excavation, 127,000 cu. yds. of earth embankment, 29,000 cu. yds. of loose rock embankment and rock paving, 179,000 cu. yds. of concrete, 2,376,000 lbs. of reinforcing steel, 837,000 lbs. of structural steel and 1,844,000 lbs. of cast iron gates, etc. For particulars address the bureau of reclamation, Denver, Colo.; American Falls, Idaho, or Washington, D. C.

MERCED, Merced Co., Cal.—Until Oct. 11, 10 a. m., bids will be rec. by H. P. Sargent, Secy. Merced Irrigation District, Earcroft Bldg., Merced, to fur. either 10,000, 25,000, 50,000, 100,000, 200,000 or approx. 350,000 bbls. Portland Cement in carload lots, delivered f. o. b. Eschequer. Cert. check 5% payable to district reg. See call for bids under official proposal section in this issue.

PIPE LINES, WELLS, ETC.

SAN JOSE, Santa Clara Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has authorized 11,640 ft. of 4, 3 and 2-in. gas mains in Alum Rock, Stewart, Talmage, Pickford, White and Kirk Aves.

SAN BERNARDINO, Cal.—Natl. Cast Iron Pipe & Fdy. Co. awarded contract by council for 7500 ft. 4-in. and 7500 ft. 6-in. c. i. pipe. Crane Co., L. A. awarded cont. for 10,000 ft. 4-in. and 12,000 ft. 2-in. screw pipe.

LOS ANGELES, Cal.—Mark-Lally Co., 3690 Santa Fe Ave., awarded cont. by pub. serv. comm. at \$6.40 per C ft., for 100,000 ft. galv. wrt. steel pipe f. o. b. 510 E 2nd St.; spec. W 293.

LOS ANGELES, Cal.—West Coast Pipe & Steel Co., 2411 Modoc St. awarded cont. by pub. serv. comm. at \$1050 net for 1000 pcs. riv. sheet steel pipe under spec. W-283, f. o. b. 510 E 2nd St.; del. 5 da. Other bids were: L. A. Mfg. Co., \$1266, 5 da.; Baker Iron Wks., \$1300, 1 wk.; Lacy Mfg. Co., \$1300, 10 days; f. o. b. Lacy Mfg. Co. whse.

LOS ANGELES, Cal.—Bids rec. by pub. serv. comm. for c. i. pipe under Spec. 729-A were:

National C. I. Pipe Co., f. o. b. San Pedro—Class B, 8-in., \$53 ton; 10-in. \$53 ton; 8-in. Delavaud, \$139 ft; 10-in. Delavaud, \$10972; f. o. b. Aqua Siding, 8-in. class B, \$51.80 per ton; 10-in. class B, \$51.80 per ton; 8-in. Delav., \$13663 ft.; 10-in. Delav., \$18725.

U. S. C. I. Pipe & Fdy Co.—San Pedro 8-in. \$12588 ft.; 10-in., \$16907 ft.; Aqua Siding, \$12873 ft.; 10-in., \$1729; Delavaud Pipe, San Pedro, 8-in., \$12733 ft.; 10-in., \$17302 ft.; Aqua Siding, 8-in., \$12987; 10-in., \$17629.

American C. I. Pipe Co.—San Pedro: 8-in., \$1232 ft.; 10-in., \$16583; Aqua Siding, 8-in., \$126 ft.; 10-in., \$1697 ft.; del. (8-in.), start 60 da., compl. in 90 days.

MISCELLANEOUS CONSTRUCTION

REDONDO BEACH, Cal.—Election will be held Oct. 7 to vote \$35,000 bond issue for a garbage disposal plant.

LOS ANGELES, Cal.—Bd. pub. wks. rec. identical bids at \$3 per bbl. from Calif. Fort. Cem. Co., Geo. L. Eastman Co. and Southwestern Port. Cem. Cor. Sept. 23 for furnishing (A) 19,600 bbls. and (B) 12,600 bbls. cement for Macy St. Viaduct.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 26, bids will be rec. by pub. serv. comm., 207 S. Bdwy., for 31 art stone medallions for Hollywood dam; spec 730-A. Jas. P. Vroman, secretary.

APTOS, Santa Cruz Co., Cal.—Brown Construction Co., Madera, at approx. \$650,000 has contract to erect \$350,000 clubhouse; \$75,000 golf links; \$60,000 dam across mouth of Aptos Creek; 10 six-room residences; \$35,000 bachelor quarters; \$25,000 swimming tank and other construction for the Shore Acres Country Club. The improvement is on a portion of the Spreckels Ranch.

WATER WORKS

YANKEE HILL, Butte Co., Cal.—Until Oct. 4, 12 M. bids will be rec. by P. R. Brown, clerk, Concow School District, for excavation of spring to bed rock; cement 4 walls with 4-in. concrete, furnish and install pipe line and fittings and install water system. Further information obtainable from clerk.

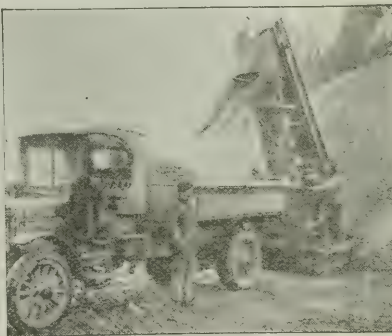
PITTSBURG, Contra Costa Co., Cal.—City votes bonds of \$16,000 to finance water main extensions in Creed Tract.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 26, bids will be rec. by pub. serv. comm., 207 S. Bdwy., for one dry feed chemical water treatment machine installed complete at the Lower Franklin Reservoir, with motor. Spec. 729-C. Jas. P. Vroman, secretary.

NEWPORT BEACH, Cal.—City engr. Paul E. Kressly, H. W. Kressly, H. W. Hellman Bldg., Los Angeles, completes plans for a water sys. in the Corona del Mar sec., incl. a 2,500,000 gal. reservoir pump, sta., distrib. sys.; est. \$73,000.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 23, bids will be rec. by pub. serv. comm., 207 S. Bdwy., for bronze corp. cocks; spec. W-293. Jas. P. Vroman, secretary.

Barber Greene Model 42 Loader



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LANKERSHIM, Cal. — The \$776,000 water bond issue of the Mun. Imp. Dist. No. 27, Lankershim, carried.

REDONDO BEACH, Cal. — Until Oct. 6 bids will be rec. by W. J. Eddams, city clerk, to bid 30 standard tire hydrants.

MONTICITO, Cal. — Monticito water 17" applies to state d-p. pub. wks. for permit to const. tunnel from a point back of Summerland to the Santa Ynez River.

LOS ANGELES, Cal. — Until 9 a. m., Sept. 28, bids will be rec. by city purchasing agent, 202 n. city hall annex, for electric bridge pump, spec. 1091.

PLAYGROUNDS AND PARKS

SANTA BARBARA, Cal. — Council plans \$250,000 bond issue for water-front park purposes.

OAKLAND, Cal. — Until Sept. 30, 2:30 p. m., bids will be rec. by Helen V. Estey, sec'y Board of Park Districts, 161 City Hall, to erect tennis court fences at Lakeside and San Antonio Park. Bond of \$100 req. of successful bidder. Cert. check 10% reg. with bid. Plans obtainable from secretary.

MERCED, Merced Co., Cal. — Until Oct. 8, 10 a. m., bid will be rec. by P. J. Thornton, county clerk, to fur. and erect approx. 1,500 lin. ft. wire fencing with w. gates and metal posts at Public Cemetery Grounds, Merced. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from W. E. Redden, County Surveyor, on deposit of \$5, returnable.

SEWERS & STREET WORK

STOCKTON, San Joaquin Co., Cal. — Until Oct. 6, 2 p. m., bids will be rec. by A. L. Banks, city clerk, to improve streets in Merryvale Tract, including Lindsay, Locust Sts., etc., involving 2722 cu. yds. of 37 1/2 in. ft. corr. culverts; 2641 lin. ft. curb and gutter; 33,073 sq. ft. walks; 113,817 sq. ft. asphalt macadam pavement. Cert. check 10% payable to city req. W. B. Hogan, city eng.

SAN JOSE, Santa Clara Co., Cal. — City Council, J. J. Lynch, clerk, declares intent to imp. Prevost St., bet. Grant and San Carlos Sts., involving grading; pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. curb, gutter and gutter; 2 hyd. cem. conc. storm water inlets; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Oct. 6. Wm. Popp, city eng.

OAKLAND, California. — Agreements reached whereby highway on Bay Farm Island, linking San Leandro with Alameda to provide new outlet for back country, will be constructed, city of Alameda to pay \$6000 of cost, Oakland, \$21,500. Will be macadam paved, 5.46 mi. in length, 15-ft. wide. W. W. Harmon is city engineer of Oakland and Geo. A. Posey, Alameda county surveyor.

EUREKA, Humboldt Co., Cal. — Smith Bros., at \$4329 awarded cont. by supervisors to const. 2000 ft. of new road on Kendall-Kendall trestle bridge near Upper Mattole in Rd. Dist. No. 1.

PORTERVILLE, Tulare Co., Cal. — Until Oct. 1, 7:30 p. m., bids will be rec. by John L. Templeton, clerk Porterville Union High School District, to grade and pave streets fronting school lands. Cert. check 10% reg. with bid. Plans obtainable from clerk.

COMPTON, Cal. — Until 8 p. m., Oct. 7, bids will be rec. by city trustees to imp. East Edwy. off Wilmington St., involv. 30 ft. curb, 7000 sq. ft. of new road, 71,700 sq. ft. grad., 71,700 sq. ft. 5-in. conc. pave, 173 ft. 6-in. cem. pipe sew. and hse. conn. E. M. Lynch, Central Bldg., L. A., engr. Maude Heckock, city clerk.

SAN JOSE, Santa Clara Co., Cal. — Until Sept. 29, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. sewer on Act & Bond Act 1915.

Axerials Ave., bet. Bird and Hannah Sts., involving grading; pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. curbs, gutters and walks; 2 corr. inlets; 8-in. vit. pipe drains; 2 br. catchbasins.

Union St., bet. First and Orchard Sts., involv. grading; pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. walks, curbs, gutters and 2 storm water inlets; 8-in. vit. pipe drains.

Washington St., bet. 4th and 10th Sts., involv. grading; pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; 1 conc. inlet; 8-in. vit. pipe drains.

Cert. check 10% payable to city req. Plans on file in office of clerk. Wm. Popp, city engineer.

PALO ALTO, Santa Clara Co., Cal. — John Blair Buchanan, formerly connected with the C. H. Steere Manufacturing Co., has been appointed city purchasing agent by the Palo Alto city council.

PALO ALTO, Santa Clara Co., Cal. — City Council, Frank Kasson, clerk, plans early paving of portions of Addison, Lincoln and Tennyson Aves. F. J. Byxbee, Jr., city engineer.

MERCED, Merced Co., Cal. — T. E. Clark awarded cont. by city trustees to const. conc. sidewalks, 4-in. thick 5-ft. wide in portions of G St., \$25 sq. ft. incl. grading; 18th St., \$22 sq. ft. incl. grading; N St., \$21 sq. ft. incl. grading.

SANTA MONICA, Cal. — Kneen Paving Co., Dudley Bldg., Santa Monica, awarded cont. by council at \$79,708 to imp. Cambridge St., bet. Darlington Ave. and Wilshire Blvd., involv. curb, walks, sew., c. i. water mains, oil and rock pave, cem. conc. pave; 1911 act.

CHICO, Butte Co., Cal. — City council in petition of property owners authorize preparation of specifications to pave approx. 40 blocks of streets, all but eight blocks being east of Main St.

SAN JOSE, Santa Clara Co., Cal. — Raymond H. Crummeys, San Jose, awarded cont. by council to imp. 4th St., bet. Taylor and Rosa Sts., involv. grading; pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. walks, curbs and gutter; 2 hyd. cem. conc. alley driveways; 2 hyd. cem. conc. basins with 17-in. c. i. grading and frame; 8-in. vit. pipe drains; 2 hyd. cem. conc. storm water inlets; 8-in. hyd. cem. conc. sanitary sewer; 2 br. manholes, etc.

STOCKTON, San Joaquin Co., Cal. — A. E. Downer, 705 E. Lindsay St., Stockton, using pre-cast conc. pipe submits low bid to council to const. storm water sewers in portions of Walnut St., Wood Lane etc. E. Bowman, Elmhurst, Calif., low for vitrified pipe, \$383. Projected to involv. 372 lin. ft. 16-in. 615 lin. ft. 12-in. and 1164 lin. ft. 8-in. pipe; 6 manholes; 8 catchbasins.

SAN JOSE, Santa Clara Co., Cal. — Raymond H. Crummeys, San Jose, awarded cont. by council to imp. St. John Street, from pt. 351 ft. w. of 31st St. to pt. 292 ft. e. of 31st St., involv. grading; pave with 1 1/2-in. Warrenite-Bit surface on 3-in. bit. conc. base; hyd. cem. conc. curb, gutter and walks; 4-in. hyd. cem. conc. house lateral drains.

SANTA ANA, Cal. — Basich Bros., 3788 S. Vermont, Los Angeles, award cont. by supervisors at \$32,400 to imp. S Main St. near Santa Ana, 1/2 mi., pave with conc., full width, curbs and gut.

VALLEJO, Solano Co., Cal. — Until Sept. 30, 11 a. m., bids will be rec. by Al Loezler, city clerk, to imp. city clerk, to imp. Loezler alley bet. Butte and Branciforte Sts., involv. 6400 sq. ft. conc. 5-in. pavement; 800 lin. ft. 3x12 r.w. curb. Plans on file in office of clerk. T. D. Kilkenney, city eng.

MONTREY, Monterey Co., Cal. — Clark and Henery Construction Co., Chancery Bldg., San Francisco, awarded cont. by city council to imp.

Hawthorne St., bet. north line U. S. Military Reservation and Monterey city boundary line: 5975 lin. ft. conc. curb and gutter, 51 lin. ft.; 1 alley crossing, \$23,50; 29 sidewalk pipe sewers, \$24,38; 425 lin. ft. corr. iron culvert on existing conc. base, \$2,90 lin. ft.; 95 lin. ft. corr. iron culvert with conc. base, \$3,30 lin. ft.; 124,220 sq. ft. 2 1/2-in. asphalt surface, \$1,66 sq. ft.; 13,750 sq. ft. 3 1/2-in. asphalt conc. base with 1 1/2-in. asphalt conc. surface (Wilite Process) \$249 sq. ft.; (foregoing prices include grading); 1300 sq. ft. sidewalk grading, \$55 sq. ft. Approx. total bid \$31,672.45. Sidney Ruthven bid \$31,996.23.

Decatur St., bet. Alvarado and Pacific St., involv. 800 lin. ft. conc. curb, \$1,20 lin. ft.; 2 sidewalk crossings, \$24 each; 310 lin. ft. 6-in. pipe sewer, \$18 lin. ft.; 1 inspection hole, \$16; 1 man-hole, \$67.50; 3600 sq. ft. conc. walks, \$18 sq. ft.; 450 lin. ft. underground conduit, \$40 lin. ft.; 11,800 sq. ft. 3 1/2-in. asphalt conc. base with 1 1/2-in. asphalt conc. surface, \$249 sq. ft. all prices including necessary grading). Approx. total bid \$5098.20. Sidney Ruthven bid \$5380.50.

Portions of Alvarado St., etc., involv. 34,900 sq. ft. 4-in. asphalt conc. base with 2-in. asphalt conc. surface, \$45 sq. ft., including grading. Ruthven bid \$17,450. Lighthouse Ave., from U. S. Military Reservation to Pacific Grove boulevard line, involv. 20,310 sq. ft. pavement, \$247 sq. ft.; 340 sq. ft. conc. gutter, \$25 sq. ft.; (prices include grading). Approx. total bid \$51,290.57.

RIVERSIDE, Cal. — Until 10 A. M., Oct. 6, bids will be rec. by supervisors to imp. Corona-Elsinore highway, involv. 14,597 cu. yds. of 15-in. vit. corr. sh. roadbed, 272,977 sq. ft. macadam pave, 1037 cu. yds. A conc. dip and walls, 9.3 cu. yds. B conc. culv. walls, 46 ft. 24-in. reinf. conc. culv., 42 ft. 36-in. corr. culv., incl. concrete, 310 ft. 15-in. corr. culv. All mat. turn. by contractor. Cert. chk., cash, or bond, \$500. Plans from County Surveyor A. C. Fulmore, upon deposit of \$5.

OAKLAND, Cal. — City Eng. W. W. Harmon, completes spec. to imp. Park Road westerly from Broadway Terrace, involv. 120,000 sq. ft. pavement; 54 lin. ft. conc. curb; 1175 sq. ft. conc. gutter; 7286 sq. ft. oil macadam pavement; 33 lin. ft. 8x30-in. corr. iron and conc. culvert. 1911 Act. Protests Oct. 2.

MARYSVILLE, Yuba Co., Cal. — Warren Const. Co., 1305 28th St., Oakland, at \$6800 awarded cont. pave portion of 5th St. with 3 1/2-in. asphalt conc. base with 1 1/2-in. Warrenite surface.

LOS ANGELES, Cal. — Until 2 p. m., Sept. 29, bids will be rec. by supervisors to imp. Covina Blvd., bet. Merced Ave. and El Monte St., 3374 ft. involv. 801 cu. yds. excav; 6199 ft. curb; 30,682 sq. ft. walk. Bst. \$10,759.50. Co. Imp. No. 85.

SAN FRANCISCO — Owen McHugh, 730 Baker St., at \$2400 awarded cont. low bid to Constructing Quartermaster, Fort Mason, to level Crissy Field, involv. 8500 cu. yds. asphalt surfacing. Other bids: Carlin and Farrar, \$6600; P. McIntague, \$7900; B. Rosenberg, \$11,000 Cranfield Co., \$12,700; T. M. Burns \$22,326.

REDWOOD CITY, San Mateo Co., Cal. — City Eng. C. L. Derratt awarded low bid to constructing concrete shoulders on state highway through Redwood City. Cost is estimated at \$6.50 ft., shoulders to be 10-ft. wide on each side. Bids will be asked shortly.

YUBA CITY, Sutter Co., Cal. — Until Oct. 7, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, to imp. east approach to Merced Bridge from west end of present pavement to east end of bridge, involv. 1400 lin. ft. grading and subgrading; 218 cu. yds. asphalt conc. pavement. Cert. check 10% payable to county req. Plans on file in office of clerk. Wm. Sherer, county surveyor.

VENTURA, Cal.—Until 11 a. m. Sept. 24, bids will be rec. by supervisors to imp. rdwy. bet. Ojai and Grand Aves., 3430 ft., 16 ft. wide, with 5-in. asphalt macad. pav., involv. 1500 yds. excav., 3430 ft. shap. and roll, 55,000 sq. ft. macad. pav., 5 yds. "B" conc. in head-walls, 200 lbs. reinf. steel. Plans from Co. Survey. Chas. W. Pettit. Cert. check 10%. L. E. Hollowell, clerk.

RIVERSIDE, Cal.—Gibbons & Reed Co. 905 S. Olive St., Los Angeles, awarded cont. by council at \$155,355.19 for approx. 12.65 mi. of macadam roadway in portions of Victoria, Van Buren Dufferin, Adams, Madison and Washington, involv. 1,302,859 sq. ft. macad. paving, 400,956 sq. ft. shoulders, 1032 ft. 10-in. pipe, 3705 ft. 12-in. pipe, 1800 ft. 16-in. pipe, 523 ft. 18-in. pipe, 339 ft. 24-in. pipe, and 20 ft. 30-in. pipe; 1911 act. Other bids: Pearson & Dickerson, \$171,875.19; H. G. Fenton, \$188,624.13; E. L. Fleming, \$190,826.95; Blumenkranz & Vernon, \$197,045.86; O. U. Miracle, \$207,026.59; Hall & Johnson Co., \$209,494.78; R. T. Shea, \$218,470.20.

COLUSA, Colusa Co., Cal.—Construction of additional roads are contemplated by supervisors, work to be financed through a bond issue. Roads in vicinity of Uniontown, Grimes, and Williams are under consideration.

TURLOCK, Stanislaus Co., Cal.—Until Oct. 7, 7:30 p. m., bids will be rec. by A. P. Ferguson, city clerk, to imp. (No. 118) Palm St., from pavement in place in East Main St. to pavement in place in East Olive St., involv. grading and paving with 3-in. asphalt conc. base with 1½-in. Warrenite-Bit surface; cem. conc. curbs, gutters, culverts. 1911 Act.

(No. 117) Marshal St., from pavement in place in S. Front St. to Bell St., involv. grading and paving with 3-in. asphalt conc. base with 1½-in. Warrenite-Bit surface; cem. conc. curbs, gutters, culverts. 1911 Act.

Cert. check 10% payable to city reg. Plans on file in office of clerk. Horace Hall, city eng.

LOS ANGELES, Cal.—Until 2 P. M., Oct. 6, bids will be rec. by supervisors to imp. Las Flores road, bet. Main and 2211.80 ft. about Malibu Rd. and a point 7069.15 ft. above same, 4857.35 ft. or .92 mi., involv. (1) 28,600 cu. yds. earth excav., incl. cleaning and grub; (2) 2996 cu. yds. rock excav.; (3) 485 lin. ft. shap. roadbed; (4) 8635 sq. yds. oil (placing); (5) 2000 lin. ft. guard fence; (6) 50 cu. yds. cem. conc. for culv.; 2555 lbs. steel for culv. Roadway to be 16 ft., graded and oiled.

GUADALUPE, Cal.—Until 8 P. M., Sept. 30, bids will be rec. by city trustees to const. sewer laterals, involv. 6-in., 8-in., and 10-in. pipe; est. \$13,500. Plans may be obtained from Buich & Beck, engineers, Comm. Bank Bldg., San Luis Obispo.

SANTA MONICA, Cal.—Council plans to pave 10th St., bet. Michigan Ave. and Pico Blvd., with conc.; 9th St., bet. same limits will be paved with rock and oil.

LOS ANGELES, Cal.—Council orders installation of 144 pr. steel orn. itg. posts in Vine St., bet. Franklin and Melrose Aves.; 1911 act.

SAN FRANCISCO—Board of Supervisors will shortly authorize Board of Public Works to ask bids to construct road connecting Muny Golf Links with Skyline Blvd.

SANTA ANA, Cal.—Griffith Co., 502 Railway Bldg., Los Angeles, awarded cont. by city trustees at \$15,843.26 for imp. Broadway bet. N line Tr. No. 352 and Fairview Ave. and por. of Sycamore St. and Russell Ave., involv. 44,115 sq. ft. grad. and pav. with 5.5-in. conc. at 19c ft.; 41,379 sq. ft. grad. and pav. with 5-in. conc. at 18c sq. ft.; 236 ft. curb at 50c ft. Steele Finley bid \$16,921.41.

MANHATTAN BEACH, Cal.—City trustees declare inten. to imp. 38th St., bet. the Strand and Highland Ave., involv. 5-in. conc. pav., 5-ft. walks, st. ltrg. sys.; 1911 act. Llewellyn Price, city clerk.

ALHAMBRA, Cal.—City trustees declare inten. to const. storm dr., manhole, catchbasin, laterals, etc., in Ramona Blvd., between Main Ave., Westminster Ave., Avendale Dr. and Washington St., 1911 act. T. B. Downer, city engineer. R. B. Wallace, City Clerk.

POMONA, Cal.—Griffith Co., L. A. Ry. Bldg., L. A., sub. low bid to council at approx. \$47,400 for imp. Holt Ave. bet. Reservoir St. and e city limits, involv. 6-in. conc. pav., 8-in. vit. sew., cobblestone curbs, curb, curbs, etc.

LOS ANGELES, Cal.—Until 10 A. M., Sept. 29, bids will be rec. by bd. pub. Wks. to imp.

Alley w. of Menlo Ave., bet. Santa Barbara Ave. and 41st St., involv. 8667 sq. ft. 8-in. conc. pav., 288 cu. yds. cut. Fries Ave., bet. O and Anaheim Sts., involv. 140,832 sq. ft. 6-in. conc. pav., 4225 ft. curb, 420 sq. ft. gut., storm dr. sew., 195 sq. ft. asphalt pav., 4435 cu. yds. cut, 309 cu. yds. fill.

McCadden Pl., bet. Sunset Blvd. and De Longue Ave., involv. 12,194 sq. ft. 6-in. conc. pav., 17,899 sq. ft. Warrenite, bit. pav. (5-in. base, paint binder, 1½-in. surf.), 186 ft. curb, 567 sq. ft. walk, 1456 sq. ft. gut., sew., 502 cu. yds. cut.

Taft, Kern Co., Cal.—City trustees grant petitions seeking paving of Main St., bet. 2nd and 8th; 6th St., bet. Main and Center and North St., bet. 6th and 8th Sts.

FLAGSTAFF, Ariz.—State Engr. W. C. Lefevre has announced that arrangements have been completed to re-build 68 mi. Old Trails natl. highways bet. Flagstaff and Winslow. Est. cost, \$300,000.

FULLERTON, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded cont. by city trustees at \$25,233 to pave alleys in bks 8, 9, 16, 17, 20, 28 and 29, involv. 114,784 sq. ft. 6-in. asphalt conc. pav., 21c ft. 11,283.45 ft. hdrs. 10c ft.

HOLLISTER, San Benito Co., Cal.—Until Oct. 6, 2 p. m., bids will be rec. by Elmer Dowdy, county clerk, to imp. portion of Pinacles road in Supervisor Dist. No. 5. Plans on file in office of clerk.

EUREKA, Humboldt Co., Cal.—Until Oct. 7, 8 p. m., bids will be rec. by A. Walter Kilgale, city clerk, to const. 30-in. cem. conc. pipe storm sewer in Union St., from Murray St. to pt. 12-ft. north of Whipple St., and 36-in. cem. conc. pipe storm sewer in Whipple St., from Union to Broadway St., including cem. conc. pipe drainage branches; cem. conc. storm sewer manholes with c. i. frames and covers; cem. conc. catchbasins and vit. pipe drainage laterals connected to sewer. 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Harry H. Hannah, city engineer.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kilgale, clerk, declares inten. to imp. Harris St., betw. Fairfield and Broadway, involv. grading; pave with 6-in. cem. conc. 20-ft. wide. 1911 Act & Bond Act 1915. Protests Oct. 7. Harry Hannah, city eng.

COTTAGE GROVE, Ore.—Until Oct. 6 7:30 p. m., bids will be rec. by Homer Galloway, city recorder, to const. trunk and lateral sewers involv. East side trunk sewer, 8059 lin. ft., southwest trunk sewer, 2768 lin. ft.; northwest trunk sewer, 1600 lin. ft.; District 12 lateral sewer, 1100 lin. ft.; District 14 lateral sewer, 1100 lin. ft. Plans obtainable from above office.

CHICO, Butte Co., Cal.—C. M. Ennis has resigned as city engineer of Chico.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Builders, Exchange, San Jose, awarded cont. by council to imp. 34th Ave., bet. San Fernando and Santa Clara Sts., involv. grading; pave with 1½-in. Durite asphalt conc. surface on 3-in. Durite asphalt conc. base; hyd. cem. conc. curbs, gutters and walks; 30-in. double hyd. cem. conc. gutters in certain portions.

16th St., bet. Santa Clara and McKee Rd., involv. grade; pave with 1½-in. Durite asphalt conc. surface on 3-in. Durite asphalt conc. base; hyd. conc. curbs, gutters and walks.

SANTA ANA, Cal.—Until 7:30 p. m., Oct. 6, bids will be rec. by city trustees to const. sewer in Myrtle St., bet. Arteria and Daisy St. and por. of other Sts., involv. 5530.9 ft. 6-in. pipe, 3675.83 ft. 8-in. pipe, 659.5 ft. 10-in., 1543.45 ft. 12-in. mains, 29 m. h., 6 f. t., 2 i. p.; work incl. trenching, fur. lay, backfill; 1911 act. Bond act. W. G. Knox, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 2, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to imp. Ocean Ave., involv. 168,368 sq. ft. grading; 168,368 sq. ft. 5-in. conc. pavement; 767 lin. ft. conc. curb; 3607 sq. ft. 4-in. conc. walks; 109 ft. 6-in. pipe by 12-in. part circle corr. metal and conc. culvert; 163 ft. 6-in. pipe by 18-in. part circle corr. metal and conc. culvert; 14 conc. catchbasins; 298 lin. ft. 6-in., 966 lin. ft. 4-in. vit. pipe sewers; 13 6x4-in. wye branches; 42 handhole traps; 1 sewer manhole; 250 lin. ft. 8-in., 93 lin. ft. 12-in. and 90 lin. ft. 18-in. vit. drain pipe; 2 conc. gutterways. Cert. check 10% reg. Plans on file in office of clerk. H. E. Godegast, city eng.

LOS ANGELES, Cal.—Basch Bros., 3785 S. Vermont Ave., awarded. cont. by supervisors at \$16,808 to imp. Otis Ave under Co. Imp. No. 91.

HAYWARD, Alameda Co., Cal.—Jas. Willison at \$793 awarded cont. by city trustees to const. conc. storm water drain in alley bet. Simon St. and Sunset Blvd.

SAN FRANCISCO—Until Sept. 25, 12 m., bids will be rec. by E. P. Lamb, secy Board of Park Commissioners, Park Lodge, Golden Gate Park, for 50,000 cu. yds. more or less, cut and fill at Municipal Golf Links. Plans on file in office of secretary.

LOS ANGELES, Cal.—Griffith Co., Ry. Bldg., Los Angeles, award. contr. by bd. pub. wks. at \$18,054 to imp. 81st St., bet. San Pedro and Main Sts.; conc. pav., asphalt conc. pav., curb, etc.

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POMONA, Cal.—Griffith Cos., L. A. Ry. Bldg., Los Angeles, at \$47,000 awarded cont. by council to Imp. Holt Ave., bet. Reservoir St. and e city limits, involv. 6-in. conc. pav., 8-in. vit. sew., cobblestone curbs, cam. curbs etc.
Thos. T. Crawford, 110 Daurel, Pomona, awarded cont. at \$2336 to Imp. 3rd St., bet. Gordon St. and Park Ave., involv. 5-in. conc. pav., rock and asph. wear, surf., curbs, No. 222.

PASADENA, Cal.—Until 10 a. m. Sept. 30, bids will be rec. by city directors to imp. Green St., bet. Marengo and Hill Aves. and por. of other sts. as follows: 6 in. conc. pav. with asph. some surf., gut., walk, culv., sewer, incl. m. h., f. t., fittings, etc., 12-in. and 8-in. pipe; 1911 and 1915 acts.

RIVERSIDE, Cal.—Until 10 a. m. Oct. 2, bids will be rec. by supervisors for (1) haul 4854 tons crushed rock from Santa Fe Ry. siding at Ethanac to points from Ethanac to east limit of imp. which is 4.1 mi. s.e. to n. limit of imp. 5 mi. n.w. of Ethanac (2) haul 5532 tons crushed rock from Blue Diamond Materials Co.'s bins to points from the west city limits of Corona to the Orange Co. line. A. C. Fulmore, co. surveyor. Cert. check 5%.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Hawthorne Way bet. San Pedro and Guadalupe Sts., involv. grading and paving with 1 1/2-in. Warrentite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs and gutters; 1 cem. conc. inlet; 8-in. vit. pipe drains; 1 br. catchbasin; 10-in. cem. pipe storm drain. 1911 Act & Bond Act 1915. Protests Oct. 6. Wm. Popp, city eng.

LOS ANGELES, Cal.—Fry Bros. const. Co., 3225 E Second St., Long Beach, awarded cont. by supervisors at \$95,218 to imp. Pasadena Ave. and other Sts. under Co. Imp. No. 145, involv. 7822 cu. yds. excavating; 220,320 sq. ft. walk 32.75 ft. 6x9x14 ft. curb; 23,832 ft. 6x10x18 curb; 132,847 sq. ft. gut. reinf. conc. culv., corr. iron culv., corr. iron culv.; 3672 sq. yds. grad. and surf. with oil and screenings.

ALAMEDA, Alameda Co., Cal.—City council, W. E. Varcoe, clerk, declares inten. (No. 73) to imp. Bay Island Ave., bet. Park St. and Park Ave., involv. grading; const. cem. curbs, gutters, gutter bridges, walks and corr. iron culverts; pave with 6-in. oiled macadam. 1911 Act. Protests Oct. 7.

SOLANO COUNTY, Cal.—Following bids rec. Sept. 22 by State Highway Commission Forum Bldg., Sacramento to grade 6.9 mi. in Solano county, bet. Suisun and Denverton:
Leventon & Heinze, Sacramento, Cal. \$18,552
Gates & Howe, Santa Rosa, \$18,744
Blumencranz & Vernon, Stockton, 18,930
R. J. Blanco, Vallejo, 20,392
Bishop & Brooks, Sacramento, 20,604
T. M. Olney, Oakland, 21,002
W. W. Thompson, Redwood City, 21,869
Galbraith & Jones, Napa, 22,461
W. D. Ellis, Berkeley, 22,931
Hughes & Murphy, Marysville, 27,117
Atiss-Knapp Co., Oakland, 32,023
Engineer's estimate 21,026

CHICO, Butte Co., Cal.—C. M. Ennis has resigned as city engineer.

LOS ANGELES, Cal.—Baker & Kinsman, 532 H. W. Helman Bldg., awarded cont. by bd. pub. wks. at \$23,362 to imp. Ave. 50 bet. Ronge View Ave. and York Blvd.; oil and roll, etc.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 8th St., bet. Empire and Jackson Sts., involv. grade and pave with 1 1/2-in. vit. asph. concrete surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters, and walks; 2 hyd. cem. conc. driveways 1 hyd. cem. conc. inlet with stand. 17-in. c. i. grating and frame; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Oct. 6. Wm. Popp, city eng.

VISALIA, Tulare Co., Cal.—Until Oct. 7, 10 a. m., bids will be rec. by Gladys Stewart, county clerk, to const. sidewalks at Children's Ward of Joint Tuberculosis Hospital near Springville, involv. 8000 sq. ft. 4-in. conc. walks; 23 cu. yds. conc. curb and gutter. Cert. check 5% req. with bid. Plans on file in office of clerk. Laurence A. Moye, county surveyor.

SAN FRANCISCO—M. J. Lynch, Call Bldg., at \$7750 awarded cont. by Board of Public Works to furnish, deliver and erect 640 street signs.

EUREKA, Humboldt Co., Cal.—Until Oct. 7, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, to improve Union St., bet. Cedar and Russ Sts., involv. grading; pave with 2 1/2-in. asph. conc. base with 3-in. Warrentite-Bit surf.; const. c. i. culverts with cem. conc. inverts; 6-in. vit. sewers; cem. const. manholes; conc. curbs. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Harry H. Hannah, city engineer.

SANTA ANA, Cal.—City trustees declare inten. to imp. Wellington Ave., bet. French and Poinsettia Sts. and Lacy St., bet. Wellington and Washington Aves.; 1 1/2-in. asph. conc. pav. on 3 1/2-in. asph. conc. base; curb, walks, sewer base work. 1915 imp. bond act. W. G. Knox, city engr.

STOCKTON, San Joaquin Co., Cal.—Will Moreing, Harris Bldg., Stockton, awarded cont. by supervisors to imp. Harding Way, involv. 200 tons road gravel, \$2.25 ton; 420 tons crushed rock, \$2.60 ton; 180 tons dressing for oil, \$2.70 ton; 116 bbls. asphaltic oil, \$3.62 bbl.

SANTA BARBARA COUNTY, Cal.—Until Oct. 20, 10 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. San Marcos National Forest Highway about 4.6-mi. in length, involv. 25 acres clearing; 170,000 cu. yds. unclassified excavation; 250 cu. yds. A and 140 cu. yds. C conc.; 27,000 lbs. rein. steel; 3050 lin. ft. corr. metal pipe; 3520 cu. yds. crushed rock surfacing (optional). Work is located about 16-mi. from Santa Barbara. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 29, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Union St., bet. 1st and Orchard Sts., involv. grading and paving with 1 1/2-in. Warrentite-Bit, pave with 3-in. bituminous conc. base; hyd. cem. conc. walks, curbs gutters; 2 hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk. Wm. Popp, city eng.

SAN ANSELMO, Marin Co., Cal.—Town Eng. J. J. Jessup instructed to prepare plans for sewers in portions of Laurel Avenue.

SANTA ANA, Cal.—Until 7:30 p. m., Oct. 6, bids will be rec. by city trustees to imp. North Park Blvd., Santa Clara Ave. to N Flower St., and por. of other sts., involv. 128,454 sq. ft. 6-in. conc. pav., 52,454 sq. ft. walk, 176,279 sq. ft. 5-in. conc. pav., 13,255 ft. curb, 1769 ft. 8-in. sew. pipe, 3453.34 ft. 6-in. sew. pipe, 4104 ft. 4-in. hose, const. 18 m. h., f. t., 1 t. h. 4833 ft. 1-in., 2671 ft. 4-in. c. i. water pipe, water services, fire hydrants, gate valves, etc. 1925 act. W. G. Knox, city engr.

LOS ANGELES, Cal.—Chas. E. West 96 S Euclid Ave., Pasadena, awarded cont. by Supervisors at \$39,863 to imp. 120th Ave. and other sts. under Co. Imp. No. 179, involv. 14,001 cu. yds. excav., 12,028 ft. curb, 55,562 sq. ft. walk, 601 sq. ft. curb, 181 sq. ft. gut., 30,791 sq. yds. d. g. pav.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declare inten. (No. 119) to imp. Locust St., from pavement in Columbia St. to West Main St., involv. grading and paving with 3-in. asph. conc. base and 1 1/2-in. Warrentite-Bit surface; cem. curbs and gutters; corr. iron culverts. 1911 Act & Bond Act 1915. Protests Oct. 7. Horace Hall, city engr.

REEDLEY, Fresno Co., Cal.—City trustees plan early paving of E and J streets.

LOS ANGELES, Cal.—deWaard & Sons, 207 Granger Bldg., San Diego, submitted low bid to supervisors at \$119,895 to const. rein. conc. tunnel and reinf. conc. storm dr. in Altadena bet. Marengo Ave. and the Arroyo Seco, 2 mi., consisting of covered ditch, 7x4 ft. This bidder reserved the right to withdraw his bids on the Sycamore Canyon storm dr. (opened same day) provided he was low bidder on the Altadena job. The reservation was honored by the board. Other bids: C. E. Green, \$124,992.88; R. H. Travers, \$135,081.81; Chas. and Geo. K. Thompson, \$136,961.25; Cox & Teget, \$143,198.40; John C. Duncan Co., \$147,729; Crook & Henno, \$148,333.40; Thos. Kelly & Sons, \$148,792; Thos. Haverty Co., \$149,004.13; Gibbons & Reed Co., \$159,265.50; Wm. B. Arndt, \$162,533.30; Macdonald & Driver, \$166,121. Ross Constr. Co., \$147,729.

VENICE, Cal.—City trustees declare inten. to imp. Indiana Ave., bet. Washington Blvd. and 7th Ave.; grad. 6-in. conc. walk, curb, const. 2 m. h.; 1911 act. T. H. Hanna, city clerk.

SOLANO COUNTY, Calif.—Leventon and Heinze, Sacramento, at \$18,552 awarded cont. by State Highway Commission to grade 6.9-mi. in Solano county bet. 2-mi. east of Suisun and Denverton. Engineer's estimate, \$21,026.50.

SAN BERNARDINO, Cal.—Until 3 p. m., Sept. 29, bids will be rec. by bd. of water commissioners for 1900 ft. 8-in. and 4000 ft. 6-in. O. D. lap-welded steel water pipe with bell and spigot ends for lead joints; dipped coating. Cert. check or bond 10%. John Osborn, city clerk.

SANTA ANA, Cal.—Alexander Wright, Santa Ana, awarded cont. by city trust. at \$1415.20 for sewer in Fairlawn St. and Daisy Ave., involv. 1494 ft. 6-in. pipe at 75c ft.; 2 m. h. at \$85 each; 1 t. at \$115; lamp hole at \$10. E. R. Ford bid \$1639.24.

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SACRAMENTO, Cal.—Following bids rec. by supervisors to furnish, haul, unload and spread gravel on 9-mi. of county roads:

California Vine Yard road, 2-mi. Kaiser Paving Co. American Bank Bldg., Oakland, (a) gravel, per ton, \$1.62; (b) haul by trucks, per mil ton, \$1.14; F. J. Chesson bid (a) \$2.37; (b) \$2.22.

Elk Grove-Walsh Rd., 3-mi., Kaiser, (a) \$1.62; (b) \$1.11; Chesson, (a) \$2.37; (b) \$2.22.

Dillard Blake Rd., 2½-mi., Kaiser, (a) \$1.72; (b) \$1.14; Chesson, (a) \$2.37; (b) \$2.20.

Don Ray Colony road, 2-mi., Kaiser, (a) \$1.72; (b) \$1.11; Chesson, (a) \$2.37; (b) \$2.22.

Gerber rd., 3-mi., Kaiser, (a) \$1.62; (b) \$1.14; Chesson, (a) \$2.37; (b) \$2.22.

L. Christensen rd., 2-mi., Kaiser, (a) \$1.72; (b) \$1.14; C. W. Wood, (a) \$2.45; (b) no bid.

Geo. Orr rd., 1½-mi., Kaiser, (a) \$1.72; (b) \$1.14; Wood, (a) \$2.15; (b) no bid; Chesson, (a) \$2.37; (b) \$2.22.

King rd., 1-mi., Kaiser, (a) \$1.62; (b) \$1.14; Wood, (a) \$2.30; (b) no bid; Chesson, (a) \$2.37; (b) \$2.22.

Schultz rd., 1½-mi., Kaiser, (a) \$1.62 (b) \$1.14; Wood, (a) \$2.15; (b) no bid; Chesson, (a) \$2.37; (b) \$2.22.

Taken under advisement. Chas. W. Deterding, Jr., county engineer.

REEDLEY, Fresno Co., Cal.—Bids of Fredrickson and Shannon, Cory Bldg., Fresno, and Heafey-Moore-McNair 2030 High St., Oakland, taken under advisement by city trustees to const. sanitary sewer extensions and disposal works. Bids were taken on the following segregations:

Unit 1—Fur. labor and materials, involv. 12,759 lin. ft. 8-in. sewers; 1240 lin. ft. 10-in. sewers; 561 8x6-in. and 48 10x6-in. wye branches for house connections; 45 manholes with stub sewers; 13 lampholes.

Unit 2—Fur. labor and materials, involv. 1354 lin. ft. 15-in. sewers; 3 manholes; 1 inverted syphon complete, including blow-off, pier, cut-off walls and 4 special manholes; 1 sludge bed for inverted syphon blow-off.

Unit 3—Fur. labor and materials, involv. 470 lin. ft. 10-in. and 119 lin. ft. 15-in. sewers; 1 manhole; 2 stand-pipes; 1 rein. conc. preliminary settling tank, complete with inlet manhole and dosing chamber; 2 sludge beds for preliminary settling tank; 1 sprinkler filter, including retaining walls; 1 rein. conc. final settling tank; 1 sludge bed for final settling tank.

Heafey-Moore-McNair—1, \$21,909.50; 2, \$22,468.90; 3, \$65,043.50; total, \$109,421.90.

H. Gould, Sacramento—1, \$16,068.50; 2, \$37,134.76; 3, \$71,983.50; total, \$125,186.76.

Fredrickson & Shannon—1, \$15,968.86; 2, \$20,612.96; 3, \$50,288.50; total, \$86,770.32.

J. F. Sherhardson, Bakersfield—1, \$22,541.25; 2, \$24,057; 3, \$67,423.50; total \$114,021.75.

Merced Conc. Pipe Co., Merced—1, \$18,960.75; 2, \$36,253; 3, \$64,559; total, \$109,873.75.

Jolly and Jolly, Fresno—3, \$63,762.22; Manuel Smith, Oakland—1, \$19,849.80; Estimate of John S. Bates, engineer, Rowell Bldg., Fresno, is \$106,500.

SANTA ROSA, Sonoma Co., Cal.—City council, Vida McI Doggett, city clerk, declares inten. to imp. following streets:

Res. No. 678—Lincoln St. bet. Healdsburg Ave. and Washington St.

Res. No. 687—Charles St., bet. Santa Rosa Ave. and Brown St.

Res. No. 675—Second St., bet. Railroad Ave. and Davis St.

Res. No. 681—E St., bet. Tenth and Lincoln Sts.

Res. No. 684—E St., bet. 4th and 5th Sts., all by excavating or filling to grade; reconstr. existing waterbound macadam surface into a foundation 4-in. thick and pave with 3-in. Willite process asph. conc. pavement laid in one course; const. conc. comb. curbs and gutters. All under 1911 Act and Bond Act 1915. Protests Oct. 7.

SANTA MONICA, Cal.—Council to pave with asph. conc. 9th and 10th Sts., bet. Michigan and Pico Blvds.

LOS ANGELES, Cal.—Bids rec. by bd of pub. wks. for imp. Boyce Ave., bet. Los Feliz and Glendale Blvds., involv. 118,668 sq. ft. asph. pav., 10,522 sq. ft. oil and roll, 877 ft. curb, 3857 sq. ft. walk, 1,578 sq. ft. gut., 1009 sq. ft. conc. pav., 1000 sq. ft. bit. base pav., were:

Geo. R. Curtis Pav. Co.—\$2000 grad; 19c asph. pav; 19c conc. pav; 4c oil and roll; 70c heavy curb; 20c walk; 24c gutter; \$10.00 sew; 10c bit. base; 65c light curb.

Gibbons & Reed Co.—\$2000 grad; 22c asph; 20c conc; 7c oil; 65c curb; 20c walk; 32c gutter; \$11,900 sew; 12c bit; 50c light curb.

Griffith Co.—\$2400 grad; 17c asph.; 20c conc; 7c oil; 65c curb; 19c walk; 25c gutter; \$10.00 sew; 10c bit; 60c light curb.

Chas. J. Heuser—\$2500 grad; 20c asph; 22c conc; 7c oil; 60c curb; 20c walk; 26c gutter; \$9560 sew; 10c bit; 50c light curb.

L. A. Pav. Co.—\$2500 grad; 18c asph.; 22c conc; 8c oil; 75c curb; 22c walk; 25c gutter; \$13,100 sew; 9c bit; 50c light curb.

SANTA ANA, Cal.—U. S. govt. offers to appropriate \$15,000 toward building El Estero San Juan Capistrano Highway. A 10-ft. highway can be built for about \$50,000 according to S. A. Nash Boulden of San Diego, supervisor for Cleveland natl. forest. A 20-ft. road was est. by J. L. McBride, ex. rd. comm. for Orange Co., at bet. \$100,000 and \$150,000.

RPDWOOD CITY, San Mateo Co., Cal.—City trustees, W. J. Price, clerk, declare inten. (No. G-7) to imp. portions of Hilton St., Cassia St., Elm St., etc., involv. grading; pave with 5-in. cem. conc. on 3-in. base or cushion of broken stone; const. curb and catchbasin. Bond Act 1915. Protests Oct. 6. C. L. Dimmitt, city eng.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declare inten. (No. 748) to imp. Harding Way, bet. Edison and Harrison St., involv. grading; const. comb. conc. curbs and gutters; const. walks; pave 2-in. high cementing gravel base and 2½-in. asph. conc. base with 2-in. asph. conc. surface; portions of Harrison, Lincoln, Van Buren and Monroe Sts., involv. grading; const. walks; 1911 Act & Bond Act 1915. Protests Oct. 6. W. E. Hogan, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 7, 8 p. m., bids will be rec. by Vida McI Doggett, city clerk, to imp. Second St., bet. Davis and Main Sts., by excavating or filling; reconstr. present waterbound and macadam surface to 4-in. thick base to be surfaced with 3-in. Willite Process asph. conc. pavement laid in 1-course; const. cem. conc. curb and gutter. 1911 Act and Bond Act 1915. Separate bids, same date, for similar improvements in 7th St., bet. Wilson and Washington Sts.

Cert. check 10% payable to city reg. Plans on file in office of clerk.

HUNTINGTON BEACH, Cal.—Until 7:30 p. m., Oct. 6, bids will be rec. by city trustees to imp. California Ave., bet. Detroit and Geneva Sts. and por. of other sts., involv. grad., 1½-in. Topeka surf. on ¾-in. asph. conc. base; walks, curbs, corr. iron culv.; 12 post lit. sys. E. M. Wright, city clerk. E. M. Billings city engineer.

ESCONDIDO, Cal.—Bids to pave Grand Ave. and Lime St. rejected by city trustees as being too high. The bids were: Gilmore Oil Co., \$49,969.18; Heath & Settle, San Diego, \$52,328.20; H. G. Fenton, \$60,239.12. Lime St. work involv. \$3,348 sq. ft. 2-in. oil macad.; \$22,728 sq. ft. 2-in. oil macad., 8182 sq. ft. 8-in. gut.; 21,715 sq. ft. 6-in. gut. Engr.'s est., \$55,278.60.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Oct. 6, bids will be rec. by council to const. 8-in. vit. sewers in Magnolia Ave., bet. E St. and 14th St. of Arrowhead Ave.; Mountain View Ave., bet. Arrowhead Square St. and 27th St.; plans on file at office of C. E. Johnson, city eng.

FRESNO, Fresno Co., Cal.—Until Oct. 9, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to imp. (Res. of Inten. No. 19-D) Arthur and Adoline Aves. bet. Olive and Dennett Aves., involv. grading; const. conc. curbs, cutters, driveway approaches, sidewalks; corr. metal culverts; repave with 1½-in. asph. conc. surface with liquid asphalt and rock screening surface coat. 1911 Act. Cert. check 10% payable to city reg. Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—Work under direction of county forces has started on Cahuenga Pass Rd.; \$200,000 has been appropriated for work; road will be 80 ft. wide, paved its entire width, with a 5% grade.

LOS ANGELES, Cal.—Ed. Pub. Wks. plans to widen Exposition Blvd., 3 mi. bet. Figueroa and Main Sts.; to be 60 ft. wide, bet. Figueroa St. and a lot at Jefferson St. and Cochran Ave.; will be a 30-ft. rdwd. on each side of Pac. Elec. air line.

NAPA, Napa Co., Cal.—Basalt Rock Co., Napa, has bid \$3.85 in bunkers and \$1.35 per mile haul, awarded cont. by supervisors to furnish 3000 cu. yds. crushed rock. John Hein, Napa bid \$3.4 in bunkers and \$1.35 per mile haul.

MARYSVILLE, Yuba Co., Cal.—Until Sept. 23, 8 p. m., bids will be ec. by Geo. W. Richards, city clerk, to imp. portions of "T", 13th, 12th and 11th, 4th, 5th and 6th Sts., involv. const. and reconstruction of concrete curbs, gutters, headwalls and catchbasin with iron covers, 6-in. vit. sewers; corr. iron culverts, grading and paving 15-ft. each side with 1½-in. asph. conc. base with 1½-in. Warrenite Bit surface. 1911 Act and Bond Act 1915. Cert. check 10% payable to Mayor and Common Council reg. Plans on file in office of clerk. J. R. Meek, city eng.

LOS ANGELES, Cal.—Until 2 p. m., Oct. 6, new bids will be rec. by supervisors to imp. Las Flores Canyon Rd., 28,600 cu. yds. earth, 28,600 cu. yds. excav. incl. clearing and grub; 8296 cu. yds. rock excav.; 485 lin. ft. roadbed; 8635 sq. yds. oil (placing); 2000 lin. ft. guard fence; 500 cu. yds. cem. conc. for 24-in. curb and 12-in. base; 1200 cu. yds. to be 16 ft. graded and oiled. Cash contract No. 224. Previous bids were rejected.

LOS ANGELES, Cal.—Baker & Kinsman, 832 H. W. Hellman Bldg., award. cont. by bd. pub. wks. at approx. \$23,000 to imp. Dover St., bet. Seneca Ave. and 134 ft. w. of Glenfield Blvd., involv. const. bitum. base pav. and other vid. items.

E. A. Baker 832 Edgemont, awarded cont. at \$17,211 to imp. Templeton St. bet. Chadwick Dr. and 179 ft. w. of Fortuna Ave. Conc. Pav. etc.

Geo. H. Oswald, 366 E 58th Street, awarded cont. at \$33,956 to imp. 96th St., bet. 100 ft. w. of Figueroa St. and Vermont Ave.; conc. pav., etc.

WHITTIER, Cal.—City trustees declare inten. to imp. alley bet. Greenleaf Ave. and Comstock Ave., from Broadway to Camilla St.; 5-in. conc. pav., 5-in. vit. curb, 12-in. base, catchbasin; 1911 act Paul Gilmore, city clerk.

PISMO BEACH, Cal.—Until 2 p. m., Oct. 22, bids will be rec. by Pismo Beach Sanitary Board to const. sewage disposal wks. and ocean outfall. Separate bids may be submitted on the two sections. The disposal works will involve a sedimentation plant, a sludge to be discharged through the ocean line. The outfall will consist of a 12-in. C. I. pipe, 1500 ft. long (from plant), 1300 ft. under water, (approx. 20 ft. deep). Cert. check \$1500. Plans obtainable from Black & Veatch, 800 Fay Bldg., Los Angeles, engrs., upon deposit of \$25.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 3, 7:30 p. m., bids will be rec. by Walter L. Bachrodt, secy. Board of Education, to pave fronting school property in 2nd, Mission, 4th and Edward streets. Plans obtainable from Wm. Popp, city engineer.

LOS ANGELES, Cal.—Robinson & Sons Co., 2400 Millan St., South Pasadena, submitted low bid to superintend at \$72,295 to construct Sycamore Canyon No. 1 storm drain consisting of reinf. conc. tunnel and reinf. conc. uncovered ditch, 283 ft. Other bids: Thos. Haverty Co., \$77,225; Geo. W. Kemper, \$83,250; Callahan Const. Co., \$96,000.

Joseph J. Dunne Co., 3123 Maywood Ave., Eagle Rock, low at \$22,880 to const. Sycamore Canyon storm dr. No. 1-A an alt. to No. 1, consisting of reinf. conc. tunnel through the hills into the Verdugo wash, instead of open cut through streets to L. A. river, as called for under No. 1. Other bids: Thos. Kelly & Sons, \$28,700; Geo. W. Kemper, \$310,600; Chas. and Geo. K. Thompson, \$316,230; Crook & Henno, \$355,586; Thos. Haverty Co., \$555,950.

Thos. Haverty Co., 8th and Maple, submitted low bid at \$83,925 to const. Sec. 2 of Sycamore Canyon storm dr., consisting of reinf. conc. tunnel and storm dr., uncovered ditch, 933 ft. Total length of Secs. 1 and 2, 2 mi. Sec. 3, 1½-mi. to be built later. Other bids: Geo. W. Kemper, \$90,500; deWitt and Morine, \$101,570.

Thos. Haverty Co., 8th and Maple, low at \$83,750 to const. Sec. 3 of Sycamore Canyon storm dr., consisting of reinf. conc. tunnel and storm dr., 1½-mi. Geo. W. Kemper bid \$96,000.

STOCKTON, San Joaquin Co., Cal.—Will Moreland, Stockton, at \$37,442.50 awarded cont. by supervisors to imp. Upper Sacramento road from Lodi-Lockford road south, involv. 6330 cu. yds. grading; 8850 tons base course (rock or gravel); 2550 tons top course; 1180 tons screenings or pea gravel; 980 blbs. asphaltic oil. Other bids: Irey and Holden, \$137,465.05; Blumenkranz and Vernon, \$37,898.50.

LOS ANGELES, Cal.—Adam Dalmatin, 841 W 62nd St., submitted low bid at \$43,300 to bd. pub. wks. for sewer in 65th St., bet. Vermont and Normandie Aves. Other bids were: M. Miller, \$45,097; J. M. Derania, \$46,700; Culjak & Bebek, \$47,000; Martin G. Erklich, \$51,000; Joe Chutuk, \$53,100; Hickey & Harmon, \$54,000; Leo Milechik, \$50,000; S. Zarubica and B. P. Radieh, \$61,200.

BERKELEY, Alameda Co., Cal.—Until Oct. 7, 9 a. m., bids will be rec. by E. M. Hann, city clerk (Res. of Inten. 518) to imp. Avis rd., bet. San Antonio and San Luis Road and portion of San Antonio Ave., involv. grading; const. conc. curb and gutter; macadamizing; 7-in. by 30-in. conc. and corr. iron culverts with 5-in. by 24-in. branch culverts, curb inlets and junction basin; nine 4-in. lateral sewers, 1911 Act. Cert check 10% payable to city req. Plans on file in office of clerk.

LOS ANGELES, Cal.—Bd. pub. wks. plans to appropriate \$150,000 for st. repairs in San Fernando valley, providing the property owners and the co. super. each provide an additional \$150,000.

HEALDSBURG, Sonoma Co., Cal.—Residents of Dry Creek section plan to organize road district to finance paving of road to east side of valley. Petitions are being circulated for presentation to county supervisors. E. A. Feugh, county surveyor.

FULLERTON, Cal.—City trustees declare inten. to imp. W Brookdale Pl., bet. N Richman and N Highland Aves., and por. other sts.: 1½-in. Topeka surf on 3-in. asph. conc. base; 2-in. oil macad. surf; lgt. sys.; 4-in. vit. hse. sewers; 1911 act. F. C. Hezmalhalch, city clerk.

SONOMA COUNTY, Calif.—County supervisors endorse proposal of State Highway Commission to complete Black Point cut-off; pave unpaved portion of the Santa Rosa-Schellville highway; widen Redwood highway to twenty feet from the Marin county line to Healdsburg; complete proposed highway to town of Cloverdale.

LOS ANGELES, Cal.—Eng. Hudson, assoc. with Harland Bartholomew, engaged by Hollywood cham. of comm. to make survey and fur. gen. engr. information, cost, etc., for widening of Cahuenga Ave. and the constr. of a 200-ft. diagonal cross lot and Hoover of Cahuenga and Sunset. L. A. Traffic Comm. will probably provide a por. of the funds, possibly \$700,000.

SALINAS, Monterey Co., Cal.—Until Oct. 6, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, (Res. of Inten. 33) to imp. Willow St., bet. S-Main and California St., including crossing at Pajaro St., involv. 82,333 sq. ft. grading; 2189 lin. ft. conc. curb; 48,375 sq. ft. 5-in. cem. conc. pavement, 1911 act and Bond Act 1915. Cert. check 10% payable to city req. Howard Cozzens, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 6, 8 p. m., bids will be rec. by city council to imp: 12th St., bet. Empire and Jackson Sts., involv. grading; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks, 1911 Act and Bond Act 1915.

CLAREMONT, Cal.—City Eng. instructed to proceed with plans for Claremont section of the new tri-city sew. sys. The dist. to be formed is bounded by Berkeley, Dartmouth Aves, First St. and Mesa Ave.

SANTA ANA, Cal.—Supervisors will ask bids shortly for 4.5 mi. rd. from the cor. of Bradford and Chapman Aves at Round Table Clubhouse, s to Kramer Ave., thence to Richfield Blvd. and Alta Vista St., thence to Richfield via Loma Vista, Yorba Linda Blvd., Morse Rd. and Van Buren St. Est. \$125,000. J. L. McElride, co. rd. comm.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 6, 8 p. m., bids will be rec. by city council to imp:

12th St., bet. Empire and Jackson Sts., involv. grading; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks, 1911 Act and Bond Act 1915.

Vine St., bet. Park and San Fernando Sts., involv. grading; pave with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. gutter, 1911 Act & Bond Act 1915.

Cert. check 10% payable to city req. Plans on file in office of clerk. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 6, 8 p. m., bids will be rec. by city council to imp:

27th St., bet. Santa Clara and St. John Sts., involv. grading; pave with 2-in. Warrenite-Bit. surface on 3½-in. bitum. concrete base; hyd. cem. walks, curbs and gutters, 1911 Act & Bond Act 1915.

Jerome St., bet. Delmas and Prevost Sts., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous base; hyd. cem. conc. walks, curbs and gutters; 1 br. manhole; 4 hyd. cem. conc. storm water inlets; vit. pipe drains, 1911 Act & Bond Act 1915.

Duane St., bet. 1st and Orchard Sts., involv. grading and paving with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; 2 cem. conc. inlets; 8-in. vit. pipe drains, 1911 act and Bond Act 1915.

Cert. check 10% payable to city req. Plans on file in office of clerk. Wm. Popp, city engineer.

COMPTON, Cal.—Chamber of comm. has pledged itself to calling second bond election to vote \$70,000 for trunk line sewers in the west and east ends of the city.

BAKERSFIELD, Kern Co., Cal.—J. A. Dowling, 620 Call Bldg., San Francisco, submitted low bid to supervisors at \$8506 to imp. California Ave., involv. 26,461 sq. ft. subgrade 4.8c ft., 26,461 sq. ft. pav. 23.3c ft., 2121 ft. hdrs. 14c ft., 36 ft. single culv., \$6.50 ft., 16 ft. double culv., \$8 ft., 8229 sq. ft. shoulders, 5c sq. ft.

Calif. Constr. Co. bid 5.2c grad., 24c pav., 12c hdrs., \$6 single culv., \$8 double culv., 6c shoulders; total \$8818.87.

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Name

Street and No.

City State

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY \$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3981	Mayer	Owner	9000
3982	Muller	Stamper	6000
3983	Kerrigan	Owner	3000
3984	Nignacco	Howard	20000
3985	Mahan	Palmer	10000
3986	Silverstein	Meyer	3000
3987	Same	Same	3000
3988	Mayer	Owner	6000
3989	Joonsson	Romines	4500
3990	Nelson	Owner	32000
3991	Same	Same	15000
3992	Krogh	Krogh	1500
3993	Bell	Arnott	6000
3994	Frank	Owner	2500
3995	Wobegiewicz	Frasson	6000
3996	Palladino	Hanna	3000
3997	Brennel	Saari	3000
3998	Graubart	Owner	2000
3999	Williams	Mallock	1000
4000	Koffer	Owner	1000
4001	Carrier	Vannucci	1000
4002	Nelson	Owner	25000
4003	Holden	Owner	12000
4004	Mannix	Owner	1000
4005	Henry	Kronquist	2750
4006	Boalincelli	Dwyer	4100
4007	Hutchinson	Maher	22643
4008	Casey	Bateman	2800
4009	Vahlberg	Owner	8000
4010	Johnson	Owner	2000
4011	Buschke	Buschke	7500
4012	Frank	Owner	2950
4013	Compton	O'Neill	26500
4014	Ferrari	Brueck	6800
4015	Leigh	Owner	12000
4016	Dehatta	Owner	1000
4017	Isaacson	Owner	6000
4018	Lacy	Lacy	3000
4019	Legal	Goodwin	13600
4020	St. Peter	Sbarbaro	400
4021	Gunsburger	Robinson	8000
4022	Anderson	Owner	45000
4023	Hahn	Owner	4000
4024	Mission	Owner	10000
4025	MacDonald	Owner	4000
4026	Nelson	Owner	10000
4027	Di Grazia	Cooperative	8000
4028	Campodonico	Ingraham	15200
4029	Borg	Hantzsch	11760
4030	Glennon	Hantzsch	....

4031	Irving	Jones	....
4032	Hope	Cohn	44124
4033	Washington	Hayes	1735
4034	Davenport	Papenhause	9600
4035	Christensen	Owner	2000
4036	Mensor	Edwards	1000
4037	Fahning	McDonough	1976
4038	Cherlin	Co-Operative	1000
4039	Theodos	Owner	6500
4041	Abraham	Owner	18000
4042	Shuler	Owner	5500
4043	Doyle	Owner	8000
4044	Larson	Owner	9000
4045	Doseus	Owner	9000
4046	Fazio	Blood	....
4047	Dyer	Owner	30000
4048	Shuler	Anslar	1000
4049	Malley	Michel	1000
4050	Schlingner	Nelson	9000
4051	McCallough	Bow	6750
4052	Meyerson	Owner	1000
4053	Berman	Owner	2000
4054	Cederblad	Kronquist	3000
4055	Duncan	Fraser	18718
4056	McCall	Meyer	12991
4057	Scott	Lindsay	1200
4058	Gutzberger	Smith	8500
4059	Lachmann	Robinson	11125
4060	Stevens	Anderson	1650
4061	Duck	Owner	8000
4062	Nelson	McConnell	18000
4063	Barmales	Owner	50000
4064	Bow	Kronquist	1200
4065	Multo	Owner	1000
4066	Klenck	Owner	8000
4067	Marks	Owner	1000
4068	O'Brien	Meinberger	10000
4069	Laudeman	Owner	8000
4070	Shuler	Owner	9000
4071	Anderson	Austin	9000
4072	Anderson	Meyer	8216
4073	Anderson	Meyer	8431
4074	Anderson	Meyer	4108

DWELLINGS

(3981)	E MIRAMAR 225 N Lakeview	....
(3982)	S Grafton Ave 25 W Miramar, W	....
(3983)	Avilla 225 N Chestnut. Three one-story and basement frame dwellings.	....
(3984)	Owner—Meyer Bros., 1 Montgomery St., San Francisco.	....
(3985)	Architect—None.	\$3000 ea

FLATS

(3982)	W Gough 112-6 N Chestnut	....
(3983)	Two-story and basement frame (2) flats.	....

Owner—H. C. Muller, 5331 Geary St., San Francisco.	....
Architect—Ed. J. Symmes, 1st National Bank Bldg., San Francisco.	....
Contractor—Stempel & Conley, 5331 Geary St., S. F.	\$5000

DWELLING

3981	SE QUESADA 200 W Lane. One-story and basement frame dwelling.	.....
Owner—J. P. Kerrigan, 115 Thornton Ave., San Francisco.		.....
Architect—None.		\$2000

DWELLING

(3981)	E MAGELLAN 200 N Pacheco.	
	Two-story and basement frame dwelling.	
	Owner—Mabel Nignacco, 732 8th Ave., San Francisco.	
	Architect—C. C. Howard	
	Contractor—C. C. Howard, 218 Spear St., San Francisco.	\$5000

APARTMENTS

(3985)	SW ANZA AND TWENTY-eighth Ave. Two-story and basement frame (8) apartments.	
Owner—	Alma Mahan.	
Architect—	Roller & Meherin, 117 Front St., San Francisco.	
Contractor—	C. F. Parker, 251 Kearny St., San Francisco.	\$20,070

DWELLING

3981	W TWENTIETH AVE 150 N Moraga. One-story and basement frame dwelling.	....
Owner—L. Silverstein, % Contractor.	....
Architect—None	....
Contractor—Meyer Bros., 1 Montgom- ery St., San Francisco.	\$3000	

FLATS

(3987)	E SAN BRUNO AVE 225 N Thornton. Two-story and basement frame (2) flats.	....
Owner—L. Silverstein, % Contractor.	....
Architect—None.	....
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.	....	\$5000

DWELLINGS

(3981)	N GRAFTON 75 and 100 W Lee Ave. Two one-story and basement frame dwellings.	....
Owner —	Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None.		\$3000 ea

STOCKHOLDERS AUXILIARY CORP.

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SURETY BONDS
CASUALTY)

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550 MONTGOMERY ST.

DWELLING
(3392) S. QUESADA bet. 12th and 13th. Two-story and basement frame dwelling.
Owner—P. and Rose M. Heston.
Architect—S. H. Heston.
Contractor—Remondos, 400 E. 24th St., S. F. \$4,000

DWELLINGS
(3393) E. HAZELWOOD AVE. bet. 100th and 102nd & Montezuma Blvd., W. A. 125 and 127 and 129 S. Montezuma Blvd. Three one-story and basement frame dwellings.
Owner—Nelson Bros., 250 Montezuma Blvd., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. \$1,000 each

DWELLINGS
(3394) SE. JOST AND HAZELWOOD, NW. Montezuma and Valdez, NE. Montezuma Blvd. and Hazelwood. Three one-story and basement frame dwellings.
Owner—Nelson Bros., 250 Montezuma Blvd., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. \$5,000 each

DWELLING
(3395) N. CARRILLO 75 E. 14th Ave. One-story and basement frame dwelling.
Owner—Peter M. and M. L. Krogh, 128 10th Ave., San Francisco.
Architect—None.
Contractor—Peter M. Krogh, 128 10th Ave., San Francisco. \$4,500

DWELLING
(3396) SW. KENNINGTON 325 NW. Ulloa. Two-story and basement frame dwelling.
Owner—Russell W. Bell, 235 Gravelly Way, San Francisco.
Architect—None.
Contractor—James Arnett & Son, 235 Gravelly Way, S. F. \$6,000

DWELLING
(3397) SE. MADRID & EXCELSIOR Aves. One-story and basement frame dwelling.
Owner—A. B. Frank, 1607 Mission St., San Francisco.
Architect—None. \$2,950

RESIDENCE
(3398) W. SAN BRUNO AVE. 250 N. Harkness. One-story and basement frame residence.
Owner—A. J. Wolongiewicz, 3422 San Bruno Ave., San Francisco.
Architect—None.
Contractor—Joseph S. Fratessa, 896 Girard St., S. F. \$6,000

STORE
(3399) SW. ATHENS & BRAZIL AVES. One-story frame store.
Owner—S. Palladino, Premises.
Architect—None.
Contractor—Frank Hanna, 6 Gladys St., San Francisco. \$3,000

ALTERATIONS
(3400) ST. BENNINGTON & HIGHLAND Aves. Remodel store for 4-room flat.
Owner—W. Brennel, Premises.
Architect—None.
Contractor—S. Saari, 209 Felton St., San Francisco. \$3,000

ALTERATIONS
(3401) S. JACKSON 148 W. Van Ness Ave. Alter for public garage.
Owner—Louis Graubart, 1807 Polk St., San Francisco.
Architect—None. \$2,000

ALTERATIONS
(3402) NO. 2883 PACIFIC AVE. Stucco exterior of residence.
Owner—J. A. Williams, 156 Montgomery St., San Francisco.
Architect—None.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. \$1,000

ALTERATIONS
(4000) NO. 286-288 HENRY. Raise and remodel basement of flats for private garage; concrete work, etc.
Owner—Alexander Koffet, 266 Arlington St., San Francisco.
Architect—None. \$1,000

ALTERATIONS
(4001) NO. 3248 WASHINGTON ST. Remodel for private garage.

OWNER—Mr. Craig Griffin, President, American-Northern Lumber Co., 16th and Valencia Sts., S. F.

APARTMENTS
(4002) SE. TWENTYETH AVE. AND SAN FRANCISCO. Two-story and basement frame (100 apartments).
Owner—W. N. Scott.
Architect—E. E. Young, 2002 Cal. Street, San Francisco. \$25,000

DWELLINGS
(4003) N. GRANVILLE WAY 500, 520 and 560 S. Van Ness. Three one-story and basement frame dwellings.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—has. F. Strothoff, 2274 15th St., S. F. \$4,000 each

ALTERATIONS
(4004) NO. 1120 GOUGH. Remodel 10 room residence for (2) flats.
Owner—Mrs. E. Mannix, 530 Fell St., San Francisco.
Architect—None. \$1,000

RETAINING WALL
(4005) NE HYDE AND LOMBARD E. 137-6XN 275. All work for concrete retaining wall.
Owner—Carl A. Henry, 405 Sansome St., San Francisco.
Architect—Ward & Blohm, 454 California St., San Francisco.
Contractor—Kronnick Bros., 1659 O'Farrell St., San Francisco.
Filed Sept. 19, '24. Dated Sept. 19, '24. Work 50% completed. \$1,041.25 Completed and accepted. 1,031.25 36 days after. 687.50 TOTAL COST, \$2,750.00
Bond, \$1,375. Surety, R. F. Doepfner.
Limit, Oct. 18, 1924. Forfeit, none. Plans and specifications filed.

BUILDING
(4006) S. BERNARD bet. Leavenworth and Jones. All work for frame building.
Owner—E. Paolinelli, 1159 Leavenworth St., San Francisco.
Architect—George E. Ralph, 431 Rialto Bldg., San Francisco.
Contractor—W. H. Dwyer.
Filed Sept. 19, '24. Dated Sept. 19, '24. On 5th day of each month. 15% Usual 35 days. 25% TOTAL COST, \$4,100
Bond, none. Limit, Oct. 15, 1924. Forfeit, none. Plans and specifications filed.

APARTMENTS
(4007) W. DOLORES 167-6 N. Seventeenth N. 26-102 W. 102 S. 24-42 E. 5 S. 2-6 E. 97. All work for three-story apartments.
Owner—Arthur C. and Gertrude M. Hutchinson, 2242 22nd St., S. F.
Architect—None.
Contractor—Maher & Rawls, Mills Bldg. San Francisco.
Filed Sept. 19, '24. Dated Sept. 17, '24. Building enclosed. \$560.93 Rough mortar on. 560.93 Completed. 560.94 Usual 35 days. 560.95 TOTAL COST, \$2,643.75
Bond, sureties, none. Forfeit, \$12.50 per day. Bonus, \$12.50 a day. Limit, 120 days. Plans and specifications filed.

FACTORY
(4008) NE. CHESLEY AND BRYANT Sts. One-story and basement brick factory.
Owner—Thos. H. Casey, et al, 973 Guerrero St., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco.
Contractor—J. Bateman. \$3,850

FLATS
(4009) W. NINETEENTH AVE. 100 N. Clement. Two-story and basement frame (2) flats.
Owner—E. J. Wahlberg, 165 Parnassus Ave., San Francisco.
Architect—None. \$8,000

ADDITIONS
(4010) S. McALLISTER 135 W. Gough. Additions for 3-room apartment.
Owner—Manfred Johnson, 2230 Steiner St., San Francisco.
Architect—None. \$2,000

RESIDENCE
(4011) N. EULTON 89.22 W. Third Ave. Two-story and basement frame residence.
Owner—Mrs. Ruth Buschke, 604 Mission St., San Francisco.
Architect—None.
Contractor—Buschke & Brown, 604 Mission St., San Francisco. \$7,500

DWELLING
(4012) SE. MAIDHEAD 25 SW. Excelsior. One-story and basement frame dwelling.
Owner—A. B. Frank, 4807 Mission St., San Francisco.
Architect—None. \$2,950

ALTERATIONS
(4013) NO. 6-8-10 KEARNY. Remodel for restaurant; hollow tile partitions; dumb waiter; plumbing fixtures; glass work, etc.
Owner—C. A. Compton, Premises.
Architect—Leo J. Devlin, 821 Market St., San Francisco.
Contractor—Daniel O'Neill, 273 Minna St., San Francisco. \$26,500

FLAT, ETC.
(4014) W. SAN BRUNO AVE. 25 N. Burrows. All work for two-story frame building (store and flat).
Owner—D. Ferrari, San Bruno and Burrows, San Francisco.
Architect—None.
Contractor—M. Brueck, 600 Chart Oak Ave., San Francisco.

Filed Sept. 20, '24. Dated Sept. 19, '24. Roof on. 1,700 Brown mortar on. 1,700 Accepted. 1,700 Usual 35 days. 1,700 TOTAL COST, \$6,800
Bond, none. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

(4015) E. THIRTY-THIRD AVE. 125 & 150 S. Balboa. Two two-story and basement frame flats (2 flats in ea building).
Owner—David Leigh, 801 41st Ave., San Francisco.
Architect—None. \$6,000 each

ALTERATIONS
(4016) NO. 162 LUNDY LANE. Concrete foundation; underpinning; plaster front of dwelling.
Owner—Sam Dehalla, 166 Lundy Lane, San Francisco.
Architect—None. \$1,000

DWELLINGS
(4017) S. MONTEZUMA 200 and 421 E. Shotwell. Two one-story and basement frame dwellings.
Owner—Isaacson & Nyland, 53 Cortland Ave., San Francisco.
Architect—None. \$3,000 each

DWELLING
(4018) W. TWENTY-SIXTH AVE. 100 N. Ulloa. One-story and basement frame dwelling.
Owner—Mrs. M. Lacy, 467 Paris St., San Francisco.
Architect—Bing E. Nelson, Mill Valley, Calif.
Contractor—Wm. E. Lacy, 2150 California St., S. F. \$3,000

ALTERATIONS
(4019) 807 MARKET ST. Construct show windows, install shelving, etc., for store.
Owner—Regal Shoe Co., 772 Market St., San Francisco.
Architect—Albert Schroeffer, 68 Post St., S. F.
Contractor—C. L. Goodwin Co., % Architect. \$13,600

DWELLING
(4020) E. AVILA 357-6 S. Capra. 1-story and basement frame dwelling.
Owner—St. Peter and Paul's Church. Architect—Powers & Ahnden, 460 Montgomery St., S. F.
Contractor—Sbarbaro-Dejien & Jorgensen, 2300 Chestnut, S. F. \$4,000

DWELLINGS
(4021) E. EIGHTH AVE. 200-3 and 228-6 S. Lawton. Two 1-story and basement frame dwellings.
Owner—E. W. Gunsburger, 1150 Divisadero St., S. F.
Architect—None.
Contractor—Robinson & Johnston, 1943 Anza St., S. F. \$4,000 each

CLASS C BLDG.

(4023) E. JONES 51-8 S Geary, 6-story and basement class (C) apt.
Owner—O. E. Anderson, 483 15th Ave., San Francisco
Architect—Barnhart & Jones, 214 Kearny St., S. F.

DWELLING

(4023) W TWENTYETH AVENUE 90 N
Lawton, 1-story and basement frame dwelling.
Owner—A. J. Hahn, 102 Hearst Bldg., San Francisco.
Architect—None.

PLAYS

(4024) S FOURTEENTH 75 W Ramona, 2-story and basement frame (4) flats.
Owner—Albion Realty Co., 2005 Mission St., S. F.
Architect—A. J. Horstmann, 110 Sutter St., S. F.

DWELLING

(4025) E LAYTON 50 N Beannington, 2-story and basement frame dwlg.
Owner—L. H. MacDonald, 2829 20th St., S. F.
Architect—None.

DWELLINGS

(4026) E WAWONA 95, 125, 155 and 187 N 15th Ave. Four 1-story and basement frame dwellings.
Owner—Fernando Nelson & Sons, No. 2 West Portal, S. F.
Architect—None.

PLAYS

(4027) E LOMBARD 136 S Stockton, 2-story and basement frame (2) flats.
Owner—F. Di Grazia, 630 Greenwich St., S. F.
Architect—T. A. Sourich, 625 Market St., S. F.
Contractor—Co-Operative Builders, 625 Market St., S. F.

PLAYS

(4028) SE LOMBARD AND JONES E 87-6 x S 37-6.
All work except heating system & hot water heaters for 2-story and basement flats.
Owner—Geo. Campodonico, 883 Greenwich, San Francisco.
Architect—Paul J. Capurro, 1 Winter, San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.
Filed Sept. 22, 1924. Dated Sept. 20, '24.
T & L laid on 3800
Brown coated 3800
Completed and accepted 3800
Usual 35 days 3800
TOTAL COST, \$15,200
Bond, \$7600; Sureties, J. C. Moore and J. C. Moore, for Foret, none; Limit, 75 days; Plans and specifications filed.

BUILDING

(4029) E FIFTEENTH AVENUE 125 N Fulton N 25 E 120. All work for 1-story and basement frame building with view room.
Owner—Chas. & Emma Borg.
Architect—None.
Contractor—G. M. Hantzschke, 528 31st Ave., San Francisco.
Filed Sept. 22, 1924. Dated July 23, 1924.
Second floor joist set \$205
Brown coated 2205
Finish started 2205
Completed and accepted 2205
Usual 35 days 2940
TOTAL COST, \$—
Bond, \$6000; Sureties, Fred O. McKay and Joseph Eder; Forfeit, \$10 day; Limit, plans and specifications, none.

BUILDING

(4030) SE BUENA VISTA AVENUE Dist. along said line and following various courses W and SW 571.25 more or less from SW Buena Vista and Park Hill Ave.
Owner—Blanche Glennon.
Architect—None.
Contractor—G. M. Hantzschke, 528 31st Ave., San Francisco.
Filed Sept. 22, 1924. Dated July 31, 1924.
As work progresses \$—
Usual 35 days \$1750
TOTAL COST—Cost plus 7%
Bond, Sureties, none; Forfeit, \$10 day; Limit, 90 days; Plans and specifications none.

REMODEL

(4031) SE GUERRERO & TWENTYETH Sts. Remodel building.
Owner—Benjamin Irving, 801 Guerrero St., San Francisco.
Plans by owner.
Contractor—L. M. Jones, 3767 Alamy St., San Francisco.
1th each month 75%
Usual 35 days 25%
TOTAL COST—Cost plus 10%
Bond Forfeit, none; Limit, 90 days; Plans and specifications, none.

STORE

(4032) NW MARKET 150 SW Marshall Sq. SW alg. NW Market 25 N W 100 SW 25 NW \$6.75 to S Grove E alg. S Grove to S 2 to limit right angles to NW Market at pt of beg. SE 150.936 to beg. being City Hall Lot 81 and ptn. City Hall Lots 82 and 84. All work for store bldg.
Owner—Hope Realty Co., 1021 Hearst Bldg., San Francisco.
Architect—G. E. McCrea, 369 Pine St., San Francisco.
Engineers—Ellison & Russell.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.
Filed Sept. 22, 1924. Dated Sept. 19, '24.
1st & 15th each month 25%
Usual 35 days 25%
TOTAL COST, \$44,124
Bond, \$22,062; Sureties, Aetna Casualty & Surety Co; Forfeit, \$50 day; Limit, Dec. 19, 1924; Plans and specifications filed.

BOILER PLANT

(4033) SE BUSH AND GRANT AVE. All work for furnishing and installing low pressure boiler plant.
Owner—Washington Hotel Co., SE Bush and Grant Ave., S. F.
Engineer—Coddington & Duncan, Phelan Bldg., S. F.
Contractor—Daniel Hayes, 510 Phelan Bldg., S. F.
Filed Sept. 22, 1924. Dated Aug. 18, 1924.
Completed and accepted 575
Usual 35 days 575
TOTAL COST, \$1,150
Bond, sureties, forfeit, none. Limit, Oct. 24, 1924. Plans and specifications filed.

DWELLING

(4034) LOT 5, BLK. 15, Forest Hill. All work for 1-story and basement frame and plaster dwelling with detached garage.
Owner—W. L. and Hope Davenport.
2147 Lake, S. F.
Architect—Marten & Hurd, 278 Post St., S. F.
Contractor—Henry Eppenhausen, 122 2nd Ave., S. F.
Filed Sept. 22, 1924. Dated Sept. 15, 1924.
Frame up \$2400
Int. & ext. brown coated 2400
Completed and accepted 2400
Usual 35 days 2400
TOTAL COST, \$9600
Bond, \$4800. Sureties, C. W. Higgins and L. H. Birth. Forfeit, \$5.00 per day. Limit, 90 days. Plans and specifications filed.

DELLING

(4035) N MUNICH 251 W Cordova. One-story and basement frame dwelling.
Owner—M. Christensen, 1720 Fillmore St., San Francisco.
Architect—None.
Contractor—Christensen & Matheson, 1720 Fillmore St., S. F.

ALTERATIONS

(4036) NO. 3328 SACRAMENTO. Remedied for private garage.
Owner—Albert Alexander and William Menser, Premises.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—F. Edwards, 2828 Pine St., San Francisco.

ADDITION

(4037) NO. 249 PRIM. Three-room addition to cottage.
Owner—Mrs. Elizabeth Fahning, Prem.
Architect—None.
Contractor—W. E. McDonough, 6284 Mission St., S. F.

STORE

(4038) E VALENCIA 80 N 18th. Two-story and basement frame store.
Owner—L. Cherin, 717 Valencia St., San Francisco.

Architect—Chas. Fethsworth, 4065 19th St., San Francisco.
Contractor—Co-Operative Builders, 625 Market St., S. F.

PLAYS

(4039) NE MARIPOSA & VERMONT Two-story and basement frame (4) flats.
Owner—Vangel Theobald, 473 Vermont St., San Francisco.
Architect—None.

APARTMENTS

(4040) N GROVE 109-7 W Masonic, 2-story and basement frame (4) apartments.
Owner—Marie Essel, 185 19th Ave., San Francisco.
Architect—None.
Contractor—M. Magill, 185 19th Ave., San Francisco.

APARTMENTS

(4041) NE CALE AND GROVE Three-story and basement frame (12) apartments.
Owner—M. P. Storheim, 201 Cassell Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

STORES

(4042) N NINETEENTH 80 E Mission One-story frame stores.
Owner—Miss M. E. Doyle, 815 Pierce St., San Francisco.
Architect—J. A. Forrester, 619 Washington St., S. F.

PLAYS

(4043) E FIFTH AVE 60 S Hugo. Two-story and basement frame (2) flats.
Owner—Avel R. Larson, 516 San Jose Ave., San Francisco.
Architect—J. C. Hladik, 825 Monadnock Bldg., San Francisco.

PLAYS

(4044) S GEARY 100 W Tenth Ave. Three-story and basement frame (4) flats.
Owner—J. M. Boscut & Co., 339 Clement St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

DWELLING

(4045) SE CAINE 250 W Lakeview. One-story and basement frame dwelling.
Owner—Louis Fazio, 5 Sonoma Place, San Francisco.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—W. W. Blood, 840 Geary St. San Francisco.

SHED

(4046) NE RHODE ISLAND AND Sixteenth. Erect stock shed.
Owner—Dyer Bros. Golden West Iron Works, Inc., 17th and Kansas Sts., San Francisco.
Architect—None.

ALTERATIONS

(4047) SW TWENTY-SEVENTH AND Sanchez. Remodel residence for (3) flats.
Owner—J. T. Shaler, % Architect.
Architect—Henry Shermund, Hearst Bldg., San Francisco.
Contractor—Ansler & Stone, Nevada Bank Bldg., S. F.

STATION

(4048) SW PLYMOUTH AND OCEAN Aves. One-story steel service station.
Owner—F. L. Malloy, 224 Brighton Ave., San Francisco.
Plans from Stock Design.
Contractor—Michel & Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.

PLAYS

(4049) W TWENTY-THIRD AVE 175 N Anza. Two-story and basement frame (2) flats.
Owner—J. M. Schlissinger.
Architect—None.
Contractor—P. Algot Nelson, 355 Oak St., San Francisco.

SE JONES AND LOMBARD. Two-story and basement frame flats.
Owner—Y. Campodonico.
Architect—None.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.

NOTE—Recorded contract reported Sept. 32, 1924, No. 4028.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Sept. 17, 1924—W LOWER TERRACE 219 S 17th, being Lots 21, 22 and 23, Blk. F, portion of Park Lane Tract, Map 1, L. D. M. Coleman to whom it may concern. Sept. 16, '24
 Sept. 17, 1924—E 41ST AVE. 175 N Irving 25 x 120. Bernhard Building Co. to whom it may concern. Sept. 15, 1924
 Sept. 17, 1924—E 11ST AVE 100 W Irving 25 x 120. Bernhard Building Co. to whom it may concern. Sept. 15, 1924
 Sept. 17, 1924—W 27th St. 200 S Irving 25 x 120. R. Henricks to Chas. Simon. Sept. 17, 1924
 Sept. 17, 1924—LOT 12, BLK. 18, Amended Map 12, Terrace. John E. and wife Mary C. Lindsay to whom it may concern. Sept. 2, 1924
 Sept. 17, 1924—E DOLORES 125 S 24th S 25 x E 135. Emma J. Reuniger and Chas. A. Reuniger to Meyer Bros. Sept. 13, 1924
 Sept. 17, 1924—E DOLORES 100 S 24th S 25 x E 135. Helen M. King to Meyer Bros. Sept. 13, 1924
 Sept. 17, 1924—E 12th AVE 120 S Fulton 25 x E 120. Joseph Hughes to Walter Schwenk. Sept. 12, 1924
 Sept. 17, 1924—SW GUERRERO AND 25th, 30 x 120 W. J. F. A. to whom it may concern. Sept. 15, 1924
 Sept. 18, 1924—E THIRTY-NINTH AVE 72-1/2 and 48-8 N Geary N 25-88 E 85. H. O. Lindeman to R. Lindeman. Sept. 18, 1924
 Sept. 18, 1924—N SEVENTEENTH 75 W Mission. C. Haderl to M. C. Ingraham. Sept. 18, 1924
 Sept. 18, 1924—W NINETEENTH AV 191-8 N Lawton N 29-2XW 140. John A. Pereira to whom it may concern. Sept. 18, 1924
 Sept. 18, 1924—COMM 100 N 85° 40' E 135 W 4° 20' from intersection of S Humboldt and E Georgia N 4° 20' W 25 N 85° 40' E 120 4° 20' E 25 S 85° 40' W 120 m or l to beg. Pacific Gas & Electric Co. to Steel Tank & Pipe Co. of Calif. Sept. 15; George and Fred Windler (as George Windler Co.) Sept. 9; Same to Same. Sept. 15, 1924
 Sept. 18, 1924—W 34th AVE 8 S 25-12 Thirty-third 26x100. Hanna Mahoney to T. D. Sullivan. Sept. 18, 1924
 Sept. 18, 1924—NW FLORENTINE & Morse, 25x100. Victor Holmgren to whom it may concern. Sept. 15, 1924
 Sept. 22, 1924—S THERESA 17-6 m Alemamy. Frenk Olmo to whom it may concern. Sept. 15, 1924
 Sept. 22, 1924—LOT 13 BLK 2889 Map Laguna Honda Tract. Public Works Improvement Co. to whom it may concern. Sept. 22, 1924
 Sept. 22, 1924—S IRVING 100 W Twentieth Ave S 100xW 25. G. B. Jackson to D. A. Biehfeld. Sept. 16, '24
 Sept. 22, 1924—W MISSION 102-6 N Leo Lot 25x100. A. Brancalani and E Pasqueletti to Joseph Novello. Sept. 22, 1924
 Sept. 22, 1924—W NINTH 125 S 25-12 Clement S 37-6x120. Simon Fraser to whom it may concern. Sept. 20, '24
 Sept. 22, 1924—W CHURCH 135 S Herman S 25x79-10. Sarah Mitchell to whom it may concern. Sept. 20, 1924
 Sept. 22, 1924—E TWELFTH AV 250 N Moraga N 35x120. Andrew J. and Nellie Peterson to whom it may concern. Sept. 19, 1924
 Sept. 22, 1924—SIXTEENTH AND Illinois Associated Oil Co. to Main Iron Works. Sept. 17, 1924
 Sept. 22, 1924—E FIFTEENTH AVE Webster E 32xN 60. Alfred E. Hind to whom it may concern. Sept. 20, 1924
 Sept. 22, 1924—NE PENINSULA AND Bay Shore Av N 25-12 Ptn Blk 13. Crocker Bay Shore Tract. Crocker Estate Co. to whom it may concern. Sept. 16, 1924
 Sept. 22, 1924—E NAYLOR 33.70 W Chicago W 33-10 N 25-12 Naylor 33 NE 97.56 th bearing S 44° 36' 36" E 33.10 S 50° 16' 30" W 121.4 to NE Naylor and pt of beg. Ptn Lots 21 and 22 Blk 6433, Crocker Amazon Tract Sub No. 2. Crocker Estate Co. to whom it may concern. Sept. 16, 1924

Sept. 20, 1924—NO. 101 & 111 California St. California Packing Corp to Ace Sheet Metal Works. Sept. 19, 1924
 Sept. 20, 1924—LOT 8 BLK 3080 Map Blks 3080 to 3085. Westwood Highlands, Hans and Esther E. Nelson to whom it may concern. Sept. 19, 1924
 Sept. 20, 1924—SW SIXTEENTH AV and Irving. Dora Shapiro and J. Shapiro to Thomas M. Jones. Sept. 19, 1924
 Sept. 20, 1924—W TWENTY-EIGHTH AVE 15 N Balboa N 75 W 20 S 85 E 32.6 S 25 E 82-6. Wm McDonald to Thomas M. Jones. Sept. 19, 1924
 Sept. 19, 1924—SE MONTEREY AND Forster S 100 x E 125. Chas. and wife Lola L. Hamilton to whom it may concern. Sept. 14, 1924
 Sept. 19, 1924—W 34th AVE and Lombard W alg. S Lombard 52-6 x S 92. William S. Hoffman to whom it may concern. Sept. 19, 1924
 Sept. 19, 1924—W JACKSON AND Franklin. H. C. Keenan to whom it may concern. Sept. 19, 1924
 Sept. 19, 1924—W ASHTON AVE. 200 N Grafton. Mildred A. Breitman to Louis Goldstein. Sept. 18, 1924
 Sept. 19, 1924—SE BALBOA AND 26th Ave. John Jackens to Jacks & Irvine. Sept. 19, 1924
 Sept. 19, 1924—N O'FAIRLEIGH 137-1 1/2 E Leavenworth 120 O'Fairleigh St. Anna Brand to C. H. Hook. Sept. 16, 1924
 Sept. 22, 1924—NW EDINBURGH & Italy Av. Hung alg Italy Av. N 25-12 Boxed Woodman to whom it may concern. Sept. 19, 1924
 Sept. 23, 1924—1725 CHESTNUT ST. Umberto Odda to Fontanella & Teza. Sept. 20, 1924
 Sept. 23, 1924—E LAKE 5th E 27th Ave. E 25 x S 100. Frederick S. and wife Alice Spencer to H. O. Lindeman. Sept. 23, 1924
 Sept. 23, 1924—25 x 100 S SIDE MONTEREY Blvd 200 N. J. Kronquist to A. J. Kronquist. Sept. 13, 1924
 Sept. 23, 1924—E DIVISADERO with E Clay rung alg S Clay 106-3 N 102-1 1/2 W 25 N 75 W 81-3 N 102-3 1/2. Sixth Church of Christ Scientist to J. H. Kruse. Sept. 16; Same. Same to Same. Sept. 16, 1924
 Sept. 23, 1924—COMM 525 N 85° 40' from intersection of S Humboldt and E Georgia N 4° 20' W 75 N 85° 40' E 80 S 4° 20' E 75 S 85° 45' W 80 m or l to pt of beg. Pacific Gas & Electric Co. to Western Iron Works. Sept. 17, 1924
 Sept. 23, 1924—W 27TH AVE 175 S Taraval, 25x120. A. Erickson to whom it may concern. Sept. 23, 1924
 Sept. 23, 1924—S CALIFORNIA 67-6 E 31st Ave E 25xS 100 Ptn Blk 152. J. D. Stewart to whom it may concern. Sept. 23, 1924
 Sept. 23, 1924—LOT 21 BLK 23, St. Francis Wood Extension No. 2. Garden Homes Co. to Clarence M. Moore and M. P. Madsen (as Moore & Madsen). Sept. 19, 1924
 Sept. 23, 1924—LOT 21 BLK 6459 Crocker Amazon Tract sub No. 2. Crocker Estate Company to whom it may concern. Sept. 16, 1924
 Sept. 23, 1924—1924 SE CHICAGO W alg NW from N 25-12 N 81-3 N 6433 Crocker Amazon Tract Sub No. 2 rung NE alg Chicago Way 13.64 th on curve to right with radius of 25 ft dist. 42.22 to SW South Hill Blvd. SE alg SW South Hill Blvd 73.9 S 43 deg 22 min 3 sec W 35.99 N 51 deg 50 min 9 sec W 100.04 to SE Chicago Way & pt of beg ptn lots 10 & 11 blk 6438 Crocker Amazon Tract sub No. 2. Crocker Estate Company to whom it may concern. Sept. 16, 1924
 Sept. 23, 1924—LOT 32 BLK 6452 Crocker Amazon Tract sub No. 2. Crocker Estate Company to whom it may concern. Sept. 16, 1924
 Sept. 23, 1924—LOT 16 BLOCK 6453 Crocker Amazon Tract sub No. 2. Crocker Estate Company to whom it may concern. Sept. 16, 1924
 Sept. 23, 1924—SW NALCO 33.35 SW Chicago rung W alg SW Naylor 33.35 SW 97.56 S 35 deg 15 min 24 sec E 32.50 N 50 deg 45 min 06 sec E 100.10 to SW Naylor & pt of beg ptn lots 10 & 11 blk 6452 Crocker Amazon Tract Sub No. 2. Crocker Estate Company to whom it may concern. Sept. 16, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Sept. 18, 1924—NE FIFTEENTH & Hampshire N 58x E 39. E. W. Stone and J. Gemmett vs G. Rebolini \$367.58
 Sept. 18, 1924—NO. 1167-69-71 MARKET ST. at S Market bet. 7th and 8th Sts. having frontage of 45 ft. on Market by S 100 (known as Crystal Palace Market). Pioneer Plate & Window Glass Co. vs The Rosengren Co. \$148.75
 Sept. 18, 1924—SW NIAGARA 114.53 NW Mission NW 50xSW 80.18 Ptn Lot 10 Blk 3, West End Map No. 1. (Jus Steinman vs Maybell & Harry C. Steinman) \$149.85
 Sept. 22, 1924—E WOOL 25 S Eugenia S 25x E 70 (Ptn Gift Map No. 1). Rudolph Sahlgren vs Louis Trebing \$100
 Sept. 22, 1924—NE ALLISON 225 NW Cross NW alg Allison 25xNE 120 being NW 1/4 Lot 54, Bernal Hd. Assn. San Bruno Lumber & Supply Co. vs L. E. S. Selix. Sept. 15, 1924
 Sept. 19, 1924—LOT 10 of Block 57, Mission N 50 x W 100. Robt. F. Smith vs The Robt. F. Smith Co., vs P. Papadopoulos, S. Delenikos and G. Varsamopoulos, as People's Restaurant and Spermis Kordoulis and as Grecian Manufacturing Co. \$260.00
 Sept. 18, 1924—NW FOLSOM 140 NE 18th NE 82 NW 245 to SE Shotwell SW 72-3/4 SE 192-6 SW 9-3/4 SE 122-6. Arthur S. Bugbee vs New Parisian Dyeing & Cleaning Wks. Inc. and J. Allee. \$157.28
 Sept. 18, 1924—E NINTH AVE 275 N Geary 75 x E 120 S part to 9th Ave. 100. R. M. Mason vs The Catholic Archbishop of San Francisco. \$6615.53
 Sept. 23, 1924—SE EDDY & MASON, Co. to M. O. G. to J. E. Selix & Window Glass Co. vs I. E. Selix. \$68.01
 Sept. 23, 1924—NW 18TH AND Folsom N 50 x W 100. Henry Gervais vs P. Papadopoulos, S. Delenikos and G. Varsamopoulos and as Rose Restaurant & People's Restaurant and S. Kordoulis and as Kordoulis Mfg. Co. \$165
 Sept. 23, 1924—E MISSION 25-12 Lombard 25 on Mason and 70 on Lombard. Pioneer Plate & Window Glass Co. vs Wm. J. Rassetto. \$31.50
 Sept. 24, 1924—SW ANKNET AND Fourth (Ptn Gift Bldg.) C. S. McNally \$135; Exposition Woodworking Co. \$3800.50 vs Peoples Drug Store, Cora J. Flood, Gustave Brenner, Jesse Neubauer and Isidor Rosenberg

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Sept. 24, 1924—E LARKIN 92-11 S Rush S 44-7x E 84-6. W. J. Parttridge to Conrad and May Well, J. P. Delaney and Jane Doe Watkins
 Sept. 24, 1924—E TWENTY-SETH AVE 200 S Balboa S 33-7xW 120. Davis Hardwood Co. to Barry Bros.
 Sept. 24, 1924—E HOWARD 195 S Twenty-fifth & Sixth Aves. A. S. Fraumeni and J. R. Stewart to Dan E. Ulrich and Patrick McVeigh
 Sept. 22, 1924—NE TWENTY-NINTH and Tiffany Ave E alg N 29th St. 234-11 to cor. formed by intersection N 29th with NW Mission NE alg NW Mission 38-6 NW 200 to pt on SE Tiffany Ave (which pt dist 161.6 NE from pt of beg SW alg SE Tiffany 161-6 to beg pt Rancho El Rincon de las Salinas Potrero Viejo or Bernal Rancho and being Lot 28 and S 24 ft Lot 27 Tiffany & Det Map. Jas E. Cody to Mary or Mary A. Cody.
 Sept. 20, 1924—E TWENTY-SIXTH AVE 175 N Ulloa N 25x120. M. G. Perry, Samuel Ginsberg and Harry G. Gies (as Gies & Co.) vs F. Denucci; John Viotti & A. Frantetti; Frank Portman (as Portman's Planning Mill; Acme Lumber Co. to John M. and Jesse M. Lepore
 Sept. 22, 1924—E 28TH AVE 250 S Lincoln W 25 x E 120. L. W. Coplin to St. Francis Realty Co.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

4876	Standard	Austin	17500
4877	Brumbridge	Brumbridge	2000
4878	Devis	Owner	2500
4879	Hunter	Owner	6000
4880	Adler	Owner	2875
4881	Donovich	Owner	1000
4882	Hughes	Owner	4500
4883	Willis	Owner	4000
4884	McAnulty	Owner	6600
4885	Ingrossi	Owner	1000
4886	Pollard	Owner	2000
4887	Vogel	Owner	1000
4888	Smith	Owner	4500
4889	Mondino	Owner	2500
4890	Crabill	Owner	1000
4891	Looney	Knight	1500
4892	Blair	Owner	2000
4893	Gibson	Lyon	5000
4894	Blakeslee	West	4500
4895	Pharmacia	Owner	5500
4896	Vargas	Zwaal	2250
4897	H. H. H. H.	Owner	1200
4898	Frates	Scott	15700
4899	Jensen	Sorenson	2500
4900	Salerno	Anderson	2250
4901	Avory	Ingman	1000
4902	Smith	Heath	3500
4903	Bennett	Owner	2000
4904	Dunn	Mondino	2500
4905	Thompson	Sommers	6500
4906	MacCurdy	Benjengders	2500
4907	Alameda	Owner	3200
4908	Guyot	Owner	2800
4909	Marcosini	Benjengders	2500
4910	Blakeslee	Alam	5000
4911	Anderson	Owner	1000
4912	Wilson	Owner	2000
4913	Oldershaw	Books	1750
4914	Camphell	Owner	1000
4915	Bertoldi	Bertoldi	5000
4916	Mosbach	Owner	3000
4917	Cummond	Leffler	3750
4918	Paterson	Owner	4000
4919	Hillwood	Owner	3800
4920	Goody	Alam	4000
4921	Mathews	Altmuth	5000
4922	Fritz	Owner	2500
4923	Langel	Portsyth	3500
4924	Alameda	Owner	3000
4925	Same	Same	3000
4926	Dutaines	Tammal	1200
4927	Rugh	Owner	7000
4928	Johnson	Owner	3000
4929	Same	Same	3000
4930	Cukrov	Owner	6000
4931	Westlake	Morgenson	6000
4932	Romoni	Owner	2000
4933	Wilcox	Nickerson	2000
4934	Palmer	Letter	4750
4935	Lang	Owner	2000
4936	Johanson	Owner	3000
4937	Crall	Owner	8500
4938	Anderson	Bulback	4285
4939	California	Tornell	3500
4940	Pasmore	Johnson	4300
4941	Moran	Bertheau	2000
4942	Oppim	Owner	3200
4943	Same	Same	12600
4944	Same	Same	4250
4945	McElhenney	Peterson	5000
4946	Boysen	Owner	2000
4947	Alder	Owner	7000
4948	McCarson	Owner	3200
4949	Crall	Thelle	3000
4950	Shensen	Visser	3000
4951	Fife	Davis	1000
4952	Klaas	Owner	3500
4953	Adams	Owner	4000
4954	Bergan	Van Horn	6300
4955	Abel	Owner	3250
4956	Moore	Petersen	5300
4957	Anderson	Bulback	4800
4958	Malley	Owner	4500
4959	Genorich	Owner	4500
4960	Mosca	Bettencourt	2000
4961	Protestant	Griffin	3340
4962	Oliveira	Covey	3640
4963	Coffee	Owner	3500
4964	Ellis	Pedgrift	3000
4965	Pearce	Grigsby	11000
4966	Frates	Scott	15700

4967	Wheaton	Owner	1500
4968	Moller	Anderson	3800
4969	Tell	Owner	3500
4970	Miller	Owner	7950
4971	Rollins	Owner	9000
4972	Clark	Owner	1200
4973	Morgan	Lloyd	3800
4974	Galliano	Owner	3000
4975	Paoli	Owner	1400
4976	McAnulty	Owner	5000
4977	Norris	Norris	3000
4978	Norris	Norris	3000
4979	McAnulty	Owner	6000
4980	Bozard	Sho. Ids.	2000
4981	Carlson	Owner	6000
4982	Barry	Owner	1700
4983	Crane	Owner	5200
4984	Wood	Davis	10000
4985	Edwards	Calif.	14000
4986	Bland	Carper	3500
4987	Calif.	Parker	5000
4988	Abraçadabra	Allen	30000
4989	Witherspoon	Hutton	2000
4990	Harden	Severn	10000
4991	Stone	Owner	5886
4992	Frank	Burton	3500
4993	Sulmcock	Owner	5000
4994	Graham	Owner	3000
4995	West	Sharp	5000
4996	Russell	Owner	3000
4997	Cormack	Owner	5000
4998	Norris	Norris	5000
4999	Hadjopoulos	Texdahl	7250
5000	Castro	Tell	3000

SHOP

(4878) NO. 2701 CARLTON ST., Berkeley, Shop.
Owner—Standard Die & Specialty Co., 3103 San Pablo Ave., Berkeley.
Architect—Austin Co., San Francisco.
Contractor—Austin Co., of Calif., Santa Fe Bldg., S. F. \$17,500

DWELLING

(4877) NO. 1611 AND 1615 EUCLID AV., Berkeley, Dwelling.
Owner—Mabel Bramlage, 619 Arlington St., Berkeley.
Architect—W. A. Doctor, Bank of Italy Bldg., Oakland.
Contractor—E. Bramlage, 619 Arlington St., Berkeley. \$3000

DWELLING

(4878) NO. 1610 ALLSTON WAY, Berkeley, Dwelling.
Owner—J. W. Davis, 2606 Benvenue, Berkeley.
Architect—None. \$2500

DWELLING

(4879) NO. 1765 TACOMA ST., Berkeley, Dwelling.
Owner—M. Hunter, 2103 Woolsey St., Berkeley.
Architect—None. \$6500

DWELLING

(4880) NO. 1354 SACRAMENTO ST., Berkeley, Dwelling.
Owner—H. Adler, 1321 McGee St., Berkeley.
Architect—H. M. Little. \$2875

ADDITION

(4881) 745 CENTRAL AVE., Alameda, Addition.
Owner—Mrs. D. Donovich, 745 Central Ave., Alameda.
Architect—None.
Contractor—Boerner & White, 2414 Prince St., Berkeley. \$1000

DWELLING

(4882) 3262 THOMPSON AVE., Alameda, 1-story 5-room dwelling.
Owner—Harry W. Hughes, 3409 Elmwood Ave., Oakland.
Architect—None. \$4500

DWELLING

(4883) 1604 BROADWAY, Alameda, 1-story 5-room dwelling.
Owner—W. E. Willis, 1131 Adelina St., Oakland.
Architect—None. \$4000

DWELLINGS

(4884) E. 160TH AVE. 190 N. Euclid Blvd. and W. 166th Ave. 490 N. Euclid Blvd., Oakland. Two one-story 5-room dwellings and garages.
Owner—McNulty Bros., 106th Ave. & Euclid Blvd., Oakland.
Architect—None. \$3300 each

STORE

(4885) NO. 3841 MAPLE AVE., Oakland, One-story store.
Owner—Geo. C. Ingrossi, Petaluma.
Architect—None.
Contractor—McNulty, Cox & McNulty, 2922 High St., Oakland. \$1000

DWELLING

(4886) N. D. ST., 50 W. 91st Ave., Oakland, One-story 4-room dwlg.
Owner—Wm. E. Pollard, 1263 7th St., Oakland.
Architect—None. \$2100

DWELLING

(4887) W. SEVENTY-SECOND AVE. 300 S. Spencer St., Oakland, One-story 2-room dwelling.
Owner—Stanton Viera, 953 72nd Ave., Oakland.
Architect—None. \$1000

DWELLING

(4888) W. SPRUCE 75 S. Excelsior Ave., Oakland, One-story 6-room dwlg.
Owner—M. F. Smith, 1001 Excelsior Ave., Oakland.
Architect—None. \$4500

DWELLING

(4889) S. SIXTY-FIFTH 150 E. San Pablo Ave., Oakland, One-story 1-room dwelling.
Owner—A. Mondino, 15th St. nr Kirkham St., Oakland.
Architect—None.
Contractor—Alfred Peterson, 3916 Linwood Ave., Oakland. \$3500

GARAGE

(4890) NO. 4833 WALNUT ST., Oakland, One-story 6-room dwelling.
Owner—Wm. E. Graybill, 4633 Walnut Ave., Oakland.
Architect—None. \$4000

GARAGE

(4891) NO. 456 LEE ST., Oakland, One-story tile garage.
Owner—L. L. Roney, 1426 Franklin St., Oakland.
Architect—None.
Contractor—Harry Knight, 1426 Franklin St., Oakland. \$1500

DWELLING

(4892) W. FOURTEENTH AVE. 70 S. E-20th St., Oakland, One-story 5-room dwelling.
Owner—E. J. Blair, 1329 E-20th St., Oakland.
Architect—None. \$3000

DWELLING

(4893) N. OUTLOOK AVE. 50 E. 66th Ave., Oakland, One-story 5-room dwelling.
Owner—Wm. Gibson, 3251 E-14th St., Oakland.
Architect—None.
Contractor—Chas. L. Lyon, 3425 66th Ave., Oakland. \$3900

DWELLING

(4894) E. SIXTY-SIXTH AVE. 460 S. Arthur St., Oakland, One-story 6-room dwelling.
Owner—W. E. Blakeslee, Orin Drive, Oakland.
Architect—None.
Contractor—A. R. West, 352 21th St., Oakland. \$4500

DWELLING

(4895) NO. 6511 BECK ST., Oakland, One-story 5-room dwelling.
Owner—J. P. Ehrman, 1744 69th Ave., Oakland.
Architect—None. \$3500

DWELLING

(4896) N. ARIZONA 440 E. Maple St., Oakland, One-story 5-room dwlg.
Owner—Augusta Vargas.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello Ave., Oakland. \$3250

DWELLING

(4897) W. SEVENTY-EIGHTH AVE. 78 S. Holly, Oakland, One-story 4-room dwlg.
Owner—W. W. Hoffman, 1751 68th Ave., Oakland.
Architect—None. \$1900

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BLK. BLDG.

(1928) LOTS 1, 2 AND 3, BLK. C. Map of Kenwood Park, Oakland. General construction 1-story brick auto sales and service bldg. Owner—Geo. C. and Emma Frates, 1637 89th Ave., Oakland. Architect—A. W. Smith, American Bank Bldg., Oakland. Contractor—G. A. Scott, 675 23rd St., Oakland. Filed Sept. 17, 1924. Dated Sept. 12, '24. Steel girders in place \$325. 1st coat plaster 225. Completed 225. Usual 35 days 225. TOTAL COST, \$15,700. Bond, \$8000. Sureties, C. M. MacGregor and Alice M. Scott, Forfeit, \$10,000 per day. Limit, 75 days from date. Plans and specifications filed.

DWELLING (4889) NO. 1940 HOPKINS, Berkeley. Dwelling. Owner—T. Jensen, 1312 Ashby Ave., Berkeley. Architect—None. Contractor—Walter Sorenson, 2910 Piedmont Ave., Berkeley. \$9000

DWELLING (4900) NO. 1271 SIXTY-FIFTH ST., Berkeley. Dwelling. Owner—John Baleria, 1268 65th St., Berkeley. Architect—None. Contractor—Anderson Shepherd, 1320 Brush St., Berkeley. \$2950

REPAIRS (4901) COR. CEDAR & SPRUCE STS., Berkeley. Repairs. Owner—L. Avery, General Manager, St. Mark's Parish, Berkeley. Architect—None. Contractor—Fred Ingram, 1956 University Ave., Berkeley. \$1000

DWELLING (4902) NO. 1515 FRANCISCO, Berkeley. Dwelling. Owner—J. Smith. Architect—None. Contractor—Heath & Wendt, 516 American Bank Bldg., Berkeley. \$3500

DWELLING (4903) N CUNNINGHAM AVE. 200 N Davenport, Oakland. 1-story 3-rm. dwelling. Owner—F. J. Pernet, Sunset Drive, Oakland. Architect—None. \$2000

DWELLING (4904) E EVERETT AVE. 60 N Galvin St., Oakland. 1-story 5-room dwelling and garage. Owner—Mrs. M. Dunn, 1105 Everett Ave., Oakland. Architect—None. Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. \$5000

(4905) 123 BAY PLACE, Oakland. 3-story 62-room brick and tile apts. Owner—A. A. Claassen, 1536 Franklin St., Oakland. Architect—C. N. Burrell, American Bk. Bldg., Oakland. Contractor—Sommarstrom Bros., 1536 Franklin St., Oakland. \$65,000

DWELLING (4906) 2025 ROSEDALE AVE. Oakland. 1-story 5-room dwelling. Owner—Mrs. S. MacCurdy, 4020 San Juan St., Oakland. Architect—None. Contractor—L. Benjesgerdes, 2129 East 24th St., Oakland. \$3650

DWELLING (4907) S BONA ST. 100 W Sunset Ave. Oakland. 1-story 5-room dwelling. Owner—James Arrinodo, 1629 Lincoln Ave., Alameda. Architect—None. \$3200

DWELLING (4908) N BRIGHTON AVE. 50 W Park Blvd., Oakland. 1-story 5-room dwelling. Owner—G. P. Guyot, 4003 Park Blvd., Oakland. Architect—None. \$3800

DWELLINGS (4909) 821 827 FORTY-SEVENTH ST., Oakland. Two 1-story 5-room dwellings.

Owner—Alberto Maracconi, 4711 West Street, Oakland. Architect—None. Contractor—Pio Benassini, 5299 Boyd Ave., Oakland. \$3500 each

DWELLING (4910) 3201 NICOL AVE., Oakland. 1-story 4-room dwelling. Owner—Gilbert Buswell, 3201 Nicol Ave., Oakland. 1-story 4-room dwelling. Architect—None. Contractor—Geo. Mann, 1222 5th Ave., Oakland. \$3500

DWELLING (4911) N BOULEVARD WAY, 182 E Warfield Ave., Oakland. 1-story 5-room dwelling. Owner—A. P. Anderson, 1119 Warfield Ave., Oakland. Architect—None. \$4000

DWELLING (4912) E 106TH AVE. 155 S Bigger-eau, Oakland. 1-story 4-room dwelling. Owner—J. Wilson, 1726 Fair Ave., Oakland. Architect—None. \$2000

DWELLING (4913) 726 IONA ST., Oakland. 2-story 7-room dwelling and garage. Owner—F. H. Oldershaw, 2036 California St., Oakland. Architect—None. Contractor—W. R. Brookes, 2921 California St., Oakland. \$1750

ADDITION (4914) 2108 EIGHTH AVE., Oakland. Addition. Owner—Chas. Cambell, 2108 8th Ave., Oakland. Architect—None. \$1900

FLATS, STORES (4915) SE COR. TWENTY-FOURTH AVE. and Foothill Blvd., Oakland. 2-story 6-room flats and stores. Owner—Joe Bertoldi and Al L. Cuneo, 5628 Vicenti St., Oakland. Architect—None. Contractor—Joe Bertoldi, 5628 Vicenti St., Oakland. \$5000

DWELLING (4916) W MONTICELLO AVE. 200 N Virginia. 1-story 5-room dwlg. Owner—G. H. Mosebach, 2335 Santa Clara Ave., Alameda. Architect—None. \$3000

DWELLING (4917) 1333 E-THIRTY-FOURTH ST., Oakland. 1-story 5-room dwelling and garage. Owner—Ernest E. Cinnamon, 2507 60th Ave., Oakland. Architect—None. Contractor—L. H. Legris, 1351 Hampel St., Oakland. \$3750

DWELLING (4918) NO. 2446 CALIFORNIA, Berkeley. Dwelling. Owner—A. Patterson, 1545 Dwight Way, Berkeley. Architect—None. \$4000

DWELLING (4919) NO. 1733 FRANCISCO, Berkeley. Dwelling. Owner—A. Blithwood, 1753 Virginia St., Berkeley. Architect—Nont. \$3800

DWELLING (4920) NO. 831 SAN MATEO ST., Berkeley. Dwelling. Owner—J. Cooley, Richmond, Calif. Architect—C. R. Madisen, Shattuck and Addison St., Berkeley. Contractor—Mason-McDuffie, Shattuck and Addison St., Berkeley. \$4000

DWELLING (4921) NO. 506 SANTA CLARA, Berkeley. Dwelling. Owner—Wm. Mathews, Ridgeway Apts., Berkeley. Architect—None. Contractor—J. Altermath, 1911 Walnut St., Berkeley. \$5000

DWELLING (4922) NO. 2233 SPAULDING, Berkeley. Dwelling. Owner—J. Fritz, 1437 Henry St., Berkeley. Architect—None. \$2500

DWELLING (4923) NO. 1430 STANNAGE, Berkeley. Dwelling. Owner—Alameda, 1536 5th St., Berkeley. Contractor—Forsyth, 1111 San Pablo Ave., Berkeley. \$3500

DWELLING (4924) NO. 1405 TENTH ST., Berkeley. Dwelling. Owner—Alameda Investment Co., 703 Syndicate Bldg., Berkeley. Architect—None. \$3000

DWELLING (4925) NO. 1409 TENTH ST., Berkeley. Dwelling. Owner—Alameda Investment Co., 703 Syndicate Bldg., Berkeley. Architect—None. \$3000

GARAGE (4926) NO. 151 TUNNEL ROAD, Berkeley. Garage. Owner—Chas. Duttains, Premises. Architect—None. Contractor—Tranmal & Bradhoff, 483 Crescent St., Berkeley. \$1200

DWELLING (4927) NO. 2257 VIRGINIA ST., Berkeley. Dwelling. Owner—Rugh & Goldsworthy, 598 22nd St., Oakland. Architect—A. Goldsworthy, 856 20th St., Oakland. \$7000

DWELLINGS (4928) NO. 3056-3062 BIRDSALL AVE., Oakland. Two one-story 6-room dwellings. Owner—K. A. Johanson, 2429 13th Ave., Oakland. Architect—None. \$3500 ea

DWELLINGS (4929) NO. 3068-3074 BIRDSALL AVE., Oakland. Two one-story 6-room dwellings. Owner—K. A. Johanson, 2429 13th Ave., Oakland. Architect—None. \$3000 ea

DWELLING (4930) E EL CENTRO AVE. 100 S Hollywood Ave., Oakland. Two-story 7-room dwelling. Owner—Mrs. E. M. Cukrov, 321 21st St., Oakland. Architect—Hutchinson & Mills, 1214 Webster St., Oakland. \$6000

DWELLING (4931) N HILGIRT CIRCLE 150 W Kenwyn Road, Oakland. One-story 6-room dwelling. Owner—Helen R. Westlake, 3223 Market St., Oakland. Architect—None. Contractor—Morgensen Bros., 5661 Broadway, Oakland. \$6000

DWELLING (4932) NO. 5127 LAWTON AVE. (rear) Oakland. One-story 4-room dwlg. Owner—A. Ronconi, Premises. Architect—None. \$2000

DWELLING (4933) NO. 1956 EIGHTY-NINTH AV., Oakland. One-story 4-room dwlg. Owner—W. B. Wilcox, 2200 39th Ave., Oakland. Architect—None. Contractor—G. L. Nickerson, 1040 98th Ave., Oakland. \$2000

ADDITION (4934) 107TH AVE & HOLLYWOOD Blvd., Oakland. Brick addition. Owner—Fagel Motor Co., Premises. Architect—None. Contractor—E. T. Leiter & Son, 3601 West St., Oakland. \$4750

DWELLING (4935) E SEVENTY-FIFTH AVE. 200 S Hillside, Oakland. One-story 5-room dwelling. Owner—Otis Lang, 2442 76th Ave., Oakland. Architect—None. \$2000

DWELLING (4936) NO. 929 E-TWENTY-SECOND ST., Oakland. One-story 5-room dwelling and garage. Owner—K. A. Johanson, 2429 13th Ave., Oakland. Architect—None. \$3150

DWELLINGS

(4347) NO. 2007 AND 2011 MILBRAE Ave., Oakland. Two one-story or room dwelling and two one-story garages.
Owner—W. A. Croft, 1821 69th Ave., Oakland.
Architect—None. \$1250 each

GARAGE, ETC.

SW TWENTY-SECOND & CHESTNUT, Oakland. One-story brick storage and wash-house.
Owner—Steinert & Co., 14th and Clay Sts., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. \$19,000
NOTE: Bounded contract reported Sept. 16, 1924.

STORE

(4348) LOTS 9 AND 10 BLK F, Orland Heights Tract, Oakland. All work for one-story frame and stucco store and living rooms.
Owner—F. E. Anderson, 2502 Webb St., Alameda.
Architect—None.
Contractor—H. B. Butzbach & Son, 8030 E-14th St., Oakland.
Filed Sept. 29, 21. Bidd. Sept. 18, '24.
Frame up \$1198.75
Brown coated 1198.75
When completed 1198.75
Usual 35 days 1198.75
TOTAL COST, \$1795.00
Bond, none. Limit, 90 working days.
Enlist, plans and specifications, none.

BUILDING

(4349) BLK 5, Newark. All work for one-story frame building.
Owner—California City & County Land Company.
Architect—John Carl Thayer, 251 Kearny St., San Francisco.
Contractor—C. A. Tonnell and A. Cederborg, 457 Douglass St., San Francisco.
Filed Sept. 20, '24. Dated Sept. 10, '24.
Foundation completed \$ 2,500
Roof on 5,000
When plastered 5,000
When completed 7,500
Usual 35 days 15,000
TOTAL COST, \$35,000
Bond, none. Limit, Mar. 1, 1925.
Enlist, none. Plans and specifications filed.

RESIDENCE

(4349) 2530 COLLEGE AVE., Berkeley Residence.
Owner—H. E. Pasmore, 291 Alvarado Rd., Berkeley.
Architect—L. M. Upton, 3025 Hillgass, Berkeley.
Contractor—H. E. Johnson, San Leandro, Cal. \$4300

ALTERATIONS

(4341) 1514 MILVIA ST., Berkeley. Alterations.
Owner—Josephine Moran, 1514 Milvia St., Berkeley.
Architect—None.
Contractor—E. N. Bertheau, 732 Cragmont Ave., Berkeley. \$2000

DWELLINGS

(4342) 3012, 3018, 3024, 3026, 3106, 3112, 3118, and 3124 Kingsland Ave., Oakland. Eight 1-story 5-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. \$4000 each

DWELLINGS

(4343) 3000, 3006, 3030 KINGSLAND Ave., Oakland. Three 1-story 6-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. \$4200 each

DWELLING

(4344) 3100 KINGSLAND AVE., Oakland. 1-story 5-room dwelling.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. \$4250

STORES

(4345) N HOPKINS ST., 50 E Canon St., Oakland. 1-story stores.
Owner—E. McElhenney.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. \$5000

DWELLING

(4346) N CARSON ST., 200 W Summit Drive, Oakland. 1-story 4-room dwelling.
Owner—C. C. Boysen, 2354 26th Ave., Oakland.
Architect—None. \$2000

DWELLING

(4347) N PORTAL AVE. 350 E. Wagona Ave., Oakland. 2-story 7-room dwelling.
Owner—Ader & Clark, 2207 Florida St., Oakland. \$7000

DWELLINGS

(4348) S LOGAN ST., 40-80 E 27TH Ave., Oakland. Two-story 5-room dwellings and garages.
Owner—Edw. J. McOscar, 3301 E-23rd St., Oakland.
Architect—None. \$4100 each

DWELLING

(4349) E SIXTY-SEVENTH AVE., 200 S Avenal Ave., Oakland. 1-story 4-room dwelling.
Owner—A. W. Croft.
Architect—None.
Contractor—F. J. Theile, 3221 Thompson Ave., Alameda. \$3000

DWELLING

(4350) E SEVENTEENTH AVE., 65 S E-24th St., Oakland. 1-story 5-room dwelling.
Owner—Arabelle Siemsen, 3619 Market St., Oakland.
Architect—None.
Contractor—A. Visser, 3619 Market St., Oakland. \$3000

(4351) E MERRIE WOOD DR., 2000 N Moraga Rd., Oakland. 1-story 3-room dwelling.
Owner—Mrs. James Fife, Jr., 928 Myrtle St., Oakland.
Architect—None.
Contractor—Lee Davis, R. F. D., Box 237G, Oakland. \$1000

DWELLING

(4352) W SEVENTY-SEVENTH AVE., 225 S Foothill Blvd., Oakland. 1-story 3-room dwelling.
Owner—Wm. Klaes, Oakland.
Architect—None. \$3500

DWELLING

(4353) E BELLAIRE PL., 205 N Lynde St., Oakland. 1-story 5-room dwlg.
Owner—G. T. Adams, 1458 Alice St., Oakland.
Architect—None. \$4000

FLATS

(4354) 3115 THIRTEENTH AVENUE, Oakland. 2-story 8-room flats and garage.
Owner—Mrs. M. E. Bergan, 1820 6th Ave., Oakland.
Architect—None.
Contractor—D. W. VanHorn, 6004 Monadnock Way, Oakland. \$6300

DWELLING

(4355) 1731 SIXTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—Henry Abel, 1657 80th Ave., Oakland.
Architect—None. \$3250

DWELLING

(4356) S BUENA VISTA AVE., 700 E Acacia St., Oakland. 1½-story 5-room dwelling and garage.
Owner—Mrs. Rosa Moore, 1540 McAlister St., S. F.
Architect—None.
Contractor—O. T. Petersen, 2034 17th Ave., Oakland. \$5300

DWLG. STORE

(4357) S BROOKDALE AVE., 141 W Monticello Ave., Oakland. 1-story 5-room dwelling and store.
Owner—F. E. Anderson, 2450 23rd Ave., Oakland.
Architect—None.
Contractor—G. H. Butzbach & Son, 8030 E-14th St., Oakland. \$4800

DWELLING

(4358) NE COR. FIFTY-NINTH AVE. and Roberts St., Oakland. 1-story 5-room dwelling and garage.
Owner—C. F. Malley, 652 30th St., Oakland.
Architect—None. \$4500

DWELLING

(4359) NE COR. TWENTY-NINTH Ave. and Brann St., Oakland. 1-story 5-room dwelling and garage.

Owner—St. Gertrude, 620 Walla Vista Ave., Oakland.
Architect—None. \$1500

DWELLING

(4360) N 107TH AVE., 150 S Royal Ann Ave., Oakland. 1-story 4-room dwelling.
Owner—Ernest Mosca, 900 Moor Park, Oakland.
Architect—None.
Contractor—Joe Bettencourt, 1312 96th Ave., Oakland. \$2000

MEMORIAL HALL

(4361) SW SIDE COUNTY ROAD leading through town of Centerville, the same being E corner of land belonging to St. James Episcopal Church, running thence SE 125 ft. SW 130 ft. NW in a direct line to the S cor. of said land, thence NE to place of beginning. General construction 1-story memorial hall.
Owner—The Protestant Episcopal Bishop of Calif., a corp., S. F.
Architect and Contractor—R. A. Griffin, Irvington, Alameda Co., Cal.
Filed Sept. 22, 1924. Dated Sept. 15, 1924.
Frame is up \$386
1st coat plaster 836
Completed 836
Usual 35 days 836
TOTAL COST, \$3844
Bond, \$1700. Sureties, K. F. Reynolds and F. W. Blacow. Forfeit, limit, none.
Plans and specifications filed.

RESIDENCE

(4362) LOT 43, BLK. D, Maxwell Park Oakland. General construction 1-story 7-room wooden frame and stucco residence with double garage in basement.
Owner—A. A. Oliveira, 1800 39th Ave., Oakland.
Architect and Contractor—L. H. Covey and M. A. Rose, (Colony & Rose), 427 Adams St., Oakland.
Filed Sept. 22, 1924. Dated June 24, 1924.
June 1, advance payment \$ 750
When flooring is laid 1660
When ready or plaster 2410
When plastering is complete 2410
Usual 35 days 2410
TOTAL COST, \$9640
Bond, sureties, forfeit, none. Limit, 90 working days after June 19, 1924.
Plans and specifications filed.

DWELLING

(4363) 1142 ARCH ST., Berkeley. Dwelling.
Owner—S. R. Coffee, 1335 Delaware St., Berkeley.
Architect—None. \$3500

DWELLING

(4364) 1519 GRANT STREET, Berkeley. Dwelling.
Owner—W. H. Ellis, 1519 Grant St., Berkeley.
Architect—None.
Designer & Contractor—Jas. Pedgrift, 4106 Broadway, Oakland. \$3000

APARTMENTS

(4365) NE FIFTEENTH ST. 32 W 12th Ave., Oakland. 2-story 16-rm. apartments and garage.
Owner—H. F. Pearce, 805 Madison St., Oakland.
Architect—None.
Contractor—Grigsby Bros., 2520 9th Ave., Oakland. \$11,000

GARAGE

(4366) NE COR. E-FOURTEENTH ST. and 88th Ave., Oakland. 1-story brick garage.
Owner—G. C. Frates, Elmhurst Garage, Oakland.
Architect—W. Smith, American Bk. Bldg., W. Smith, American Bk. Contractor—Geo. A. Scott, 685 23rd St., Oakland. \$15,700

SERVICE STATION

(4367) 1401 EAST TWELFTH ST., Oakland. 1-story service station.
Owner—Wheaton & Wheaton, 2031 19th Ave., Oakland.
Architect—None. \$1500

DWELLING

(4368) E MAPLE AVE. 80 N Hopkins St., Oakland. 1-story 5-room dwlg.
Owner—Chas. Noller, 3045 Madeline St., Oakland.
Architect—None.
Contractor—A. Anderson, 3212 Florida St., Oakland. \$3850

DWELLING
(4899) E PARKER AVE 145 N Foothill Blvd., Oakland. 1-story 4-room dwelling.
Owner—John Tell, 3128 63rd Ave., Oakland.
Architect—None. \$2500

DWELLINGS
(4870) NW COR. ONE HUNDRED EIGHTH AVE. and Birch St., Oakland. Three 1-story 4-room dwellings and garages.
Owner—G. F. Miller, 1306 Brush St., Oakland.
Architect—None. \$2675 each

DWELLING
(4911) N EL CAMILE AVE 140 W 55th Ave., Oakland. 1-story 5-room dwlg.
Owner—E. E. Rollin, 357 Athol Avenue Oakland.
Architect—None. \$3000

DWELLING
(4972) S MAINE ST. 132 W Laurel Avenue, Oakland. 1-story 3-room dwelling.
Owner—N. S. Clark, 3243 Maine Street, Oakland.
Architect—None. \$1200

DWELLING
(4973) SE COR. ROSE AND CANNING STS., Oakland. 1-story 6-room two-family dwelling.
Owner—G. M. Morgan, 5912 Canning St. Oakland.
Architect—None.
Contractor—J. A. Lloyd, 617 36th St., Oakland. \$3800

DWELLING
(4974) NW COR. PROSPECT AND Spruce Sts., Oakland. 1-story 6-rm. dwelling.
Owner—Thos. L. Galliano, 4100 Randolph Ave., Oakland.
Architect—None. \$5000

DWELLING
(4975) W THIRTY-FIFTH AVE. 106 N E-14th St., Oakland. 1-story brick shop.
Owner—J. N. Pauls, 3422 East-14th St., Oakland.
Architect—None. \$1400

DWELLING
(4976) E ONE HUNDRED SIXTH AV. 590 640 680 N Foothill Blvd., Oakland. 3 1-story 5-room dwellings.
Owner—McAnulty Bros., 106th Ave. & Foothill Blvd., Oakland.
Architect—None. \$3000 each

DWELLING
(4977) S CALIFORNIA ST. 64 W Laurel Ave., Oakland. 1-story 5-room dwelling.
Owner—Justus Norris, 2326 Webster Oakland.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. \$3000

DWELLING
(4978) W LAUREL AVE. 64 S California St., Oakland. 1-story 5-room dwelling.
Owner—Justus Norris, 2326 Webster, Oakland.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. \$3000

DWELLINGS
(4979) W ONE HUNDRED SIXTH AV. 590 640 N Foothill Blvd., Oakland. Two 1-story 4-room dwellings.
Owner—McAnulty Bros., 106th Ave. & Foothill Blvd., Oakland.
Architect—None. \$3000 each

DWELLING
(4980) NO. 604 COLUSA ST., Berkeley. Dwelling.
Owner—V. Bogard, 1915 Oregon St., Berkeley.
Architect—Robt. Shields.
Contractor—Robt. Shields, 1646 Walnut St., Berkeley. \$5000

DWELLING
(4981) NO. 2532 HILGARD, Berkeley. Dwelling.
Owner—E. H. Carlson, 744 Church St., San Francisco.
Architect—None. \$6000

DWELLING
(4982) NO. 1120 ADDISON, Berkeley. Dwelling.
Owner—E. Perry, 2330 8th St., Bkly.
Architect—None. \$1700

DWELLING
(4983) NO. 371 INDIAN ROCK, Berkeley. Dwelling.
Owner—J. E. O'Connell, 2405 Grand St., Berkeley.
Architect—None. \$2500

ALTERATIONS
(4984) NO. 2318 WARD ST., Berkeley. Owner—C. H. Wood, 2319 Ward St., Berkeley.
Architect—None. \$2000

DWELLING
(4985) SIXTY THIRD AND GENE ST., Berkeley. Dwelling.
Owner—J. E. O'Connell, 2405 Grand St., Berkeley.
Architect—Calif. Building Co., Contractor—California Bldg. Co., 1402 Franklin St., Oakland. \$14,000

DWELLING
(4986) NO. 1518 ASHBY AVE., Berkeley. Dwelling.
Owner—W. J. Brand, 1480 16th St., Oakland.
Architect—National Bldg. Co., 112 1st and Tidewater Sts., Oakland.
Contractor—O. D. Carper, 1121 Hampell St., Oakland. \$3500

WAREHOUSE
(4987) THIRD AND CAMELIA STS., Berkeley. Warehouse.
Owner—California Ink Co. Premises.
Architect—V. H. Ross, San Francisco.
Contractor—K. E. Packer, 510 California St., San Francisco. \$2000

FRAT HOUSE
(4988) NO. 2425 RIDGE ROAD, Berkeley. Fraternity house.
Owner—Abraecadabra House Association, U. C. Berkeley.
Architect—Lionel Priest, 809 Mech. Inst. Bldg. San Francisco.
Contractor—Allen & Conrad, 357 12th St., Oakland. \$3000

DWELLING
(4989) NO. 1616 PORTLAND, Berkeley. Dwelling.
Owner—R. H. Witherspoon, Oakway & Sonoma Sts., Berkeley.
Architect—None.
Contractor—Hanson & Steele, 834 Santa Barbara Road, Bkly. \$3500

FRAT HOUSE
(4990) N. 1531 14th AVE., Berkeley. Fraternity house.
Owner—Tau Kappa Epsilon, U. C. Bkly.
Architect—Masten & Hurd, S. F.
Contractor—Mason-McDuffie Co., Addison & Shattuck, Berkeley.
NOTE—Recorded contract reported Sept. 13, 1924.

STORES
(4990) E PIEDMONT AVE. 100 E Yosemite, Oakland. 1-story stores.
Owner—A. S. Hardeas, 178 Grand Ave., Oakland.
Architect—None.
Contractor—L. Severn, 178 Grand Ave., Oakland. \$10,000

DWLG. & STORE
(4991) SE CORNER ONE HUNDRED fifth Ave. and Biggareau, Oakland. 1-story 4-room dwelling and store.
Owner—E. B. and A. L. Stone, 804 Claus Spreckels Bldg., S. F.
Architect—None. \$5950

DWELLING
(4992) E MIDVALE AVE 140 S California, Oakland. 1-story 6-room dwelling.
Owner—M. Frink, 3303 Maple Ave., Oakland.

Architect—None.
Contractor—Burton Leekins, 2981 Hopkins St., Oakland. \$3500

ADDITION
(4993) W THIRTY-SEVENTH AVE. 130 N E-14th St., Oakland. Brick addition.
Owner—Sulmcock Furniture Co., 1501 37th Ave., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland. \$5000

DWELLING
(4994) 3712 PORTER ST., Oakland. 1-story 5-room dwelling.
Owner—L. Graham, 2327 64th Ave., Oakland.
Architect—None. \$3000

(4995) 4337 EDGEWOOD AVE., Oakland. 1-story 5-room dwelling.
Owner—G. A. Sissons, 1417 3rd Ave., Oakland.
Architect—None.
Contractor—A. C. Sharp, 1327 E-28th-St. Oakland. \$5500

ALTERATIONS
(4996) 1450 THIRTY-FOURTH AVE., Oakland. Alterations.
Owner—A. G. Russell, 1450 34th Ave., Oakland.
Architect—None. \$3000

DWELLING
(4997) 791 SANTA RAY AVE. Oakland. 1-story 6-room dwelling.
Owner—R. Cormack, 391 43rd St., Oakland.
Architect—None. \$5000

DWELLING
(4998) N HALEY ST. 300 S Hopkins St., Oakland. 1-story 10-room 3-family dwelling.
Owner—J. Norris, 2326 Webster St., Oakland.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. \$5000

GARAGE
(4999) 2023 SAN PABLO AVE., Berkeley. General construction, alterations and addition for 1-story brick garage.
Owner—Z. G. Hadjopoulos.
Architect—Schirmer-Eugbee Co., 26 Montgomery St., San Francisco.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Contractor — F. M. Taxahl, 6215 Alameda Ave., Oakland.
Filed Sept. 24, 1924. Dated —
Road on \$1200.00
Completed and accepted 147.50
Total 60 days 1352.50
TOTAL COST, \$750.00
1924-1925, Streets, Publicity and
General Const. Forfeited, 45
working days; Plans and specifications
filed.

RESIDENCE
5000 LOTS 1 AND 2 BLOCK R Ivy-
wood Park Addition, Oakland. All
work for Residence
Contract — John Teller, Thayer Bldg., Oak-
land.
Architect — None.
Contract to — John Teller, 3128 63rd Ave.,
Oakland.
Filed Sept. 23, 1924. Dated July 11, 1924.
Frame up \$750
Roof on 750
When plastered 750
Completed and accepted 750
TOTAL COST, \$2250.00
Bond Forfeited, none; Limit, 60 working
days; Plans and specifications, none.
NOTE — Permit reported Aug. 13, 1924
No. 4213.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded
Sept. 17, 1924—LOT 6 MAP OF ACCEPTED
Fe Tract No. 22, Oakland, Lillie A.
Mayer to William Kat. Sept. 15, '24
Sept. 11, 1924 — 1263 SEVENTY-
sixth Ave., Oakland, Louise Antonio
to August Perry Sept. 15, 1924
Sept. 16, 1924—LOT 1, 108 S. E.
line of Hobart St. dist. 678 ft. 6 in.
W from W line of Telegraph Ave.,
running thence at right angles S
220 ft. W 37 ft. 6 in. N 222 ft. 3 in.
E 37 ft. 6 in. to pt. of commencement
measured, Oakland, Pacific Gas &
Electric Co. to A. D. Courts Co.
Sept. 16, 1924—3239 IDAHO ST., 1364,
1306, 1310 and 1314 Harmon St.,
Berkeley. Five 4-room bungalows.
Ralph Wood to Fred W. Powers.
Sept. 16, 1924—LOT 7, BLK. 12, MAP
Lakemont, Oakland, Thomas Gal-
liano to Thomas Galliano, Sept. 16, '24
Sept. 16, 1924—N ENCLOSURE AVE.
bet. Emerson St. and 13th Ave.,
Oakland, Walter Gallegos to Emma
E. Fawke to J. C. Williamson.
Sept. 16, 1924—LOT 11, BLK. 12, Map
of Eastlawn, Oakland, Jennie
Henn to whom it may concern.
Sept. 16, 1924—LOT 7, BLK. 7, East
Piedmont Addition, Oakland, Hen-
ry Wagner Co. to whom it may
concern. Sept. 16, 1924
Sept. 16, 1924—187 CAVALLO ST.,
Oakland, Elvira Mari to E. Wood-
ard Sept. 12, 1924
Sept. 16, 1924—SW COR. E-24TH ST.
and 21st Ave., Oakland, Ritchie
Morrow to A. McDonald.
Sept. 15, 1924
Sept. 19, 1924—LOT 7 BLK E MAP
of Santa Fe Tract No. 2, Oakland,
Henry England to R. Wland and N.
P. Miller (Wland & Miller).
Sept. 18, 1924 — LOT 22 BLK 13
Northbrae, Mabel M. Bramlage to
E. D. Bramlage Sept. 18, 1924
Sept. 18, 1924—84 FORTY-FIFTH
St., Oakland, W. A. Walker to
whom it may concern. Sept. 18, 1924
Sept. 18, 1924—MORAAGA ROAD 400
from Thornhill Road, Mrs. Manna
K. Kryggel to whom it may con-
cern. Sept. 15, 1924
Sept. 18, 1924—NO. 58 YOSEMITE
Ave., Oakland, Anna Lindelard to
Murphy Hamilton. Sept. 17, 1924
Sept. 19, 1924—FOR. LOT 1 BLK 17
map Broadmoor, San Leandro,
John S. Ferris to H. A. Brown.
Sept. 18, 1924
Sept. 19, 1924—614 AND 616 HILLS-
borough Street, Oakland, John E.
Sunnarborg to whom it may con-
cern. Sept. 19, 1924
Sept. 19, 1924—SO. SIDE OF TWEN-
ty-sixth St. 209.75 ft. w of Broad-
way, Oakland, Nellie A. Maxwell
Osborn to H. J. Christensen.
Sept. 15, 1924

Sept. 19, 1924—2507 SIXTY-EIGHTH
Ave., Oakland, John E. Murphy to
whom it may concern. Sept. 17, 1924
Sept. 19, 1924—2044 AUSEON AVE.
Oakland, Mrs. Gertrude Water-
man to R. A. Attebery. Sept. 19, 1924
Sept. 19, 1924—E SIDE OF SIXTIETH
Ave. 180 So. of Camden St., Oak-
land, Cora Barrette to Am. Con-
struction Co. Sept. 16, 1924
Sept. 19, 1924—LOT 22, MAP SAN-
ta Fe Tract No. 14 Oakland, S.
Parodi to J. Silva. Sept. 19, 1924
Sept. 18, 1924—COM. AT THE MOST
E. cor. of that certain 10 acre tract
conveyed heretofore by Central
Natl. Bank of Oakland to the Vic-
tor Talking Machine Co. by Deed
Recorded in Liber 605 Official Rec-
ords page 217 Alameda County
Records running thence SW 560.00
SE 544.29 ft. NE 453.81 ft. N
608.23 ft. to pt. of beg. containing
6 acres, Oakland, Illinois Wire &
Cable Co. to Carl T. Doell.
Sept. 15, 1924
Sept. 19, 1924—LOT 8, MAP N. SAN-
Rosenthal Tract, Oakland, Jose-
ph R. Kaelin to Wm. Wolfe.
Sept. 18, 1924
Sept. 18, 1924—514 38TH ST., Oak-
land, Mrs. M. S. Coppage to Nick
Wierk Sept. 16, 1924
Sept. 18, 1924—3324 AND 3326 FOOT-
hill Blvd., Oakland, Leonard P.
Johnson to Dildine and Knight.
Sept. 18, 1924
Sept. 17, 1924—IN REAR OF 5466
Manila Ave., Oakland, M. W. Al-
lison to whom it may concern.
Sept. 17, 1924
Sept. 17, 1924—8914, 8918 FOOTHILL
Blvd., Oakland, Philip Ross to
whom it may concern. Sept. 17, 1924
Sept. 17, 1924—637TH AVE. 151 FT. N
of Clara St., Oakland, Morris
Goodman to Beverleigh & Yeo-
mians Sept. 17, 1924
Sept. 17, 1924—LOT 5, BLK. A. Map
of Kenwood Park, Oakland, B.
Chokas to E. J. McLeod.
Sept. 17, 1924
Sept. 20, 1924—NO. 228 FRUITALE
Ave., Oakland, Henry Meyer to
whom it may concern. Sept. 20, 1924
Sept. 20, 1924—LOT 5 BLK 2, Hill
Claremont Tract, Berkeley, H. R.
and Grace W. Curtis to Mon-
McDuffie Co. July 18, 1924
Sept. 20, 1924—LOT 16 BLK 4, Kel-
logg Ppty., Berkeley, E. L. Carver
to Roy O Long Co. Sept. 17, 1924
Sept. 20, 1924—NO. 2732 CHANNING
Way, Berkeley, Taylor & Garma, Phi
Beth Hall Association to Tama &
Bradhoff Aug. 16, 1924
Sept. 20, 1924—SW GRANT AND
Francisco Sts., Berkeley, Lydia A.
and Daniel T. Blethroad to D. T.
Blethroad Sept. 20, 1924
Sept. 22, 1924—SE TENTH AVE AND
E-19th St., Oakland, Frederick H.
La Croix to Thad M. Tupper.
Sept. 17, 1924
Sept. 22, 1924—SE FAIRMONT AVE
and Frisbie, Oakland, Katharine
A. Ewing and Ross Harden to Alder
& Clark. Sept. 15, 1924
Sept. 22, 1924—NO. 1018 WARFIELD
Ave., Oakland, John Egan to whom
it may concern. Sept. 15, 1924
Sept. 22, 1924—NO. 2212 CHERRY ST.
San Leandro, Oscar Carlson to S. J.
Hawkins. Sept. 20, 1924
Sept. 22, 1924—E TWENTY-SEVENTH
Ave. 42 S 17th, Oakland, J. H.
Hartzell and E. W. Nicholson to
whom it may concern. Sept. 22, 1924
Sept. 22, 1924—NO. 2212 COLLEGE
Ave., Berkeley, Claude Walker to
whom it may concern. Sept. 22, 1924
Sept. 22, 1924—LOT 6 BLK 9, Ber-
keley Heights Tract, Berkeley, C.
W. Beach to whom it may concern
Sept. 22, 1924
Sept. 22, 1924—LOT 2 BLK 1, Thous-
and Oaks Station Tract, Berkeley,
P. S. W Ramsden to J. L. Rankin.
Sept. 15, 1924
Sept. 20, 1924—LOT 38 and Ptn Lot
37, Map Crocker Highlands, Oak-
land Twp. Georgia and Jesse
H. Woods to San Francisco Builders
Inc. Sept. 15, 1924
Sept. 23, 1924—COM. AT A PT. ON E
line of Telegraph Ave. dist. S 100
ft. from S line of 28th St. thence
SW 100 ft. SE 100 ft. NE 60 ft. S
100 ft. to pt. of beginning of H.
Buteau to Cahill Bros. Inc.
Sept. 23, 1924
Sept. 23, 1924—LOT 5, BLK. 4, Shaw
Tract, Berkeley, R. N. Bears and

J. H. Buteau to whom it may con-
cern. Sept. 20, 1924
Sept. 23, 1924—LOT 1, BLK. 18, Map
of Blks. 17, 18 and 19, Thousand
Oaks, Oakland, Douglas Campbell
to whom it may concern. Sept. 23, 1924
Sept. 23, 1924—W SIDE OF SHAT-
tuck Ave. 80 N of University Ave.,
Berkeley, See B. Hoy and See B.
Chang to John M. Baird.
Sept. 23, 1924
Sept. 23, 1924—W SIDE OF PARK
Blvd. 42 S of Van Dyke, Oakland,
Florence M. Whittaker to Harry C.
Knight Sept. 15, 1924
Sept. 23, 1924—2237 CLINTON AVE.,
Alameda, A. E. Wyber to Alex C.
Wieben Sept. 13, 1924
Sept. 23, 1924—1718 HIGH ST., Oak-
land, Jacob Dodd to Jacob Dodd
..... Aug. 29, 1924
Sept. 23, 1924—E SIDE VERSAILLES
Ave. 415.83 ft. S of San Jose Ave.,
Alameda, R. F. Gardner to R. F.
Gardner Sept. 15, 1924
Sept. 23, 1924—LOT 43 BLK D MAX-
well Park, Oakland, A. A. Oliveira
to Covey and Rose. Sept. 22, 1924
Sept. 24, 1924—SO. LINE OF LIN-
coln St. 128 W of Calhoun St., Ber-
keley, Alma Mills to The Roy O.
Long Co. Sept. 20, 1924
Sept. 23, 1924—POR. LOTS 23 AND
24, BLK. 17, McGee Tract, Berkeley,
The Grebner Center of Berkeley to
A. Orizow Sept. 23, 1924
Sept. 23, 1924 — LOT 26, BLK. 18,
North Brae, Berkeley, W. R. White
to whom it may concern. Sept. 23, 1924
Sept. 23, 1924—LOT 27 AND 28, P.
Lot 27, Blk. 1, Map Havenscourt,
Oakland, Joseph and Mary Flitt-
ner to whom it may concern.
Sept. 23, 1924
Sept. 23, 1924—E 23rd ST. POINT
in the center line of County Road
bet. Hayward and Russell Station
known as county road No. 1009
discovered W 608.68 from common
corner to place S and W of the S 3/4
of the Soto Rancho, running
W 83 NW 84.14 NE 83 SE 84.14
to pt. of beginning, Henry & Chris-
tina Schroeder to Jos. Flittner.
Sept. 23, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded
Sept. 17, 1924 LOTS 21, 22, 23 Amount
Wp. of Lots 20, 24, 28 and 29, Blk. B, Map of Poplar Tract, Eden Twp., Alameda County, being also known as Lot 8, Map of the Creek Tract of the McEstate, Eden Twp., R. S. Thompson, \$49.50; and J. L. Todd and J. Z. Todd, (Western Door & Sash Co.), \$176.25; vs. Chas. G. Sutton, Given I. Sutton and Fred W. Borden. \$767.72
Sept. 17, 1924—LOTS 76, 77 and 78, Blk. 12, Chevrolet Park, Oakland, R. E. Jack and C. G. Thompson, (Jack-Thompson Lumber Co. vs. R. E. Taylor \$767.72
Sept. 17, 1924—LOTS 1 AND 2, BLK. A, Boulevard Acres, Oakland, R. E. Jack and C. G. Thompson, (Jack-Thompson Lumber Co.), vs. Hubert M. Varney \$52.44
Sept. 17, 1924—NW COR. VIRGINIA and Arch Sts., Berkeley, Joel Althaus vs. J. P. Brownlee, Gustaf Johnson \$25.00
Sept. 17, 1924—LOT 13 BLK 5, MAP of Property of the Alameda Land Co., Oakland, Tyman Lumber Co. vs. N. J. Rizzo, A. F. Page. \$51.96
Sept. 17, 1924—LOT 1 MAP OF THE Highland Tract, Oakland, P. E. O'Hair & Co. doing business at Oakland Plumbing Co. vs. M. Silva, Geo. E. Nickerson. \$65.59
Sept. 19, 1924—LOT 11 BLK 21 MAP of Blocks 21, 22, 23, Thousand Oaks, Berkeley, California Door Co vs. Chas. B. Potter, P. E. Malder \$75.30
Sept. 19, 1924—LOT 1, MAP OF WIL-
lard Ave., Berkeley, George Wy-
att vs. Mrs. Clara Pond Powell and Perkins & Hughes \$105.
Sept. 19, 1924—LOT 204 MAP OF Fremont Tract, Oakland, Charles F. Osgood vs. Estelle Cameron and D. E. Hart \$40.30
Sept. 18, 1924—COM. AT A PT. AT the intersection of S line of Stan-
ley Road with W line of Olive St.,
thence W 75, thence at right an-

gies W 10, N 75, E 10 to 10 pt of com. A. C. Keady vs. C. W. Borden and Agnes O. Borden \$11.00
 Sept. 18, 1924—LOT 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15, Blk. 4, Beverly Terrace Tract, Oakland, A. C. Keady vs. C. W. Borden and Agnes O. Borden \$11.00
 Sept. 18, 1924—SW COR. 66TH AVE. and Camden St., Oakland, J. F. White vs. E. F. Bentley and C. M. Bentley \$281.00
 Sept. 18, 1924—BEG. ON SW 1/4 of Walker St. to E. of Jones St. 1 and 3, map report of referees in partition action Wm. P. Toler, et al vs. Jose C. Peralta ad, thence NW 536.50 ft. SW 202.36 ft. E 256 ft. NE 123.86 ft. to be C. F. O. Hair & Co. doing business as Oakland Plumbing Supply Co., vs. E. J. Elliott and Geo. E. Nickerson two heirs, each \$61.71
 Sept. 20, 1924—NE BROOKLYN AND Wesley Aves., Oakland, J. Osolin vs. Louis Speranco and E. W. Woodward \$185.01
 Sept. 20, 1924—NE BROOKLYN AND Wesley Aves., Oakland, John Werneck, \$186.01; John Johnson, \$123.89; John Baron, \$87.58; George Kalnin, \$156.38 vs. Louis Speranco and E. W. Woodward \$57.90
 Sept. 20, 1924—LOT 10 BLK 17 Map Daley's Scenic Park, Berkeley, C. H. Jensen (as Berkeley Sheet Metal Works) vs. Mrs. C. Powell and San Francisco Bldg. Co. \$44.75
 Sept. 20, 1924—LOT 24 and SW 15 Lot 25, Resbdvn of the Corley Tract, Oakland, N. C. Hopkins vs. Mary E. McKennan and Geo. H. Lydeksen \$131.11
 Sept. 22, 1924—LOT 7 BLK F Map of Perrin St., Oakland, Henry Cowell Lime & Cement Co. vs. Mrs. M. S. Coppage, A. F. Page and Nick Wierck \$70.70
 Sept. 22, 1924—LOT 53 Pleasant Valley Court, Oakland, Henry Cowell Lime & Cement Co. vs. J. S. Green, D. E. Hart and Joe Dorch \$42.95
 Sept. 22, 1924—LOT 3 BLK G Santa Fe Tract No. 2, Oakland, Tilden Lumber & Mill Co., \$191.49; Hogan Lumber & Mill Co., \$351.00 vs. John Ceruti, Ben Ceruti, John Perata ad Wm C. Helms \$166.00
 Sept. 23, 1924—LOT 3 AND POR. LOT 24 Blk. G Map of Santa Fe Tract No. 2, Oakland, T. O. Leand, John Ceruti, Ben Ceruti, John Perata, and W. C. Helms \$166.00

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
 Sept. 19, 1924—SE COR. 42ND AND Lusk Sts., Oakland, J. L. Todd and J. Z. Todd, (Western Door & Sash Co.) by G. Johnson and M. Cordano \$320.05
 Sept. 19, 1924—LOTS 44 AND 45, Blk. 3, Map Fourth Avenue Heights, Oakland, R. Wood to A. Tickell and D. Moran \$82.00
 Sept. 18, 1924—LOTS 33 AND 35, Blk. B, Map No. 2 of the Bateman Tract, Berkeley, E. R. Ulrich to C. W. Vaughn \$734.75
 Sept. 18, 1924—2423 HILLGARD Ave., Berkeley, D. O. Bean to Wm. Morrison, Elsie J. Grove, and McWethy & Greenleaf \$50.25
 Sept. 18, 1924—LOT 12, BLK. 6, Lakemont Tract, Oakland, E. K. Smith (Smith Co.) by Great Western Supply Co., assignee to G. C. Estee \$260.00
 Sept. 16, 1924—LOT 3, BLK. 3, Huff Tract, San Leandro, R. W. Shannon and T. A. Douglas, (San Leandro Mill & Lumber Co.) to F. W. Borden and James C. Knust \$97.15
 Sept. 16, 1924—1518 27TH AVE., Oakland, H. L. Call Lumber Co. to Mrs. Edward N. Bray \$67.50
 Sept. 24, 1924—BEG. AT A POINT ON E line of Walnut St. dis 100 S from Berryman Path running thence S 35 E 125.4 N 35 W to pt of begin-

ning, P. E. Marquis to Alice Chittenden \$1000
 Sept. 22, 1924—LOT 106 AND POR. Lot 105, Blk. 20, Map Havenscourt, Oakland, Sunset Lumber Co. to R. V. Madsen and Bessie H. Madsen \$30.50
 Sept. 22, 1924—LOT 106 AND POR. Lot 105, Map of Havenscourt, Oakland, Superior Tile Products Co. to John Tell, J. C. Tell, R. V. Madsen and Bessie H. Madsen \$52.00

BUILDING CONTRACTS

SANTA CLARA COUNTY

BUILDING
 SW STOCKTON AND LENZEN AVES., Lab. Co. of Property of the Muirson Bldg. Co., San Jose. All work for one-story reinforced concrete and frame building.
 Owner—Muirson Label & Carton Co., 251 Stockton Ave., San Jose.
 Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
 Contractor—Morrison Bros., 1310 Liberty St., Santa Clara.
 Filed Sept. 15, '24. Dated Sept. 13, '24.
 As work progresses 25%
 Usual 35 days 25%
 TOTAL COST, \$6869
 Bond, \$3500. Sureties, J. H. Pierce and W. E. Haynes. Limit, 15 days from Sept. 15, 1924. Forfeit, none. Plans and specifications filed.

STORE
 NO. 949 EMERSON ST., being Ptn Lots 11 to 15, inclusive, Hart & Roush Subd E, Palo Alto. All work for one-story Thermolite (cement) store.
 Owner—Lucie E. Stirk.
 Architect—None.
 Contractor—James Da Mant.
 Filed Sept. 17, '24. Dated Sept. 12, '24.
 Roof completed 14
 Store plastered 14
 Scaffolding removed 14
 Usual 35 days 14
 TOTAL COST, \$2500
 Bond, none. Limit, 90 days from Sept. 12, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
 NW COLBRIDGE & WEBSTER STS., Palo Alto. All work for two-story frame dwelling and garage.
 Owner—Mrs. A. D. Frost, Palo Alto.
 Architect—Warren Skillings, Garden City Bank Bldg., San Jose.
 Contractor—H. A. Spreen, 407 Mathilda Ave., Sunnyvale.
 Filed Sept. 17, '24. Dated Sept. 16, '24.
 Frame up and enclosed \$2338.25
 Plastering completed 2338.25
 Completed and accepted 2338.25
 Usual 35 days 2338.25
 TOTAL COST, \$11,352.00
 Bond, \$5676.50. Sureties, John Duffield and Joseph A. Jury. Limit, 90 days from Sept. 16, 1924. Forfeit, none. Plans and specifications filed.

BUILDING
 FIRST AND SAN CARLOS STS., San Jose. All metal sash for four-story building.
 Owner—Sainte Claire Realty Co.
 Architect—Weeks & Day, 315 Montgomery St., San Francisco.
 Contractor—Michel & Pfeffer, 10th and Harrison Sts., San Francisco.
 Filed Sept. 17, '24. Dated Sept. 4, '24.
 As work progresses 75%
 Usual 35 days 25%
 TOTAL COST, \$55
 Bond, limit, forfeit, none. Specifications only filed.

ALL ARCHITECTURAL TERRA
 cotta on above.
 Contractor—Gladding, McBean Corp., Crocker Bldg., San Francisco.
 Filed Sept. 17, '24. Dated Aug. 23, '24.
 Payments same as above \$33.20
 Bond, limit, forfeit, none. Specifications only filed.

ALL MILL WORK ON ABOVE.
 Contractor—Anderson Bros. Planing Mill & Mfg. Co., Quint and Custer Sts., San Francisco.

Filed Sept. 17, '24. Dated Sept. 15, '24.
 Payments same as above.
 TOTAL COST, \$15,445
 Bond, limit, forfeit, none. Specifications only filed.

RESIDENCE
 ADJACENT TO THE TOWN OF MAYFIELD. All work for 2-story frame and plaster residence.
 Owner—E. R. Strain, Mayfield.
 Architect—None.
 Contractor—C. Lindholm.
 Filed Sept. 19, 1924. Dated Sept. 19, '24.
 Frame up 25%
 Plastered 25%
 Completed and accepted 25%
 Usual 35 days 25%
 TOTAL COST, \$7760
 Bond, \$3680; Sureties, F. O. Pearson, E. E. Powellson; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

OFFICE BLDG.
 BEING SOUTH 25 FT. OF LOT 7 AND N 50 ft. of lot 10 block 1 Range 4 North. The furnishing of all labor, materials, tools, implements, machinery and other equipment necessary, except heating, plumbing, electric wiring, electric lighting, for the complete construction of an office building of 3 stories.
 Owner—Pacific Gas & Electric Co., 2nd and San Antonio Sts., San Jose.
 Architect—Blinder & Curtis, San Jose.
 Contractor—C. O. Summers, 17 N 1st St., San Jose.
 Filed Sept. 18, 1924. Dated Sept. 17, '24.
 As work progresses 75%
 Usual 35 days 25%
 TOTAL COST, \$10,831.46
 Bond, \$55,000; Sureties, The Fidelity Casualty Co.; Forfeit, none; Limit, 200 days; Plans and specifications filed.

N SAN AUGUSTINE ST. — W Montgomery St., San Jose. Moving lampblack from one place & storing it on another tract.
 Owner—The Pacific Gas & Electric Co., 2nd and San Antonio Sts., San Jose.
 Architect—None.
 Contractor—P. Montague.
 Filed Sept. 18, 1924. Dated, —.
 As work progresses 75%
 Usual 35 days 25%
 Bond, \$1375; Sureties, Hartford Accident and Indemnity Co.; Forfeit, none; Limit, 10 working days; Plans and specifications filed.

COTTAGE, 5-room, \$3000; Josepha and Columbia Sts., San Jose; owner, E. C. Cronis. The furnishing of all labor & Higgins, Auzares, Bldg., San Jose; contractor, E. L. Wolfe, 911 Clintania St., San Jose.
RESIDENCE, 4-room, \$2500; Spencer St., San Jose; owner, John A. G. Fararleri. Premises; contractor, V. R. Caminetti, 975 Vine St., San Jose.

ALTERATIONS, \$1000; No. 421 S-Tenth St., San Jose; owner, Abbie E. Sanders. Premises; contractor, W. H. Smith, 511 S-Eighth St., San Jose.

RESIDENCE, 4-room brick, \$2800; Twentieth St., San Jose; owner, Antonio St. San Jose; owner, Martin Marcolatto. Premises.

ALTERATIONS, \$1000; No. 470 S-Tenth St., San Jose; owner, M. Patterson. Premises; contractor, A. A. Douglass, 396 N-18th St., San Jose.

RESIDENCE, 4-room, \$2500; San Antonio St. near 18th, San Jose; owner, A. E. Elliott, 61 Stockton St., San Jose.

RESIDENCE, \$4200; N 31st St. near Santa Clara, San Jose; owner, Geo. T. Berger, 45 S-Second St., San Jose

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 Sept. 15, 1924—LOT 12 Sub Blk 39, Reads Adad, San Jose. Borchers Bros to Sadie E. Weaver \$372.45
 Sept. 17, 1924—PTN LOT 10, Range 16 South, San Jose. D. H. Main and W. C. Evans (as Main & Evans) to Mabel Wells Parker Dorsey \$917.91

40 FT. 10 IN. ADJ. WESSING AND MOUNTAIN Grocery on N in Sacramento.
All work for building.
Owner—A. H. & R. E. Rosenbaum.
Architect—None.
Contractor—Wm. A. Thielbahr, Del Paso Blvd. near Cedar, North Sacramento.

Filed Sept. 16, 1924. Dated Sept. 11, 1924
Payments not given.

TOTAL COST, \$4757
Bonds, Forfeit, Limit, Plans and specifications, none.

RESIDENCE

E ½ OF LOT 79 ALL OF LOT 80 South
Curtis Oaks Sub 1 Sacramento. All
work for 2-story frame and stucco
residences with tile roof.

Owner—F. S. Grau, 3331 J St., Sacra-
mento.
Architect—Dean & Dean, City Library
Bldg., Sacramento.

Contractor—Wm. V. Whittell, 2900 C
St., Sacramento.
Filed Sept. 16, '24. Dated Sept. 16, '24.
Payments not given.

TOTAL COST, \$10,834.65
Bond, Forfeit, Limit, Plans and specifications, none.

STORE BLDG.

PTN. LOTS 1 & 2 K L 11TH & 12TH
Sts., Sacramento. All work for 1-
story and basement brick store
building.

Owner—W. S. & H. H. Hart, 2199 3rd
Ave., Sacramento.
Architect—Dean & Dean, City Library
Bldg., Sacramento.

Contractor—Wm. V. Whittell, 2900 C
St., Sacramento.
Filed Sept. 16, 1924. Dated Sept. 3, 1924
Payments not given.

TOTAL COST, \$22,500
Bond, Forfeit, Limit, Plans and specifications, none.

BUILDING

N 80 FT LOT 2 C D 12TH AND 13TH
Sts., Sacramento. All work for building.
Owner—Donahue Prop. Co.

Architect—None.
Contractor—G. Birdsall, 1225 L St.,
Sacramento.
Filed Sept. 17, 1924. Dated Sept. 8, 1924
Payments not given.

TOTAL COST, \$7900
Bond, Forfeit, Limit, Plans and specifications, none.

BUILDING

W 7 ½ LOT 1, J. K. 12th and 13th Sts.,
Sacramento. 1 Building.
Owner—W. P. Fuller & Co., 1725 10th
St., Sacramento.

Architect—None.
Contractor—Latourrette Fical Co., 907
Front St., Sacramento.
Filed Sept. 19, '24. Dated Sept. 17, '24.
Payments not given.

TOTAL COST, \$3665.50
Bond, limit, forfeit, plans and specifications, none.

TANK

FOOT OF Y. Sacramento. Wall and
slab for tank.

Owner—H. J. Jenkins and M. N. Elton
623 42nd Sacramento.
Architect—None.

Contractor—Associated Oil Co. 720 I St.
Sacramento.
Filed Sept. 20, 1924. Dated Sept. 5, 1924
Payments not given.

TOTAL COST, \$5600
Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING, 5-room and garage, \$2500
3434 44th, Sacramento; owner, Lue-
cia Pierini, 3440 44th, Sacramento;
contractor, P. Leoni, 1415 P. Sacra-
mento.

STORE, apt and garage, \$3000; 2009
S. Sacramento; owner, Oliver Flint,
1920 31st, Sacramento; contractor,
M. F. Terra, 2315 9th, Sacramento.
DWELLING, 5-room and garage,
\$3500; 1259 34th, Sacramento; own-
er, H. M. Earle, 1036 Dolores Way,
Sacramento.

DWELLING 5-room and garage, \$3500
1035 Santa Ynez Way, Sacramento;
owner, L. J. Miller 1080 Santa Ynez
Way, Sacramento.

DWELLING, 5-room and garage \$3750
2441 Curtis Way, Sacramento;
owner, L. J. Miller.

DWELLING, 6-room and garage, \$2250
2181 Gerber Way, Sacramento;
owner, C. Vogt and Fred Shukert,
1019 T. Sacramento.

DWELLING 2-flat, and garage, \$10,500
1143 38th, Sacramento; owner, C.
E. Meister, 1140 39th, Sacramento;
contractor, H. L. Mee.

BUILDING, \$30,746; 1011-13-15 12th,
Sacramento; owner, W. P. Fuller
Co., 10th & R, Sacramento; con-

tractor, Geo. D. Hudnutt, 1915 S.
Sacramento.

DWELLING, 5-room and garage, \$2500.
No. 2383 8th Ave., Sacramento;
owner, G. W. Kopp, 1514 15th St.,
Sacramento.

STORES and flats, \$7500; No. 3841 E
St., Sacramento; owner, J. W.
Thibault, 1001 E St., Sacramento;
contractor, Herndon & Finnigan,
1314 17th St., Sacramento.

DWELLING, 5-room and garage, \$3950;
No. 1308 36th St., Sacramento; own-
er, W. Stone, 3020 O St., Sacra-
mento; contractor, A. A. Saunders,
2810 I St., Sacramento.

DWELLING, 4-room and garage, \$3000;
No. 1423 32nd St., Sacramento; own-
er, A. Keating, 4028 Sherman Way,
Sacramento; contractor, R. M.
Smith.

DWELLING, 5-room and garage, \$4000;
No. 1417 32nd St., Sacramento;
owner, R. M. Smith, 4028 Sherman
Way, Sacramento.

DWELLING, 4-room and garage, \$2700;
No. 1519 33rd St., Sacramento; own-
er, F. H. Bell, 656 42nd St. Sacto.

DWELLING, 4-room and garage, \$2700;
No. 1528 33rd St., Sacramento; own-
er, F. H. Bell, 656 42nd St., Sacto.

DWELLING, 5-room and garage, \$3400;
No. 665 41st St., Sacramento; own-
er, Z. C. Hook, 2228 H St., Sacra-
mento; contractor, J. McGuire Co.,
Box 162, Sacramento.

DWELLING, 5-room and garage, \$2500;
No. 4032 F St., Sacramento; owner,
H. W. Bubanks, 5350 I St., Scto.

BUSINESS building, \$35,000; No. 720
H St., Sacramento; owner, W. F.
Gromley, Premises; contractor, Bar-
bara Way.

DWELLING, 5-room and garage, \$3000;
No. 3609 M St., Sacramento; owner,
M. C. Valine, 2326 W St., Sacto.

DWELLING, 5-room and garage, \$3000;
No. 3601 M St., Sacramento; owner,
M. C. Valine, 2326 M St., Sacto.

DWELLING, 5-room and garage, \$4000;
No. 1233 37th St., Sacramento; own-
er, M. C. Valine, 2326 W St., Sacto.

DWELLING, 5-room and garage, \$4600;
No. 649 26th St., Sacramento; own-
er, I. W. Uttinger, 2304 J St., Sacra-
mento.

DWELLING, 5-room and garage, \$2700;
No. 2700, No. 2317 11th St., Sacra-
mento; owner, Fred McDonald, 3648
Donner Way, Sacramento; contrac-
tor, J. J. Mase.

DWELLING, 5-room and garage, \$2700;
No. 3525 44th St., Sacramento; own-
er, D. E. Mase, 3648 Downey St.,
Sacramento; contractor, J. J. Mase.

DWELLING, 5-room and garage, \$4900;
No. 1921 22nd St., Sacramento;
owner, L. B. Keirnan, 1216 S St.,
Sacramento; contractor, J. P. How-
ell, 1837 47th St., Sacramento.

DWELLING, 5-room and garage, \$3000;
No. 2824 F St., Sacramento; owner,
Gertrude Tonzi, 920 36th St., Sacra-
mento; contractor, F. H. Artz,
1911 28th St., Sacramento.

DWELLING, 6-room and garage, \$6800;
No. 1419 42nd St., Sacramento;
owner, J. A. Reinmuth, 3180 Serra
Way, Sacramento; contractor, F. H.
Artz, 1911 28th St., Sacramento.

DWELLING 5-room and garage, \$3600.
No. 932 47th St., Sacramento; own-
er, Haworth & Jones, 1561 T St.,
Sacramento.

DWELLING, 4-room and garage, \$2500;
No. 2738 57th St., Sacramento;
owner, C. H. Ritchey, 2738 57th
St., Sacramento.

DWELLING, 5-room and garage, \$2600;
No. 322, L St., Sacramento; owner,
H. G. Birdsall, 1516 27th St., Sacra-
mento.

DWELLING, 5-room and garage, \$5000;
3724 T. Sacramento; owner, H. W.
Whitbeck, 2814 36th, Sacramento;
contractor, Brier Const. Co., 2809
S. Sacramento.

DWELLING, 9-room and garage, \$3500
2533 36th Sacramento; owner, H. J.
McCurry, P. O. Eldg., Sacramento;
contractor, Brier Const. Co., 2809 S,
Sacramento.

DWELLING, 7-room and garage, \$5000
1025 43rd, Sacramento; owner, O. J.
Harvey, 1321 43rd, Sacramento.

DWELLING 5-room and garage, \$3250;
3849 Sherman Way, Sacramento;
owner, H. G. Birdsall, 1516 27th,
Sacramento.

DWELLING, 5-room and dgarage, \$2800
1443 32nd, Sacramento; owner, H.
G. Birdsall.

DWELLING, 5-room and garage, \$2800;
1109 W, Sacramento; owner, H. G.
Birdsall.

DWELLING, 5-room and garage, \$2800;
1553 36th, Sacramento; owner, H.
G. Birdsall.

DWELLING, 6-room, \$3350 2012 C, Sacra-
mento; owner, J. J. Carson, 1487 24
D, Sacramento; contractor, C. Car-
son, Box 129 Rt. 4, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
Sept. 1, 1924—LOT 6 and E 20 P. Lot 7, H. I. 15th and 16th Sts., Sacramento. J. L. Russell to whom it may concern.	Sept. 6, 1924
Sept. 17, 1924—LOTS 5 AND 6 and 8 1/2 of Lot 7 and 13 1/2 of W 1/2 of Lot 7 K, L 11th and 12th Sts., Sacramento. Hotel Senator Corp to whom it may concern.	Sept. 19, 1924
Sept. 19, 1924—E 1/2 OF LOTS 19 & 20 Add E East Sac. Clifford George Friburg to whom it may concern.	Sept. 19, 1924
Sept. 20, 1924—LOT SUB 2 NICKEL Plate Tract. Fred C. York to whom it may concern.	Sept. 20, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
Sept. 11, 1924—LOT 50 Casita Tract, Sacramento. Capitol Sand & Gravel Co vs Herbert N Hale.	\$51
Sept. 11, 1924—LOTS 4 AND 5 BLK 20 North Sacramento Sub No. 1. Capitol Sand & Gravel Co vs Gus Soukas.	\$149.75
Sept. 11, 1924—LOT 64 South Curtis Oaks Sub No. 2, Sacramento. Ber- man's Hardware & Imp Co vs J W Lattin.	\$127.88
Sept. 12, 1924—LOT 3 BLK 20, North Sacramento Sub 1. Sacramento Plumbing Supply Co vs Gus Soukas.	\$16
Sept. 13, 1924—W 42 1/2 FT. LOTS 1 & 2 BLK 20, North Sacramento Sub No. 1. J S Spelman vs Gust Soukas.	\$14
Sept. 15, 1924—LOTS 1 AND 2 BLK 20, North Sacramento Sub 1. Sacramento Plumbing Supply Co vs Gus Soukas.	\$16
Sept. 15, 1924—S 70 FT. LOTS 65 & 66, Sunnydale Addn, Sacramento. Clifford & Cowdill vs Ed Erier and E. V. Gilliam.	\$81.65 & 2
Sept. 17, 1924—S 70 FT. LOTS 65 & 66 Sunnydale Add. E. V. Gil- ken vs D. Brier.	\$1654

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
Sept. 16, 1924—JACKSON SCHOOL Bldg. (porches), Stockton. Board of Education of Stockton to Powell & Mcberry.	Sept. 13, 1924
Sept. 16, 1924—LOT 3 and 4 of N 1/2 of Lot 1 Blk 12, Merryvale a subd of Stockton. H O and Ossie L Jones to J W Williams.	Sept. 10, '24

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,

Nevada City, Reno

SACRAMENTO OFFICE

ROSS E. PIERCE, Manager

905 SIXTH STREET

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

BANK
Lot 1 & 2, Block 1, Center St., Stockton.
 Installation of electric work for counter, stove and check stand, etc.

Owner: Union State Deposit Bank.
Architect: None.
Contractor: Federal Construction Iron & Steel Co., 1010 and San Bruno Aves., San Francisco.
Filed Sept. 16, '24. Dated Sept. 11, '24.
TOTAL COST, \$6000.
 Bond, none. Limit, 60 working days. Forfeit, plans and specifications none.

BANK
Stockton. Mill work for two-story Class A bank building.
 Contracted and specified by Bank of Stockton.

Architect: None.
Contractor: E. F. Martin (Union Planning Mfg. and Sutter St., Stockton).
Filed Sept. 17, '24. Dated July 10, '24.
TOTAL COST, \$17,255.
 Bond, none. Limit, Feb. 1, 1925. Forfeit, none. Plans and specifications filed.

METAL LATHING AND ALL METAL.
 Building of plain and ornamental plastering and masonry same on above.

Contractor: Geo. S. MacGruer and Robt. M. Simpson, Gas Ala. Gravel & Siphon Co., Tehama St., Stockton.
Filed Sept. 17, '24. Dated Aug. 12, '24.
TOTAL COST, \$27,000.
 Bond, none. Limit, June 1, 1925. Forfeit, none. Plans and specifications filed.

FURNISH MATERIAL AND LABOR
 for setting of all brick and terra cotta on above.

Contractor: A. W. Cowell, 1231 N-Sutter St., Stockton.
Filed Sept. 17, '24. Dated Aug. 12, '24.
TOTAL COST, \$1,000.
 Bond, none. Limit, Feb. 1, 1925. Forfeit, none. Plans and specifications filed.

PAINTING AND DECORATING ON
 above.

Contractor: A. C. Wacker, 1474 Sutter St., San Francisco.
Filed Sept. 17, '24. Dated July 21, '24.
TOTAL COST, \$11,304.
 Bond, none. Limit, Mar. 1, 1925. Forfeit, none. Plans and specifications filed.

INSTALL ALL GLASS, ETC., ON
 above.

Contractor: W. P. Fuller & Co., 218 S-Aurora St., Stockton.
Filed Sept. 17, '24. Dated Aug. 16, '24.
TOTAL COST, \$9,144.
 Bond, none. Limit, Jan. 1, 1925. Forfeit, none. Plans and specifications filed.

INSTALL ALL MARBLE TILE AND
 mosaic work on above.

Contractor: Cheri Marble & Mosaic Co., 1721 San Bruno Ave., S. F.
Filed Sept. 17, '24. Dated July 15, '24.
TOTAL COST, \$12,000.
 Bond, none. Limit, Feb. 1, 1925. Forfeit, none. Plans and specifications filed.

ADDITION
MANTCHA. All work for addition to church.

Owner: Archbishop of Roman Catholic Church of S. F., 1109 Franklin St., San Francisco.

Architect: None.
Contractor: D. W. Baysinger, Manteca.
Filed Sept. 16, '24. Dated Sept. 12, '24.
 Ready for roof.
 Plastering.
 Completed.
 Usual 35 days.

TOTAL COST, \$6,450.
 Bond, none. Limit, 80 working days. Forfeit, none. Plans and specifications none.

AUDITORIUM BLDG. SCHOOL DISTRICT.
 Stockton. All work required in construction of certain finishing, stairs, etc., for auditorium building.

Owner: Board of Education of Stockton School District by J. R. Humphreys, president, and Ansel S. Williams, Secretary.

Architect: Louis S. Stone, 357 14th St., Oakland.
Contractor: F. Shephard, 41 N-Madison St., Stockton.
Filed Sept. 18, '24. Dated Sept. 15, '24.
TOTAL COST, \$14,897.
 Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications none.

SCHOOL
PINEDALE SCHOOL, DISTRICT One
 story school building.
Owner: Pinedale School District.
Architect: E. J. Kump Co.
Contractor: Kerr & William.
Filed Sept. 20, '24. Dated Sept. 6, '24.
 As work progresses.
 Usual 35 days.

TOTAL COST, \$10,319.
 Bond, \$7738. Surety, Fidelity & Deposit Co. of Maryland. Limit, 70 working days. Forfeit, \$20 per day. Plans and specifications, none.

STEEL AND IRON WORK ON ABOVE.
Contractor: Kyle & Co.
Filed Sept. 20, '24. Dated
TOTAL COST, \$843.
 Bond, limit, forfeit, plans and specifications, none.

MASONRY ON ABOVE.
Contractor: J. M. Brown.
Filed Sept. 20, '24. Dated
TOTAL COST, \$4890.
 Bond, limit, forfeit, plans and specifications, none.

PAINTING ON ABOVE.
Contractor: E. F. Donohue.
Filed Sept. 20, '24. Dated
TOTAL COST, \$856.
 Bond, limit, forfeit, plans and specifications, none.

PLASTERING ON ABOVE.
Contractor: M. E. Summers.
Filed Sept. 20, '24. Dated
TOTAL COST, \$4650.
 Bond, limit, forfeit, plans and specifications, none.

ROOFING ON ABOVE.
Contractor: T. A. Osborn.
Filed Sept. 20, '24. Dated
TOTAL COST, \$1347.
 Bond, limit, forfeit, plans and specifications, none.

PLUMBING ON ABOVE.
Contractor: Evans Heating & Plumbing Co.
Filed Sept. 20, '24. Dated
TOTAL COST, \$1334.
 Bond, limit, forfeit, plans and specifications, none.

PERMITS
REMODEL, \$2000; No. 427 East Mendocino St., Stockton; owner, G. H. Phillips, Premises.

DWELLING & garage, \$1100; No. 1750 Larcene St., Stockton; owner, Chris. Thim, 1118 W-Elm St., Stockton.

DWELLING, \$6000; No. 1334 N-Yosemite St., Stockton; owner, Mrs. Jones; contractor, M. K. Kelly, 1746 Western Ave., Stockton.

DWELLING, \$5000; No. 1821 Lexington St., Stockton; owner, P. M. Powell.
LUMBER shed, \$2000; No. 301 W-Hazell St., Stockton; owner, Western Pacific Railway, Farmers & Merchants Bank Bldg., Stockton; contractor, A. Love, 1430 N-Hunter St., Stockton.

GARAGE and remodeling, \$1000; No. 1234 Marsh St., Stockton; owner, Mrs. S. A. Berry; contractor, W. Main.

REMODEL, \$1500; No. 35 North Sutter St., Stockton; owner, Musto Estate; contractor, H. H. Henning, 1751 Berkeley Ave., Stockton.

DWELLING and garage, \$3800; No. 507 E-Worth St., Stockton; owner, Miss C. Daugherty; contractor, O. A. Lindberg, 448 N-American St., Stockton.

MEZZANINE office, \$3000; No. 34 S-Center St., Stockton; owner, Portuguese-American Grocery Co., 34 S-Center St.; contractor, J. Gabriel.

DUPLEX dwelling and double garage, \$6500; No. 321 W-Walnut St., Stockton; owner, V. M. Trombula; contractor, H. W. Johnson, 301 Sonoma St., Stockton.

DWELLING and garage, \$3000; No. 830 N-Buena Vista St., Stockton;

owner, J. L. Simmons, 628 N-Aurora St., Stockton.
DWELLING and garage, \$5000; No. 326 E-Ninth St., Stockton; owner, C. T. Miller, 226 E-South St., Stockton.
APPL. TAINT 1st, 2d and 3d garages, \$8000; No. 27 Pilgrim St., Stockton, owner, Frank B. Miller, 122 S-California St., Stockton.
AUTO repair shop, \$2350; No. 218-222 N-Wilson Way, Stockton; owner, G. B. Ghlorzo, 1503 E-Channel St., Stockton; contractor, Nelson Bros., 128 S-Ophir St., Stockton.
RESIDENCE and garage, \$3600; No. 1414 N-Pershing Ave., Stockton; owner, I. A. Anderson; contractor, J. F. Moore, 1161 N-Pilgrim St., Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded
Sept. 16, 1924—LOTS 2 AND 4, Block 7, City of Stockton Homestead. C. E. Hill vs Mrs. Florence M. Stowe.

Sept. 17, 1924—LOTS 11 AND 16, Green Irrigation Farms Subd. No. 2, Plns. 1 & 2 of Sec. 20 T. 8 R. 8 E., Stockton. Jas. M. Schofield vs Walter C. Rasmussen and Tilda Rasmussen w/f and M. A. Simon.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

STORE, one-story brick, \$24,000; E 10th St., bet. Macdonald and Nevin Aves., Richmond; owner, C. S. Renwick, 201 N-Venice, Richmond; architect, J. T. Norbett, 902 Macdonald Ave., Richmond; contractor, C. Overaa, 2105 Roosevelt St., Richmond.

DWELLING, one-story frame, \$3000; N Downer St., bet. 23rd and 24th Sts., Richmond; owner, A. L. Puvovich, Chronicle Bldg., San Francisco; contractor, Tandy & Thies, 234 Chanstor St., San Francisco.

CLUB house, two-story brick veneer, \$50,000; E 12th St., bet. Macdonald and Bissell Aves., Richmond; owner, Contra Costa, War Veterans' Club House, Richmond; architect, J. T. Norbett, 902 Macdonald Ave., Richmond; contractor, Cobby & Owsley, 260 Tehama St., San Francisco.

DWELLING, one-story frame, \$4500; NE 19th and Roosevelt Sts., Richmond; owner, W. B. Richmond, 223 S-13th St., Richmond; contractor, A. J. McNary, 1920 Chanstor St., Richmond.

U. S. STEEL UNFILLED TONNAGE IS 3,289,577 TONS

The report of unfilled orders of the United States Steel Corporation for August, showing an increase of 102,505 tons more than July, signalized the importance of the buying activity that was maintained late in July and carried on throughout the last month. In August the unfilled tonnage amounted to 3,289,577 tons and in contrast to the July report of 3,187,072 tons that registered a decrease of 75,405 tons below the June report.

A compilation of figures for the unfilled orders of steel tonnage for the first eight months of the years 1922, 1923 and 1924 and for the last four months of the years 1921, 1922 and 1923 follows:

	1924	1923	1922
Aug.	3,289,577	5,414,862	3,950,150
July	3,187,072	5,910,762	5,775,161
June	3,262,505	5,638,261	5,635,531
May	3,623,069	6,981,351	5,254,228
April	3,298,447	7,288,509	5,096,917
March	3,729,245	7,490,332	5,066,913
Feb.	3,712,901	7,287,989	4,111,069
Jan.	3,109,129	6,917,776	3,211,678
1923	1922	1921	
Dec.	3,109,129	6,745,065	3,288,411
Nov.	3,109,129	6,810,214	3,250,512
Oct.	3,109,129	6,999,281	3,286,829
Sept.	3,109,129	6,991,607	4,560,670

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Publication Office
918 Mission Street

SAN FRANCISCO, CALIF., OCTOBER 4, 1924

Published Every Saturday
Twenty-fourth Year No. 40

Schumacher

Office
210 American Bank Building, S. F.

*Permanence
Economy*

Wall

Warehouses
San Francisco Oakland
San Rafael

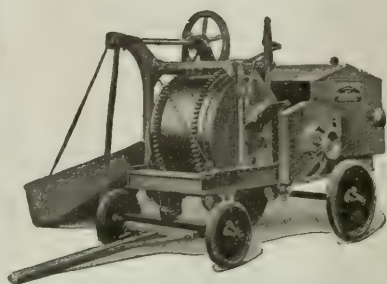
*Appearance
Comfort*

Board

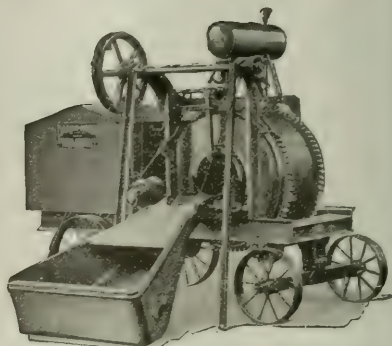
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Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

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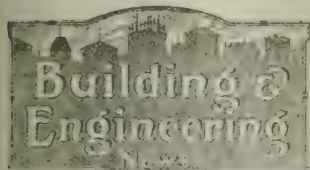
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., OCTOBER 4, 1924

Twenty-fourth Year No. 40



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OAKLAND HOMES TOTAL 50,172 AT CLOSE OF TAX ROLL

Oakland had a total of 50,172 homes at the closing of the tax assessment rolls this year, marking an increase of 3754 over the previous year, according to figures announced by City Auditor Harry G. Williams.

The tabulation showing the increase since 1917 reveals the fact that in that year there were 39,473 residences as compared to 50,172 at present. The increase for the year just closed exceeds that for the previous year, in point of homes built by 1488, there having been 2266 built in 1923.

Business buildings during the past year increased 299 with a total at the close of the tax rolls of 3187 as compared to 242 in 1917. The report also shows that there are now 573 apartments, 36 hotels, 8 public buildings, 20 fire houses, 79 schools, 16 depots, 133 churches, 12 hospitals and 2 crematoriums.

There were seven new churches constructed during the past year, a corresponding increase to that of last year. The same report shows Oakland's area as 60.25 square miles, of which 10.50 is water and 49.35 land.

FRESNO COUNTY ROADS COST SIX MILLION DOLLARS

With work on the last of the thirty-nine projects well advanced, there remained a balance of \$123,310.46 in Fresno county's special highway fund on September 1st, according to a financial statement made to the board of supervisors by S. L. Hogue, chief accountant.

The balance is more than sufficient to meet final contract payments in the completion of the county highway system and to make the pledge of the supervisors to give \$50,000 toward the construction of the Sierra to the sea highway, officials said.

When the supervisors eliminated the special levy of thirty-nine cents from the tax rate this year, after being effective two years, the last official step in providing the financing for the roads called for under the 1919 bond issue was taken.

The special tax raised during the two years of its imposition \$1,220,263.21, which added to the \$4,800,000 bond issue makes the aggregate cost of the county's paved paved system of highways and to maintain roads a little more than \$6,000,000.

On the first of August the trial balance showed the fund had \$352,413.46, while during the month the audited vouchers ran \$79,554.56 and the demands payable aggregate \$44,548.44.

The unexpended revenue is made up of \$118,983.30 from taxation \$8,418.07 from refunds and \$909.09 from the general fund.

REMARKABLE GROWTH IN PUBLIC UTILITY DEVELOPMENTS

Supervising hydroelectric, telephone, transportation and gas resources, the California Railroad Commission's report for the year ending June 30, 1924, shows a remarkable growth of public utilities development. In the fiscal year 1924, the commission authorized the sale of nearly \$100,000,000 more securities for such companies than in the previous year; next year it is expected that the figures for the fiscal year 1924 will be exceeded. Comparisons of the securities authorized by groups for 1923 and 1924 are here given.

Steam Rys.....	\$ 5,500,800	\$ 13,959,100
Electric Rys.....	42,059,093	475,000
Gas & Elec. Cos	124,008,650	95,935,157
Water Cos.....	12,318,910	24,494,163
Tel. & Cables.....	55,953,250	935,495
Warehouses.....	279,000	5,714,010
Water Carriers	1,977,900	1,144,000
Automotive Cos.	1,772,143	2,203,105

Total\$243,869,746 \$144,860,030

A review of the Railroad Commission's work since it started in 1912, shows that \$1,747,149,641 in authorization have resulted, of which \$1,015,901,766 were for improvements, \$287,908,065 for refunding, \$137,136,502 for collateral, \$295,381,551 for reorganization and \$10,821,665 for miscellaneous purposes. The same approximate ratio held true in authorizations for the last fiscal year.

August 1924 bookings of structural fabricated steel totaled 137,400 tons, or 59 per cent of capacity of 154 firms reporting to Department of Commerce. This compares with 167,564 tons, or 69 per cent of capacity of 182 firms reporting in July and 143,403 tons, or 57 per cent capacity of 189 firms reporting in August, 1923. Actual shipments were 189,800 tons in August, against 210,600 tons in July.

PAINTED SIGNS ON STATE ROADS DECLARED ILLEGAL

Instructions have been mailed from the headquarters of the state highway commission to the ten division engineers throughout the state informing them that painting of signs on state pavements is illegal and directing that all signs, other than those placed for the direction of traffic, be forthwith removed.

The order is the result of complaints concerning the painting of the letters "K K K" and "Klgy" on state highways in various sections of the state, particularly in Southern California, on the San Francisco Peninsula, and between Sacramento and Marysville.

The matter was submitted to Paul F. Fratesse, attorney for the commission, by Assistant State Highway Engineer T. E. Stanton. Fratesse declared the unauthorized painting of signs a misdemeanor under the state law.

The instructions to the division engineers read as follows:

"It is desired that all signs painted upon the state highway pavement, which do not pertain to the direction of traffic, be promptly removed; also that effort be made to prevent the painting of such signs without special permit.

"Section 6, Chapter 400, Statutes 1915, an act providing for the care, management and protection of state highways and penalties of violation of the act, makes this a misdemeanor and we should take all possible action to apprehend and prosecute persons caught violating this law."

The order was signed by George R. Winslow, maintenance engineer.

NEW WINDOW SHADE FABRIC IS PERFECTED

A new kind of window shade fabric formed of material with a woven cotton base and a pyroxylin finish is now being used in hotels, office buildings, hospitals, schools and other institutions. The application of this pyroxylin coated material to window shades was perfected after considerable research by chemists of the E. I. Du Pont De Nemours & Co., Wilmington, Del., who investigated thoroughly the problems of developing the fabric and the use to which it would be put, and the conditions affecting it when in use.

The material was developed at the request of business men who wanted a fabric which was better adapted to actual service conditions than the ordinary shade cloth. They found that when shades became ruined by rain, the carelessness of leaving the window opened was condemned, and not the fabric from which the shades were made. The same thing happened when shades became faded by sunlight. The idea was to develop a material which when it became soiled could be cleaned and renovated, instead of being replaced. The new fabric when soiled through use or exposure can be renovated by scrubbing with soap and water. It has been especially constructed and treated chemically so that it will not crack or sag, thus avoiding two of the main reasons for the replacements of ordinary shades at frequent intervals.

The introduction of this pyroxylin coated material into window shades, it is expected, will revolutionize this part of house furnishing, because it permits a cleaning and restoration of shades even after long use.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



During the fiscal year ending June 30, 1924, the Transportation Division of the Engineering Department of the Railroad Commission directed the separation of the grades of important highways crossing the tracks of steam railroads or electric railways in California. Most of these grade separations grew out of investigations conducted by the Transportation Division or were the result of applications for the construction of new grade crossings. These grade separations have involved heavy construction expenditures which must be pro rated between the carriers and the various political subdivisions in accordance with the importance of their several interests. In every one of these separations a considerable number of traffic intersections have been eliminated, and a material contribution to the public safety has been made.

Listing his liabilities at \$352,579.34 with assets of \$42,200, Otto A. Berger, president of the Berger & Carter, machinery manufacturers of San Francisco, has petitioned the U. S. District Court to be adjudged a voluntary bankrupt. C. W. Carter of San Francisco is named as the principal creditor. Berger owes Carter, the petition recites, \$141,184, due on promissory notes on the capital stock of Berger & Carter. To Berger & Carter, as a balance on capital stock and for moneys borrowed there is owing \$106,249.42. Other creditors are J. M. McHattom, \$10,929.89; Bank of California, \$7,115.52 and Central National Bank of Oakland, \$8,683.22.

Fred W. Stone, Porterville plumbing contractor, has requested the city officials of Porterville to revise the plumbing ordinance and bring it up to date to meet the requirements of modern contractor. Porterville plumbing laws are so out of date, declared Stone, that builders of the better class of buildings refuse to work under them and are choosing to meet the requirements of Fresno or San Francisco regulations.

A national conference on the utilization of forest products will be held in Washington Nov. 19 and 20, Secretary of Agriculture Wallace announces. The meeting will mark the most sweeping effort ever made in the United States to have the economical use of existing timber supplies take its place in the conservation program along with the prevention of forest fires and propagation of timber crops.

Three of the largest sawmills in Modoc County have been compelled to suspend operations due to lack of water. The Ballard Mill suspended operations about a month ago, and a few days ago the Davis Creek Lumber Co. and the Likely Lumber Co. were also compelled to shut down. It is not likely that these mills will be able to resume operations until Spring.

Oakland city council has ordered plans prepared for a street lighting system in the downtown section. About 250 standards will be installed at a cost of \$200,000, the work to be financed by property owners where installations are made.

Sawmill and yards of Camas Lumber Company at Camas, Wash., destroyed by fire Sept. 17. O. A. Story, manager, estimates loss at \$100,000.

Robert Sibley, speaking before the Foreign Trade Club of San Francisco, told of the world water power conference in London, which he attended as a delegate from the United States. He stated that California was the leader of the world in hydroelectric development. The United States produced sixty billion kilowatt hours of electricity, while the rest of the world produced only fifty billion. He told of the industrial conditions in seven countries which he visited, and, in she was burdened by taxation at the present time—automobiles being taxed \$5 a horse power—was paying the interest on her loan and was laying the future for a prosperity that would be felt in the next generation.

Governor Richardson has authorized the sale of the \$2,000,000 block of San Francisco harbor improvement bonds to finance completion of the terminal warehouse project at China Basin. Foundation work for the structure has been completed at a cost of approximately \$1,000,000. The additional funds will provide for the erection of the terminal pier which will be 850 feet in length and the warehouse, 342 feet in length. The structure will probably be six stories in height of Class A construction.

Charged with violating a section of the state housing act specifying the height of ceilings, C. C. Howard, reported to be a San Francisco contractor, was arrested in Alameda on complaint of Building Inspector Eugene Maillot. According to the complaint, Howard is accused by Maillot of remodeling a house at 1400 Central Ave., Alameda, constructing eight foot ceilings where nine foot ceilings are required by the housing act.

At a joint meeting of the American Hardware Manufacturers Association and the National Hardware Association of the United States, which will be held in Atlantic City on October 14, a program for the reduction from 1819 items of steel to 261 will be presented for action, the commerce department announces. This program represents the work of the simplification committee of the sheet steel industry, which was the result of a meeting of the metals branch of the National Hardware Association in Cleveland on May 25 1923.

Stockholders of the Wickwire-Spencer Steel Co., at a special meeting approved the proposed reorganization plans, which includes the formation of a new company, a complete recapitalization and placing the management in the hands of Samuel F. Pryor, who will be chairman of the executive committee. Pryor is also chairman of the executive committee of the Remington Arms Company.

Bids will be considered by the Merced Irrigation District on October 11 to furnish approximately 350,000 barrels of Portland Cement to be used in construction of the Exchequer Dam. Delivery is to be made Exchequer.

Ben F. Dupuy, for two years city engineer of Glendale, has resigned and John F. Johannsen, who has been with the Portland engineering department of Glendale since January, 1912, has been appointed to fill the vacancy.

Chas. M. Jackson, prominent in the commercial development of Stockton for the past forty-two years, died in that city Sept. 28 following an extended illness. At the time of his death, Jackson was president of the Stockton Fire & Enamel Brick Company and of the Stockton Land, Loan & Building Company, both of which corporations he helped to organize. He was also a director of the Stockton Savings & Loan Society Bank and was financially interested in a number of other enterprises. Jackson was born in San Francisco in 1855 and served an apprenticeship with Holbrook, Merrill & Stetson, following which he went to Stockton and in association with the late Henry Earle, opened the hardware firm of Jackson & Earle in 1882. Earle retired from business in 1905 and Jackson conducted the store as sole proprietor until 1909 when he sold his interests to the Ruhl-Goodell Company and retired from the hardware line.

The Los Angeles county civil service commission announces open competitive examinations as follows: For junior civil engineering draftsman, salary \$175 to \$190 per month, Saturday, October 25; senior civil engineering draftsman, salary \$200 to \$220 per month, Saturday, Oct. 4; engineering clerk (male), salary \$145 to \$155 per month, Monday, Oct. 6. Applications must be filed at room 1007, Hall of Records, at least three days prior to examination.

Edward Hyatt, Jr., has been appointed chief engineer of the Division of Water Rights, State Department of Public Works. Hyatt, Jr., has been acting chief of the division since the resignation of H. H. Kluegel last February. The appointment was made by Governor Richardson on the recommendation of State Engineer W. F. McClure.

General George W. Gottschalk, builder of the Panama Canal, has been commissioned by the Los Angeles County Board of Supervisors to supervise the county's \$35,000,000 flood control project. General Gottschalk will operate jointly with J. W. Reagan, county flood control engineer.

Martin J. Rist, for several years chief draftsman in the office of Architect Carl Werner of San Francisco, is now associated with Architect E. E. Gottschalk with offices in the Phelan Bldg., San Francisco.

Paul E. Fernald has been appointed a member of the Arizona state board of registration of engineers, architects, surveyors and assayers. He has been a government mineral surveyor for 14 years.

Portland, Ore., contemplates the installation of a high pressure water system in its congested area at a cost of \$1,426,000. Operating expenses are estimated at \$165,745 per annum.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

BUILDING TRADES BODY SPLITS AT SACRAMENTO

Differences of long standing have resulted in the division of the Sacramento Building Trades Council and the organization of a new body known as the Sacramento Building Crafts Alliance into which have gone several of the representatives of building trades locals.

The new organization has petitioned the Building Trades Department of the American Federation of Labor for a charter and is at this time awaiting the receipt of a charter direct from the national building trades department.

Barney Duran, business agent of the cement workers' local and delegate to the new council, declares that the new organization has been in existence since last June.

Duran said improper seating and seating of delegates in the old council was the direct cause of the differences, and that some of the delegates in the old council had "become tired of the machine and the steam roller tactics of some of the officers."

Several locals, most of which formerly were in the Building Trades Council, are in the new alliance. Among them are the cement workers, plumbers and fitters, hoisting engineers, iron workers, hod carriers, plasterers, some sheet metal workers and heat and frost insulators.

James Sullivan of the iron workers is president, and Thomas O'Brien of the plumbers and fitters is the secretary of the new organization.

Charges that "a machine" has dominated the old council, and that among its chief operators were W. J. Leduc, business agent, and M. E. Connors, recording secretary, were made by Duran.

In support of the belief that a new charter will be received by the new organization, he exhibited a copy of a letter written to Frank McDonald, president of the State Building Trades Council, by W. J. Spencer, secretary-treasurer of the national building trades department.

This letter instructs McDonald to take up the charter of the old council, and states that the application of the new council was heard at a recent meeting of the executive council of the building trades department and that his action was determined upon.

ASPHALT CONFERENCE IS SCHEDULED FOR LOUISVILLE

The Asphalt Association has prepared an exhaustive program of subjects relating to asphalt paving construction that are of immediate interest to engineers and highway officials for its Annual Asphalt Paving Conference to be held Oct. 13, 14 and 15, at Louisville, Ky. This is the third conference held under the auspices of the association, the first being in 1922, at Atlanta and the second being at Denver last year. The asphalt conferences are being given importance to the paving industry and each successive meeting has an increased attendance. Headquarters during the Louisville meet will be at the Brown Hotel.

Yolo and Lake County Boards of Supervisors have called joint meeting to consider route of the proposed local state highway from Rumsey, Yolo County, to Lower Lake, Lake County, the estimated cost of which is \$1,000,000.

Cost Survey for Brick Work in State is Now in Progress

By Geo. S. Summerell, Secretary, California Common Brick Manufacturers' Association

There is perhaps no subject in the building industry about which there has in the past been more misinformation and less exactness than in the matter of the cost of brickwork. The need for more definite information regarding the cost of brick as compared with other types of construction has been more keenly felt since the war with the greatly increased demand for brick construction that has been experienced throughout the Pacific Coast region.

One of the prime factors that led to the organization last year of the California Common Brick Manufacturers Association was the desire on the part of the brick industry to provide a clearing house through which the varying costs of brickwork in the different parts of the state could be secured with the view of making available to the building industry accurate, helpful, comparative information regarding this ancient building material.

The building trades and professions will be vitally interested in the results of a statewide survey of the cost of brickwork that is still being made by this organization. The progress of this investigation has already disclosed some very significant facts regarding the cost of laying brick in the wall.

There are today in California something less than thirty manufacturers of common brick. The cost of common run-of-kiln brick ranges from \$14 to \$17 and upward at the yard. The figure of \$15.50 has been found to fairly represent the average cost throughout the state for a thousand common brick.

The item of labor in the cost of brickwork is the one about which there has been least definiteness. During the readjustment period immediately following the war, the bricklayer was sometimes facetiously pictured as donning his silk shirt at nine in the morning, riding to the job in his Cadillac and laying a hundred or two of brick before going down to dress for dinner. This same comic-paper exaggeration was similarly applied to all skilled labor just as it was to our swivel-chair officers, our ship-yard workers, our dollar-a-year men and our profifiers. It was probably no truer of the bricklayer than any of the rest.

Today in California the bricklayer is averaging about \$10 a day. He is laying considerably better than a thousand brick in eight hours. In San Francisco the bricklayer receives \$11 a day; in Los Angeles, \$10; in other parts of the state, less. One man will lay 900 brick a day on an 8-inch curtain wall where reinforcing rods are used. On a 13-in. wall where there are no reinforcing rods to contend with, one man will lay

1500 brick per day. These figures are being duplicated and exceeded every day on hundreds of jobs throughout the state.

To the cost of brick and labor must be added a charge for mortar. One yard of mortar is required for 1200 bricks, two sacks of cement being required for every thousand brick. The cost of mortar in laying a thousand brick may fairly be figured at \$3.75.

Reducing the foregoing figures to a cost per thousand basis, we have brick at \$15.50, labor at \$15.49 and mortar at \$3.75, making a total of \$34.75 for a thousand brick in the wall—less than 3½¢ apiece. These figures represent the highest cost among the scores of jobs that came under observation in this survey. In approximately half of the cases the average cost per brick in the wall was 3 cents. In many cases, even in Los Angeles, the cost runs as low as 2.8 cents per laid brick.

The figures presented are from official sources and are of unquestioned accuracy. No effort was spared to arrive at conclusions which would represent the true situation. The figures given above are from Los Angeles and San Francisco, where costs are appreciably higher than elsewhere in the state.

In San Francisco figures obtained by the survey show that brickwork there is costing \$30 a thousand or only 3¢ a brick in the wall. This amount includes brick, mortar, labor and scaffolding. In San Francisco the cost per cubic foot of brickwork is still more favorable because the brick used is slightly larger in size than that obtainable elsewhere. In using San Francisco brick the mason figures six brick for each square foot of four inch wall, 12 brick for each square foot of eight inch wall, 18 per square foot of 12 inch wall and 24 per square foot of 17 inch wall.

Every day in Los Angeles contracts are being let for brickwork at \$28 a thousand. Some contractors report that they have frequently during recent months lost important jobs because their \$28 estimates were underbid. Construction at these prices is of course largely on warehouses and garage buildings presenting large unbroken walls with few openings.

From the beginning of time builders have agreed on the virtues of brick, its beauty, its permanence, its flexibility and its many indispensable advantages in sound construction. In California it is coming to be regarded as uniquely suited to the conditions of life and climate. The public as well as the building professions are learning that brick in the wall at three cents apiece, costs no more than some other building materials, less desirable and less enduring.

CITY MANAGERS IN CONVENTION PROPOSE CODE OF ETHICS

A code of ethics for city managers was placed before the annual convention of the International City Managers' Association in Montreal, Quebec. The document, comprising 14 planks, was drawn up by a committee consist-

ing of City Managers Carr of Dubuque, Iowa; Brownlow of Knoxville, Tennessee; and Koerner of Pasadena, Calif.

Among the planks are those urging the city manager to "remember you are a hired man," to deal with "both friend and foe with the same fairness," and "to keep the community faithfully informed of the plans and purposes of the administration."

Lien Law Protects Contractor and Stabilizes Building is Claim

Material dealers do not agree with the contention of general contractors that the mechanics' lien law of California has operated to the advantage of irresponsible contractors. They point out that contractors are protected by the law against unscrupulous and crooked owners and bogus finance company, who, they claim, give the building industry more trouble than irresponsible contractors. Views of the materialmen are given in the following article, entitled "How the Lien Law Protects the Contractor and Stabilizes the Building Industry," by Robert J. Leebrick, credit manager of Geo. M. La Shell, Inc., Long Beach, and printed in "Southern California Plasterer."

From certain quarters arguments are heard advocating the abolishment of our present lien law, as a means of making it more difficult for the irresponsible contractor to operate.

Unquestionably the irresponsible contractor would have tougher sledding than ever without its protection. So would everybody. If it were only the irresponsible contractor with whom we were having trouble, then probably the contention would be warranted. But those who are advocating this radical change in our policy must not forget that at the present time our main source of trouble is with the irresponsible owners and bogus finance companies.

The lien law is the only protection the contractor and the material man has against these crooks. In the first place we find the unscrupulous owner extremely clever in his operations. He usually gives his job a general contractor who has an excellent reputation for paying his bills. In most cases he is clever enough to pull the wool over the contractor's eyes and make him believe that the job is thoroughly financed. The contractor often takes his word without investigation. As the cases come under our observation the general contractor usually does not wake up to the mess he is in until possibly the job is three-fourths completed and he finds himself with a big portion of his own capital tied up in the job and unable to collect any more money from the owner.

The settlement is usually a long extended affair, but through the protection of the lien law the contractor usually pulls out with at least his original investment plus many sleepless nights. The contractor is financially responsible and can be held personally for the material he purchased. The owner is not responsible, and the contractor, without the protection of the lien law, would have a very serious situation to face.

You may say, "Oh, this fellow is dreaming; conditions are not as bad as this." Consider these facts. Just in the last month we have placed liens for two of our customers, both responsible men, on jobs where either the owner or finance company had gone bad. In one case the lien was over \$7000, and in the other case over \$3000. In both cases the men are financially responsible for all labor and material placed on the job. With no lien law to protect them, both would now be facing a very heavy loss. How can anyone who conscientiously faces these facts say that it would be a wise policy to do away with this protection?

Some contractors and sub-contractors put their whole life's earnings into one job. Is it good business to remove this legal guarantee for the return of that money?

It is very essential therefore for the contractor to assure himself before he signs up a job that he will have a

clear lien right in case the job goes bad.

The procedure to gain this information would be as follows: Get in touch with the credit department of your material dealer; have them obtain for you a title search on the property. This will establish the true ownership, and the amount of obligations, if any, recorded against the property in the form of first and second mortgages, trust deeds, or notices of non-responsibility. Any mortgages or trust deeds recorded against the property before any material is delivered or labor performed on the job, come ahead of the lien rights. If you find a job heavily obligated, or a notice of non-responsibility posted and recorded, it is up to you to be extremely cautious, and if necessary protect yourself by demanding that the money for the job be placed in escrow, to be paid to you as the job progresses.

Occasionally we find a sub-contractor who has the idea that the legal time to file his lien is figured from the day he completes his own sub-contract. This is not correct. The time is figured from the completion of the entire building. It is true that the sub-contractor has not the right to file a lien until he has completed his own sub-contract, but any time thereafter he may file up to the end of the legal period for filing liens.

The legal period for filing liens is figured as follows: If a notice of completion is recorded within ten days after the building is completed and accepted, then the sub-contractors, material men and mechanics have thirty days from the day the notice of completion was recorded to file their liens. The general contractor has sixty days. However, for this notice of completion to have any legal value, it must be recorded absolutely within ten days after the building has been completed and accepted.

If no notice of completion is recorded, then all parties interested have ninety days after the actual completion to file their liens. Completion in these cases is figured from the last day that any labor was performed on the job. Occupation accompanied by cessation of labor constitutes a completion, and the ninety-day period starts running from that date.

If work ceases on a job for a period of thirty days, it constitutes an abandonment. If within ten days after this thirty-day period the owner or contractor files a notice of cessation of labor, then the sub-contractors, material men and mechanics have thirty days after the recording of the notice to file their liens. If no notice of cessation of labor is recorded, then all interested parties have ninety days after the thirty-day period to file liens. In other words, there is a period of 120 days from the actual day that work stopped on the job to file liens.

It is a mooted question whether the resumption of work during this 120-day period, providing no notice of cessation of labor was recorded, renews the lien rights. It is better to play safe, and file a lien, in case a job stops for over a period of thirty days.

Material dealers are making it mighty difficult for the irresponsible contractor to operate. The responsible contractor cannot afford to get away his own main weapon of protection in an effort to accomplish results that are already fast being accomplished in another manner.

Without the protection of the lien law it would be practically impossible for the small contractor to operate. Is it the idea of those opposing the lien law to absolutely slaughter all the

small contractor? It is well for them to remember that they were all small contractors once themselves.

It is estimated by men who are in a position to know conditions that the abolishment of the lien law would curtail our building program at least one-third to one-half its present volume. Do any of us want this to happen?

The contention is sometimes made that the lien law works a hardship upon the owner because the average owner knows nothing about the law. This may be true, but instead of abolishing the lien law, let us systematically educate the people as to what its real purpose is. If every material dealer, lumber company, hardware store and builders exchange had a good synopsis of the lien law on his counter and saw to it that every prospective home builder got a copy of it, every one would soon realize that the lien law was an invaluable protection to everyone, and indispensable to the building industry.

TRADE NOTES

Atlas Factories Incorporated, located by San Francisco, Reno and New York capital, has been organized in Reno to finance the building of homes. F. W. Steadlight, for 12 years mechanical superintendent for Hiram Walker & Sons of Ontario, Canada, and formerly chief engineer of the Detroit Copper & Brass Roller Mills, is general manager of the company and is now in Reno arranging affairs. Officials of the company announce that the control of vast deposits of raw diatomaceous earth, silica, gypsum and other building materials has been secured in Nevada and California. It is proposed to erect a factory to manufacture building brick, fire brick, tile, insulating materials and other products under the company's plan and formula.

J. H. Baxter Company of San Francisco has purchased property on the Joint Santa Fe and Southern Pacific line in Alameda and through J. M. Brady, manager of the engineering department of the company, announces that will spend \$250,000 in improvements to permit the unloading of company steamers arriving from British Columbia and Puget Sound with poles and timbers.

Crane Company announces the opening of exhibit rooms at 61 New Montgomery street, San Francisco. The exhibit houses a complete display of plumbing and heating fixtures, arranged in settings of exceptional beauty and dignity. Bathrooms, kitchens, laundries and complete groups of fixtures for hospitals and industrial plants are featured.

Salinas Concrete Pipe Co., operating a plant at Salinas, has ordered additional equipment installed to meet the demand for concrete pipe. Equipment now in use at the Salinas plant will be moved to Soledad where a separate plant is required. G. Fegulia, manager of the Salinas plant.

William Volker & Co., manufacturers of window shades and interior furnishings, will open a branch office in Fresno in the newly completed building at Van Ness and R streets. Sam A. Miller will be manager of the branch.

Metal Ferns Construction Co., capitalized at \$3,000, has been incorporated with the principal place of business at San Francisco. Directors of the company are: H. J. and Alice G. Larsen and V. S. and C. E. Persons.

Building News Section

APARTMENTS

To Be Done By Day's Work.
APT. BLDG. Cost, \$25,000
SAN FRANCISCO, SW Broderick and
San Alice Sts.

Two-story frame and stucco and brick
veneer apt. bldg. (5 apts. 4 rooms
each).
Owner—Mr. and Mrs. Geo. M. Browne.
Architect—Wm. F. Gunnison, 57 Post
St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, \$35,000
OAKLAND, vicinity Lake Merritt.
Five-story frame and stucco apartment
house.

Owner—Harry Knight.
Architect—W. A. Doctor, 505 Bank of
Italy Bldg., Oakland.

Sub-Contracts Awarded.
APT. HOUSE Cost, \$60,000
OAKLAND, 15th and Madison Sts.
Three-story class C brick apartment
house.

Owner—Coit Investment Co., 306 14th
St., Oakland.
Architect—Leonard H. Ford, 306 14th
St., Oakland.

Brick Work to Jos. Devillers, 357 12th
St., Oakland.

Plumbing & Heating, W. A. Griffiths,
629 57th St., Oakland.
Electrical Work, Anderson Electric Co.
Oakland.

Painting, B. S. Hansen, 672 Santa Rey
Ave., Oakland.
Elevators, Otis Elevator Co., Beach &
Grant Ave., San Francisco.

Sheet Metal, East Bay Sheet Metal Wks
Oakland.

Window Frames, Clinton Mill & Lum-
ber Co., 701 4th Ave., Oakland.
Wall Beds, Marshall & Stearns, Phelan
Bldg., San Francisco.

As previously reported.
Terra cotta awarded to N. Clark and
Sons, 116 Natoma St., S. F.
Structural steel to The Judson Mfg.
Co., 819 Folsom St., S. F.

Contract Awarded.
APT. BLDG. Cost, \$25,000
SAN FRANCISCO, W Dolores N of 17th
Street.

Three-story and basement (6) apts.
Owner—A. C. & G. M. Hutchinson, 3242
22nd St., San Francisco.
Architect—W. C. Mahoney, 892 Union
St., San Francisco.
Contractor—J. Mohr & Rawls, Mills
Bldg., San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, \$10,000
OAKLAND, Yalla Vista Ave.
Two-story frame and stucco apart-
ment house (4 2 & 3-room apts.)
Owner—Mrs. Kendall.
Architect—Leonard H. Ford, 306 14th
St., Oakland.

Contract Awarded.
APARTMENTS Approx \$150,000
SAN FRANCISCO, Jones and Maiden
Lane.

Six-story and basement steel and brick
apartment house (54 2-room apts.)
Owner—Withheld.
Architect—Albert Burgren, 110 Sutter
St., San Francisco.

Contractor—G. F. W. Jensen, 320 Mar-
ket St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$13,700
OAKLAND, N Mather St. 48 W Gilbert
Street.

Two-story 16-room frame apartment
building and garage.
Owner—H. B. Muir, 264 Mather St.,
Oakland.
Contractor—J. B. Bishop, 557 Athol Ave
Oakland.

Owner Taking Figures.
APT. HOUSE Cost, \$75,000
SAN FRANCISCO, S O'Farrell west of
Hyde.

Five-story and basement reinforced
concrete apartment house.
Owner—F. W. Bottendorf.
Architect—August G. Headman, 74 New
Montgomery St., S. F.

Contract Awarded.
APT. BLDG. Cost, \$12,000
RICHMOND, E 26th bet. Nevin and
Barrett.

Two-story frame apartment building
(4 apts)
Owner—L. Cornell, 237 Macdonald Ave.,
Richmond.
Contractor—Carl Overaa, 2105 Roose-
velt, Richmond.

To Be Done By Day's Work and Sub-
Contracts.
APARTMENTS Cost, \$70,000
SAN FRANCISCO, S O'Farrell 162-6 W
Larkin.

Four-story and basement reinforced
concrete apartment building (23
apartments).
Owner—O. E. Carlson, 180 Jessie St.,
San Francisco.

Sub Figures Being Taken.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, SW 30th St. and
San Jose Ave.

Two-story frame & stucco apartments
(4 4-room apts.)
Owner—E. V. Lacey, 180 Jessie St.

Contract Awarded.
APT. BLDG. Cost, \$25,000
OAKLAND, E Lakeshore Ave., 400 N
Hanover.

Three-story 24-room frame apartment
building.
Owner—R. M. Blake, 423 Wayne Ave.,
Oakland.

Designer—Paul La Vergne, 4264 Howe
St., Oakland.
Contractor—L. W. Blake, 1002 Webster
St., Oakland.

Material of Merit

DOORS

Firedoors, Freight Elevator,
Garage and Warehouse Doors.
Fold-up Doors, Ti-co-dors, Cobald-
dors, Wal-el-dors.—St. Louis
Fire Door Co.

STORE FRONTS

The newest and most diversified
store front.—Security Metal
Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-
slipping flooring.—Irving Iron
Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

Sub Figures Being Taken.
APTS. & STORES Cost \$60,000
BERKELEY, Alameda Co., Cal., Dela-
ware and Shattuck.

Three-story and basement frame and
stucco apts. and stores (18 2-room
apts. and 1 6-room residence apt.
and 4 stores).

Owner—Geo. L. Mohr, 1810 Shattuck
Ave., Berkeley. (Phone Berkeley
7540-J).

Architect—Owner.
Lumber and mill work to E. K. Wood
Lumber Co., Oakland.
Foundation work to Martin Foss, 1330
Grove St., Berkeley.

Plans Being Prepared.
APT. HOUSE Cost, \$450,000
SAN FRANCISCO, SE Jackson and
Steiner Sts.

12-story and basement class A com-
munity apt. house (16 3 to 12 rm.
apts., basement, garages, store-
rooms, etc.).

Owner—A corporation, name withheld.
Architect—Henry C. Smith, Humboldt
Bank Bldg., San Francisco.

LOS ANGELES, Cal.—F. Sward, 3869
W. 6th St., has prepared plans for a 4-
story Class C apartment building at the
northeast corner of 5th and Bonnie
Bree Sts. for Nathan Jaffe. Contract
will be let next week. Building will
contain 120 1 and 2-room apartments,
95x143 ft., face brick and stone exterior,
composition roof, hardwood floors, tiled
baths, elevator, gas, heating, build-
ing beds. Cost, \$250,000.

BONDS

SAN DIEGO, Cal.—Yorba Linda has
called bond election for Oct. 4 at which
time it is proposed to vote \$60,000 for a
new school bldg.

ARTESIA, L. A. Co., Cal.—Excelsior
High School Dist. has called bond elec-
tion for Oct. 17 at which time it is
proposed to vote \$57,000 for comple-
ting furnishing and equipping of new
school.

BAKERSFIELD, Kern Co., Cal.—
County Supervisors set \$3000 bond is-
sue of Johannesburg Lodge District
for premium of \$12.50; proceeds of
sale to finance school improvements.

OAKLAND, Cal.—Bond issue for \$9-
600,000 voted to finance erection of new
schools and additions to present struc-
tures.

CHURCHES

LOS ANGELES, Cal.—H. W. Powers
& Son, 613 Jewelers Bldg., were low
bidders at \$31,596 for erecting brick
ridge bldg. at cor. 50th and Central
Aves., for Central Ave. Lodge K. P. No.
319. Plans by Henry Mills, 232 W 31st
St. Dimensions, 50x110 ft., brick walls,
z-story, press, brick and terra cotta
facing, steel lintels, columns and girders,
gas htg., hardwood fls., steel sash.
The bids were: H. W. Powers & Son,
\$31,596; Lavery Constr. Co., \$31,662;
Fitch & Pemberton, \$32,950; P. A. Be-
langer, \$33,385; A. V. Perkinson, \$33-
620; Willard-Brent Co., Inc., \$33,826;
Thos. L. Otis Co., \$33,976; Etherton
Constr. Co., \$34,320; E. P. Christensen,
\$34,400; W. D. Geck, \$34,850; Henry W.
Schlueter, \$35,000; Pozzo Constr. Co.,
\$36,500; Davis-Heller-Pearce Co., \$36-
326; M. J. Brock, \$37,433.35; McFadden
& Kinkelman \$37,880; Walter E. Warne
\$40,519. Bids taken under advisement
there were several alternates which
may effect the award.

SAN LUIS OBISPO, Cal.—Seventh Day Adventists, P. E. Adams, pastor, will build new church at Santa Rosa and Buchon Sts.; \$5000.

LOS ANGELES, Cal.—W. Haselwanger, 1449 Poinsettia Pl., has been awarded the contract for conc. work for church bldg., at Budlong and Santa Barbara Aves for the University Christian Church; it will have auditorium and balcony to seat 740 people, classrooms, social hall, kitchen, etc. Robert H. Orr, 1500 Corporation Bldg., archt. Brick walls, basement, tile and comp. rfg., cement, pine and hardwood, fls., gas furnace htg. sys., plaster extd., art stone trim, art glass; \$65,000. H. E. Knerr, 1401 E 15th St., has been awarded the contract for brick work.

FACTORIES & WAREHOUSES

Bids Being Taken.
FACTORY BLDG. Cost, \$40,000
SAN FRANCISCO, NW Cor. 8th & Folsom Streets.
One-story fireproof bldg.
Owner—Diamond Patent Showcase Co., Inc., 1625 Mission St. & P.
Designer—James P. Shaffer, 987 Mission St., San Francisco.

Contract Awarded.
SHOP & OFFICE Cost, \$15,000
SAN FRANCISCO, W 5th South of Shipley.
Two-story reinforced concrete shop & office building.
Owner—Wm. & Arthur Hoelscher.
Architect—Arthur Bugbee, 26 Montgomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg., San Francisco.

Brick Contract Awarded.
ALTERATIONS Approx. \$1,250,000
CROCKETT, Contra Costa Co., Cal.
Erect one-story reinforced concrete and steel building, 250x460 ft. to be known as Sections 2 and 3 of warehouse No. 1.
Owner—California & Hawaiian Sugar & Refining Co.
Con. Eng.—A. A. Brown, 215 Market St. San Francisco.
Brick work awarded to Hock & Hoffmeyer, 180 Jessie St., S. F.

As reported before, the steel was awarded to Moore Dry Dock Co., foot of Adeline St., Oakland. All other work will be done by the owner.

Plans To Be Prepared.
FACTORY BLDG. Cost, \$175,000
SAN FRANCISCO, Mission and Bond Streets.
Five-story reinforced concrete factory building.
Owner—S. Heiman, 57 Post St., San Francisco.
Lessees—Alcone Knitting Co.

SACRAMENTO, Cal.—Until Oct. 27, 10 A. M., bids will be received by Harry W. Hall, county clerk, to erect storeroom at county hospital grounds. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk.

Contract Awarded.
WAREHOUSE Cost, \$12,000
OAKLAND, NW Cor. 56th and Lowell Streets.
One-story concrete and tile warehouse.
Owner—Elizabeth Keift, 1725 Webster St., Oakland.
Contractor—Marshall & Burks, 1725 Webster St., Oakland.

Sketches Being Prepared.
WHE & OFFICE Cost, \$1,000,000
SAN FRANCISCO, Block bounded by Bryant, Fremont, Beale and Brannan.
Reinforced concrete warehouse and office building.
Owner—Baker Hamilton & Pacific Co.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Preliminary Plans Being Prepared.
PACKING PLANT Cost, \$5000
HAYWARD, C & Soto Sts.
One-story packing plant (type of construction not decided).
Owner—Poultry Producers of Central Calif., J. Christensen, mgr.
Architect—G. Whittman, San Leandro.

LOS ANGELES, Cal.—J. M. Cooper, 321 Marsh-Strong Bldg., has the contract on a guaranteed price cost plus basis for a 3-story class A chemical bldg. at Sacramento St. and Santa Fe Ave. for Mefford Chemical Co. Plans by Arthur E. Mortimer, 818 Chapman Bldg. Reinf. conc. constr., 3-story, 50 by 140 ft., conc. extdr., reinf. conc. roof constr., conc. fls., steel sash, elec. freight elevator, dumb waiter, wire glass.

BAKERSFIELD, Kern Co., Cal.—T. J. West Co., H. A. Jastro, pres., Bakersfield, will erect a cotton compress here to cost about \$150,000, half of which will be spent for machinery and remainder for warehouses and other equipment.

SANTA CLARA, Cal.—At \$3860 Morrison Bros., 1310 Liberty St., Santa Clara, were awarded the contract by Board of Education to erect a faced brick shop addition to present structure on Santa Clara High School grounds, and at \$2043 the contract for bleachers on high school baseball grounds.

COLTON, San Bernardino Co., Cal.—California Portland Cement Co. has started work on new stock house to cost about \$200,000.

STOCKTON, San Joaquin Co., Cal.—Kuhn Service Machine Co., M. A. Kuhn, president, Porterville, Calif., will erect a plant in Stockton for the manufacture of a fruit packing device.

FLATS

Construction To Start at Once.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO, S Geary 100 W 10th Avenue.
Three-story and basement frame flat building (4 flats).

Contractor & Owner—J. M. Boscoe & Co., 335 Clement St., San Francisco.
Architect—J. C. Hladik, 855 Monadnock Bldg., San Francisco.

To Be Done by Day's Work.
ALTERATIONS Cost, \$500.
SAN FRANCISCO, Gough near Vallejo Street.
Altering frame residence into 2 flats.
Owner—C. Arnaud.
Architect—Fahre & Hildebrandt, 110 Sutter St., San Francisco.

Contract Awarded.
FLAT BLDG. Cost, \$12,000
SAN FRANCISCO, W Gough 65 S Francisco.
Two-story frame flat building.
Owner—Wm. F. Buhlinger, 176 27th St. San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—O. K. Holt, 3877 26th St. San Francisco.

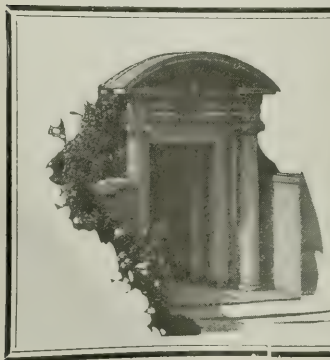
Contract Awarded.
FLATS Cost, \$10,000
SAN FRANCISCO, SW Sanchez and Twenty-seventh Streets.
Two-story and basement frame and stucco flat building (3 4-room flats).
Owner—John T. Shaler.
Architect—Henry Shermund, Hears Bldg., San Francisco.
Contractor—Ouslin & Stone, Nevada Bank Bldg., San Francisco.
Open fireplaces, built-in bathtubs built-in bookcases and all modern conveniences.

GARAGES

Contractor To Take Sub-Figures.
GARAGE Cost, \$14,000
SAN FRANCISCO, NE Jones & Clay Sts.
Two-story brick and steel private garage for residence.
Owner—Wm. P. Johnson, 1300 Jones St., San Francisco.
Architect—E. G. McDougall, 383 Sacramento St., San Francisco.
Contractor—Lindgren-Swinerton Co., Standard Oil Bldg., San Francisco.

Sub Contracts Awarded.
FLAT BLDG. Cost, \$9000
SAN FRANCISCO, Johns St. nr Powell
Two-story frame and stucco flat bldg. (4 rms each).
Owner—Vincent De Palma.
Architect—Arthur Griewank.
Plumbing awarded to N. G. Wienholtz, 1420 Howard St., S. F.
Figures are being taken for plastering and electrical work.

Contract Awarded.
FLAT BLDGS. Cost, \$6000 each
SAN FRANCISCO, S Anza 48 & 81-6 W 28th Ave.
Two 2-story and basement frame flat buildings (2 flats in each).
Owner—Alma Mahan.
Designers—Roller & Meherin 117 Front St., San Francisco.
Contractor—C. F. Parker, 251 Kearny St., San Francisco.



MILLWORK

A service of real value is offered by

National Mill & Lumber Co.

We are glad to place at your disposal, without obligation, the services of a corps of skilled estimators, with wide experience in figuring general millwork, cabinet work and detail work of all kinds. Behind them is an organization offering virtually unlimited selection of materials. We believe their assistance will be genuinely helpful to you.

312 Market Street
San Francisco

High St. & Tidewater Ave.
Oakland

Contract Awarded.
ELAT BLDG. Cost, \$10,000
OAKLAND, W Terrace St, 100 N Ridge-
 way Ave.
 Two-story frame flat building (14 rms)
OWNER, J. Vis, 2301 Alameda Ave., Ala-
 meda.
Contractors, L. M. Baird, 1931 Bay View
 Ave., Oakland.

LOS ANGELES, Cal.—Arch. Richard
 D. King, 519 Van Noy St., has com-
 pleted plans and is taking bids for a
 class A office and garage bldg. to be
 erected at n.w. cor. Hollywood Blvd.
 and Sycamore St. for H. F. Reinheim;
 the office bldg. will have 5 stories on
 first fl. and office suites above. Office
 space will be 5-story and garage 3-
 story, reinf. conc. constr., 150x180 ft.,
 terra cotta plaster and conc. exte-
 comp. rig. plate glass, steel sash, five
 elev. elevators, garage will have ramps,
 sprinkler sys., steam hgt. sys., base-
 ment, metal store fronts, pine trim;
 \$500,000.

LOS ANGELES, Cal.—Archts. S. Til-
 den Norton and Frederick H. Wallis,
 716 S Spring St., have completed plans
 for a class A garage bldg. to be erect-
 ed at 835 Kohler St. for the Central
 Realty Co., 1208 Loew State Bldg.
 Brick walls, dimen. 68x255 ft., press.
 brick facing, cem. fls., metal skylights,
 Summerbell roof trusses, plate and
 wire glass, comp. rig. struc. steel,
 fibre doors, steel sash, reinf. concrete
 work. Owner will have entire charge
 of construction.

BAKERSFIELD, Kern Co., Cal.—
 Until Oct. 20, 10 A. M., bids will be re-
 ceived by F. E. Smith, county clerk, for
 roofing county garage building. Cert.
 check 10% payable to county required.
 Plans on file in office of clerk.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Bids will be
 called for next week by Constructing
 Quartermaster at Fort Mason for 570
 feet of spur track at Dock No. 1, Fort
 Mason.

SAN FRANCISCO—The following
 bids were received September 24th by
 Constructing Quartermaster, Fort Ma-
 son to drive piles, etc. for wharf re-
 pairs at Fort McDowell:
 Healy-Thibbitts Construction Co.
 64 Pine St., S. F. \$1336
 Geo. H. Kitchen \$1980
 Both bids were rejected as being too
 high. Plans will be revised and new
 bids called for.

SAN FRANCISCO—Announcement is
 made by Constructing Quartermaster
 at Fort Mason of an extension to the
 National Cemetery at the Presidio.
 Work will include clearing of trees,
 grading, laying of water mains and
 wire fencing. Plans are still in a ten-
 tative state and it is probable that ac-
 tual work will not start until the first
 of the year.

MARE ISLAND, Cal.—Announcement
 is made that \$70,000 will be expended
 in renewal of submarine base wharf
 north of the Mare Island Causeway.

SAN FRANCISCO—Until Oct. 1, 11
 a. m., bids will be rec. by U. S. En-
 gineer Office, 35 2nd St., under Order
 No. 552-628 to fur. and del. miscelane-
 ous culinary supplies. Lists of ma-
 terials desired obtainable on request
 to above office.

SAN DIEGO, Cal.—Until 11 a. m., Oct
 7 bids will be rec. by public works
 officer, 11th naval dist., San Diego, to
 replace bulkhead at Marine Railway
 Destroyer Base, San Diego, involve the
 replacement of approx. 125 ft. old tim-
 ber bulkhead with a 12-in. crossoted
 sheet pile bulkhead, anchored to exist-
 ing anchor piles with galvanized wire
 rope. Plans and spec. upon deposit of
 \$10. DeWitt C. Webb, commander, U. S.
 N., public works officer.

WASHINGTON, D. C.—The following
 bids were opened October 1st by the
 Bureau of Yards and Docks, Navy De-
 partment, Washington, D. C. under
 specification No. 4979 to construct
 psychiatric ward at Mare Island Navy
 Yard:

Larsen & Siegrist, Claus Spreckels
 Bldg., S. F., (low) \$93,861, \$91,669.
 Robt. Trost, \$102,021, \$103,516.
 Allen Pope, \$107,000, \$103,900.
 Lois Tagnon, \$117,272, \$111,384.

PALO ALTO, Santa Clara Co., Cal.—
 Until Oct. 10, 2 P. M., bids will be rec.
 by U. S. Veterans' Bureau, Field Service,
 Palo Alto, to dismantle existing water
 tank at U. S. Veterans' Hospital No. 24,
 Palo Alto, increase height of existing
 water tower and re-erect tank, in-
 cluding painting of entire structure.
 Plans obtainable from above office.

WASHINGTON, D. C.—At \$105,000,
 R. E. Campbell, 302 E Anaheim St.,
 Long Beach, was awarded the contract
 by Bureau of Yards and Docks, Navy
 Dept., Washington, D. C., for exten-
 sion to nurses' quarters at San Diego
 naval operating base.

SAN FRANCISCO—The following
 bids were received by Wm. Arthur
 Newman, Supervising Supt., 402 Post-
 office Bldg., 7th and Mission Sts., for
 repairs to stairs, floors, sidewalks,
 etc. at U. S. Customhouse, San Fran-
 cisco:
 Barrett & Hilp, 351 12th St.,
 Oakland \$4360
 Cohlees & Staton \$5500
 Alfred Vogt \$6187
 A. Tappenhause \$7500
 Finn Anderson \$8200
 The bid of Barrett & Hilp was rec-
 ommended to Washington for approval

OAKLAND, Cal.—Following bids rec.
 by U. S. Engineer Office, Customhouse,
 for dredging Oakland Creek Channel,
 same to be widened 100 ft. to a total of
 600 ft., over length of 1/4 mile, below
 Webster St. bridge; minimum depth to
 be 20 ft., involve removal of 505,000 cu.
 yds. material; American Dredging Co.,
 30.89c cu. yd.; San Francisco Bridge Co.,
 31.3c cu. yd; United Dredging Co.,
 32.43c cu. yd.

SAN FRANCISCO—Until noon Oc-
 tober 12th, sealed proposals will be re-
 ceived at the office of Supervising Supt
 Wm. Arthur Newman, 402 Postoffice
 building, San Francisco, for altering
 wire screen partitions in cashier's
 basement vault at U. S. Post Office
 Bldg., S. F. Plans obtainable from
 above office.

SAN DIEGO, Cal.—Bureau of Yards
 & Docks, Navy Department, Wash., D.
 C., is preparing Specification No. 5025
 for installation of electric passenger
 elevator at Naval Operating Base
 (Hospital). Requests for plans are
 being received; deposit of \$10 required.

WASHINGTON, D. C.—Bids are be-
 ing rec. by Bureau of Supplies and Ac-
 counts, Navy Department, Washington,
 D. C., to furnish and deliver materials
 to Navy and Stations, as follows: date
 for opening bids as noted at close of
 each paragraph.

Sched. 2685, Mare Island, 15,000 gals.
 spar varnish, Oct. 14.

Sched. 2691, Puget Sound, 700 ft.
 black steel pipe and 1200 ft. seamless
 steel tubing, Oct. 14.

Sched. 2692, western yards, 7195 lbs.
 seamless copper tubing, 2000 lbs. do.
 20,000 lbs. seamless brass pipe and 1900
 lbs. do, Oct. 14.

Sched. 2695, Mare Island, 120 ft. flex-
 ible metallic hose, Oct. 7.

Sched. 2696, various yards, air, gar-
 den, gasoline, suction, wash deck hose,
 steam, acetylene and hydrogen hose,
 Oct. 7.

Sched. 2697, eastern yards, 9450 ft.
 unlined linen fire hose, and western
 yards, 13,500 ft. do, Oct. 7.

Sched. 2699, Mare Island and Puget
 Sound, 23,400 ft. wire rope, Oct. 14.

Sched. 2703, eastern and western
 yards, rubber lined fire hose, Oct. 7.

Sched. 2702, eastern and western
 yards, linseed oil, Oct. 14.

Sched. 2704, eastern & western yards,
 about 52,000 sq. yds. linoleum, Oct. 14.

Sched. 2708, Mare Island, 1 high
 power pure continuous wave tube
 transmitter, Oct. 21.

Schedule 2707, San Diego, 200 dozen
 corn brooms; Mare Island, 2000 doz. do;
 Puget Sound, 600 doz. do, Oct. 14.

Sched. 2711, Mare Island, 700 Safety
 treads, Oct. 21.

Sched. 2712, Mare Island, 396 straight
 ash oars, Oct. 21.

Sched. 2713, Mare Island, 9 motor
 driven sewing machines, Oct. 21.

Sched. 2714, South Brooklyn, 1500 fire
 extinguishers; Mare Island, 115 do,
 Oct. 21.

Sched. 2718, Puget Sound, 1 electric-
 ally driven hot and cold water pump,
 Oct. 7.

Sched. 2719, eastern and western
 yards, 19,600 galvanized buckets, Oct. 21

Sched. 2721, eastern and western
 yards, miscellaneous padlocks.

SAN FRANCISCO—Until noon Oct. 21
 sealed proposals will be received by
 Supervis. Supt Wm Arthur Newman 402
 Postoffice Bldg., San Francisco for the
 new tile floors and plumbing at the
 U. S. Marine Hospital at Fort Town-
 send. Plans obtainable from above of-
 fice.

PHOENIX, Ariz.—Until Oct. 10, bids
 will be rec. by Superintendent, Phoenix
 Indian School, to fur. 200 bbls. Port-
 land Cement and 800 sacks Portland
 cement.

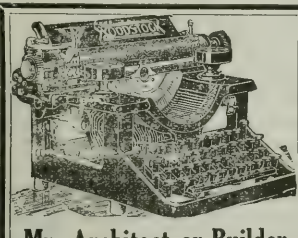
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SAN DIEGO, Cal.—Following bids received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5009, for extension to Nurses' Quarters at Naval Operating Base (Hospital), San Diego.

Item 1, entire work; 2, deduct for omission of the ceiling lighting fixtures in bedroom closets; 3, deduct for each sq. ft. of radiation furnished by the government; 4, telegraphic deduction on item 1.

Robt. E. McKee, 607 Commonwealth Bldg., San Diego, Cal., item 1, \$122,500; 2, \$195,300; 3, 4, \$7000.

R. E. Campbell, 302 E. Anaheim St., Long Beach, Cal., item 1, \$118,780; 2, deduct \$2000; 3, deduct 25c; 4, \$10,500.

Jarboe Constr. Co., 115 Broadway, San Diego, Cal., item 1, \$129,141; 2, \$330,335; 4, \$2400.

T. E. Stewart Constr. Co., 1004 Bank of Italy Bldg., Los Angeles, Cal., item 1, \$116,150; 2, \$500; 3, 50c; 4, \$1500.

M. Truppe & Son, 1467 J St., San Diego, Cal., item 1, \$140,000; 2, \$350; 3, 25c; 4, \$145,000.

Anton Johnson Co., 1007 S. Grana Ave., Los Angeles, Cal., item 1, \$118,000; 2, \$350; 3, 50c.

David Gordon Building & Concrete Co., Cincinnati, item, \$175,000.

HALLS AND SOCIETY BUILDINGS

Preliminary Plans Being Prepared.
HALL Cost, \$85,000

SALLINAS, Monterey Co., Cal.
One-story hollow tile memorial hall.
Owner—County of Monterey.

Architect—Thos. Smith & Edw. Glass, 525 Market St., S. F.

To Be Done By Day's Work.
CLAY HOUSE Cost, \$10,000

HAYWARDS, Alameda Co., Cal., Crow Canyon 3 miles from Hayward on East Bay Country Club Property.

One to 3-story frame and stucco club. Owner—Womens Country Club (Womens Club of the East Bay Country Club).

Architect—Miss Ida F. McCain, 701 Occidental Ave., San Mateo.

Construction on the first unit will be started immediately.

Commissioned To Prepare Plans.
HALL Cost, \$—

HANFORD, Kings Co., Cal.
American Legion Memorial hall.
Owner—County of Kings.

Architect—Swartz and Ryland, Rowell Bldg., Fresno, Cal.

Commissioned To Prepare Plans.
BUILDING Cost, \$14,000

LOS BANOS, Merced Co., Cal.
American Legion Memorial building.

Owner—Los Banos Post, American Legion.

Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

ANTIOCH, Contra Costa Co., Cal.—

As previously reported, bids will be received by J. H. Wells, county clerk, Oct. 20, 11 A. M., to erect American Legion Memorial Building at Antioch.

Davis-Heller-Pearce Co., Delta Bldg., Stockton, are the architects. Cert. check 10% payable to county clerk req.

See call for bids under official proposal section in this issue.

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Completing Plans.
CLUB BLDG. Cost, \$600,000

SAN FRANCISCO, S Post W of Powell.
Seven-story class B reinforced concrete club building.

Owner—National League for Women's Service.

Architect—Willis Polk & Co., Hobart Bldg., San Francisco.

Plans will be completed and ready for figures about the first of November.

Contract Awarded.
LODGE & STORE Cost, \$100,000

MODESTO, Stanislaus Co., Cal., 13th & Eye Sts.

Three-story and basement brick and concrete lodge and store (brick exterior).

Owner—Benevolent and Protective Order of Elks (Modesto Lodge, Geo. E. Elks Bldg., Modesto).

Architect & Contractor—Davis-Heller-Pearce, Inc., Delta Bldg., Stockton.

Plans will be complete in about 30 days.

HUNTINGTON BEACH, Orange Co., Cal.—

Woman's Club contemplates building new clubhouse. Mrs. Ethel Dunning is chairman of bldg comm.

VENICE, L. A. Co., Cal.—Shoremont Club, 313 Lincoln Bldg., Chas. A. Jones and Ted James, organization mngs., are having preliminary plans prepared for a class A club bldg. to be erected at Venice Reinf. conc. constr., 7-story and basement; the bldg. will contain 200 rooms, locker rooms, diningroom, clubrooms, large swimming pool, terraces, etc.; \$750,000.

LOS ANGELES, Cal.—Hulette C. Merritt, Pasadena, and J. A. Cornelius, 101 Canon Dr., Beverly Hills, assoc., have started work on a 100-acre estate subdivision in Merritt Manor in the hills n.e. of Beverly Hills, to include a club hotel, 20 studio bungalows, swimming pool, golf green.

LOS ANGELES, Cal.—Seaford Engr. Constr. Co., Pacific Finance Bldg., has been selected to construct the new class A lodge and club building to be erected at the southwest corner of 6th and Parkview Sts. for Los Angeles Lodge No. 39, E. F. O. Elks. Curlett & Beelman, 408 Union Bank Bldg., are the architects. The building will be 262x150 ft., the central portion being 12-story and basement; reinforced concrete construction, stucco and cast stone exterior, marble and tile work, hardwood trim, steam heating, elevators. Cost, \$1,500,000.

SAN RAPHAEL, Marin Co., Cal.—The following contracts have been awarded for the construction of a two-story steel and brick store, office and lodge building for the Masonic Hall Association of San Rafael, according to plans and specifications by Architect S. Heiman, 57 Post Street, San Francisco:

Carpenter and mill work to Smith Jackson, San Anselmo, \$26,740.

Brick and terra cotta to H. H. Larsen, Monadnock Bldg., S. F., \$7577.

Steel work to Moore Dry Dock Co., L. Adeline St., Oakland, \$5780.

Concrete work to Adam Arras, 135 Stevenson St., S. F., \$3670.

Plumbing to J. Camp Co., \$5418.

Reinforcing steel to Gunn Carle Co., 444 Market St., S. F., \$139.

Lathing and plastering to H. Liston, San Rafael, \$9841.

Painting to D. Zelinsky & Sons, 165 Grove St., S. F., \$3800.

Electrical work to Shipman & Lauer, 1318 Polk St., S. F., \$2200.

Marble to John E. Beck, 150 Jessie St., S. F., \$1275.

Tile work to Malott & Peterson, 351 12th St., Oakland, \$778.

Roofing to Malott & Peterson, \$998.

Composition flooring to Malott & Peterson, \$450.

Heating and ventilating to Atlas Heating Co., 557 4th St., S. F., \$4775.

Sheet metal work to Guilfoyle Cornice Works, 1234 Howard St., \$4183.

Metal sash to Truscon Steel Co., 709 Mission St., S. F., \$370.

Ornamental iron & grill to Keystone Ornamental & Bronze Co., 830 Howard St., S. F., \$175.

Glass and bars to W. P. Fuller Co., 301 Mission St., S. F., \$1530.

MADERA, Madera Co., Cal.—R. W. Brown, Madera, has contract at about \$685,000 for improvements at Aptos, Santa Cruz Co., for Shore Acres Country Club. Program calls for following: Clubhouse, \$350,000; dorm and lake, \$60,000; golf links, \$75,000; plunge, \$28,000; bachelor bldg., \$35,000; 10 6-room dwellings.

SANTA MONICA, L. A. Co., Cal.—Arch. Herbert C. Howard, 3422 Hermosa Ave., Hermosa Beach, has completed preliminary plans for a 7-story class A club bldg. to be erected on the block bounded by Pico Blvd., Appian Way, Vicente Terr. and the cement boardwalk, for the Edgewater Club, R. J. Connors, H. L. Lewis and V. L. Ferguson, Santa Monica; it will contain clubrooms, diningroom and kitchen, gymnasium, sleeping rooms and apartments, etc. Reinf. conc. and steel constr., 7-story and basement, press. brick and plaster facing, comp. rfg., elec. elevators, swimming pool 50x150 ft., steam htg. sys.; \$650,000.



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LOS ANGELES, Cal.—Until 3 p. m., Oct. 10, bids will be rec. by public service comm., 207 S Broadway, for bare and insulated wire and cable; spec. F-Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 24, bids will be rec. by public service comm., 207 S Broadway, for Diesel engine generating sets; spec. F31. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—City council will call bids shortly for sale of a \$7,000,000 block of the \$16,000,000 power bonds, for extensions and betterments.

LOS ANGELES, Cal.—Standard Underground Cable Co., City Natl. Bank Bldg., submitted low bid at \$1224.50 to bd. pub. wks. for office cable. Other bids: Sierra Electric Co., \$2603; Western Electric Co., \$2942.38; figures do not include reels.

PUBLIC BUILDINGS

Plans Being Prepared.
BUILDING Cost, \$175,000
RENO, Nevada, University of Nevada Campus.

Two-story and basement brick mathematics, chemistry and physics bldg
Owner—University of Nevada (Mackay Gift)
Architect—F. J. De Longchamps, Gazette Bldg., Reno, Nevada.

Plans To Be Figured Next Week.
FIRE HOUSE Cost, \$8000
BERKELEY, Spruce and Arch Sts.
One-story frame and stucco fire house.
Owner—City of Berkeley.
Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.

Plans To Be Figured Next Week.
FIREHOUSE Cost, \$8000
BERKELEY, Hillside School Site.
One-story frame and stucco firehouse.
Owner—City of Berkeley.
Architect—W. H. Ratcliff Jr., Merc. Bank Bldg., Berkeley.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 8, new bids will be rec. by the bd. of library directors for central library bldg. at 5th St. and Grand Ave., all bids recd. on Aug. 13 having been rejected. Plans and specifications may be obtained upon application to Carleton M. Winslow, archt., 921 Van Nuys Bldg.; deposit of \$75 being required. Bids will be taken for work complete. Appropriation is about \$1,500,000.

MONTREY PARK, Los Angeles Co., Cal.—City trustees propose calling bond election to vote on \$150,000 issue to be used as follows: Purchase of land, \$80,000; plunge and lockers, \$25,000; clubhouse, \$25,000; tennis courts, \$600; lawns, \$6000; playground, \$2000; tunnel under Garvey Ave., \$6000.

STOCKTON, San Joaquin Co., Cal.—At \$1458, D. E. Burgess, 601 California Street, Stockton, was awarded the contract by the Board of Supervisors of the County of Stockton to paint and finish exterior and interior trim, including plastered walls and ceilings of county detention home. Plans were prepared by Architect Ralph P. Morrell Union Bldg., Stockton. Other bids submitted are: McNeese & Krott, \$1585; Carl Hockholt, \$1790.

EUREKA, Humboldt Co., Cal.—American Bank Protection Co., at \$2950 awarded contract by supervisors to install burglar alarm system in County Treasurer's Office.

OAKLAND, Cal.—Until Oct. 20, 10 a. m., bids will be received by Geo. E. Grass, county clerk, to construct vault in County Treasurer's Office in Hall of Records Building, Henry H. Meyers, architect, Kohl Bldg., San Francisco. Bids are wanted for (1) reinforced concrete vault construction, etc.; (2) linings, doors, gates, etc. Cert. check 10% payable to county clerk reqd. Plans on file in office of clerk. See call for bids under official proposal section in this issue.

SONORA, Tuolumne Co., Cal.—Following bids received by supervisors to remodel heating plants of courthouse and two hospital buildings from wood to oil burning systems. Bids were: Asbestos Co. of California—Proposition 1, \$5699; 2, \$5134; 3, \$4925; 4, \$4673. O. Kurtz, San Francisco—Proposition 1, \$3378, 2, \$1835, 3, \$1500; 4, \$1274. M. Davidson, Sonora—Proposition 1, \$3855; 2, \$3900; 3, \$3621; 4, \$3569. L. R. Hanify, Sonora—Proposition 1, \$6569.95; 2, \$6112.95; 3, \$5836.95; 4, \$5761.95.

BAKERSFIELD, Kern Co., Cal.—Architect Chas. H. Biggar, Bank of Italy Bldg., Bakersfield, completes revised plans for proposed juvenile detention home to be erected at Kern General Hospital grounds and bids will be asked by supervisors at once. Est. cost, \$25,000. F. E. Smith is county clerk.

LOS ANGELES, Cal.—Dahlstrom Metallic Door Co., 918 Transportation Bldg., submitted low bid to county supervisors Sept. 29 at \$49,535 for condoo bases, etc., for new Hall of Justice N Broadway and Temple Sts. Other bids: Jamestown Metal Prod. Co., \$57,500; Emil Brown Co., \$76,200.

LOS ANGELES, Cal.—Dahlstrom Metallic Co., 918 Transportation Bldg., submitted low bid to county supervisors Sept. 29 at \$134,812 for metal doors and frames for new Hall of Justice N Broadway and Temple Sts. Other bids: Jamestown Metal Prod. Co., \$138,500; Waterhouse, Wilcox, Jacifco Co., \$143,391; Emil Brown Co., \$149,800.

RESIDENCES

Plans Complete.
RESIDENCE Cost, \$10,000
BERKELEY, 1326 Euclid Ave.
One-story frame residence.
Owner—S. Jorz, 1320-A Euclid Ave., Berkeley.
Contractor—S. Jorz.

Bids Under Advisement.
RESIDENCE Cost, \$12,000
PIEDMONT, Woodland Way.
Two-story frame and stucco residence.
Owner—V. Waldron.
Architect—Albert Farr, 68 Post St., San Francisco.

Segregated Figures To Be Taken This Week.

SAN FRANCISCO, Fair Oaks and 21st Street.
Two-story frame and stucco residence.
Owner—Mrs. Frank Johnson.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal., San Domingo St.

Two-story frame and stucco residence.
Owner—Peter A. Kinnoch, 136 Ronada St., Berkeley.
Architect—H. H. Guttererson, 526 Powell St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal., Euclid Avenue.

Two-story and basement frame and stucco residence.
Owner—Mrs. Chapman.
Architect—H. H. Guttererson, 526 Powell St., San Francisco.
Plans will be ready for figures in about three weeks.

Plans Complete.
RESIDENCES Cost, \$6000 each
SAN FRANCISCO, SE Lunado & Holladay Ave. and vicinity.

Five 2-story and basement frame residences.
Owner—C. S. Allred, 159 Liberty St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$29,250
OAKLAND, Alameda Co., Cal., Lakeshore Highlands Lots 20 and 21 Block 7.

Two-story frame and stucco residence.
Owner—M. and Elizabeth F. Benzema, Oakland.
Architect—Thos. F. Kent, 1122 Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$16,736
SAN FRANCISCO, N Green 85-6 E Taylor Street.
Two-story and basement frame double residence.
Owner—Jewel Schweitzer.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—J. Prout, 515 Magellan St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$10,000
OAKLAND, Trestle Glen Rd.
Two-story frame Dutch Colonial residence (6 rooms).
Owner—Leo Fenton, 208 41st St., Oakland.
Architect—Leonard N. Ford, 306 14th St., Oakland.

Contract Awarded.
BUNGALOW Cost, \$5000
BERKELEY, Alameda Co., Cal., College Avenue.
One-story yellow tile bungalow.
Owner—H. B. Fasmore.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.
Contractor—H. E. Johnson, 644 Woodland Ave., San Leandro.

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Plans Being Prepared.
COTTAGES Cost, \$12,000
OAKLAND, 81st Ave.
 To hollow the cottages for auto camp grounds.
 Owner—George Singleton.
 Architect—Leonard N. Ford, 306 14th St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$10,000
OAKLAND, 955 Grosvenor Road.
 Two-story 6-room frame residence.
 Owner—A. E. Glage.
 Designer—H. C. Brelin, 2817 Regent St., Berkeley.
 Contractor—MacDonald & Foreman, 1636 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$18,000
SAN FRANCISCO, Lot 2 Block 11 St. Francis Wood.
 Two-story and basement frame residence.
 Owner—W. F. Altwater, care contractor Architect—Rauman & Jose, 251 Kearny St., San Francisco.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, \$10,000
OAKLAND, N 61st St. 150 W Racine St.
 Two-story 12-room frame apartment building.
 Owner—D. E. Erickson, 1636 Franklin St., Oakland.
 Contractor—Cal. Builders, 1636 Franklin St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$11,500
OAKLAND, Lot 183 Map of Subdivision Sequoyah Hills.
 Eight-room frame residence and double garage.
 Owner—Marion H. & Martha D. Ezell, 9038 Thermal, Oakland.
 Contractor—Salve Matheson & Peter Peterson (American Bldg. Co.)

Contract Awarded.
RESIDENCES Cost, \$62,400
SAN FRANCISCO, W 48th Ave. S Lincoln Way and vicinity.
 Sixteen 1-story frame residences.
 Owner—Adolph G. Sutor, 119 Stanyan, San Francisco.
 Contractor—James Arnott & Son, 235 Granville Way, San Francisco.

Contract Awarded.
RESIDENCE Cost, \$11,000
BERKELEY, 2304 Roosevelt St.
 Two-story frame residence.
 Owner—N. McQuarrie, 2304 Roosevelt Berkeley.
 Architect & Contractor—Calif. Bldrs., 1636 Franklin St.

Contract Awarded.
RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal.
 Two-story and basement frame residence, garage, fountains, landscaping, etc.
 Owner—A. P. Parker.
 Architect—W. H. Ratcliff, Jr., Mercantile Bldg., Berkeley.
 Contractor—Connor & Connor, 1726 Grove St., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$10,000
STOCKTON, 2109 Beverly Place.
 Frame residence and garage.
 Owner—J. E. Lundy, 724 Baker, Stockton.
 Contractor—Davis-Heller-Pearce Co., Weber & Calif., Stockton.

Plans Being Prepared.
RESIDENCE Cost, \$15,000
SAN FRANCISCO, St. Francis Wood.
 Two-story and basement frame and stucco residence with tile roof (9 rooms 3 bedrooms and separate garage).
 Owner—Miss Ida F. McCain, 701 Occidental Ave., San Mateo.
 Architect—Miss Ida F. McCain, 701 Occidental Ave., San Mateo.
 Work will be done under the supervision of Miss McCain.

Plans Being Prepared—To Be Done By
 September 27, 1924

Day's Work.
BUNGALOW Cost, \$9000
SAN FRANCISCO, Ingleside Terrace.
 One-story frame and stucco bungalow (7 rooms).
 Owner—John R. Lindsay, 55 Alviso St., San Francisco.
 Architect—Miss Ida McCain, 701 Occidental Ave., San Mateo.

General Contract Awarded.
RESIDENCE Cost, \$33,000
PIEDMONT, Alameda Co., Cal. Wildwood Ave.
 Two-story frame and stucco residence with tile roof.
 Owner—H. G. Hills, 162 Nova Drive, Piedmont.
 Architect—Sidney B. Newsom, Nevada Bank Bldg., San Francisco.
General contract awarded to Emil Person, 2224 Rose St., Berkeley, at \$13,948.

Contract Awarded.
RESIDENCE Cost, \$26,774
ALAMEDA, Alameda Co., Cal., Sherman Street.
 Two-story and basement stucco Italian type residence (10 rooms and 4 baths).
 Owner—Mrs. S. J. Ackerman.
 Architect—W. E. Schirmer, Thayer Bldg., Oakland.
 Contractor—Fred J. Westlund, 357 12th St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$16,000
FRESNO, Fresno Co., Cal.
 Two-story frame and stucco residence.
 Owner—Herbert G. Miles.
 Architect—Swartz & Ryland, Rowell Bldg., Fresno.

Contracts Awarded.
RESIDENCE Cost, \$17,500
Piedmont, Alameda Co., Cal.
 Two-story frame and plaster residence.
 Owner—Dr. J. B. Schaffhirt, Bacon Bldg Oakland.
 Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
General contract awarded to Alto Mailanen, 5030 Dover St., Oakland, approx. \$8000.

Plans by A. C. Beamer.
 Other contracts will be awarded shortly.

Preliminary Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, Jackson and Octavia
 Two-story and basement frame and stucco residence.
 Owner—Samuel H. Levin, Chronicle Bldg., San Francisco.
 Architect—Bliss & Mcville, Bathou Bldg., San Francisco.

MONTECITO, Los Angeles Co., Cal.—
 Archt. Carleton M. Winslow, 321 Van Nuys Bldg., is completing plans for a 29-room, Italian residence to be erected at Montecito for W. P. Nelson. It will be of masonry constr., 2-story and basement, plaster ext., tile rifg. gas furnace hfg. sys., 5 tiled baths, hardwood fls., stone and marble mantels, hardwood trim.

GLENDALE, L. A. Co., Cal.—
 Sawyer & Bolen, 211 W Broadway, Glendale, have general contract for 2-story 10-room Spanish type residence at 249 Vallejo Dr., Glendale, for H. B. Howeth, 329 N Orange St., Glendale, secy. of Simons Brick Co., Harry Betz of Glendale has contract for brick wks; part 1-story and part 2-sto., brick walls with plaster exterior trim, hardwood fls., tile mantel, 2 tile baths, gas hfg. sys., auto. water heater; \$25,000.

BEVERLY HILLS, L. A. Co., Cal.—
 Archt. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, is preparing plans for a 2-story 12-room, frame Spanish style bldg. to be erected on Parke Dr., Higgins Canyon, Beverly Hills, for Leland P. Reeder. Stucco ext., tile rf., hardwood fls., stone mantels, 4 tile baths, unit heating, 3-car garage, retaining walls.

LOS ANGELES, Cal.—
 F. Sward, 3869 N. 6th St., has prepared plans for two dwellings to be built in Hollywoodland by Singrey Constr. Co., 3689 W. 6th St., for itself. They will contain 8 and 10 rooms, each with 3 baths. Plaster exterior, shingle roofs, hardwood trim and floors, tiled baths, unit heating. Cost, \$25,000 each. Work to be started next week.

SOUTH PASADENA, Los Angeles Co., Cal.—
 Architect A. C. Zimmerman, 838 H. W. Hellman Bldg., is completing plans for a 7-room English style residence, to be erected on Spruce St., So. Pasadena, for J. A. Austin. Frame construction, 1-story, plaster exterior, shake roofing, hardwood floors, plate stone bath, hardwood and pine trim, cast stone mantel, gas steam rad., aut. water heater.

SANTA BARBARA, Santa Barbara Co., Cal.—
 Architects Somervell & Putnam, 706 Hibernian Bldg., have completed plans for a 12-room residence, to be erected at Santa Barbara, for Mrs. Louis G. Dreyfus. Hollow tile walls, 2-story and basement, tile roofing, plaster exterior, Martin-Oliver electric heating system, hardwood floors, stone mantel, metal bath, 5 tiled baths, water softener, hardwood trim, tile patio, hall and entrance, garage in basement. Alexander MacKellar, Santa Barbara will have charge of construction which will be done by day labor and sub-contract.

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SCHOOLS

Plans Being Prepared.
SCHOOL Cost, \$125,000
GALT, Sacramento Co., Cal.
 One-story brick and concrete high school (plaster exterior, 16 rooms and auditorium, 700 seating capacity).

Owner—Galt Joint Union High School District.

Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Plans Being Prepared. Cost, \$5000
UKIAH, Mendocino Co., Cal.
 Two-room frame elementary school building.

Owner—Signal Hill School District.
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Preliminary Plans Being Prepared.
AUDITORIUM Cost, \$70,000
TURLOCK, Stanislaus Co., Cal.
 Two-story brick auditorium.

Owner—Turlock Union High School District.

Architect—W. H. Weeks, 369 Pine St., San Francisco, and Tribune Tower, Oakland.

Working Drawings Being Prepared.
GYMNASIUM Cost, \$450,000
BERKELEY, Alameda Co., Cal. University Campus.

Three-story reinforced concrete and terra cotta women's gymnasium (Mrs. Phoebe Hearst Memorial).
 Owner—Regents of the University of California (Donation by Wm. R. Hearst).

Architect—Bernard R. Maybeck and Miss Julia Morgan, Merchants' Exchange Bldg., San Francisco.

Plans call for a structure of three connecting units. Construction will be started in about three months.

Plans Being Prepared. Cost, \$2000
SHERWOOD, Mendocino Co., Cal.
 One-room frame grammar school bldg.
 Owner—Sherwood School District.
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Preliminary Plans Being Prepared.
SCHOOL Cost, \$50,000
ROSEVILLE, Placer Co., Cal.
 One-story reinforced concrete elementary school building.

Owner—Roseville Elementary School District.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Preliminary Plans Being Prepared.
SCHOOL BLDG. Cost, \$75,000
ARCATA, Humboldt Co., Cal.
 One-story reinforced concrete elementary school building.
 Owner—Arcata Grammar School Dist.
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$18,000
HILLSBOROUGH, San Mateo Co., Cal.
 Hillsborough Heights.

Two-story frame and stucco residence.
 Owner—Dr. Allen Benner, San Mateo.

Architect—H. H. Gutterston, 526 Powell St., San Francisco.
 Contractor—Geo. Williams, 830 Hyde St., San Francisco.

LOS ANGELES, Cal.—Archts. Ruoff & Munson, 1104 Story Bldg., are preparing plans for a grammar school bldg. to be erected at the Vernon Ave. school site, Vernon and Compton Aves. for the bd. of educ. Brick walls, 2-sto., plas. exter., comp. rfg., art stone trim, maple fls., conc. corridor and stair constr., slate blackboards, pine trim; \$84,000.

LOS GATOS, Santa Clara Co., Cal.—Until October 15th at 8 o'clock P. M. bids will be received by the Clerk of the Board of Trustees of the Los Gatos Union High School District for the construction of a one-story frame and stucco gymnasium building costing approximately \$25,000. Plans for same were prepared by Archt. W. H. Weeks, 369 Pine Street San Francisco.

LOS ANGELES, Cal.—Archt. T. Beverly Keim, 716 Haas Bldg., is preparing plans for a school bldg. to be erected at the Albion school site on Avenue 19, for the bd of educ.; it will have offices, 9 classrooms, and auditorium to seat about 250 people. Brick walls, 2-story and basement, comp. rfg., plaster exterior, 60x184 ft. cem. and maple fls., reinf. conc. corridor and stair constr., pine trim; \$84,000.

INGLEWOOD, L. A. Co., Cal.—Until 8 p. m., Sept. 30, new bids will be rec. by Bd. of Trustees of Inglewood Union High School Dist. for erecting a 2-story and basement brick Fine Arts bldg. on Inglewood Union High School campus in accordance with plans and spec. by Archt. G. A. Howard, Jr. Separate bids will be taken on general contract, plumbing, painting, elec. wiring, hardware, programme clocks, intercommunicating telephones, roofing, plastering, blackboards, heating and ventilating, etc. Cert. check or bid bond for 10% Deposit of \$10 for plans to be refunded. B. K. Richardson, acting clerk.

SAN FRANCISCO—Mahony Bros., Flood Bldg., general contractors for High School of Commerce addition in Fell St. near Van Ness Ave., have awarded following sub-contracts in connection with the work which have been approved by the Board of Public Works: metal lockers, Durand Steel Locker Co.; miscellaneous iron work, Fair Mfg. Co.; linoleum, Bonded Floor Co.; cork and rubber tile floor, Bonded Floor Co.; pinning strips cork, Bonded Floor Co.; bulletin boards, Bonded Floor Co.; plastering, Peter Bradley.

LONG BEACH, Los Angeles Co., Cal.—Until 8 P. M., Oct. 18, bids will be received by Board of Education of Long Beach City High School District for part time high school building at 920 E. 17 St., Long Beach. Plans and specifications by Architect H. L. Gogerty, G. A. Roafe, associate, 413 Marine Bank Bldg., Long Beach. Separate bids will be received for general electrical and heating and ventilating. Cash or cert. check or bond, 5%. Deposit of \$10 for plans to be refunded. A. C. Price, secretary, 429 Markwell Bldg., Long Beach.

PRATT'S CONCRETE MIX

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WHILE SANDY PRATT
 SPENT HIS vacation,
 DOWN IN Tulare,
 WHILE SANDY, producer,
 OF SAND, rock and gravel,
 WAS BORN.
 SANDY WENT dove hunting
 AND MOST of the birds,
 WERE TOO wise,
 FOR THE crushed rock producer,
 AND WHEN SANDY,
 FIRED THE gun,
 MR. DOVE flew away.
 AS HAPPY,
 AS A boy,
 WITH HIS first long pants,
 AND SANDY carried,
 BACK TO San Francisco,
 JUST A few birds,
 BUT EACH one,
 COST \$15.00 per bird.
 SO IT IS,
 WITH THE duck hunters,
 NOW SHOOTING.
 NEAR SANDY'S sand plants,
 AT MARYSVILLE and Sacramento,
 EVERY DUCK is the equal,
 OF A \$20.00 bill,
 AND LAST summer,
 JACK LONG, District Salesman,
 FOR SACRAMENTO,
 AND SUPERIOR California,
 TOOK SANDY'S brother-in-law

ON A fishing trip.
 OVER 1000 miles.
 UP THE American River,
 ABOVE PRATTTROCK (near Folsom)
 HOME OF Sandy's rock plant.
 AND JACK Long claims,
 THEY CAUGHT 10 fish,
 IN TWO days.
 BUT THE cost,
 WAS \$3.65 per fish.
 "I THANK you."



This hunting scene near Marysville home of the Pratt Building Material Co.'s (Dougherty 300 "easy to remember" Marysville sand plant on the Yuba River, shows, in a small way, how "costs" are running up on hunting.

FRESNO, Fresno Co., Cal.—Until Oct. 11, 8 P. M. bids will be received by L. J. Smith, Secretary, Board of Education, 1000 N. Turquoise St., to furnish one or more portable schools. Cert. check 10% payable to President of Bd. of Educ. req. Further information obtainable from secretary.

LONG BEACH, L. A. Co., Cal.—Until 8 p. m. Oct. 13, bids will be rec. by A. C. Price, secy. bd. of ed. rm. 436, Markwold Bldg., Long Beach, for the new \$175,000 unit at Jefferson Jr. High School, Long Beach, Allison & Allison, Hillerman Bldg., Los Angeles, and Wykoup & Law, Kress Bldg., Long Beach, assoc. archts. and engs.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 22, 7:30 P. M. bids will be received by Ansel S. Williams, Sec'y., Board of Education, San Joaquin and Lindsay Sts., to both and plaster Burbank School, Chas. H. Young, architect, 725 N. Eldorado St., Stockton. Cert. check 10% req. with bid. Plans obtainable from architect and on file in office of Board of Education.

LEMOORE, Kings Co., Cal.—The following bids were received, September 24th by the general contract in connection with the construction of a reinforced concrete gymnasium and shop buildings from plans prepared by Architect W. H. Weeks, 369 Pine St., San Francisco and Tribune Tower, Oakland. A complete list of the bids will be given later.

Shop and Gymnasium Building
Kinchman and Walker \$2,200
W. J. Ochsm, Fresno 78,600
West Coast Constr. Co., S. F. 36,500
R. W. Moller, San Francisco 87,248
J. F. Brown, Hanford 92,350

Shop Building
E. F. Wallstrom, Turlock 27,520
A. C. Neal, Lemoore 28,500
E. H. Miller Constr. Co., Fresno 30,500
All bids were taken under advisement.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 13, 8 P. M. bids will be rec. by Sara N. Hatch, Sec'y., Board of Education, to fur. and install school furniture in high school. W. H. Weeks, 369 Pine St., San Francisco, Architect. See call for bids under official proposal section in this issue.

SAN JUAN, San Benito Co., Cal.—Until Oct. 11, 8 P. M. bids will be received by Clarence Cagney, Clerk, San Juan School District, to erect 1-room school, 25x30 ft., frame and stucco construction. Cert. check 10% payable to clerk required. Plans obtainable from clerk.

FRESNO, Fresno Co., Cal.—Bd. of Ed. is investigating sites in vicinity of Fruit and McKinley Aves. for new elementary school location.

LOS ANGELES, Cal.—A. C. Zimmerman, 838 H. W. Hollman Bldg., is completing plans for a grammar school bldg., to be erected at the Miramonte school site on Florence Ave., bet. Central Ave. and Compton Blvd., for the bd. of educ. Brick walls, reinf. conc. corridor and stair constr., 2-story, tile rfg., maple fls., select com. br. facing, add. to present steam htg. sys.; \$70,000.

MODesto, Stanislaus Co., Cal.—Modesto Junior College District contemplating erection of dormitory building, 1 C. Hill, professor at the college, has recommended the improvement.

MOUNT EDEN, Santa Clara Co., Cal.—The following bids were received by the Board of Trustees of the Mount Eden Grammar School District for the construction of a one-story frame and stucco grammar school according to plans and specifications by Architects Wolfe & Higgins, Auzerals Bldg., San Jose:

General Contract
Sorensen Bros., 1110 C St.
Hayward (to be awarded) \$34,250
E. Nommensen 34,832
F. W. Morrice 36,770
Deola & Weldon 36,980
Jno. E. Branagh 37,500
Assmussen & Son 37,564
John Carlson 37,584
Benjamin A. Oulmet 38,585
R. O. Summers 39,455
E. H. Leiter 39,887

Heating
W. R. Douglas, Oakland (to be awarded) \$3616
Frank J. Edwards 3733
Scott Co. 3980
F. S. Studer 3984
Merritt & Collaire 4364

Electrical Work
Guilbert Bros., 224 W. Sta. Clara St., San Jose, heating, \$3124; lights, \$505; to be awarded.
Roy M. Butcher, heating, \$2595; lights, \$580.
Frank Electric Co., (combination bid) \$454.

The above contracts will be signed within the next day or two.

BANKS, STORES & OFFICES

Sub-Contracts Awarded. Cost, \$40,000
ALTERATIONS
SAN FRANCISCO, 621 Market St.
Alterations to brick store building.
Owner—John C. Erickell Co.
Lessee—Fign Whistle Co. Consolidated
Architect—Alfred N. Jacobs, French Bank Bldg., San Francisco.
Contractor—Michael & Borner, 762 De Haro St., S. F.
Mill Work to L. & E. Emanuel, Inc., 2665 Jones St., S. F.
Plumbing to Antone Lettich, 3600 Fell St., S. F.

Plans Being Prepared.
STORE BLDG. Cost, \$35,000
BURLINGAME, Primrose Rd. Burlingame Ave.
One-story frame and stucco store bldg (8 stores).
Owner—George Roos, Market & Stockton Sts., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.

Sketches Being Prepared.
STORE BLDG. Cost, \$15,000
SAN RAFAEL, 4th bet. C and D Sts.
One-story brick store building.
Owner—R. Magnes.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Complete.
BANK BLDG. Cost, \$8000
NEWARK, Alameda Co., Cal.
One-story yplaster and frame mission style bank building.
Owner—State Bank of San Leandro.
Architect—Hermann Safe Co.

Plans Being Prepared.
STORE BLDG. Cost, \$25,000
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete store building (5 stores).
Owner—W. H. Weeks.
Architect—Wm. H. Weeks, 369 Pine St., San Francisco.

Contract Awarded.
STORE BLDG. Cost approx. \$110,000
SALINAS, Monterey Co., Cal.
Two-story reinforced concrete department store.
Owner—Farmers Mercantile Association, Salinas.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—West Coast Constr. Co., 519 California St., San Francisco.

Sub Figures Being Taken.
ADDITION Cost, \$60,000
SAN FRANCISCO, Sansome and California.
Additional story to reinforced concrete office building.
Owner—Firemans Fund Ins. Co., Sansome and California Sts., S. F.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.

Preliminary Plans Being Prepared.
OFFICE BLDG. Cost, \$35,000
SAN FRANCISCO, Ocean Ave. & Watson Street.
Brick branch post office building.
Owner—Louis R. Lurie Co.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Lessees—United States Government.

Sub-Contracts Awarded. Cost, \$—
BANK BLDG. SE Twenty-third and Mission Streets.
One-story reinforced concrete bank building, 35x90.
Owner—Liberty Bank, 948 Market St., San Francisco.
Architect—H. A. Minton, Monachnock Bldg., San Francisco.
Contractor—J. J. Martinelli, Call Bldg., San Francisco.
Reinforcing Steel to Wetenhall.
Plumbing to Alhbach & Mayer, 85 Dorland St.
Electric Work to Crown Elec. Co., 153 Eddy St.

Sub-Figures Being Taken By Contractor.
STORE AND LOFT Cost, \$90,000
OAKLAND, Alameda Co., Cal. W. Telegraph Ave. 105 N. Sixteenth St.
Six-story concrete store and loft building.
Owner—D. J. Sullivan, 918 Harrison St., San Francisco.
Architect—J. J. Donovan, Tapscott Bldg., Oakland.
Contractor—Barrett & Hilp, 357 12th St., Oakland.
Contract Awarded.
STORE & OFFICE Cost, \$18,000
OAKLAND, E Franklin St. 46 N 17th Street.
Two-story concrete store and office building.
Owner—R. W. Kittrelle, 17th & Franklin St., Oakland.
Contractor—M. P. Brasch, 392 17th St., Oakland.



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(Patent applied for)

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Plans Being Figured.
OFFICE & STORE Cost, \$200,000
OAKLAND, Alameda Co., Cal., 13th and Franklin Sts.
 Five-story class C brick office and store building.
 Owner—Yerxe & Steves Inc., 1555 San Pablo Ave., Oakland.
 Architect—The H. H. Winner Co., Sharon Bldg., San Francisco.
 Figures are being taken for a general contract.
Structural steel awarded to Herick Iron Works, 18th and Campbell Sts. Oakland at approx. \$18,000.
 This structure was formerly planned for Carl Raenisch and was taken over by Yerxe & Steves Inc.

Figures To Be Called For In About a Week.
BUILDING Cost, \$25,000
REDWOOD CITY, San Mateo Co., Cal. fronting on Main, Heller and Maple Streets.
 One-story reinforced concrete auto sales, machine shop, stores, and offices (site 11023638).

Owner—Dessin Bros., Main and Donnelly Sts., Burlingame.
 Architect—Kuhn & Edwards, 833 Market St., San Francisco.

Preliminary Plans Being Prepared.
BUILDING Cost, \$—
SAN FRANCISCO, N Mission E of 5th. 10-story class A building (150x160).
 Owner—The Emporium.
 Architect & Mgr. of Constr.—M. Bruce, Flood Bldg., San Francisco.
 NOTE—The brick hotel bldg. situated on the above site will be moved across the street.

Contract Awarded.
STORE BLDG. Cost, \$20,000
OAKLAND, Perry & Grand Aves. 1-sto. brick store building.
 Owner—E. McHenry.
 Architect—Leonard H. Ford, 306 14th St., Oakland.
 Contractor—Fred Muller, Syndicate Bldg., Oakland.

Working Drawing Being Prepared.
STORE BLDG. Cost, \$50,000
BURLINGAME, Primrose Rd. and Burlingame Ave.
 One-story and mezz. class C store bldg.
 Owner—Levy Bros.
 Architect—E. L. Norberg, 593 Market St., San Francisco.

Contracts Awarded.
ADDITION Cost, \$30,000
SAN FRANCISCO, 6 Kearny Street.
 Addition of mezzanine floor and extension of basement and sub-basement space and additional space on first floor now occupied by Chronicle office to cafeteria.

Owner—Compton's Cafeteria.
 Architect—Leo J. Devlin, Pacific Bldg. San Francisco.
 Contractor—Daniel Neill, 273 Minna, San Francisco.
 Other contracts awarded are: tile, heating, ventilating and plumbing to Scott Co., 243 Minna St.; steel to Pacific Structural Iron Co., 370 10th St.

Contract Awarded.
STORE BLDG. Cost, \$10,000
LOMITA PARK, San Mateo Co., Cal.
 One-story frame and stucco store bldg.
 Owner—Carl Onorato.
 Architect—Miss Ida F. McCain, 701 Occidental Ave., San Mateo.
 Contractor—John R. Lindsay, 55 Alviso San Francisco.

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EXPERT POWDER WORK
 Trees Trimmed or Removed
 Equipped with Stump Pullers
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Bids Being Taken For Grading and Excavating.
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO, N Post street 160-10 W Powell St.
 Ten-story and basement Class A office and loft building.
 Owner—Selah Chamberlain, Mills Bldg. San Francisco.
 Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
 As previously reported.

Structural steel awarded to California Steel Co., Hobart Bldg., San Francisco, at approximately \$25,000.
 Bids on other portions of the work will be taken shortly by Mr. John W. Proctor, Mills Bldg.

Preliminary Plans Being Prepared.
BUILDING Cost, \$44,000
SAN FRANCISCO, N side of Mission St., near 4th St.
 Six-story reinforced concrete class B building.
 Owner—The Bulletin, 767 Market St., San Francisco.
 Architect—Ashley & Evers, 58 Sutter St., S. F.

Contract Awarded.
MARKET Cost, \$10,000
SAN FRANCISCO, S Geary 80 W 20th Avenue.
 One-story and mezzanine floor concrete market.
 Owner—Vincent Onorato, 1732 Balboa St., San Francisco.
 Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Preliminary Plans Being Prepared.
STORE BLDG. Cost, \$20,000
SAN FRANCISCO, W Mission St. 80 ft. S of 20th.
 One-story concrete store building.
 Owner—Roy Van Vliet, Albert Meyer and William Woodfield Jr.
 Architect—S. Heiman, 57 Post St., S. F.
 The three-story frame building on the lot 35 feet by 90, is to be wrecked, it is stated.

Plans Being Figured—Bids Close Oct. 14, 9 A. M.
FIREHOUSE Cost, \$—
BERKELEY, Alameda Co., Cal. Arch St. near Spruce St.
 One-story frame and stucco firehouse.
 Owner—City of Berkeley, E. M. Hann, City Clerk.
 Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
 Cert. check 10% payable to city required. Plans obtainable from architect on deposit of \$10, returnable.

LOS ANGELES, Cal.—Robert E. Mill-sap, 423 Marsh-Strong Bldg., has been awarded the gen. contr. at \$34,865 for erecting a 2-story class C store and shop bldg. at n.w. cor. of 7th and Carondelet Sts., for Vernon Goodwin. Morgan, Walls & Clements, 1124 Van Nuys Bldg., archts. Dimen. 60x122 ft., brick walls, stucco & cast stone fronts, plate glass windows, copper sash, tile and comp. rfg., steel sash, metal skylights, pine trim, ornam. iron.

LONG BEACH, L. A. Co., Cal.—Stanton, Reed & Hibbard, Metropolis Bldg., Los Angeles, have prepared plans and have the contract to erect a class A office and store bldg., at s.e. cor. 1st St. and Locust Ave., Long Beach, for R. D. Marshall, 238 W 1st St., Long Beach and A. H. Kent; it will have 10 stores and lobby on first fl. and offices on upper fls. Reinf. conc. constr., 6-story and basement, 75x150 ft., press. brick ext., facing, comp. rfg., plate glass, cement, terrazzo and pine fls., steam hgt. sys., tile and marble work, metal lath, storage water htr., pine trim, 2 elec. elevators; \$450,000.

Plans To Be Figured Next Week.
STORES & OFFICES Cost, \$50,000
SAN MATEO, San Mateo Co., Cal., B St. bet. 3rd and 4th Sts.
 Two-story reinforced concrete and hollow tile stores and offices 110x100 feet.
 Owner—Loewe and Zwierlein, 168 B St. San Mateo.
 Architect—Will H. Toepke, Call Bldg., San Francisco.

SANTA MONICA, Los Angeles Co., Cal.—Western States Constr. Co., 726 Santa Monica Blvd., Santa Monica, has the contract to erect an office and store building at the corner of 10th St. and Santa Monica Blvd., Santa Monica, for Frank A. Bode, Pasadena. It will have 5 stores and banking space on first floor, 10 offices above. There will be an 8-story section reinforced concrete, 46x46 ft. and 3-story Class C section, 100x100 ft., brick and reinforced concrete construction, pressed brick and terra cotta facing, tile roofing, electric elevator, tile and marble work, basement, mahogany trim, hardwood and terrazzo floors, steam heating system, ornamental iron work, refig., and filtered water system, travertine stone and ornamental plaster work. Cost, \$200,000. Plans by Frank H. Webster, 6427 Hollywood Blvd., Los Angeles.

OAKLAND, Cal.—Thos. Carney, 1970 Broadway, Oakland, purchased 117 ft. on Grand Avenue, giving him the ownership of the entire block between Broadway and Webster St., Twenty-third St. and Grand Ave. with the exception of the corner owner by the Bank of Italy. Mr. Carney plans the erection of a ten-story class "A" arcade building in the near future.

LOS ANGELES, Cal.—Robert E. Mill-sap, 423 Marsh-Strong Bldg., has been awarded the gen. contr. at \$181,990 for erecting a 12-story and basement class A store, office and loft bldg. at 139 N Broadway, for M. Lombard and Chas. Pico. Edward Cray Taylor, archt., Ellis Wing Taylor, engr., 713 W 8th Street. Dimen. 45x100 ft., reinf. conc. constr., pressed brick and terra cotta facing, plate glass, comp. rfg., 2 elec. elevators, steel sash, pine and hardwood trim, sidewalk elevator, steam hgt.

LOS ANGELES, Cal.—Archit. and Engr. Starrett & Payne, 426 Western Mutual Life Bldg., have completed plans and are taking segregated bids for remodeling a 5-story class A loft bldg. at s.e. cor. 7th and Los Angeles Sts., for M. J. Connell. Bids will be received on the following work: Electric wiring, plumbing, tile work, plastering, reinf. conc. work, sheet metal copper store fronts, and plate glass. Olds Elevator Co., 300 E 8th St., has the contract for replacing elevators.

SANTA MONICA, L. A. Co., Cal.—Singrey Constr. Co., 3869 W 6th St., Los Angeles, has contr. at about \$80,000 for part 1 and part 2-story brick market bldg. on 4th St., bet. Broadway and Santa Monica Blvd., Santa Monica, for J. Thuroson. Plans by F. Sward, 3869 W 6th St., Los Angeles; 100x120 ft., plas. ext., comp. rf., steel work.

THEATRES

Contract Awarded.
THEATRE Cost, \$69,550
SAN FRANCISCO, N Jackson 107-11 W Kearny.
 Class A theatre building.
 Owner—Ying Wee Lun Hop Theatrical Co., 801 Grant Ave., S. F.
 Architect—N. W. Moore, 320 California St., San Francisco.
 Contractor—H. L. Peterson, 35 Montgomery St., San Francisco.

NIGHT SCHOOL PIERSON'S COACHING SCHOOL

1141 Market Street, San Francisco, Cal. Phone Park 5208
SPECIAL EVENING COURSES IN TECHNICAL SUBJECTS
 Practical mathematics; drawing; estimating; use of slide-rule; analysis of beams, trusses and columns; etc.
 Intensive individual instruction under highly trained, experienced teachers.

Completing Plans.

ALTERATIONS. Cost, \$100,000
SAN FRANCISCO. 70 Eddy St.
Manager. J. A. Gottlieb.
Designer. Mr. Lee, 70 Eddy.

Sketches Being Prepared.

THEATRE. Cost, \$—
OAKLAND. 19th Ave. and Park Bldg.
Fireproof theatre building.
Owner.—Mr. Blumenfeld.
Architect.—Reld Bros., 105 Montgomery Street.

Plans Being Completed.

THEATRE BLDG. Cost, \$175,000
OAKLAND. Grand, Lakeside & Walker Avenues.

Two-story class A theatre building
 (1800 seating capacity).
OWNER.—A. C. KATSKY and LOUIS KATSKY.

Architect.—Reld Bros., 105 Montgomery St., San Francisco.

Contractors Taking Sub-Figures —
Plumbing & Electrical Contracts
Awarded.

THEATRE BLDG. Cost, \$—
PALO ALTO. Santa Clara Co., Cal.
 University Ave. and Ramona. 1-sto
 reinforced conc. class B theatre
 building.

Owner. Palo Alto Theatre Co., (Ellis J.
 Arkush, Mgr.)

Architect.—Weeks and Day, 315 Mont-
 gomery, San Francisco.

Contractor.—Barrett & Hilp, 918 Harrison
 St., San Francisco.

The architects have awarded the
 electrical work to H. S. Tittle, 85 Co-
 lumbia Sq., S. F. and the plumbing
 work to Wm. J. Forster Co., 355 4th
 St., S. F.

Bids for painting will be taken by
 architects later.

MONTEREY PARK L. A. Co.—Wilson
 Merrill & Wilson, 123 S Vermont Ave.,
 Los Angeles, are preparing plans for
 a class C theater and store bldg. to
 be erected at Monterey Park, for Howe &
 Merrill; it will have a seating capacity
 of 1600 seats and there will be 2 stores
 and 2 office suites. Brick walls, 2-sto.,
 3x12 ft. plaster ext., comp. fig.,
 metal skylights, art stone trim, plate
 glass, cement, tile and hardw fls.,
 mosaic work, marble, Summerbell roof
 trusses, gas hgt., vtg. sys., pine trim;
 \$90,000. Bldg. will be erected by day
 labor and sub-contract under the su-
 pervision of H. G. Butterfield, 1208 S
 Wilson St., Alhambra.

LOS ANGELES. Cal.—Llewellyn Iron
 Works, 1200 N Main St., has the con-
 tract for furnishing 1250 tons of struc.
 steel for a class A 13-story theatre
 and office bldg., to be erected at 838
 S Broadway, for the Broadway Prop-
 erties Co., G. Albert Lidsburgh, 700 Jun-
 ior Orpheum Bldg., archt.

PETALUMA. Sonoma Co., Cal.—Vog-
 enson, Constr. Co., Petaluma, general
 contractor, for remodeling the Hill
 Opera House for the T. and D. Jr., en-
 terprises, has awarded the following
 sub-contract in connection with the
 work: E. Cavation, S. E. Adams; cem-
 ent work, Schlunger Bros.; brick
 work, W. L. Carr; lumber, Cavanagh
 Lumber Co.; mill work, Camm &
 Hedges Co.; roofing, C. F. Richardson;
 heavy hardware, A. F. Tomasini; sheet
 metal work, Arthur D. Maggiorio;
 plastering, Baccala & Pedeprade; struc-
 tural steel, Shrader Iron Wks; plumb-
 ing, Rex Mercantile Co.; glass and
 glazing, Cobbledick, Wiebke Co., Oak-
 land; ornamental iron and fire escapes,
 Michel & Pfeffer, San Francisco; stair-
 work, Frank Phillips, San Francisco.
 Mark T. Jorgensen, 119 Sutter St.,
 San Francisco, is the architect.

GLENDALE. L. A. Co., Cal.—Arch-
 t. Kenneth A. Gordon, 200 E Colorado St.,
 Pasadena, is preparing plans for a 2-
 story class C store, theatre and office
 bldg. to be erected on Colorado St. nr.
 s.w. cor. Adams St., Glendale, by J. H.
 Woodward & Son, 200 E Colorado St.,
 Pasadena, for M. G. Khodjani, 1022 E
 Colorado St., Glendale, Found., 1923-24,
 fl., 900-seat theater, 4 stores, 12 of-
 fices, brick walls, stucco ext., steel
 trusses, stone trim, iron balconies,
 comp. rf.

SAN FRANCISCO.—Ackerman & Har-
 ris, Phelan Building, have lately pur-
 chased a building site at Market and
 Van Ness Ave. and plan the early con-
 struction of a theatre building with a
 seating capacity of about 4000. The
 cost of the structure will be approxi-
 mately \$1,000,000.

MERCED. Merced Co., Cal.—Golden
 State Theatre Corp., Robt. McNeil, op-
 erator of the Merced Theatre, pres-
 ident, contemplates the erection of a
 modern theatre building in Merced.
 Seating capacity proposed is 1000.

WHARVES AND DOCKS

LOS ANGELES. Cal.—Until 2 p. m.,
 Oct. 20, bids will be rec. by county su-
 pervisors for 120 40-ft., 4 30-ft. and 4
 27-ft. crescent piles for flood control
 work. Spec. on file at office of board.

PORTLAND. Ore.—A. Guthrie & Co.,
 Inc., Sherlock Bldg., Portland, at ap-
 prox. \$400,000 awarded contract by O.
 W. R. and N. Railroad to const.
 steamship terminal replacing Alsa-
 worth dock on west side of Willamette
 river; will be frame and corrugated
 iron construction, averaging around
 100 ft. in width and extending along
 water front 900 ft. Sam Murray, chief
 engineer for R. R.

RICHMOND. Contra Costa Co., Cal.—
 Bids have been ordered called by
 city council to construct fender line at
 Municipal Wharf; est. cost, \$14,000.
 Bids will probably be opened Oct. 14.
 Plans on file in office of A. C. Paris,
 city clerk.

**MISCELLANEOUS BUILDING
 CONSTRUCTION**

PASADENA. L. A. Co., Cal.—Arch-
 t. and Engr. Starrett & Payne, 426 West-
 ern Mutual Life Bldg., have completed
 plans for the first unit of a mausoleum
 to be erected on N Raymond Ave. for
 the Pasadena Mausoleum Co., 767 E
 Colorado St., Pasadena. Geo. D. Finkell,
 mgr. Dimen, 208x57 ft., with 2 wings
 40 ft. wide, reing cons. constr., art
 stone front, tile inter., comp. fig., mo-
 saic fls., bronze doors and grilles, art
 glass windows and skylights; \$150,000.
 Work will start immediately by day
 labor.

HELM. Fresno Co., Cal.—See "Irriga-
 tion Projects," this issue. Bids wanted.

LOS ANGELES Co., Cal.—Union Pacific
 Railroad has received authorization
 from State Railroad Commission as to
 location of tracks in the harbor dis-
 trict and will start plans soon for
 erection of a new freight depot and a
 passenger station. Program calls for
 freight depots at Wilmington, Ter-
 minal Island and Long Beach, and a
 passenger station at Long Beach.
 Work will probably not be started until
 after Jan. 1, 1925.

STOCKTON. San Joaquin Co., Cal.—
 Supervisors will place \$200,000 bond
 proposition on ballot at November elec-
 tion to finance construction of addi-
 tional buildings at county fair grounds.
 Eugene Graham, county clerk.

FRESNO. Cal.—H. E. Patterson, Man-
 ager of the Speedway Association of
 Fresno announces that reconstruction
 of the grandstand at the Fresno race
 track, recently destroyed by fire, will
 start immediately. Work will be un-
 der direction of N. E. James, County
 building superintendent. According to
 the Fresno County Board of Supervi-
 sors insurance amounting to \$14,000 will
 cover rebuilding of same.

LOS ANGELES. Cal.—Until 2 p. m.,
 Oct. 20, bids will be rec. by Los Angeles
 Co. bd. super. for new reinf. conc. and
 steel laundry bldg. at Olive View San-
 itarium, near San Fernando. Plans and
 spec. on file with mechanical dept.,
 10th floor, Hall of Records. Separate
 bids will be taken on general, plumb-
 ing, hot water and steam service pipe,
 elec. lighting and power sys. and
 steel rf. Cert. or cash, check or bond
 10%. L. E. Lampton, clerk, 60x120 ft.,
 reinf. conc. fl., rf. slab and portion of
 walls, steel rf. trusses and joists, metal
 fr. and sash, steel monitor.

LOS ANGELES. Cal.—Until 2 p. m.,
 Oct. 20, bids will be rec. by county su-
 pervisors for refrigerating and ice-
 making plant in storeroom at Olive
 View Sanitarium, near San Fernando.
 Plans and spec. at off. of mech. dept.,
 10th fl., Hall of Records.

BUSINESS OPPORTUNITIES

SAN FRANCISCO.—Further informa-
 tion regarding these opportunities may
 be obtained from the office of Larsen
 Advance Constructors, 818
 Mission Street, San Francisco, either
 by phone, letter, or personal call. Re-
 quests for additional information
 should be made to the Business Oppor-
 tunities Department. Such requests
 must be accompanied by the Index
 Number of each opportunity.

D-1370.—San Francisco, Cal. Individ-
 uals desires contact with manufacturers
 of advertising novelties and display
 signs.

D-1371.—Cadott, Wis. Manufacturer
 of advertising specialties such as gas
 sticks, rulers and posters, desires rep-
 resentative this locality.

D-1372.—Detroit, Mich. Concern
 wants to act as manufacturers' rep-
 resentative to handle products selling to
 the industrial and retail trade.

D-1373.—Trenton, N. J. Manufactur-
 ers of automotive equipment want
 agent to handle sale of brake lining
 on a commission basis.

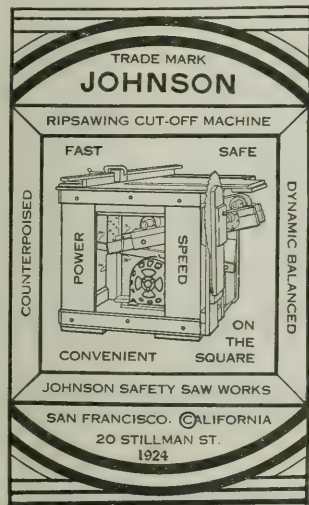
D-1374.—San Francisco, Calif. Two
 young men wish to secure interest in
 going concern where investment and
 services are desired.

D-1375.—San Francisco, Calif. Invent-
 or of agricultural and mechanical im-
 plements offers liberal interest to in-
 dividuals or firms who will promote
 sales.

8592.—Osaka, Japan. Trading com-
 pany offers Japanese novelties, brush-
 es, porcelain and lacquer wares to San
 Francisco importers. Correspondence is
 invited.

8593.—Osaka, Japan. Firm desires to
 import electrical goods, radio apparat-
 us, tools, bicycle and motorcycle ac-
 cessories from San Francisco shippers.

8595.—Copenhagen, Denmark. Manu-
 facturers of large gas ovens for use in
 bakeries which are said to be of a very
 superior type and reasonable in price,
 desire to appoint an exclusive repre-
 sentative in San Francisco.





Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

Manufacturers of

ENCLOSED EXTERNALLY OPERATED SAFETY SWITCHES, KNIFE SWITCHES, METAL SWITCH AND CUT-OUT BOXES, SAFETY SWITCH BOARDS

247 MINNA STREET

Phone Sutter 3008

SAN FRANCISCO

Official Proposals

NOTICE TO CONTRACTORS

(Vault—County of Alameda)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County at his office until **Monday, October 20th, 1924, at 10 o'clock A. M.** (the day when said bids will be opened and the contract awarded) for the erection and completion of a vault for the Treasurer's Office in the Hall of Records, Oakland, Alameda County, California. Said work being divided into two departments.

Plans and specifications for said work are on file in the office of the County Clerk in the Hall of Records Building in the City of Oakland, where copies may be obtained by depositing the sum of Ten (10) Dollars with the County Clerk.

Department No. 1. Reinforced concrete vault, construction, etc. Contractors will be restricted as to the length of time these plans may be retained to fifteen (15) days.

Department No. 2. Linings, doors, gates, etc. Plans and specifications for said work will be returned on or before October 20th, 1924, the day when said bids will be opened.

Contractors failing to return said plans and specifications within the time specified will forfeit their deposit to the County of Alameda.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified by some responsible bank and made payable to Geo. E. Gross, County Clerk and Ex-Officio Clerk of the Board of Supervisors, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

Geo. E. Gross,
Clerk of the Board of Supervisors of the County of Alameda.
Dated September 22nd, 1924.

NOTICE TO CONTRACTORS

(Power House Equipment—Sacramento County)

Office of the Clerk of the Board of Supervisors of the County of Sacramento, State of California.

Pursuant to an order of the Board of Supervisors of the County of Sacramento, made and entered on record on the 15th day of September, A. D. 1924.

Notice is hereby given that sealed bids will be received by the undersigned up to and not later than the hour of 10:00 a. m. of the 17th day of October, 1924, at the office of said Board in the Court House Building, 7th and I Streets, Sacramento City, for the furnishing of all labor, materials, equipment and mechanical workmanship required for the furnishing and installing of the Power House Equipment in the Power House, Laundry and Garage building, situate on the present County Hospital grounds, City of Sacramento, County of Sacramento, State of California, in accordance with the plans and specifications prepared therefor by R. A. Herold, architect, which plans and specifications may be seen and examined during office hours by intending bidders at the architect's office, rooms 430-37, Forum Building, Sacramento, California.

All bids must be submitted on blank forms furnished by the Clerk of the Board and must be accompanied with a certified check on some solvent bank in a sum equal to ten per cent (10%)

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

of the amount of each bid, conditioned that if the contract is awarded the party submitting the accepted bid will enter into contract and furnish such bond as may be required within ten (10) days after making award, or, failing so to do, the amount of such check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the Chairman of the Board of Supervisors of Sacramento County.

The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of Sacramento County, California.

Attest: HARRY W. HALL,
County Clerk and ex-Officio Clerk of the Board of Supervisors of Sacramento County, California.
By WILLIAM HICKEY, Deputy.
Dated September 23, 1924.

NOTICE TO CONTRACTORS

(Electrical Systems—Sacramento Co.)

Office of the Clerk of the Board of Supervisors of the County of Sacramento, State of California.

Pursuant to an order of the Board of Supervisors of the County of Sacramento, made and entered on record on the 15th day of September, A. D. 1924.

Notice is hereby given that sealed bids will be received by the undersigned up to and not later than the hour of 10:00 a. m. of the 17th day of October, 1924, at the office of said Board in the Court House Building, 7th and I Streets, Sacramento, City, for the furnishing of all labor, materials, equipment and mechanical workmanship required for the erection and completion of the electrical wiring systems in connection with the Power House, Laundry and Garage building, and service and feeder connections for the Sacramento County Hospital, situate on the present County Hospital grounds, City of Sacramento, County of Sacramento, State of California, in accordance with the plans and specifications prepared therefor by R. A. Herold, architect, which plans and specifications may be seen and examined during office hours by intending bidders at the architect's office.

rooms 430-37, Forum Building, Sacramento, California.

All bids must be submitted on blank forms furnished by the Clerk of the Board and must be accompanied with a certified check on some solvent bank in a sum equal to ten per cent (10%) of the amount of each bid, conditioned that if the contract is awarded the party submitting the accepted bid will enter into contract and furnish such bond as may be required within ten (10) days after making award, or, failing so to do, the amount of such check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the Chairman of the Board of Supervisors of Sacramento County.

The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of Sacramento County, California.

Attest: HARRY W. HALL,
County Clerk and ex-Officio Clerk of the Board of Supervisors of Sacramento County, California.
By WILLIAM HICKEY, Deputy.
Dated September 23, 1924.

NOTICE TO CONTRACTORS

(Bids Wanted for Glendale-San Fernando Valley Intersecting Sewer)

Sealed proposals will be received by the City of Glendale, California, up to ten (10) o'clock A. M., of Thursday, the 23rd day of October, 1924, for furnishing material and labor and the construction of Sections No. 1, 2 and 3 of the Glendale-San Fernando Valley Intersecting Sewer, in accordance with the plans and specifications on file at the City Hall, Glendale, California, and at the office of the Engineers, 415 Marsh-Strong Building, Los Angeles, California.

The approximate amount of work to be done is as follows:

- Section No. 1**
3,130.4 linear feet twenty-seven-inch (27") internal diameter sewer, complete in place.
1,550 linear feet forty-five-inch (45") internal diameter sewer, complete in place.
3,250 linear feet forty-eight-inch (48") internal diameter sewer, complete in place.
10,486.2 linear feet fifty-four-inch (54") internal diameter sewer, complete in place.

- Section No. 2**
1,912 linear feet forty-eight-inch (48") internal diameter class "A" cast iron pipe in place.
937 linear feet forty-two-inch (42") internal diameter sewer, complete in place.
12,331.25 linear feet forty-eight-inch (48") internal diameter sewer, complete in place.

- Section No. 3**
7,362 linear feet forty-two-inch (42") internal diameter sewer, complete in place.
10,314.93 linear feet forty-eight-inch (48") internal diameter sewer, complete in place.

Each bid must be accompanied by a satisfactory bond executed by a Surety Company authorized to operate in the State of California, or a check certified by a responsible bank and payable to the order of the City of Glendale, California, in the sum of not less than ten per cent (10%) of the total amount of the bid, as a guarantee that the bidder will enter into the proposed contract if same is awarded to him.

Prospective bidders desiring extra copies of the plans and specifications for personal use may obtain the same from the Engineers by making a deposit of Twenty-Five Dollars (\$25.00) for each of Sections No. 1, No. 2 or No. 3, Fifteen Dollars (\$15.00) of which sum will be refunded upon the return

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

of the plans and unused specifications within ten (10) days after the date of the letting.

The City reserves the right to reject any or all bids.

SPENCER ROBINSON, Mayor.
A. J. VAN WIE, City Clerk.

BURNS & McDONNELL
Engineering Company,
415 Marsh-Strong Bldg.,
Los Angeles, California.

NOTE: If the Contractor should take out all three Sections, the deposit will be \$50.00 and Thirty Dollars (\$30.00) of this amount will be refunded if the plans and unused specifications are returned as above.

NOTICE TO CONTRACTORS

(Prescott-Jerome Highway, Arizona)

Sealed proposals marked upon the outside of envelope "State Highway Contract, Federal Aid Project No. 36-B" and addressed to W. C. Lefebvre, State Engineer, care of Board of Supervisors of Yavapai County, Prescott, Arizona, will be received at 2 P. M., October 6, 1924, upon the Prescott-Jerome Highway, Federal Aid Project No. 36-B.

The work consists of approximately 2400 C.Y. Roadway Structural Excavation; 613 C.Y. Class "B" Concrete; 53 C.Y. Surfacing with selected local material; 580 Sta. Yds. of Surfacing overhaul; 25 C.Y. Ditching; Hauling and placing 24 in. R. of 24" C.M.F., and other incidental items.

All proposals shall be accompanied by an unendorsed, certified or cashier's check for 5% of the gross amount of the proposal payable to the State Treasurer of Arizona.

The State Engineer reserves the right to reject any and all proposals.

Copies of the plans and specifications may be seen at the office of the State Engineer in Phoenix, or at the office of the Board of Supervisors of Yavapai County in Prescott, or may be obtained upon the payment of Five (\$5.00) Dollars to W. C. Lefebvre, State Engineer, Phoenix, Arizona.

Satisfactory bonds will be required of the Contractor to whom the award is made.

All proposals shall be made on blanks furnished for that purpose.

W. C. LEFEBVRE,
State Engineer.
Phoenix, Arizona,
September 24, 1924.

NOTICE TO CONTRACTORS

(Memorial Hall, Antioch, Calif.)

Office of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the clerk of the Board of Supervisors of Contra Costa County, State of California at his office until 11 o'clock A. M. on Monday, October 20th, 1924, for the furnishing of all labor and material and for the erection and construction of a Memorial Building to be built in the Town of Antioch, county of Contra Costa, State of California, in accordance with plans and specifications prepared by and under the supervision of Davis-Heller-Pearce Co., Architects, and Engineers, Stockton, California.

Bids shall be marked "Bids for Construction of Antioch Memorial Hall."

Bids shall be presented in accordance with general conditions in said specifications.

Plans and specifications for the work are on file in the office of the County Clerk of Contra Costa County, State of California, at Martinez, Cal., and in the office of the Architects, Davis-Heller-Pearce Co., Architects and Engineers, Stockton, California, to which bidders are hereby referred.

NOTICE IS HEREBY GIVEN that all things being equal, preference will be given first to bidders using materials manufactured or produced in the County of Contra Costa, and second that preference will be given to local bidders where bids are equal.

All bids must be accompanied by a certified check on some solvent bank

or a cash deposit in a sum equal to ten per cent of amount bid on whole contract, conditioned that if the contract is awarded to party submitting the accepted bid, he will enter into a contract or contracts and furnish such bonds or guaranty as may be required by the Board, within five days after the notice of award, or failing to do to, the amount of such cash deposit or certified check to be forfeited as liquidated damages for such failure.

All checks to be made payable to the order of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

The Board of Supervisors reserves the right to reject any and all bids and to waive informality in any bid received.

Plans and specifications for this work may be obtained from the Architect or County Clerk, upon depositing the sum of Twenty dollars to insure return of said plans and specifications, the same to be returned to the depositor on return of said plans and specifications in good order within seven days after receipt of same.

By order of the Board of Supervisors of Contra Costa County, State of California.

Dated: Martinez, Cal., September 15th, 1924.

J. H. WELLS,

Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS

Stinson Irrigation District—Fresno Co.

Public notice is hereby given that the Board of Directors of Stinson Irrigation District has called, and does hereby call, and will receive until 10 o'clock A. M. on Tuesday, October 21st, 1924, and thereafter on the office at the residence of Eaton & Kilby, in the Town of Helm, County of Fresno, State of California, sealed bids or proposals to be addressed and sent by mail or delivered in person to R. M. Bostwick, secretary of the Board of Directors of Stinson Irrigation District, at Helm, Fresno County, California, the following materials, motors, pumps, appliances and work to-wit:

Item No. 1: Drilling two wells sealed with 14 inch double No. 12 gauge stove pipe casing, 400 to 500 feet deep. Quote price, per foot to include drilling, casing, perforating, and sand pumping after perforating. Quote price if double No. 10 gauge is used.

Item No. 2: Construction of 26 checks more or less in canals and laterals.

Item No. 3: 25 cement turnout boxes, more or less. Quote price delivered, and also price for installing same.

Item No. 4: 2 vertical shaft induction motors, 60 cycle 1200 R. P. M. 3 phase, 40° temperature rise, with starting compensator, equipped with no voltage and overload relays, also automatic time delay device. Motor design for conduit wiring. Bids on 20 and 25 H. P. required. Performance curves or tables of motors should be submitted with the bids.

Item No. 5: 2 deep well turbine pumps to be installed in 14 inch stove pipe casing. Pumps to have 60 ft. of column, 20 ft. of suction, to pump from 2 to 3 second feet against a total lift of 4 from 35 to 40 ft. The pumps will be connected to vertical shaft motor 1200 R. P. M. Also quote price for additional discharge pipe. Performance curves of pump are required with proposal.

Item No. 6: Furnishing material except cement and constructing two pump houses, derricks, etc.

Item No. 7: Furnishing material only except cement for above pump houses.

Item No. 8: Furnishing cement in carload lots at Helm and Burrell, Fresno County.

Item No. 9: Furnishing 2 to 4 carloads of gravel and 1 to 2 carloads of sand at Burrell, or at Helm, Fresno County.

Item No. 10: Reinforcing steel, 500 ft. more or less of 4x6 ft. mesh, No. 3 and No. 8 wires. 2000 ft. more or less of 1/4 inch round bars. Also quote price on 3/8 inch, 1/2 inch, and 5/8 inch square bars. Bars to be cut in length. Item No. 11: Turnout gates. 25 gates more or less 20 inch diameter to

be constructed with 20 inch concrete pipe. Item No. 12: Cement pipe, 18 inch, 12 ft. length, 200 to 300 ft. required. Probably of 20 inch diameter.

Item No. 13: Installing 2 deep well turbine pumps in pump houses. Also making necessary pipe connections from pump to ditch.

Item No. 14: Installing 2 motors on 2 deep well pumps, wiring same and equipment. Price quoted to include all necessary material for wiring and also for building panel. (Similar installations may be seen on the district).

Item No. 15: 25, more or less, 21" gates attached to 21" corrugated pipes, approximately 12 feet in length. Quote price per gate attached to pipe and price per foot of corrugated pipe No. 14 and No. 16 gauge.

Item No. 16: 25 gate lifts, more or less, 4, 5 and 6 foot widths equipped with deep well pump, wiring same and hand wheel.

All the foregoing material, construction and work to be in accordance with plans and specifications which are on file in the office of the Board of Directors of said district, to-wit: Eaton & Kilby's store in the Town of Helm, County of Fresno, State of California, and R. M. Bostwick, secretary of said district, 422 Mattel Bldg., Fresno, California, and Quinton, Coe & Hill, consulting engineers, 1106-10 W. I. Hollingsworth Bldg., Los Angeles, California. All work to be constructed at the designated places in plans and specifications, or at other locations in the district as designated by the engineering and construction committee. Such work must be in accordance with the plans and specifications, and to the satisfaction of the engineer, and subject to the approval of the Board of Directors of said district. All prices for materials, equipment, machinery, etc., to be f. o. b. Burrell or Helm, Fresno County, California.

Time of delivery of materials, machinery, equipment, etc., and the performance of the work will be given weight in determining the award of contracts. Proposals must state contemplated deliveries and time of commencing work and estimated completion.

Contracts will be let to the lowest responsible bidder. Each proposal must be accompanied by a certified check in the sum of 10% of the amount of the bid, and made payable to the Stinson Irrigation District, as a guarantee that the successful bidder will, within ten days after the acceptance of his bid, enter into a contract with said Stinson Irrigation District to do such work or furnish such materials, equipment, machinery, etc., as the case may be, in accordance with the plans and specifications, accompanied by certified checks will not be considered.

Successful bidder will also be required to enter into a bond with good and sufficient sureties, to be approved by the Board of Directors, payable said district for its use, for 25% of the amount of the contract price, conditioned that the faithful performance of said contract, and also where work is to be performed under said contract to enter into a bond in a sum not less than one-half of the total amount, payable to the district, said contract to be conditioned as specified in, and for the purpose provided by an act of the State of California, entitled "An act to secure the payment of the claims of persons employed by contractors upon public works," and the claims of persons who furnish materials, supplies, teams, implements or machinery, used or consumed by such contractors in performance of such public works, and prescribe the duties of certain public officers with respect thereto." Approved May 10, 1919. Statutes of 1919. Page 487.

The right is reserved by the Board of Directors of Stinson Irrigation District to reject any and all bids.

Dated: This 25th day of September 1924.

NEWTON EVANS, JR.,
President, and Director
B. W. KILEY, Director

A. W. LEMBERG,
Director
Constituting the Board of Directors of
Stinson Irrigation District.

Attest: R. M. BOSTWICK,
Secretary of said Board of Directors

NOTICE TO CONTRACTORS

(Stanislaus County—Bridges)

Pursuant to an order of the Board of Supervisors of the County of Stanislaus, State of California, made and entered on the 10th day of September, 1924, notice is hereby given that sealed bids will be received by the undersigned Clerk of the Board of Supervisors of Stanislaus County up to and not later than the hour of 10:30 o'clock A. M. of the 14th day of October, 1924, for the construction of sixteen proposed concrete bridges, located and under the various propositions as follows:

PROPOSITION No. 1, Road Dist. No. 1: Bridge No. 294, being a box culvert over gulch on River Road near Orange Blossom Bridge with necessary earth fill as shown on plans.

Bridge No. 305, over a branch of Dry Creek on Knights Ferry-Warnerville Road, 3.4 miles northwest of Warnerville.

Bridge No. 306, over a branch of Dry Creek on Knights Ferry-Warnerville Road, 2 miles northwest of Warnerville.

Bridge No. 307, being a cattle crossing 2 miles west of the Booth School House, 1/2 mile east of Oakdale.

PROPOSITION No. 2, Road Dist. No. 2: Bridge No. 308, over T. I. D. Main Canal 1/2 mile South of Hickman.

Bridge No. 309, over T. I. D. Ceres Main Canal on North Geer Road, near Fox Ranch.

Bridge No. 310, over T. I. D. Ceres Main Canal, 1/2 mile west of the A. T. J. & S. B. R. R. on Baldwin Ranch.

Bridge No. 311, over Ceres Main Canal, 3 1/2 miles east of State Highway, on Gilbert Avenue.

PROPOSITION No. 3, Road Dist. No. 3: Bridge No. 312, over M. I. D. Lat. No. 1 on Garrison Ave.

Bridge No. 313, over M. I. D. Lat. 5, on Hart Road.

Bridge No. 314, over M. I. D. Lat. No. 5, on the Gates Road.

Bridge No. 315, over M. I. D. Lat. No. 7 on Hart Road.

Bridge No. 316, over M. I. D. Lat. No. 1 on the Covert Road.

PROPOSITION No. 4, Road Dist. No. 4: Bridge No. 317, over M. I. D. Main Canal on Tully Road.

Bridge No. 318, over M. I. D. Main Canal on St. Francis Ave.

Bridge No. 319, over M. I. D. Lat. No. 6 on Roselle Ave.

PROPOSITION No. 5, Road Dist. Nos. 1, 2, 3 and 4: Proposition No. 5, shall contain a lump sum for the construction of all sixteen (16) bridges as designated in Propositions Nos. 1, 2, 3, and 4.

All of said bridges are situated in the County of Stanislaus, State of California, and shall be constructed in accordance with the plans and specifications therefor on file in my office, where the same can be inspected by

Intending bidders during office hours. All bids must be submitted on special order and accompanied by a Certified check or Cashier's check on some solvent bank of the State of California, in a sum equal to ten per cent of the amount bid, conditioned that the successful bidder will enter into such contract and furnish such bond as may be required within ten days after such award, or failing so to do will forfeit the amount of such check as liquidated damages for such failure.

Copy of plans and specifications and bidding forms can be obtained from the County Surveyor.

The Board reserves the right to reject any or all bids.

C. C. EASTIN, JR.,
Clerk of the Board of Supervisors of the County of Stanislaus, State of California.

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NOTICE TO CONTRACTORS

(Office of the Secretary of The Board of Education of the City of Alameda)

NOTICE IS HEREBY GIVEN that the Board of Education of the City of Alameda, and of Alameda High School District of Alameda County hereby calls for sealed proposals to be delivered to the Secretary of said Board, City Hall, Alameda, California until Tuesday, the 21st day of October, 1924, at 8 o'clock P. M., at which time said bids will be opened for the erection and completion of a new building to be used in connection with the present Alameda High School Building and for the making of alterations to the present Alameda High School Building. Both buildings are located on the block bounded by Central Avenue, Oak Street, Alameda Avenue and Walnut Street, Alameda, California. These bids shall be presented in accordance with plans and specifications for said work on file in the office of the Superintendent of Construction for the Board of Education, Room Number 9, City Hall, Alameda, California.

Separate bids will be received for:

1—General Work, including Excavating and Grading Work; Concrete and Reinforcing Steel; Dampproofing; Structural Steel; Miscellaneous and Ornamental Iron; Carpentry Work; Mill Work; Glass and Glazing; Tile Work; Terrazzo Work; Marble Work; Mastic Work; Magnesite; Rubber; Linoleum; Metal Toilet and Shower Stalls; Finished Hardware.

2—Brick and Hollow Tile Work.

3—Lathing and Plastering.

4—Plumbing.

5—Lathing and Ventilating.

6—Electrical Work.

7—Sheet Metal Work.

8—Roofing.

9—Painting.

10—Alterations to existing High School Building.

On a deposit of Twenty-five (\$25.00) Dollars plans and specifications for any of the branches of the work above listed may be had by any bidder on application to said Superintendent of Construction at his office hereinbefore mentioned. These plans and specifications may be retained as follows:

1—General Work—Fourteen (14) days.

2—Brick and Hollow Tile Work—Seven (7) days.

3—Lathing and Plastering—seven (7) days.

4—Plumbing—seven (7) days.

5—Heating and Ventilating—seven (7) days.

6—Electrical Work—seven (7) days.

7—Sheet Metal Work—seven (7) days.

8—Roofing—five (5) days.

9—Painting—seven (7) days.

10—Alteration to existing High School Building—fourteen (14) days.

If the plans and specifications are not returned to the Superintendent of Construction within the time above specified, or are returned in a mutilated or damaged condition, the deposit shall be retained by the said High School District as agreed and liquidated damages for said mutilation or detention, and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Superintendent of Construction, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to C. J. Du Four, Secretary of the Board of Education of the City of Alameda, and of Alameda High School District of Alameda County, to be retained by the said High School District as agreed and liquidated damages should the party or parties to whom the contract is awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5,000.00) Dollars—but for all bids of less than Fifty Thousand (\$50,000.00) Dollars—said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form obtained from the Superintendent of Construction.

Bids will be opened by the Board of said District on Tuesday, the 21st day of October, 1924, at eight o'clock P. M., in the Board Room No. 9, Second Floor of said City Hall, in said City of Alameda. The Board reserves the right to reject any and all bids or any or all items of such bids.

C. J. DU FOUR,
Secretary of the Board of Education of Alameda, California.

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BRIDGES

EAKERSFIELD. Kern Co., Cal.—Renner Foundation Co., 628 Montgomery St., San Francisco, submitted low bid to Joint Highway District No. 2, at \$23,975 for 4 wooden pile bridges in Joint Highway Dist. No. 4, a total length of 940 ft.; Burch & Beck, Com. m'l. Bank Bldg., San Luis Obispo, engineers. Bids taken under advisement until Oct. 13. Other bids: Tibbals, Percival & Cress, \$25,678; Theo. M. Maino, \$27,141; C. C. Gildersleeve, \$28,765; Proctor & Cleghorn, \$28,772; W. M. Ledbetter, \$28,982; J. E. Shepardson, \$29,738.34.

MODESTO. Stanislaus Co., Cal.—Until 10 a. m., Oct. 14, bids will be rec. by co. supervisors for constr. 16 rein. conc. bridges. Plans and spec. on file at the office of the co. surveyor. Cert. check 10%. C. C. Eastin, Jr., clerk.

SEATTLE. Wash.—City Engineering Dept. complete \$200,000 permanent approaches for 12th Ave. south bridge and for decking present central steel span. It is proposed to constr. 176-ft. steel approach on south end and 58-ft. approach at north end; bridge will be decked and sidewalked with rein. conc. slabs and will provide 42-ft. roadway with double car tracks and 11-ft. on each side. Construction will involve considerable grading work at north end approach.

SAN DIEGO COUNTY. Cal.—Following bids rec. Sept. 29 by Star Highway Commission to constr. bridge 30 ft. wide over Sycamore creek in San Diego county, about 6 mi. north of Ocean-side, consisting of one 24-ft. rein. conc. arch span involv. 290 cu. yds. class A cem. conc., 125 hundredweight rein. steel, 300 cu. yds. excavation for structure, 400 cu. yds. roadway embankment 124 cu. yds. backfill:

H. H. Peterson, Spreckels Bldg.	.....	\$3266
San Diego	.....	8412
De Waard & Son, San Diego	.....	8552
L. Vovel, Los Angeles	.....	8921
Wheeler Co., Los Angeles	.....	9059
Williams & Singletary, Colton	.....	9371
W. M. Ledbetter Co., Supa. reg.	.....	10,981
A. M. Southward Co., San Diego	.....	10,981
Engineer's estimate	.....	8597

LOS ANGELES. Cal.—Until 2 p. m., Oct. 20, bids will be rec. by supervisors to const. bridge on Huntington Dr. over Santa Anita Wash. partly in the cities of Monrovia and Arcadia. Plans obtainable from road dept., 11th fl., Hall of Records.

MERCED. Merced Co., Cal.—Until Oct. 13, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to const. combination wood and conc. bridge No. 134 and rein. conc. bridge No. 135, former over Fresno River on Pacheco Pass. Lateral of State Highway, about ½ mi. north of San Joaquin river and latter over Black Rascal creek about 1 mi. north of Merced on Six Mile Grade. Cert. check 10% payable to Chairman of Bd. of Supervisors. Plans obtainable from County Surveyor W. E. Bedeson on deposit of \$10, returnable.

MADERA. Madera Co., Cal.—County Surveyor J. O. Rude preparing spec. for conc. bridge over Chowchilla river on State Highway in 2nd Rd. Dist.

MODESTO. Stanislaus Co., Cal.—Until Oct. 14, 10:30 a. m., bids will be rec. by C. C. Eastin, Jr., county clerk, to const. 16 rein. conc. bridges in various sections of county. Cert. check 10% req. with bid. Plans obtainable from County Surveyor J. H. Hoskins. See call for bids under official proposal section in this issue.

SACRAMENTO. Cal.—Until Oct. 27, bids will be rec. by Harry W. Hall, county clerk, to const. conc. bridge over Arcade Creek at point where creek is crossed by old Marysville rd.; est. cost \$9000. Chas. Deterding, Jr., county engineer.

LOS ANGELES. Cal.—Ross Constr. Co., Oschner Bldg., Sacramento submitted low bid to supervisors at \$428,970 to const. arch. conc. dam and appurtenant structures, tunnels, spillways, and other incidental struc., with excav. in Big Santa Anita Canyon about 3 mi. n. of Arcadia. Dist. will furnish f. o. b. Arcadia toll. mat.: cem. reinf. steel, pipe and fitt. for grout lines, galv. wrt. iron pipe rail and fitt., welded mesh, dr. pipe and fitt., asph. filler with hsteam pipe and fitt., copper or galv. iron plate for stops, steel discharge pipe, dr. tile, lbr. and pipe and all mat. for drains or culv. in rd. Other bids were: Atkinson-Spicer Co., \$474,280; D. A. Foley & Co., \$481,580; Bent Bros., \$499,075; Geo. Pollock Co., \$506,620; Chas. and Geo. K. Thompson, \$526,870; Thos. Kelly & Sons, \$569,375; Gibbons & Reed Co., \$605,400; Utah Constr. Co., \$614,950; Phelan-Shirley Co., Omaha, Neb., \$699,920.

LOS ANGELES. Cal.—Thos. Kelly & Sons, 601 Hillstreet Bldg., awarded cont. by bd. pub. wks. at \$153,223.81 for Tropic bridge across Los Angeles river, on Los Feliz Blvd., involv. reinf. steel \$30,710; 4800 cu. yds. class A conc. \$18,707; 875 cu. yds. class C conc. \$13,855; 15,500 lin. ft. piling in place 66c; hand-rail complete \$589.86; 9200 cu. yds. fill 50c.

NAPA. Napa Co., Cal.—Until Oct. 13, 8 p. m., bids will be rec. by Howard E. Roper, secy. Napa Union High School District, to fur. fuel oil for ensuing year. Further information obtainable from secretary.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKDALE. Stanislaus Co., Cal.—Directors of Oakdale Irrigation Dist. reject bids to const. 3 drainage ditches and eight conc. pipe culverts and enlargement of one ditch and all work will be done by district forces. Bids were asked on Unit 1 "Griffin Drain" involv. const. 1-mi. of Span ditch, involv. 450 cu. yds. excavation and one conc. pipe culvert; Unit 2 "Lone Tree Creek" ditch, involv. 24,000 cu. yds. excavation and five 36-in. conc. pipe culverts; Unit 3 "Tulloch Drain"

invol. 2700 cu. yds. excavation and one 36-in. conc. pipe culvert; Unit 4 "Gray Lateral," involv. conc. lining on bank of about 3500 ft. of canal and approx. 850 cu. yds. excavation. Harry Simpson, Sacramento, bids as follows: Unit 2, \$6080; Unit 3 \$1011; Unit 4, \$6083.80.

RICHMOND. Contra Costa Co., Cal.—Bids have been ordered called by city council to construct fender line at Municipal wharf; est. cost \$14,000. Bids will probably be opened Oct. 14. Plans on file in office of A. C. Faris, city clerk.

IRRIGATION PROJECTS

TRACY. San Joaquin Co., Cal.—Until Oct. 22, 8 p. m., bids will be rec. by Schlossman & Co., Santa-Carbons Irrigation District for dredging intake canal under Contract No. 1, involv. moving of approx. 275,000 cu. yds. material. Cert. check \$2000 req. with each bid. W. D. Harrington, Tracy and Thos. H. Means, 369 Pine St., San Francisco, engineers. Plans on file in office of secretary and obtainable from offices of engineers.

HELM. Fresno Co., Cal.—Until Oct. 21, 10 a. m., bids will be rec. by R. M. Bostwick, secy. Stinson Irrigation District, 422 Mattel Bldg., Fresno, to drill wells, const. checks, turnout boxes; fur. and install motors and pumps; furnish various materials; corrugated p pe, etc. as more fully described in call for bids published under official proposal section in this issue. Plans on file in office of secretary, and office of Quinton, Code and Hill, consulting engineers, 1106 Hollingsworth Bldg., Los Angeles.

LIGHTING SYSTEMS

LOS ANGELES. Cal.—Council declares inten to install litg. sys. (14 conc. posts) in June St. bet. Willoughby and Melrose Aves. and in Santa Monica Blvd. bet. Normandie and Serrano: (34 c. i. posts). 1911 act.

PASADENA. La. Co., Cal.—Until 10 a. m., Oct. 7, bids will be rec. by city direc. for litg. sys. in Congress Pl. bet. St. Jern and Orange Grove Ave.; 1911 act. Bessie Chamberlain, city clerk. W. C. Earle, city engineer.

POMONA. Cal.—State board of health grants city permit to install Elrod sewage disposal plant. An effort is being made to secure a piece of land from the Diamond Bar ranch, in order that the effluent can be used for irrigation.

DINUBA. Tulare Co., Cal.—Until Oct. 13, 8 p. m., bids will be rec. by C. T. Reagan, city clerk, to fur. one three phase, sixty cycle, 220-volt, five-h.p. double end siren; one automatic control m. united in steel cabinet. Prices to be f. o. b. cars Dinuba. Cert. check 10% payable to city req. Further information obtainable from clerk.

LOS ANGELES. Cal.—Newbery Elec. Co., 726 S. Olive St., awarded cont. by bd. pub. wks. at \$85,797 for ornam. lighting sys. in Grand Ave., bet. Temple and Fifth Sts.

James C. Perry, 3570 Percy St., award contr. at \$46,250 for ornam. lighting sys. in Main St., bet. 57th St. and Florence Ave.

H. C. Reed & Co., Grant Bldg., award cont. at \$22,875 for ornam. lighting sys. in Hoover St., bet. Washington and Adams Sts.

Carbide Flare Lights
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Goggles—Respirators
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MODESTO, Stanislaus Co., Cal.—Res. of Inten. No. 430, passed by city council, provides for installation of Marblette electric lights in addition to street improvements. H. E. Grange, city clerk.

LOS ANGELES, Cal.—Electric Lighting Supply Co., 214 W 3rd St., submitted low bid at \$37,710 to bid pub. wks. for ornamental light sys. in Adams St., bet. Vermont and Western Aves. Other bids were: Wilshire Electric Co., \$38,436; H. H. Walker, \$39,828; Newberry Electric Corp., \$40,471; A. C. Rice, \$42,339.

A. C. Rice, 1965 Santee St., low at \$57,821 for ornamental light sys. in Vine St., bet. Franklin and Melrose Aves. Other bids were: Newberry Electric Corp., \$60,000; Robertson Electric Co., \$61,188; Electric Lighting Supply Co., \$61,437; H. H. Walker, \$63,711; Wilshire Electric Co., \$64,782.

E. A. Irish, 621 I. W. Hellman Bldg., low at \$2200 for electric conduits for 7th St. viaduct across the Los Angeles river. Bids of H. H. Walker and Newberry Electric Corp. not declared.

MACHINERY AND EQUIPMENT

LOS ANGELES, Cal.—Until 2:30 p. m. Oct. 3, bids will be rec. by harbor commission, 212 Lynde Bldg., for riveting machine for carbon compress No. 2, spec. 634, machine bolts for widening wharf at Berths 57 to 60; spec. 651, Spec. from harbor engr., Berth 90, San Pedro.

MONROVIA, Cal.—Austin-Western Road Machine Co. and Elgin Sales Co. can submit bid of \$7300 for building vacuum street cleaner. Sanball Motor Co. bid \$8500 and \$7500 for used machine.

OROVILLE, Butte Co., Cal.—Until Oct. 10, 5 p. m., bids will be rec. by Mildred P. Martin, clerk, Oroville Union High School District, to fur. (immediate delivery) on 1 1/2-ton chassis, with 1 1/2-in. wheelbase; 4 cylinder motor; 27-hp. low by 1 1/2-in. stroke with Fleck body of 25 carrying capacity. Further information obtainable from clerk.

REDEY, Fresno Co., Cal.—Until Oct. 23, 5 p. m., bids will be rec. by Marion W. Green, clerk, Redey Joint Union High School District, to fur. one Model T Ford car, complete, with starter and equipped with Hassler shock absorbers; bidders to take in part payment one Ford 1921 Model T car. Further information obtainable from clerk.

RAILROADS

LOS ANGELES, Cal.—L. A. & S. L. Ry. has recd. permit from state railroad comm. to proceed with constr. of new line into L. A. harbor, provided certain grade crossing changes were made.

FIRE ALARM SYSTEMS

PITTSBURG, Contra Costa Co., Cal.—Until Oct. 14, 5 p. m., bids will be rec.

and install three Gamewell Positive Non-Interfering Fire alarm boxes. An alternate bid is desired to remove the fire alarm switchboard, batteries, motor compressor, compressed air tanks, Diaphone equipment and all other fire alarm apparatus from the present location to the City Hall, and to fully install same complete and ready for operation. Specifications on file in office of city clerk.

FIRE EQUIPMENT

EAST SAN DIEGO, Cal.—Nat'l board of underwriters recommends additional fire equip., hydrants, etc. Louis Almgren, fire chief.

RESERVOIRS AND DAMS

LOS ANGELES, Cal.—Bent Bros., 418 Pecan St., submitted low bid to super visors at \$786,068 to const. constant angle arch type dam in "The Narrows" in Pacoima Canyon about 4 mi. from San Fernando, 600 ft. long on top and 275 feet high with a top width of 8 ft. The dist. will furnish f. o. b. San Fernando, cem., steel, copper plate for water stops, and mat. required in items 8 to 13, incl. Other bids were: Atkinson-Spicer Co., \$848,945; Thos. Kelly & Sons, \$956,385; Strange & McGuire 969,655; Jahn & Brosal, \$1,019,800; D. A. Foley & Co., \$1,225,079; Utah Constr. Co., \$1,332,920; North Pacific Constr. Co., \$1,498,755.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contract by bd. pub. wks. Sept. 24 for impr. Fifth St., bet. Grand Ave. and Flower St., involv. 37,700 sq. ft. 7-in. bitum. base pave., incl. grad. and remov. of exist. pav. at 24c sq. ft.; 100 sq. ft. 6-in. conc. pav. at 28c sq. ft.; 1200 sq. ft. bitum. base pave. at 20c sq. ft.; 1600 lin. ft. curb at 65c ft.; 625 sq. ft. walk at 22c sq. ft.; 1600 sq. ft. gut. at 28c sq. ft.; one manhole, 2 catch basins, 40 ft. 12-in. cem. pipe, and 20 ft. 15-in. cem. pipe, \$450 compl.; 104 ft. 2-in. sherardized conduit at 60c ft.

PIPE LINES, WELLS, ETC.

HELM, Fresno Co., Cal.—See "Irrigation Projects," this issue. Bids wanted.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 30, bids will be rec. by city comm. for McWane or equal 2-in. c. i. pipe: (1) 2750 ft. double thread; (2) 3500 ft. bell and thread; (3) 27500 ft. bell and spigot. Pipe to be in 5 and 6-ft. lengths, for 150 lbs. working pressure. Spec. W-296. Jas. P. Vroman, secy.

SEWERS & STREET WORK

LAGUNA BEACH, Cal.—Black and Veatch, engrs., 300 Pay Bldg., Los Angeles, complete plans for new sewage disposal plant and outfall at Laguna. The proposed plant will be constructed to hold the sewage disposal plant and outfall at Laguna, 600 ft. 10-in. c. i. outfall, on hte outgoing tide. The plant and outfall will cost about \$40,000. A bonded sys. of cost \$20,000, is under way. A bond issue of \$95,000 was voted.

NEWPORT BEACH, Cal.—Contracts for Dorr screening and pumping plants and intercepting sewers, in connection with new outfall sewer, will be awarded within the next 10 days, according to announcement by City Engr. Geo. D. Morrison. Cost of this portion of the work will amount to approx. \$200,000.

FIREBAUGH, Fresno Co., Cal.—City trustees, C. J. McDonald, Clerk, declare inten. (No. 34) to const. 6-in. and 10-in. vit. clay pipe sewer in various streets including wye branches, manholes and drop manholes, lampholes; rein. conc. screen chamber; pump pit; Imhoff tanks and dosing chamber; Byron Jackson sewage pumps, ets. 1911 Act & Bond Act 1915. Protests Oct. 9.

MISCELLANEOUS CONSTRUCTION

HELM, Fresno Co., Cal.—See "Irrigation Projects," this issue. Bids Wanted.

LONG BEACH, Cal.—Council orders conference with Pac. Elec. officials regarding traffic subway at Pacific Ave. and the Pac. Elec. right-of-way; est. \$160,000, to be shared equally.

LOS ANGELES, Cal.—Big Tejuanga Rock & Gravel Co., 1816 N. Cahuenga Ave., submitted low bid at 80c ton for No. 3 crushed rock and 90c ton for No. 4 rock to bd. pub. wks. Other bids were Union Rock Co., \$150 ton for both grades; Blue Diamond Co., \$155 ton for No. 3 and \$175 ton for No. 4.

VENICE, Cal.—City trustees set Nov. 4 as date to vote on various civic improvements totaling over \$1,000,000.

WATER WORKS

PALO ALTO, Santa Clara Co., Cal.—Until Oct. 10, 2 p. m., bids will be rec. by U. S. Veterans' Bureau, Field Service, Palo Alto, to dismantle existing water tank at U. S. Veterans' Hospital No. 24, Palo Alto, increase height of existing water tower and re-erect tank, including painting of entire structure. Plans obtainable from above office.

Barber Greene Model 42 Loader



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SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

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San Francisco

HELM, Fresno Co., Cal.—See "Irrigation Projects," this issue. Bids wanted.

MERCED, Merced Co., Cal.—City trustees plan \$15,000 water extension bond issue.

PHOENIX, Ariz.—Until 2 p. m., Oct. 1 bids will be rec. by state bd. of directors of State Institutions, for approp. 11,000 ft. c. i. water pipe, with valves, fittings, etc., for the extension of the water mains to the State hospital for the insane on E Van Buren St., Phoenix. A large part of this will be 6-in. Cert. check 10%.—C. M. Sander, secy.

HEMET, Cal.—City trustees plan domestic water system. Wells will be drilled at east of the city. Present service is by the Lake Hemet Water Co.

FLAOSTAFF, Ariz.—City council, the cham. of comm. and other civic bodies are back of a movement for a bond issue of \$358,000 for water system incl. new reservoir and distribution lines.

ARCADIA, Cal.—City council accepts plans for water pipe lines on Fifth Ave., Third Ave., Diamond and Eldorado Sts. G. B. Watson, at. supt. Work is to be started at an early date.

GUSTINE, Merced Co., Cal.—City trustees contemplate \$15,000 bond issue for improvements to water system.

PORTLAND, Ore.—Ernest C. Willard, consulting engineer, submits report to city council covering estimates of cost for proposed high pressure water system for congested area. Estimate is placed at \$1,426,000 with \$165,755 per annum for operating expenses.

CONTRA COSTA COUNTY, Calif.—Port Costa Water Co., Insurance Exchange Bldg., San Francisco, seeks authority of State R.R. Commission to issue \$60,000 of its first mortgage promissory notes as first payment on purchase price of 1,716.33 acres in Government Ranch, bet. Concord and Bay Point where it proposes to develop an additional water supply for the towns of Concord, Port Costa, Crockett, Valona and Martinez.

FRESNO, Fresno Co., Cal.—Bids will be asked shortly by county supervisors to lay additional water mains at Fresno General Hospital. D. M. Barnwell, county clerk.

TRACY, San Joaquin Co., Cal.—Banta Carbona Irrigation District rejects bids for pumping machinery and materials will be purchased in the open market and installed by the district. Bids were asked for seven centrifugal pumps of 20 cubic feet per second capacity; fourteen centrifugal pumps of 40 cubic feet per second capacity, motors, starters, relays, float switches, piping, 13 1/2 in. cranes, water measuring device and other essential equipment to complete pumping equipment in six pump houses. H. E. Harrington, engineer for district.

LOS ANGELES, Cal.—Byron Jackson Pump Mfg. Co., 412 S. San Pedro St., awarded cont. by bd. pub. wks. Sept. 26 at \$379 for fur. elec. blg pump.

SEWERS & STREET WORK

LOS ANGELES, Cal.—Until 2 p. m., Oct. 14, bids will be rec. by supervisors to imp. Garvey Ave. bet. Monterey Park city boundary (at Villalobos Ave.) to Monterey Pass Rd., 3672 lin. ft. or 7 mi., involv. 7943 cu. yds. excav., incl. removal of trees, 148 cu. yds. removal of old mac., 14,418 sq. yds. shaping rdwy., incl. shaping and rolling of shoulders, 14,418 sq. yds. 5-in. subbase, 13,885 sq. yds. conc. pav., 533 sq. yds. oil mac., 293 cu. yds. conc. retaining wall, 29 cu. yds. conc. headwalls, 84 ft. 18-in. corr. galv. iron pipe, 12 ft. 15-in. corr. galv. iron pipe. County furnishes materials as follows: 4155 bbls. cem., 1861 tons sand, 3434 tons gravel, 3905 tons disintegrated granite. Cash cont. No. 226. Average haul from Shorb, 1 mi.

LOS ANGELES, Cal.—Until 2 p. m., Oct. 20, bids will be rec. by supervisors for imp. work at Figueroa St. entrance to Coliseum at Exposition Park, involv. 17,268 cu. yds. excav., 14,335 sq. yds. conc. pav., 7135 sq. ft. conc. combination curb and gutter, 73,696 sq. ft. 3 1/2-in. conc. walk, 123,670 sq. ft. 4 1/2-in. conc. walk. Cash cont. No. 237.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 14, 12 m., bids will be rec. by W. W. Felt, Jr., county clerk, to grade Section C of Santa Rosa—Guerneville road in 2nd and 3rd Supervisorial Districts, involv. 28,000 cu. yds. excav., 50 cu. yds. "A" conc. in culverts, Est. cost \$19,500. Plans obtainable from E. A. Peugh, county surveyor.

HAWTHORNE, Cal.—Geo. R. Curtis Pav. Co., 2440 E. 26th St., Los Angeles at \$91,530 to imp. Ramona and Euclalyptus Aves., involv. grading 17,400 (lump sum); curb 65c ft.; gutter 31c ft.; walk 23c ft.; pav 23c ft. Other bids: Geo. H. Oswald, \$92,475.51; H. G. Feraud, \$95,792.45.

HAYWARD, Alameda Co., Cal.—Until Oct. 7, 8 p. m., bids will be rec. by M. E. Templeton, city clerk, to construct sewers in portions of Atherton, Dean and other streets, involv. 1 stand, lamp-hole; 9 br. manholes, 45 6x4-in. vye branches; 57 8x4-in. vye branches; 1192 lin. ft. 6-in. and 2008 lin. ft. 8-in. vit. sewer pipe; 170 ft. 8-in. c. i. class B pipe. 1911 Act and Bond Act 1915. Cert. check 10% payable to town rec. J. B. Holly, town eng.

SANTA MONICA, Cal.—Kneen Pav. Co., Dudley Bldg., Sta. Monica, award. cont. by city council at \$33,716.49 for pav. Pennsylvania Ave., bet. 14th and 20th Sts. with asph. conc. base & bitul. surf. Work involves sew., c. i. water mains. Other bids: Gibbons & Reed Co., \$34,131.24; Sander Pearson, \$34,979.19.

HUNTINGTON PARK, Cal.—Los Angeles Paving Co., 2900 Santa Fe Ave., awarded cont. by city trustees at \$20,007 to pave Belgrave Ave., bet. Pacific Blvd. and Regent St., involv. 103,093 sq. ft. 5-in. asph. conc. pav. 16.5c sq. ft.; 9718 ft. 6-in. gut. 25c ft.; 1536 sq. ft. 8-in. gut. 30c ft.; 63 ft. curb 70c ft.; 283 sq. ft. walk 22c ft.

LIVERMORE, Alameda Co., Cal.—Town trustees plan early paving of South L Street and Cresta Blanca Rd.

SANTA BARBARA, Cal.—Council declares inten. to imp. De La Guerra St., betw. Anacapa and State Sts. 5-in. conc. pav., with 1 1/2-in. asph. conc. surface, gutter, combined conc. curb and gutter, curb, cross-gutter, conc. driveways, 4-in. sewer, manholes, etc.; 1911 act.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 6, bids will be rec. by bd. pub. wks. for sew. (1911 act) in foll. sts.:

Fresno St., bet. 162 ft. n. of 7th St. and 46 ft. s. of Atlantic St.

Occidental Blvd., bet. Reservoir St. and 219 ft. n. 6-in. to 8-in. pipe.

Cologne St., bet. Carmona Ave. and Clyde Ave.; storm water channel; Ord. No. 49,667.

Walbridge Ave., bet. 12th St. and 447 ft. s. 8-in. vit. pipe.

COLUSA COUNTY, Calif.—Following bids rec. by State Highway Commission Sept. 25, to grade and surface with gravel or stone 6.3 mi. in Colusa county bet. 1/2 mi. west of Freshwater creek and Williams. Project involv. 18,200 cu. yds. roadway embankment without classification; 21,600 sta. yds. overhaul; 80 cu. yds. structure excavation without classification; 23,000 tons gravel or stone (surfacing); 97,000 tons miles haul gravel or stone; 16 cu. yds. class A cem. conc. (structures); 7 hundred-weight bar rein. steel in place (structures); 156 lin. ft. 12-in. 300 lin. ft. 18-in. and 30 lin. ft. 30-in. corr. metal pipe; 41 monuments. Commission to fur. corr. metal pipe:

Giddings & White, 809 F St., Sacramento	\$63,520
Geo. W. Cushing, Richmond	69,772
Hughes & Murphy, Marysville	69,234
V. R. Dennis Constr. Co., Sacto.	69,828
J. F. Collins, Adin	71,173
R. G. Blanco, Valley	72,893
Blumenkranz & Vernon, Stockton	74,867
Bishop & Brooks, Sacramento	74,938
Harold Smith, St. Helena	76,619
T. H. & M. C. Folk, Chico	78,186
Garrett Javing Co., Oakland	80,750
Arus Knapp, Oakland	86,136
A. Telchert & Son, Sacramento	92,475
Galbraith — Jones, Napa	93,406
Engineer's estimate	78,098

GLENDALE, L. A. Co., Cal.—Until 10 a. m., Oct. 2, bids will be rec. by city council for imp. Park Dr., involv. 10,200 sq. ft. grad; 6600 sq. ft. 5-in. oil mac.; 400 sq. ft. curb; 155 sq. ft. walk. Plans and spec. on file at office of City Engr. John F. Johannsen. A. J. Wie, city clerk.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 13, bids will be rec. by bd. pub. wks. for impr. (1911 act) foll. sts.: Ardmore Ave., bet. Council St. and First St.; 23,811 sq. ft. asph. pav., 60 sq. ft. bitum. base pav., 96 ft. curb, 1263 sq. ft. gut.

Federal St., bet. 1st alley s. of Mayfield Ave. and 101 ft. s.e. of Mayfield; quant. not ready.

Porter St., bet. 1st alley w. of Santa Fe Ave. and Mateo Sts.; quant. not ready.

Hobart Blvd., bet. Los Feliz Blvd. and Franklin Ave., quant. not ready.

Tenth St., bet. Pacific Ave. and Gaffey St.; 45,584 sq. ft. asph. pav., 772 ft. curb, 5062 sq. ft. walk, 2399 sq. ft. gut. 14th St., bet. Gaffey and Parker Sts.; 38,079 sq. ft. asph. pav. (5-in. conc. base, p. b., and 1 1/2-in. asph. surf.), 9140 sq. ft. walk, 224 sq. ft. gut., 280 ft. hse sew., 1120 sq. ft. 5-in. conc. pav.

Alley s.w. of 22nd St., bet. Naomi Ave. and 1st alley n.w.; 14,636 sq. ft. 5-in. conc. pav., 37 ft. curb, 93 sq. ft. walk, 412 sq. ft. remod. oil surf.

Alley s. of 71st St., bet. 1st alley w. of Main St. and 2nd alley w. of Main St.; quant. not ready.

MONROVIA, Los Angeles Co., Cal.—J. Allen Munro, Monrovia, awarded contract by city trustees at \$16,220.21 for paving Hillcrest Blvd. bet. Highland and Fifth Ave., involv. curbs, gut., concr. swales, reinf. concr. laterals, concr. outlets and outlets, oil tamped pav., sew. Other bids: B. R. Davison Co., \$17,063.95; Clarence P. Day Corp., \$21,000.

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LOS ANGELES, Cal.—Until 10 a. m., Oct. 13 bids will be rec. by bid. pub. wks. for 8-in. vit. sew. in 79th St., bet. 135 ft. and 45 ft. w. of South Park Ave.; 1911 act.

BAKERFIELD, Kern Co., Calif.—Green Moving Co., 629 Oak Ridge, San Francisco, submitted low and best bid of 20 c. sq. ft. vit. asphalt concrete, base and 2 1/2 in. ft. to 6 in. in asphalt, outer pave. bid paving 10th Ave., bet. Fourth St. and California Ave., Calif. Capital Co., bid 25 c. and 25 c. sq. ft. Thompson Bros. bid 25 c. and 25 c.

UTAH, San Bernardino Co., Cal.—Hobbs & Hobbs, Alhambra, awarded contract by city trustees at \$15,000 for sewer in alley south of Washington Blvd. and in portion of 10 other alleys. Other bids: Mike Guho, \$16,800; Fleming Constr. Co., \$16,525; J. Martin & Co., \$16,500; J. P. Seemore, \$17,125; J. P. Culick & Baker, \$17,125; H. M. Teet, \$17,225; M. K. Kahan, \$17,000; E. D. Zaich, \$18,700; Nick Artie, \$21,751; Miasnovich & Gillespie, \$22,475; Olvarri Constr. Co., \$23,000.

LOS ANGELES, Los Angeles Co., Cal.—Whitaker Constr. Co., (Whitaker Shaving Machine Co.), Bakersfield, awarded contract by board of public works at 13 c. sq. ft. for smoothing macad. and asphalt, pav. The work is to be done under the \$1,000,000 repair fund.

HUNTINGTON PARK, Los Angeles Co., Cal.—Until 8 P. M., Oct. 26, bids will be received by city trustees for improvement of following streets:

Portions of Santa Fe Ave., grad., asphalt, conc. pav., gut., curb, cem. walk; Seville Ave.: asphalt, conc. pave., gut., curb.

Walnut St., Live Oak St., Hope St., Olive St., Broadway and California Ave.: curbs, walks.

Plans and specifications are on file at the office of Paul E. Kressly, 732 H. W. Hellman Bldg., Los Angeles. Cert. check or bond, 10% in each case. H. H. Hunter, City Clerk.

MERCED, Merced Co., Cal.—City trustees plan sewer extension bond issue.

BLTYHE, Cal.—City trustees declare inten. to imp. por. of Hobsonway, bet. Main St. and W city lim., and por. of other sts.; grad., 6-in. conc. pav., 12-ft. walks, curb, curb returns, corr. iron culv., rein. conc. cur., 22 c. lit. posts; 1911 act. Marie Crenshaw, city clerk.

LOS ANGELES, Cal.—Supervisors declare inten. to imp:

Orange Ave. and McMillan St., bet. Butler and Locust Aves. and portions of Butler, Pacific and Locust Aves. (streets in Tr. 8174), 5044 lin. ft., under Co. Imp. No. 204, involv. 3423 cu. yds. excav., 12,136 sq. yds. 4-in. disintegrated granite pave., 5234 ft. curb, 29475 sq. ft. walk. Engr's est., \$18,335.30.

Riggin Ave. and other streets, 10,746 lin. ft., or 1.04 mi., under Co. Imp. No. 73, involv. 840 cu. yds. excav., 14,339 sq. ft. curb, 60,201 sq. ft. walk, 33,121 sq. ft. gutter, 4897 sq. ft. oil and screenings surf, 2 conc. box culv. Engr's est., \$34,586.25. Average haul, 4 mi.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 6 bids will be rec. by bid. pub. wks. for litg. sys. (1911 act) in cell. sta., Jefferson St., bet. Vermont and 10th Aves.; 196 conc. posts.

San Pedro St., bet. 61st St. and Manchester Ave.; 167 conc. posts.

EMERKA, Humboldt Co., Cal.—F. H. Green, Eureka, at \$24,975 awarded cont. by supervisors to const. 4.1-mi. of road from Alderpoint to Trinity county line to connect with road to Zenia.

MODESTO, Stanislaus Co., Cal.—City council, H. E. Gragg, clerk, declares inten. (No. 430) to imp. Achor Court bet. Magnolia and McHenry Aves., involving grading; pave. with 2 1/2-in. asphalt, conc. base with 1 1/2-in. Warrenite-Bit. surface; conc. curbs and gutters; conc. electroliners, Marbelite type. 1911 Act. Protests Oct. 22.

PITTSBURGH, Contra Costa Co., Cal.—Until Oct. 14, 8 p. m., bids will be rec. by Jas. Fitzgerald, city clerk, to imp. Railroad Ave. from A. T. and S. F. Rwy. to south city limits, involving paving with 1 1/2-in. or 2-in. asphalt, conc. wearing surface. Cert. check 10% required with bid. Spec. on file in office of clerk.

OAKLAND, Cal.—Until Oct. 9, 12 M. bids will be rec. by Eugene K. Sturgis, city clerk, to imp. Shattuck Ave., bet. Telegraph Ave. and north boundary of city, involv. 199,872 sq. ft. grading; 11,370 lin. ft. conc. curb with steel guard; reset 425 lin. ft. granite curb; 12,263 sq. ft. conc. gutter; 186,540 sq. ft. 2-in. Warrenite-Bit. pave on 6-in. cem. conc. base; 310 lin. ft. 8x29-in. and 264 lin. ft. 7x24-in. corr. iron and conc. culvert; 1 storm water inlet. Cert. check 10% payable to city reg. Plans on file in office of clerk. W. W. Harmon, city eng.

OAKLAND, Cal.—Until Oct. 9, 12 M. bids will be rec. by Eugene K. Sturgis, city clerk, to const. sewer in portions of Calaveras, Davenport, Fair Ave., etc. involv. 700 lin. ft. 8-in. vit. sewer; 12 manholes; 14 lampholes; 251 wye branches. Cert. check 10% payable to city reg. Plans on file in office of clk. W. W. Harmon, city engineer.

GUSTINE, Merced Co., Cal.—City trustees contemplate \$10,000 bond is sue for sewer extensions.

OAKLAND, Cal.—Until Oct. 9, 12 M. bids will be rec. by Eugene K. Sturgis, city clerk, to imp. Montana St., betw. Maple and Laurel Aves., involv. 23,320 sq. ft. grading; 933 lin. ft. conc. curb; 1366 ft. conc. gutter; 12,068 sq. ft. oil macadam pave; 4664 sq. ft. conc. walks; 66 lin. ft. 3-ft.x2-ft. 6-in. conc. culvert; 50 lin. ft. 10-in. pipe conduit; 86 cu. ft. conc. end wall; 2 storm water inlets; 1 handhole. Cert. check 10% payable to city reg. Plans on file in office of clerk. W. W. Harmon, city engineer.

VENTURA, Cal.—No bids rec. by supervisors Sept. 24 to imp. rdwy. bet. Ojai and Grand Aves., 3430 ft. 16-in. wide with 5-in. asphalt macad. pav., involv. 1500 yds. excav., 3430 ft. shaping and rolling, 1200 sq. ft. macad. pav. 5 yds. "B" conc. in headwalls, 200 lbs. reinf. steel. The work will be done by county forces.

EL CERRITO, Contra Costa Co., Cal.—City trustees petitioned to improve portions of Lexington, Liberty, Oak, Central, Willow, Lincoln and Eureka Aves., referred to City Eng. Ross Calfee for report.

LOS ANGELES, Cal.—R. K. Smith, 1124 S. St. Andrews, awarded cont. by Bd. Pub. Wks. at \$20,206 to imp. Sargent Pl. bet. Erie St. and 239 ft. n of Scott Ave., with conc. pave., etc.

SAN RAFAEL, Marin Co., Cal.—Until Oct. 6, 8 p. m., bids will be rec. by Eugene W. Smith, city clerk, to imp. portion of West End Ave., involv. 700 cu. yds. excavation; 27,200 sq. ft. 5-in. hyd. conc. pave; 2600 sq. ft. 4-in. hyd. conc. walks. Cert. check 10% payable to Mayor req. Plans obtainable from city manager on deposit of \$5, returnable.

LOS ANGELES, Cal.—The \$1,000,000 municipal dist. bond issue for a road from Whittier Blvd. to Pacific Pallsades, at Santa Ynez canyon, carried at the recent election. Edwin Janss is a director of the Beverly Blvd. Imp. Assn. backers of the new project.

GLENDAL, Cal.—E. L. Fleming, 324 W. Dryden, Glendale, submitted low bid to council at \$33,054 to imp. Western Ave., bet. San Fernando Rd. and Victory Blvd. and portions of Hale, Flower and other streets, involv. 215,247 sq. ft. grading 75c ft.; 6888 ft. curb 50c ft.; 4015 sq. ft. gutter 20c ft.; 177,056 sq. ft. 5-in. mac. 11.75c ft.; 3184 ft. 8-in. vit. sewer pipe 85c ft.; 4 manholes \$77 each; 2 junction chambers \$77 each; 4 flush tanks \$150 each; 129 hse. conn. \$20 each. Other bids: John W. Henderson, \$34,150; W. J. Curran, \$34,658; Gibbons & Reed Co., \$35,273; C. L. Hill, \$37,927; Hugh Cornwall, \$38,313.

E. L. Fleming, 324 W. Dryden, Glendale, low at \$2654 to imp. Rock Gen Ave., bet. Lincoln Ave. and Maple Sts., and portions of other streets, involving 39,679 sq. ft. grading 5c ft.; 1345 ft. curb 50c ft.; 31,072 sq. ft. 3-in. mac. pav. 10c ft.; 233 sq. ft. walk 15c ft.; water pipe complete \$4080; 762 ft. 8-in. vit. sewer pipe \$1 ft.; 1 manhole \$85; 1 junction chamber \$85; 2 flush tanks \$170 each; 21 hse. conn. \$13 each.

SAN FRANCISCO—Board of Public Works completes spec. to imp:

Thomas Ave., bet. Ingalls and Jennings, involv. 340 sq. ft. curb, 552 sq. ft. art. stone walks; 10,775 sq. ft. asphalt, conc. pavement; 3 br. catchbasins 115 lin. ft. 15-in. ironstone pipe culvert; est. cost \$4060.

Punaia Tarboe and Tompkins Ave., involv. 330 lin. ft. 8-in. ironstone pipe sewer; 20 lin. ft. 10-in. ironstone pipe culvert; thirty-two 8-in. wye branches; 1 br. manhole; 1 lamp-hole; est. cost \$130.

Niagara Ave., bet. Tara and San Jose Ave., involv. 414 lin. ft. conc. curb; 6210 sq. ft. asphalt, conc. pavement; est. cost \$2700.

GLENDAL, Cal.—E. L. Fleming, 324 W. Dryden, Glendale, submitted low bid to council at \$33,054 to imp. Western Ave., bet. San Fernando Rd. and Victory Blvd. and portions of Hale, Flower and other streets, involv. 215,247 sq. ft. grading 75c ft.; 6888 ft. curb 50c ft.; 4015 sq. ft. gutter 20c ft.; 177,056 sq. ft. 5-in. mac. 11.75c ft.; 3184 ft. 8-in. vit. sewer pipe 85c ft.; 4 manholes \$77 each; 2 junction chambers \$77 each; 4 flush tanks \$150 each; 129 hse. conn. \$20 each. Other bids: John W. Henderson, \$34,150.39; W. J. Curran, \$34,657.77; Gibbons & Reed Co., \$35,273.53; C. L. Hill, \$37,927.48; Hugh W. Cornwall, \$38,313.68.

SEAL BEACH, Cal.—City trustees declare inten. to pave Ocean Ave. to cost approx. \$60,000. Pavement to be 3 1/2-in. asphalt, conc. base with cem. conc. surface; 1915 Imp. bond act. Warren Hillyard, city engineer.

LOS ANGELES, Cal.—Adam Dalmatin, 341 W. 62nd St., awarded cont. at \$43,300 by bd. pub. wks. for sewer in 65th St. bet. Vermont and Normandie Aves.

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COMPTON, Cal.—City council plans bond issue for expansion of Long Beach Blvd. through Compton.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crumney, San Jose, awarded cont. by council to imp. Washburn St., bet. 4th and 10th Sts., involving grading, pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters & walks; 1 conc. inlet; 8-in. vit. pipe drains.

REEDLEY, Fresno Co., Cal.—Heafey-Moore-McNair, 2620 High St., Oakland, at \$109,421.09 awarded cont. by city trustees to const. sewer extension and Shandis-sal plant, Frederickson and Shandis-sal plant, Sacramento, permitted to withdraw bid claiming error.

LOS ANGELES, Cal.—Jas. Chutuk, 343 Wilcox Bldg., submitted low bid at \$2,112 to bet. with wye for sewer in 33rd St., bet. Vermont Ave. and 130 1/2 ft. e. of Western Ave.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crumney, San Jose, awarded cont. by council to improve Auxerais Ave., bet. Bird and Hannah Sts., involving grading; pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous base; hyd. cem. conc. curbs, gutters and walks; 2 conc. inlets; 8-in. vit. pipe drains; 2 br. catchbasins.

WATTS, Cal.—Until 8 p. m., Oct. 6, bids will be rec. by city trustees to imp. East Grand Ave. bet. Claire Lane and N. Wilmington Ave. and portions of other streets, involv. 6-in. conc. pav., conc. walks, curb; 111 alt. date, to imp. Fifth Blvd., bet. Shorb and Sunland Aves., involv. 7-in. conc. pav. also some 2-in. surf. on 2-in. tamped base; 1911 alt. Sarah A. Smith, city clerk.

WOODLAND, Yolo Co., Cal.—Yolo county and Lake county supervisors have called joint meeting to discuss route of projected lateral saddle right-of-way from kumsey, Yolo county, to Lower Lake, Lake county; est. cost, \$1,000,000.

SAN FRANCISCO—Board of Public Works completes spec. to imp:

Bergen Place westerly from Hyde St. involv. 34 lin. ft. conc. curb, 100 sq. ft. art. stone walks; 1 br. catchbasin; 6 10-in. wye branches; 149 lin. ft. 10-in. ironstone pipe sewer; 1620 sq. ft. conc. pavement; est. cost \$1200.

La Salle St., bet. Phelps and Quint Sts., involv. 1200 lin. ft. conc. curb; 30,000 sq. ft. asph. conc. pavement; est. cost \$3600.

Doming St., bet. Lower Terrace and Clayton St., involv. 256 cu. yds. cut; 561 lin. ft. conc. curb; reset 2 catchbasins; const. 1 br. catchbasin; 15 lin. ft. 10-in. ironstone pipe culvert; 199 sq. ft. art. stone walks; 7321 sq. ft. conc. pavement; est. cost \$3200.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Oct. 20, bids will be rec. by council to imp. Lenox Ave., bet. Mt. Vernon Ave. and 300 ft. w. 4-in. mac. pav., cem. gut; 1911 alt.

Separate bids to imp. G St., bet. lot 17, blk. 11, Rancho San Bernardino, involv. curbs, 4-in. pav.; 1911 alt. J. H. Osborn, city clerk.

TUCSON, Ariz.—Borderland Constr. Co., Tucson, awarded cont. by council to imp. East Ninth St., involv. 4000 cu. yds. excav, 606 yds.; 24,250 sq. yds. sub-grade 27c yd.; 25 cu. yds. "A"; const. 4900 ft. 20-in. gutter; 800 ft. 60-in. gutter; 24,000 sq. ft. walk; 5300 ft. 14-in. curb 70c ft.; 16,200 sq. yds. 1½-in. Warrenite-Bit surface on 2½-in. bitum. base \$1.70 yd.; 6 conc. monuments; 200 ft. 4-in. vit. sewer 30c ft.; 150 cu. yds. sewer excav and backfill \$2 yd.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Union St., bet. First and Orchard Sts., involv. grading; pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. walks, curbs, gutters and 2 storm water inlets; 8-in. vit. pipe drains.

LONG BEACH, Cal.—Until 9:30 a. m., Oct. 7, bids will be rec. by council for imp. Broadway bet. Daisy and Alamitos Aves.; walks, gut., storm drain, catch basins, 8-in. conc. pav. with 2-in. asph. conc. surface, corr. iron culv.; 1911 alt. H. C. Wanchop, city clerk.

DEL RAY, Fresno Co., Cal.—Del Ray Sanitary District was called at a recent election. Steps will be taken to finance once to call bond election to finance construction of a sewer system.

PASADENA, Cal.—C. F. Mathews, 221 1/2 E. 13th, Pasadena, submitted low bid at \$17,131 to imp. Broadway bet. Lincoln Ave. and Arroyo Blvd., involv. pav., 8.5c sq. ft.; walk, 18.5c sq. ft.; grading, \$1.90 lin. ft.; curb, 50c ft.; gut. 24.75c sq. ft.

W. A. McNally, 517 S. Broadway, Pasadena, low at \$78,748 for underground conduits, etc., for improvement work in Green St. bet. Marengo and Hill Aves. E. A. Irish bid \$79,850.

CHICO, Butte Co., Cal.—Raymond Witt has been appointed city engineer of Chico, succeeding Chas. M. Ennis who resigned.

VALLEJO, Solano Co., Cal.—Louis Tagnon, Vallejo, awarded contract by council to imp. Loggia alley bet. Butte and Brancifort Sts., involv. 200 cu. yds. grading, \$1.85 lin. ft.; 800 lin. ft. curb, \$3.00 lin. ft.; 6400 sq. ft. conc. pavement, \$22 sq. ft.

MARYVILLE, Yuba Co., Cal.—Averren Construction Co., Bacon Bldg., Oakland, awarded cont. by council to imp. portions of 13th, 12th, 11th Sts., etc., involv. grading, \$0.13 sq. ft.; 2½-in. base pavement, 1½-in. top, \$1.85 sq. ft.; 3½-in. base, 1½-in. top pavement, \$2.16 sq. ft.; conc. gutter, \$28 sq. ft.; conc. curb, \$60 lin. ft.; 6-in. vit. sewer, \$80 lin. ft.; corr. iron culverts, \$5 lin. ft.; conc. catchbasins, \$40 ea.; conc. headwalls, \$150. Pavement will be bituminous base with Warrenite-Bit surface.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., sub. low bid to Bd. Pub. Wks. at \$40,150 to pave and sewer in Fries Ave., bet. O and Anaheim Sts., San Pedro, involv. 140,882 sq. ft. 6-in. conc. pav.; 4225 ft. curb; 425 sq. ft. remod. oil surface; 1956 sq. ft. walk; 195 sq. ft. asph. pav.

LOS ANGELES, Cal.—Griffith Co., L. A. Railway Bldg., awarded cont. at \$1,175 to imp. wye for imp. Broadway, bet. Los Feliz and Glendale Blvds.

GUADALUPE, Cal.—Manuel Smith, 1003 35th Ave., Oakland, at \$9000 submits low bid to city trustees to const. sewer laterals involv. 6-in. 8-in. and 10-in. pipe, Burch and Beck, engineers, Commercial Bank Bldg., San Luis Obispo. Other bids were:
Chambers & de Golyer.....\$10,995
W. I. Tobin.....11,000
Culjak & Beber, Los Angeles....12,670
G. M. Wueitch, Los Angeles....12,682
J. F. Shephardson, Bakersfield....13,670
Gorgo & Rados Co., Los Angeles....13,750
E. M. Payne, San Luis Obispo....14,322
H. E. Adams, Los Angeles....14,590
Olivera Cons. Co., Santa Ana....14,778
Carrero Bonilla Co., Santa Barbara.....15,660
D. J. & A. Milosevitch, L. A....16,000
Granite Cons. Co., San Luis Obispo.....17,330

PASADENA, Cal.—Griffith Co., 502 L. A. Ry Bldg., Los Angeles, apparently low bidder at about \$277,645.99 for imp. Green St. bet. Marengo and Hill Aves., and portions of other streets, involv. grading at \$30,500 (lump sum); 361,670 sq. ft. 7-in. conc. pav. with 2-in. asph. surface 27c ft.; 14,805 ft. curb 60c ft.; 28,939 sq. ft. gut. 31c sq. ft. walk 18.5c ft.; culv. \$16,000 (lump sum); \$199 ft. 12-in. sewer \$2.15 ft.; 7465 ft. 8-in. sewer \$1.80 ft.; street light at \$55,000 (lump sum). Geo. H. Oswald was next low bidder at about \$282,240.89.

RIVERSIDE, Cal.—Proceedings have been started for a 12-mcs. street paving program, incl. Third St., Main to Pine, Second St., Walnut to Pine; First Walnut to Pine, Houghton Ave., bet. Fairmount and Walnut; Pine from 4th to Walnut; Houghton bet. Pine West and Fairmount Park; and portions of Randall Rd., Redwood Dr.; pav., walks, curbs, gutter, sew.

OAKLAND, Cal.—Manuel Smith, 1003 35th Ave., Oakland, awarded cont. by council to const. sewers in portions of Fruitvale Ave., etc., 8-in. sewer, \$2.50 lin. ft.; manholes \$100 ea.; 2 8-in. manholes, \$25 ea.; 12-in. lampholes, \$30 ea.; drop connections, \$50 ea.; wye branches, \$150 ea.

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Building & Engineering News

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4075	Altwater	Meyer	18000
4076	Barzan	Owner	1000
4077	Ames	Gough	5789
4078	Andersen	Owner	4000
4079	Bary	Battersby	1500
4080	Stocker	Mitchell	4675
4081	Bruman	Mangels	6466
4082	Sutro	Arnott	62400
4083	Bullinger	Holt	12000
4084	Mills	Owner	1500
4085	Diestel	Owner	4900
4086	Ballard	Hargrave	3900
4087	McDonald	Hamill	6300
4088	McDonald	Hamill	6000
4089	Scott	Land	5500
4090	Mineral	Federal	1000
4091	McCarthy	Owner	3500
4092	McCarthy	Owner	3500
4093	Stocker	Mitchell	1675
4094	Johnson	Owner	3000
4095	Johnson	Owner	3000
4096	Nichols	Lindgren	4400
4097	Durkee	Hodges	2677
4098	Burridge	Perry	8000
4099	Johnson	Owner	5000
4100	Johnson	Owner	5000
4101	Schweitzer	Prout	16736
4102	Pign Whistle	Emanuel	6699
4103	Pign Whistle	Lettich	3600
4104	Arnott	Owner	16000
4105	Onorato	Hardy	10000
4106	Calzia	Simplex	3000
4107	Austin	Arnott	3000
4108	Hanch	Jensen	152000
4109	Devoio	MacDonald	2000
4110	Scully	Hanna	4000
4111	Casey	Botman	3850
4112	Marks	Meinberger	13000
4113	St. Luke's	Stockholm	126045
4114	Campbell	Valney	8000
4115	Minutoli	Owner	9000
4116	Hochschr	Cahill	15000
4117	Mineral	Federal	1000
4118	Wolfgram	Johnson	3000
4119	Moore	Malloch	1000
4120	Same	Same	1000
4121	Ocean	Bryman	2800
4122	Leask	Owner	5000
4123	City	Grace	2000

4124	Lang	Owner	4900
4125	Herbst	Stegrist	2000
4126	La Societe	Cyclops	4469
4127	Ying Mee	Peterson	69550
4128	Bloomington	Ray	2000
4129	Corrino	Rednall	1800
4130	Held	Meyer	3000
4131	Monson	Owner	8000
4132	Meyer	Owner	3000
4133	Carlson	Owner	38000
4134	Hill	Davis	12000
4135	Richards	Duval	2000
4136	Phillips	Owner	1500
4137	Mahan	Parker	12000
4138	Meyer	Gilmour	7000
4139	Allred	Owner	3000
4140	Kachler	Owner	1000
4141	Rodoni	Buschke	5000
4142	Jansen	Pearson	1000
4143	Hills	Walker	100000
4144	Hagemann	Malloch	5000
4145	Higgins	Pearson	1000
4146	Hawkins	Owner	2000
4147	Doyle	Ferroni	5800
4148	Bremel	Saari	3100
4149	Reiff	Hanson	3550
4150	Christenson	Owner	8000
4151	Morris	Owner	4000
4152	Morris	Owner	4000
4153	Hicks	Milton	5900
4154	Hawkins	Owner	2000
4155	Hansen	Owner	1800
4156	Morris	Owner	7000
4157	Morris	Owner	4000
4158	Bray	Jones	16000
4159	Western	Owner	9000
4160	Allen	Meyer	6100
4161	Buhlinger	Holt	12134
4162	Thomas	Hodges	2677

RESIDENCE
(4075) LOT 2 BLK 11, St. Francis
* frame residence.
Owner—W. F. Altwater, % Contractor.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.
Contractor—Meyer Bros., 1 Montgom-
ery St., San Francisco. \$18,000

DWELLING
(4076) N. DONNER 225 E. Quint. One-
story and basement frame dwlg.
Owner—Harry Berbin, 1150 Brussels
St., San Francisco.
Architect—None. \$1000

MERRY-GO-ROUND
(4077) WEST END SLOAT BLVD.
Construct merry-go-round.
Owner—F. H. Ames.
Architect—None.
Contractor—Alfred S. Gough, 10 Wash-
burn St., San Francisco. \$5789

RESIDENCE
(4078) E. THIRTIETH AVE 210 N.
Irving. Two-story and basement
frame residence.
Owner—A. T. Andersen, 1015 Pierce St.,
San Francisco. \$10,000
Architect—None. \$4000

RESIDENCE
BLK 17, LOT 11, St. Francis Wood.
Two-story and basement frame
residence.
Owner—Mrs. A. E. Penfield, % Con-
tractor.
Architect—Thos. E. Pfling, 603 1st Nat'l.
Bank Bldg., San Francisco.
Contractor—Meyer Bros., 1 Montgom-
ery St., San Francisco. \$16,700
NOTE: Reported contract reported
Sept. 24, 1924, No. 4055.

BUILDING
(4079) S. TWENTY-SECOND 50 W.
Florida. All work for building.
Owner—Matthew A. and Mary Agnes
Daley, 1336 Shotwell St., S. F.
Architect—None.
Contractor—Geo. M. Battersby, 2976
Mission St., San Francisco.
Filed Sept. 25, '24. Dated Sept. 6, '24.
Building enclosed \$1150
Rough mortar on 1150
Completed 1150
Usual 35 days 1150
TOTAL COST, \$4600
Bond, \$4600. Surety, U. S. Fidelity &
Guaranty Co. Limit, 90 days. Forfeit,
\$150. Plans and specifications filed.

BUILDING
(4080) S. HENRY 415 W. Castro —
51-05, NW 28-64, N 42-35, E 26.
All work for one-story and base-
ment frame building.
Owner—Joseph P. Stocker Jr.
Architect—None.
Contractor—Thomas F. Mitchell & Son,
1370 Utah St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

(FIRE
SURETY BONDS
CASUALTY)

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Filed Sept. 25, '24. Dated Sept. 21, '24.
 Frame, 40 ft. 1168.75
 Concrete, 100 ft. 1168.75
 Plastered, 100 ft. 1168.75
 Usual 35 days 1168.75
 TOTAL COST, \$4675.00
 Bond, none. Limit, 100 days. Forfeit, none.
 Plans and specifications filed.

DWELLING
 (4081) LOT 1, BLK. 3078 ST. FRANCIS
 Wood Extension No. 2. All work
 for 2-story and basement frame
 dwelling and garage.
 Owner—Eugene A. and Helen M. Grey-
 man, 40 Palm St., S. F.
 Architect—Mason & Hurd, 278 Post
 St., S. F.
 Contractor—Managers Bros., 4792 Mis-
 sion St., S. F.
 Filed Sept. 25, 1924. Dated Sept. 22, '24.
 Frame, up 11616.55
 Brown coated 1616.55
 Completed and accepted 1616.55
 Usual 35 days 1616.55
 TOTAL COST, \$6466.20
 Bond, \$2333.10. Sureties, Theresa
 Gamboa and John A. F. Steinke. For-
 feit, \$500 per day. Limit, 90 days.
 Plans and specifications filed.

DWELLINGS
 (4082) W. FORTY-EIGHTH AVE. 200
 and 300 S. Lincoln Way, S. 100 x W
 120. E. La Playa Ave. 200 and 300
 S. Lincoln Way, S. 100 x E. 120. All
 work for sixteen 1-story frame
 dwellings.
 Owner—Adolph G. Suito, 1199 Stan-
 yan St., S. F.
 Architect—None.
 Contractor—Jas. Arnott & Son, 235
 Granville Way, S. F.
 Filed Sept. 25, 1924. Dated Sept. 23, '24.
 Frames completed 13,376
 Brown coated 13,376
 Completed and accepted 13,376
 Usual 35 days 13,376
 TOTAL COST, \$52,400
 Bond, sureties, forfeit, none. Limit, 130
 days. Plans and specifications filed.

FLATS
 (4083) W. GOUGH 65 S. Francisco. 2-
 story frame flats.
 Owner—Wm. E. Buhfingier, 176 27th
 St., S. F.
 Architect—J. A. Porporato, 619 Wash-
 ington St., S. F.
 Contractor—J. K. Holt, 3877 26th St.,
 San Francisco, \$12,000

DWELLING
 (4084) W. TENTH AVE. 250 N. Pacheco
 1-story frame dwelling.
 Owner—William Mills, 1927 10th Ave.,
 San Francisco. \$1500

DWELLING
 (4085) N. PACIFIC 70 E. Jones. 1-
 story frame dwelling.
 Owner—John Diestel, 248 Russ Bldg.,
 San Francisco.
 Architect—None.
 Contractor—John Diestel & Vaznell, 248
 Russ Bldg., S. F. \$4000

FRAME BLDG.
 (4086) N. FRANCE 400 W. Mission
 1-story frame.
 Owner—A. Balliani, 318-B Lombard St.,
 San Francisco.
 Architect—None.
 Contractor—E. Hargrave, 1106 La-
 grana Ave., Burlingame, Cal. \$3900

FLATS
 (4087) N. GEARY 107-6 W. 34TH ST.
 2-story frame flat.
 Owner—William McDonald, 6140 Geary
 St., S. F.
 Architect—None.
 Contractor—Thomas Hamill, 6140
 Geary St., S. F. \$6000

FLATS
 (4088) N. GEARY 82-6 W. 34TH AVE.
 2-story frame flats.
 Owner—William McDonald, 6140
 Geary St., S. F.
 Architect—None.
 Contractor—Thomas Hamill, 6140 Geary
 St., S. F. \$6000

DWELLING
 (4089) W. PLYMOUTH AVE. N. San
 Ramon. 1-story frame dwelling.
 Owner—T. W. Scott, 36 McAllister St.,
 San Francisco.
 Architect—N. R. Coulter, Mackay Bldg.,
 San Francisco.
 Contractor—Chas. Lind, 3329 22nd St.,
 San Francisco. \$5500

MARKQUEE
 (4089) 1120 MARKET ST. Alameda
 Owner—Mineral Cafe, 1130 Market St.,
 San Francisco.
 Architect—None.
 Contractor—Federal Electric Co. \$1000

DWELLING
 (4091) W. FUNSTON AVE. 75 N. Kirk-
 ham 1-story frame dwlg.
 Owner—John E. McCarthy, 1479 12th
 Ave. S. F.
 Architect—None.
 Contractor—John E. McCarthy, 1479
 12th Ave., S. F. \$2500

DWELLING
 (4092) W. FUNSTON AVE. 50 N. Kirk-
 ham. 1-story frame dwelling.
 Owner—John E. McCarthy, 1479 12th
 Ave. S. F.
 Architect—None.
 Contractor—John E. McCarthy, 1479
 12th Ave., S. F. \$3500

FRAME BLDG.
 (4093) S. HENRY 415 W. Castro. 1-
 story frame.
 Owner—Jos. P. Stocker, Henry St.
 near Castro, S. F.
 Architect—None.
 Contractor—Thomas F. Mitchell & Son,
 1370 Utah St., S. F. \$4675

FRAME BLDG.
 (4094) E. MADRID 125 S. France. 1-
 story frame.
 Owner—Thomas Johnson, 561 Clipper
 San Francisco.
 Architect—None. \$3000

FRAME BLDG.
 (4095) E. MADRID 100 S. FRANCE. 1-
 story frame.
 Owner—Thomas Johnson, 561 Clipper
 San Francisco.
 Architect—None. \$3000

FRAME BLDG.
 (4096) W. GAMBIER 155 S. Silver Ave.
 1-story frame.
 Owner—Mrs. Leland H. Nichols.
 Architect—None.
 Contractor—Lindgren Const. Co., 271
 Winchester St., near Daly City. \$4400

LIGHT MFG.
 (4097) N. CLEMENTINA 150 SW 8th.
 1-story frame light mfg.
 Owner—Durkee Thomas Co., 1228 Fol-
 som St., S. F.
 Architect—None.
 Contractor—S. C. Hodges, 1327 Laguna
 St., S. F. \$2677

DWELLING
 (4098) SE MERCED AVE. 220 NE
 near Alameda. 2-story frame dwlg.
 Owner—B. W. Burridge, 1215 27th Ave.,
 San Francisco.
 Architect—None.
 Contractor—Fred K. Perry. \$8000

FRAME BLDG.
 (4099) E. THIRTY-FOURTH AVE. 150
 N. Anza. 1-story frame.
 Owner—J. Harold Johnson, 315 Hearst
 Bldg., S. F.
 Plans by owner \$5000
 DWELLING
 (4100) E. THIRTY-FOURTH AVE. 125
 N. Anza. 1-story frame dwlg.
 Owner—J. Harold Johnson, 315 Hearst
 Bldg., S. F.
 Plans by owner. \$5000

DWELLING
 (4101) N. GREEN 85-6 E. TAYLOR, E
 34-6 — 137-6 W. 27 S. 12-6 W. 7-6
 S. 125. All work except painting,
 wall paper, shades, light fixtures,
 wall beds, heating, for 2-story and
 basement double dwelling.
 Owner—Jewel Schweitzer.
 Architect—Chas. F. Strothoff, 2274 15th
 St., San Francisco.
 Contractor—J. Prout, 515 Magellan St.,
 San Francisco.
 Filed Sept. 26, '24. Dated Sept. 23, '24.
 Frame up and roof sheathing
 on 14184
 Brown coated 4184
 Completed and accepted 4184
 Usual 35 days 4184
 TOTAL COST, \$16,736
 Bond, \$3368. Sureties, F. H. Martell &
 Geo. H. Jovick, Forfeit, none. Limit,
 90 days. Plans and specifications filed.

CABINET WORK, ETC.
 (4102) 621 MARKET ST. All work
 cabinet, carpenter, wood finishing
 work, in store.

Owner—The and Whistle Co., 31 Pow-
 ell St., S. F.
 Architect—Alfred H. Jacobs, 110 Sutter
 St., S. F.
 Contractor—L. and E. Emanuel, Inc.,
 2665 Jones St., S. F.
 Filed Sept. 26, '24. Dated Sept. 25, '24.
 Completed and accepted \$5024.25
 Usual 35 days 1674.75
 TOTAL COST, \$6699
 Bond, \$6699. Sureties, Grover Mag-
 ninn. Forfeit, limit, none. Plans and
 specifications filed.

(4103) PLUMBING, GAS AND STEAM
 fitting work on above.
 Contractor—Antone Lettich, 365 Fell
 St., S. F.
 Filed Sept. 26, '24. Dated Sept. 24, '24.
 Completed and accepted \$900
 Usual 35 days after 900
 TOTAL COST, \$3600
 Bond, \$1800. Sureties, Standard Ac-
 cident Ins. Co. Forfeit, limit, none.
 Plans and specifications filed.

APARTMENTS
 W. DOLORES 167-6 N. 17th. Three-
 story and basement frame (6)
 apartments.
 Owner—A. C. and G. M. Hutchinson,
 3242 22nd St., San Francisco.
 Architect—W. C. Mahoney, 159 Sutter
 St., San Francisco.
 Contractor—Maher & Rawls, Mills
 Bldg., S. F. \$16,000

DWELLINGS
 W. FORTY-EIGHTH AVE. 200, 225, 250
 and 275 S. Lincoln Way. Four one-
 story and basement frame dwell-
 ings.
 Owner—Adolph Suito, 1199 Stanyan St.,
 San Francisco.
 Architect—W. C. Falch, Hearst Bldg.,
 San Francisco.
 Contractor—James Arnott & Son, 235
 Granville Way, S. F. \$3950 each
 NOTE—Recorded contract reported
 Sept. 26, 1924, No. 4082.

DWELLINGS
 (4104) E. BRIGHTON 100, 125, 150 and
 175 N. Lake. Four one-story and
 basement frame dwellings.
 Owner—James A. Arnott, 235 Granville
 Way, San Francisco.
 Architect—None.
 Contractor—James Arnott & Sons, 235
 Granville Way, San Francisco. \$4000 each

MARKET
 (4105) S. GEARY 80 W. Twentieth Ave.
 One-story and mezzanine floor
 concrete market.
 Owner—Vincent Onorato, 1732 Balboa
 St., San Francisco.
 Architect—A. M. Hardy, 518 24th Ave.,
 San Francisco.
 Contractor—A. M. Hardy, 518 24th Ave.,
 San Francisco. \$10,000

DWELLING
 (4106) S. BOSWORTH 50 W. Cuvier.
 One-story and basement frame
 dwelling.
 Owner—Frank Calzia, 86 Mohawk St.,
 San Francisco.
 Architect—R. E. Irvine, 739 New Call
 Bldg., San Francisco.
 Contractor—Simplex Unit Constr. Co.,
 106 11th St., S. F. \$3000

DWELLING
 (4107) N. STAPLES 125 W. Edna. One-
 story and basement frame dwlg.
 Owner—M. A. Austin, 316 Bush St., San
 Francisco.
 Architect—None.
 Contractor—James Arnott & Son, 235
 Granville Way, S. F. \$3900

APARTMENTS
 (4108) NE JONES AND MAGGIE
 Alley. Six-story and basement
 steel frame and brick (53) apart-
 ments.
 Owner—A. Hanch, Room 711, 110 Sut-
 ter St., San Francisco.
 Architect—Albert W. Burgren, 110
 Sutter St., San Francisco.
 Contractor—G. P. W. Jensen, 180 Jes-
 sie St., San Francisco. \$152,000

GARAGE
 (4109) NW COLUMBUS AVE AND
 Washington. Construct concrete
 ramp from 1st floor to basement
 (pub. garage).
 Owner—R. Devolo, Drexler Bldg., San
 Francisco.

Architect—Alfred P. Fisher Nevada Bldg. Co., San Francisco.
Contractor—McDonald & Kahn, 120 Montgomery St., S. F. \$2000

DWELLING
(4110) NW VALLENA 230 E Fresno one-story and basement frame dwelling.
Owner—Ed Scully, 667 Valencia St., San Francisco.
Architect—None.
Contractor—Frank Hanna, 6 Gladys St., San Francisco. \$4000

REHABILITATION
(4111) NE BRYANT AND HESLEY All work for building.

Owner—Thos. H. Giesey, Margaret A. Keam and Mary E. Healy, 943 Guerrero St., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco.
Contractor—J. Botman, 275 Nevada St., San Francisco.

Filed Sept. 27, '24. Dated Sept. 16, '24.
Grading and foundations completed \$ 500
Brick work completed 500
Completed and accepted 1050
Usual 35 days 1000
TOTAL COST, \$3550

Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

FLAT BLDG.
(4112) W NINETEENTH AVE 51 S Judah St. 25x40 ft. All work for two-story and garage frame flat building.

Owner—Harry A. Marks, 990 Valencia St., San Francisco.
Architect—None.
Contractor—H. Meinberger, 653 15th Ave., San Francisco.

Filed Sept. 27, '24. Dated Sept. 23, '24.
Rough frame up \$3250
Brown coated 250
Completed and accepted 250
Usual 35 days 350
TOTAL COST, \$13,000

Bond, \$5000. Sureties, Caroline L. Smith and Val Meinberger. Limit, 110 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(4113) BLK BED BY ARMY, VALENCIA, DUNCAN and SAN JOSE AVE. All work for alterations and additions to hospital and nurses' home.

Owner—St. Luke's Hospital, Premises.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., S. F.

Filed Sept. 27, '24. Dated Sept. 3, '24.
On 1st of each month 750
Usual 35 days 1250
TOTAL COST, \$126,045

Bond, none. Limit, 120 days after July 17. Forfeit, none. Plans and specifications filed.

APARTMENTS
(4114) E DEARBORN 100 S 17th St. Two-story and basement frame (4) apartments.

Owner—Geo. Campbell.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 860 Bush St., San Francisco. \$8000

(4115) S CHESTNUT 61 SE Webster. Two-story and basement frame (2) flats.

Owner—Salvatore and Luisa Minutoli, 3226 Laguna St., San Francisco.
Architect—A. R. Ambrosini, 1105 Bush St., San Francisco. \$9000

(4116) W FIFTH 25 S Shipley. Two-story and annex Class C garage.

Owner—William and Arthur Hoelscher, 26 Montgomery St., S. F.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. \$15,000

MARQUEUSE
(4117) NO. 1130 MARKET. Erect marqueuse.

Owner—Mineral Cafe, Premises.
Architect—None.
Contractor—Federal Elec. Co., 91 New Montgomery St., S. F. \$1900

ALTERATIONS
(4118) W TWENTY-SIXTH AVE 150 N California. Alterations and additions for two-story and basement frame (2) flats.

Owner—August Wolfram, 271 26th Ave., San Francisco.
Architect—H. E. Poyser, 2417 26th Ave., San Francisco.
Contractor—Edward A. Johnson, 1229 Ulloa St., S. F. \$3000

ALTERATIONS
(4119) S LINCOLN WAY 75 C 17th Ave. Concrete foundation; cement floor; underpinning for dwelling.

Owner—R. H. Moore, 75 Contractor.
Architect—None.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. \$1000

ALTERATIONS
(4120) S LINCOLN WAY 100 D 17th Ave. Concrete foundation; cement floor; underpinning for dwelling.

Owner—R. H. Moore, 75 Contractor.
Architect—None.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. \$1000

DWELLING
(4121) S KIRKHAM 82½ E 12th Ave. One-story and basement frame dwelling.

Owner—Ocean Ave. Realty Co., Ocean Ave., San Francisco.
Architect—None.
Contractor—John Brynmen, 1280 Page St., San Francisco. \$2800

DWELLING
(4122) S ANZA 82-6 E Forty-second Ave. Two-story and basement frame dwelling.

Owner—Gordon Leask, 434 Duncan St., San Francisco.
Architect—None. \$4000

ALTERATIONS
(4123) NO. 733 MARKET. Change 2nd story double hung windows to Giesey Patent windows; repair plastering; painting; plumbing; repairs; refinish flooring.

Owner—City Investment Co., United Bk. & Trust Co. Bldg., S. F.
Architect—None.
Contractor—Grace & Bernieri, 705 Market St., S. F. \$2000

DWELLING
(4124) E AVILA 297-6 S Copra Way. 1-story and basement frame dwlg.

Owner—Lang Realty Co., Chestnut and Steiner Sts., S. F.
Plans by Owners. \$1000

ALTERATIONS
(4125) S MISSION 250 E 16TH. Change front; new show windows and hotel front.

Owner—Herbst Bros., 1525 Mission St., San Francisco.
Architect—None.
Contractor—F. R. Siegrist Co., 604 Williams Bldg., S. F. \$2000

FLATS
N GREEN 85-6 E Taylor. Two-story and basement frame (2) flats.

Owner—Jewel Schweitzer.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—J. Prout, 515 Magellan Ave., San Francisco. \$12,000

NOTE—Recorded contract reported Sept. 27, 1924, No. 4101.

REFRIGERATING PLANT
(4126) NE ANZA AND SIXTH AVE. N 600 x E 240. All work for automatically controlled refrigerating plant in kitchen pavilion of French Hospital.

Owner—La Societe Francaise de Bien-faisance Mutuelle, Premises.
Architect—Albert J. Pabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Cyclops Iron Works, 837 Folsom St., S. F.

Filed Sept. 29, '24. Dated \$3344
Completed and accepted 1125
Usual 35 days 1000
TOTAL COST, \$4469

Bond, sureties, none. Forfeit, \$1000 per day. Limit, 60 days. Plans and specifications filed.

THEATRE
(4127) N JACKSON 107-11 W Kearny N 137-6 W 61-10 S 137-6 E 61-10 S. All work for class A theatre bldg.

Owner—Ying Mee Lun Hop Theatrical Co., 801 Grant Ave., S. F.
Architect—N. W. Mohr, 320 California St., S. F.
Contractor—H. L. Peterson, 35 Montgomery St., S. F.

Filed Sept. 29, '24. Dated Sept. 26, '24.
Steel frame up \$13,900
Roof completed and fire walls poured 12,850
Brown coated 12,850
Completed 12,825
Usual 35 days 17,125
TOTAL COST, \$69,550

Bond, \$14,775. Sureties, American Surety Co. Forfeit, none. Limit, 140 days. Plans and specifications filed.

PLASTERING
(4128) 1717 BUSH STREET. Plaster exterior of apartments.

Owner—Josie Bloomingdale and Mrs. Mattie Kline, 1717 Bush St., San Francisco.
Architect—None.
Contractor—H. B. Ray, 636 Rivera St., San Francisco. \$2000

ALTERATIONS
(4129) 2941 BRODERICK STREET. Cement plaster front; terrazzo steps; remodel for basement garage; oak flooring; painting; etc. for flats.

Owner—Joe Corrinio, 2941 Broderick St., San Francisco.
Architect—None.
Contractor—W. W. Rednal, 2500 Filbert St., S. F. \$1800

DWELLING
(4130) E THIRTY-FOURTH AVE. 75 N Irving. 1-story and basement frame dwelling.

Owner—Jacob Held, care contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000

DWELLINGS
(4131) W EIGHTH AVE. 31 & 60 N Moraga. Two 1-story and basement frame dwellings.

Owner—F. Monson, 2350 Filbert St., San Francisco.
Architect—None. \$4000 each

DWELLING
(4132) E AVILA 25 S Alhambra. 1-story and basement frame dwelling.

Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$3000

APARTMENTS
(4133) S O'FARRELL 162-6 W Larkin. 4-story and basement reinforced concrete (23) apartments.

Owner—O. E. Carlson, 180 Jessie St., San Francisco.
Architect—None. \$38,000

APARTMENTS
(4134) SW GUERRERO AND FIFTEENTH STREETS. 3-story and basement frame (9) apartments.

Owner—Mrs. D. S. Hill, 2431 Folsom St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—J. H. Davis, 2431 Folsom St., San Francisco. \$12,000

ALTERATIONS ETC.
(4135) 362 CLAYTON ST. General alterations and repairs for residence.

Owner—R. D. Richards, 362 Clayton St., San Francisco.
Architect—None.
Contractor—Oliver Duval & Son, 216 Dalziel Bldg., Oakland. \$2000

ALTERATIONS
(4136) NE CALIFORNIA & DRUMM Sts. Construct 3 entrances for garage; construct runway for basement.

Owner—R. F. Phillips, care architects.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F. \$1500

FLAT BLDGS.
(4137) S ANZA 48 & 81-6 W 28th Ave. Two 2-story and basement frame flats (2 flats in each building).

Owner—Alma Olan.
Architect—Roller and Meherin, 117 Front St., S. F.
Contractor—C. F. Parker, 251 Kearny St., San Francisco. \$6000 each

APARTMENTS
(4138) N GROVE 110 E Octavia. 2-story and basement frame (4) apartments.

OWNER—Wm. Meyer, 172 Grove St., San Francisco.
Plans by owner.
Contractor—Geo. D. Gilmore, 1953 Howard St., S. F. \$7000

DWELLINGS
(11292) 816 LUNADO AVE. & HOLLOMAN AVE. E. Lunado, 100 200 300 N. Holloway, NE Lunado and E. Hester Aves. 5 2-story & basement frame dwellings.
Owner—C. S. Allred, 159 Liberty St., San Francisco. \$6000 each

WALL
(1140) 1476 NINETEENTH AVENUE.
Construct concrete retaining wall.
Owner—Mrs. Kaehler, premises.
Architect—None. \$1000

CLASSIC BLDG.
(1111) 35 HOWARD 187-6 E Twelfth. 6-story and mezzanine floor class B reinforced concrete industrial plant.
Owner—Bedon-Recker Co., 601 Mission St., S. F.
Architect—None.
Contractor—Buschke & Brown, 604 Mission St., S. F. \$5000

ALTERATIONS
(1110) 400 POTRERO AVE. Raise dwelling; construct concrete foundation; erect stairs.
Owner—Mr. Jansen, 848 Potrero Ave., San Francisco.
Architect—None.
Contractor—Pearson & Johnson, 2031 Bryant St., S. F. \$1000

WAREHOUSE
(1140) N. HARRISON BET. SPEAR & STUBBART Sts. 6-story and basement reinforced concrete and brick warehouse.
Owner—Hills Bros., 175 Fremont St., San Francisco.
Architect—Geo. W. Kelham, Sharon Bldg., S. F.
Contractor—P. J. Walker Co., Sharon Bldg., S. F. \$1,000,000

SALESROOM
(1141) 3 GEARY 175 E Arguello Blvd. 1-story and mezzanine floor furniture salesroom.
Owner—H. M. Hagemann, 1533 Pine St., San Francisco.
Architect—S. Heiman, 57 Post St., S. F.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. \$5000

FOUNDATION, ETC.
(1145) 200 S. BUENA VISTA TERRACE. Construct concrete foundation; underpin and make general repairs for dwlg.
Owner—Miss M. Higgins, 322 Fair Oaks St., S. F.
Architect—None.
Contractor—Pearson & Johnson, 2031 Bryant St., S. F. \$1000

DWELLING
(1146) N. VASQUEZ 50 W. Woodside Ave. 1 1/2-story and basement frame dwelling.
Owner—Hawkins Improvement Co., Mills Bldg., S. F.
Architect—O. R. Thayer, 110 Sutter St., San Francisco. \$3000

DWELLING
S. YERBA BUENA 262 E Santa Paula Ave. 1-story and basement frame dwelling.
Owner—Mr. and Mrs. E. A. Breyman 75 Palm Ave., S. F.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., S. F. \$4000

NOTE—Recorded contract reported Sept. 26, 1924, No. 4081.

STORES
(1147) N. NINETEENTH 80 E Mission E 42-6 x N 60. All work except shades and chandeliers for 1-story frame bldg. (stores).
Owner—M. E. Doyle, 815 Pierce St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., S. F.
Contractor—G. Ferroni & Sons, 1926 Filbert St., S. F.
Filed Sept. 30, 21. Dated Sept. 26, '24.
Rough frame up and roof boards on \$1200
Brown coated 1400

Completed and accepted 1000
Usual 35 days 3000
TOTAL COST, \$5500
15000, \$2000. Sures, A. Bonded and V. Francisco. Forfeit none. Limit 30 days. Plans and specifications filed.

FRAME BLDG.
(1118) SE BENNINGTON AND HIGHLAND Aves. All work for 1-story frame bldg.
Owner—W. Brennel and Ida Brennel.
Architect—None.
Contractor—Samuel Sager, 209 Felton St., S. F.
Filed Sept. 30, '24. Dated Sept. 22, '24.
Rough frame work done \$1000
2nd coat plaster on 1500
Completed 1050
TOTAL COST, \$3100
Bond, sureties, forfeit, none. Limit, 60 days. Plans and specifications not filed.

DWELLING
(1149) SW PALOU 275 NW Lane St. 1-story frame dwelling.
Owner—John and Lena Reil, 1543 Palou Ave., S. F.
Architect—None.
Contractor—Samuel H. Hansen, 1917 Third St., S. F. \$3550

FLATS
(1150) W. TWENTYFTH AVE. 58 N. Cabrillo. 2-story and basement frame 2 flats.
Owner—Christenson Bros., 48 25th Ave. San Francisco. \$8000
Plans by owner.

DWELLING
(1151) W. COLLEGE AVE. 63 N. Murray. 1-story frame dwelling.
Owner—G. W. Morris, 101 Urbano Dr., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—G. W. Morris, 101 Urbano Drive, S. F. \$4000

DWELLING
(1152) W. COLLEGE AVE. 31 N. Murray. 1-story frame dwelling.
Owner—G. W. Morris, 101 Urbano Dr., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—G. W. Morris, 101 Urbano Drive, S. F. \$4000

DWELLING
(1153) E. FORTY-SECOND AVE. 168 S. Anza. 2-story frame dwelling.
Owner—A. A. and Oleta W. Hicks, 658 38th Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—Milton Bros., 375 22nd Ave. San Francisco. \$5900

DWELLING
(1154) N. VASQUEZ 50 W. Woodside. 1-story frame dwelling.
Owner—Hawkins Imp. Co., Mills Bldg., San Francisco.
Architect—O. R. Thayer, French Bank Bldg., S. F.
Contractor—Hawkins Imp. Co., Mills Bldg., S. F. \$2000

DWELLING
(1155) N. MARTHA W. Burnside. 1-story frame dwelling.
Owner—John A. Hansen, 675 Howard St., S. F.
Architect—None.
Contractor—John A. Hansen, 675 Howard St., S. F. \$1800

DWELLING
(1156) W. TWELFTH AVE. 250 N. Cabrillo. 1-story frame dwelling.
Owner—T. Morris, 687 11th Ave., San Francisco.
Architect—None.
Contractor—A. T. Morris, 687 11th Ave., San Francisco. \$7000

DWELLING
(1157) W. COLLEGE AVE. 46 S. Genevieve Way. 1-story frame dwlg.
Owner—G. W. Morris, 101 Urbano Dr., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—G. W. Morris, 101 Urbano Drive, S. F. \$4000

APARTMENTS
(1158) W. EIGHTH AVE. 295 S. Kirkham. 2-story frame apartments.
Owner—W. G. Bray, 1249 4th Ave., S. F.

Architect—Henry Sherman, 1230 Hearst Bldg., S. F.
Contractor—Paul K. Jones, 180 Jessie St., S. F. \$16,000

BRICK BLDG.
(1159) SW FOURTEENTH AND HARRISON. 2-story brick coporate.
Owner—Wesson Company, Co. 11th and Harrison, S. F.
Engineer—Austin Co. of Cal., Room 709 Santa Fe Bldg., S. F. \$99,000

DWELLING
(1160) E. FOURTEENTH AVE. 135 N. 11th. N. 30 x 15 1200 sq. ft. All work for 1-story and basement frame dwlg.
Owner—Joseph and Clara Allen.
Architect—R. R. Irvine, Call Bldg., San Francisco.
Contractor—Meyer Bros., 1 Montgomery St., S. F.
Filed Oct. 1, 1924. Dated Sept. 30, 1924.
Sub and roof sheathing on \$1525
Brown coated 1525
Completed 1525
Usual 35 days 1525
TOTAL COST, \$6100
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

FLATS
(1161) W. GOUGH 62-6 S. Francisco St. 25 x W. 87-6. All work except finish hardware, shades, chandeliers and wall paper for 2-story and basement frame bldg. flats.
Owner—Susie L. Buhlinger, 176 27th St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., S. F.
Contractor—O. K. Holt, 3877 26th St., San Francisco.
Filed Oct. 1, 1924. Dated Sept. 29, 1924.
Rough frame work \$2500
Brown coated 2800
Completed and accepted 3234
Usual 35 days 3600
TOTAL COST, \$12,134

Bond, \$6100. Sureties, J. Olsen and Henry Harder. Forfeit, none. Limit, 90 days. Plans and specifications filed.
BLDG.
(1162) IN REAR OF 1228 FOLSOM facing on Clementina. All work for bldg.
Owner—Duncke & Thomas, 1228 Folsom St., S. F.
Architect—None.
Contractor—S. C. Hodges, 1327 Laguna St., S. F.
Filed Oct. 1, 1924. Dated Sept. 30, 1924.
When permit obtained \$927.33
Completed \$927.33
30 days after \$12.44
TOTAL COST, \$2677
Bond, sureties, forfeit, limit, none. Plans and specifications not filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded **Accented**
Sept. 25, 1924—NW ELLINGTON AVE. 70 S. 126-6, 101-6, 151-6 SW Mt. Vernon SW 25 x NW 100; SE Ellington 51-6 SW Mt. Vernon SW 25 x SE 75; S Mt. Vernon and Ellington SW 26-6 x SE 75. Fred Braun to whom it may concern, each Sept. 23, 1924
Sept. 25, 1924—N McALLISTER 180 E First Ave. 52-10 x 137-6. H. C. Christiansen to whom it may concern Sept. 25, 1924
Sept. 25, 1924—N CARRILLO 24 W 18th Ave. 25 x 100, Chas. W. Johnson and Hjalmar Anderson to whom it may concern Sept. 25, 1924
Sept. 25, 1924—W FULTON AND Lyon 21-1 x 100. O. M. Oyen to whom it may concern Sept. 22, 1924
Sept. 25, 1924—LOT 5, BLK. 5802, St. Mary's Park. John N. and Annabelle J. Baruther to F. W. Varney Sept. 16, 1924
Sept. 25, 1924—NW BRUNSWICK 128 SW Guttenberg SW 25 x NW 106-6 Ptn Lot 71. West End Hotel Co. to Bjorkman to whom it may concern Sept. 24, 1924
Sept. 24, 1924 SE 21-6 Lot 38 and NW 34 Lot 39 Blk. 275 Map HKS 2975, 2983 and 2985 W. Varney Court. Lillian B. White to James Arnott & Son Sept. 17, 1924

Architect—Alf. P. Fisher Nevada Bk. Bldg., San Francisco.
Contractor—Macdonald & Kahn, 130 Montgomery St., S. F. \$2000

DWELLING
(4110) NW VIENNA 200 E Frame—One-story and basement frame dwelling.
Owner—Ed. Scully, 637 Vienna St., San Francisco.
Architect—None.
Contractor—Frank Hanna, 6 Gladys St., San Francisco. \$4000

BUILDING
(4111) NE BRYANT AND CHESLEY. All work for building.
Owner—Thos. H. Casey, Margaret A. Kean and Mary E. Healy, 973 Guerrero St., San Francisco.
Architect—E. Righetti, 12 Geary St., San Francisco.
Contractor—J. Botman, 275 Nevada St., San Francisco.
Filed Sept. 27, '24. Dated Sept. 16, '24.
Grading and foundations completed \$ 900
Brick work completed 900
Completed and accepted 1050
Usual 35 days 1000
TOTAL COST, \$3850
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

FLAT BLDG.
(4112) W NINETEENTH AVE 51 S Judah St 25xW 95 All work for two-story and garage frame flat building.
Owner—Harry A. Marks, 990 Valencia St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 653 15th Ave., San Francisco.
Filed Sept. 27, '24. Dated Sept. 23, '24.
Rough frame up \$2500
Brown coated 3250
Completed and accepted 3250
Usual 35 days 3250
TOTAL COST, \$13,000
Bond, \$5000. Sureties, Caroline L. Smith and Val Meinberger. Limit, 110 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(4113) BLK EDED BY ARMY, Valencia, Duncan and San Jose Ave. All work for alterations and additions to hospital and nurses' home.
Owner—St. Luke's Hospital, Premises.
Architect—Lewels P. Hobart, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., S. F.
Filed Sept. 27, '24. Dated Sept. 3, '24.
On last of each month 75%
Usual 35 days 126,045
TOTAL COST, \$126,045
Bond, none. Limit, 120 days after July 17. Forfeit, none. Plans and specifications filed.

APARTMENTS
(4114) E DEARBORN 100 S 17th St. Two-story and basement frame (4) apartments.
Owner—Geo. Campbell.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 860 Bush St., San Francisco. \$8000

(4115) S CHESTNUT 61 SE Webster. Two-story and basement frame (2) flats.
Owner—Salvatore and Luisa Minutoli, 3229 Laguna St., San Francisco.
Architect—A. R. Ambrosini, 1105 Bush St., San Francisco. \$9000

(4116) W FIFTH 25 S Shipley. Two-story and annex Class C garage.
Owner—William and Arthur Hoelscher, 26 Montgomery St., S. F.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. \$15,000

MARQUEISE
(4117) NO. 1130 MARKET. Erect marqueise.
Owner—Mineral Cafe, Premises.
Architect—None.
Contractor—Federal Elec. Co., 91 New Montgomery St., S. F. \$1000

ALTERATIONS
(4118) W TWENTY-SIXTH AVE 150 N California. Alterations and additions for two-story and basement frame (2) flats.

Owner—August Wolfram, 271 26th Ave., San Francisco.
Architect—L. E. Dwyer, 2417 26th Ave., San Francisco.
Contractor—Edward A. Johnson, 1229 Ulloa St., S. F. \$3000

ALTERATIONS
(4119) S LINCOLN WAY 75 E 17th Ave. Concrete foundation; cement floor; underpinning for dwelling.
Owner—R. H. Moore, % Contractor.
Architect—None.
Contractor—S. Malloch, 180 Jessie St., San Francisco. \$1000

ALTERATIONS
(4120) S LINCOLN WAY 100 E 17th Ave. Concrete foundation; cement floor; underpinning for dwelling.
Owner—R. H. Moore, % Contractor.
Architect—None.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. \$1000

DWELLING
(4121) S KIRKHAM 82½ E 12th Ave. One-story and basement frame dwelling.
Owner—Ocean Ave. Realty Co., Ocean Ave., San Francisco.
Architect—None.
Contractor—John Brynmen, 1280 Page St., San Francisco. \$2800

DWELLING
(4122) S ANZA 82-6 E Forty-second Ave. Two-story and basement frame dwelling.
Owner—Gordon Leask, 434 Duncan St., San Francisco.
Architect—None. \$4000

ALTERATIONS
(4123) NO. 733 MARKET. Change 2nd story double hung windows to Giesey Patent windows; repair plastering; painting; plumbing; repairs; refinish flooring.
Owner—City Investment Co., United Bk. & Trust Co. Bldg., S. F.
Architect—None.
Contractor—Grace & Bernieri, 703 Market St., S. F. \$2000

DWELLING
(4124) E AVILA 207-6 S Copra Way. 1-story and basement frame dwlg.
Owner—Lang Realty Co., Chestnut and Steiner Sts., S. F.
Plans by Owners. \$4900

ALTERATIONS
(4125) S MISSION 250 E 16TH. Change front; new show windows and hotel front.
Owner—Herbst Bros., 1525 Mission St., San Francisco.
Architect—None.
Contractor—F. R. Siegrist Co., 604 Williams Bldg., S. F. \$2000

FLATS
N GREEN 85-6 E Taylor. Two-story and basement frame (2) flats.
Owner—Jewel Schweitzer.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—J. Prout, 515 Magellan Ave., San Francisco. \$12,000

NOTE—Recorded contract reported Sept. 27, 1924, No. 4101.

REFRIGERATING PLANT
(4126) NE ANZA AND SIXTH AVE. N 600 x E 240. All work for automatically controlled refrigerating plant in kitchen pavilion of French Hospital.

Owner—La Societe Francaise de Bien-faisance Mutuelle, Premises.
Architect—Albert J. Pabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Cyclops Iron Works, 837 Folsom St., S. F.
Filed Sept. 29, '24. Dated \$3344
Completed and accepted 1125
Usual 35 days 1125
TOTAL COST, \$4469

Bond, sureties, none. Forfeit, \$1000 per day. Limit, 60 days. Plans and specifications filed.

THEATRE
(4127) N JACKSON 107-11 W Kearny N 137-6 W 61-10 S 137-6 E 61-10 S. All work for class A theatre bldg.
Owner—Wing Lee Lun Ho Theatrical Co., 801 Grant Ave., S. F.
Architect—N. W. Mohr, 320 California St., S. F.
Contractor—H. L. Peterson, 35 Montgomery St., S. F.

Filed Sept. 29, '24. Dated Sept. 26, '24.
Steel frame up \$12,900
Roof completed and fire walls poured 12,850
Brown coated 12,850
Completed 12,825
Usual 25 days 17,125
TOTAL COST, \$69,550
Bond, \$24,775. Sureties, American Surety Co. Forfeit, none. Limit, 140 days. Plans and specifications filed.

PLASTERING
(4128) 1717 BUSH STREET. Plaster exterior of apartments.
Owner—Josie Bloomingdale and Mrs. Hattie Kline, 1717 Bush St., San Francisco.
Architect—None.
Contractor—H. B. Ray, 636 Rivera St., San Francisco. \$2000

ALTERATIONS
(4129) 2941 BRODERICK STREET. Cement plaster front; terrazzo steps; remodel for basement garage; oak flooring; painting; etc. for flats.
Owner—Joe Corrinio, 2941 Broderick St., San Francisco.
Architect—None.
Contractor—W. W. Rednal, 2500 Filbert St., S. F. \$1800

DWELLING
(4130) E THIRTY-FOURTH AVE. 75 N Irving. 1-story and basement frame dwelling.
Owner—Jacob H. Heid, care contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000

DWELLINGS
(4131) W EIGHTH AVE. 31 & 60 N Moraga. Two 1-story and basement frame dwellings.
Owner—F. Monson, 2350 Filbert St., San Francisco.
Architect—None. \$4000 each

DWELLING
(4132) E AVILA 25 S Alhambra. 1-story and basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$3000

APARTMENTS
(4133) S O'FARRELL 162-6 W Larkin. 4-story and basement reinforced concrete (23) apartments.
Owner—O. E. Carlson, 180 Jessie St., San Francisco.
Architect—None. \$38,000

APARTMENTS
(4134) SW GUERRERO AND FIFTEENTH. Streets. 3-story and basement frame (9) apartments.
Owner—Mrs. D. S. Hill, 2431 Folsom St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—J. H. Davis, 2431 Folsom St., San Francisco. \$12,000

ALTERATIONS ETC.
(4135) 962 CLAYTON ST. General alterations and repairs for residence.
Owner—R. D. Richards, 962 Clayton St., San Francisco.
Architect—None.
Contractor—Oliver Duval & Son, 215 Dalziel Bldg., Oakland. \$2000

ALTERATIONS
(4136) NE CALIFORNIA & DRUMM Sts. Construct 3 entrances for garage; construct runway for basement.
Owner—R. F. Phillips, care architects.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F. \$1500

FLAT BLDGS.
(4137) S ANZA 48 & 81-6 W 28th Ave. Two 2-story and basement frame flats (2 flats in each building)
Owner—Alma Mann.
Architect—Roller and Meherin, 117 Front St., S. F.
Contractor—C. F. Parker, 251 Kearny St., San Francisco. \$6000 each

APARTMENTS
(4138) N GROVE 110 E Octavia. 2-story and basement frame (4) apartments.

Arnott & Son, Sept. 17, 19

Sept. 24, 1924—NO. 1465 TWENTY-THIRD AVE. P S Miller to whom it may concern.....Sept. 25, 1924

Sept. 24, 1924—N FULTON 27-6 E Fifteenth Ave. A Bergees to S Montali.....Sept. 27, 1924

Sept. 24, 1924—W FLYMOUTH AVE 125 N Grafton Ave N 25x112-6. C Warwick to whom it may concern.....Sept. 23, 1924

Sept. 24, 1924—W TWENTY-THIRD AVE 231-1 N Irving N 25-11xW 120. Hugh A and Elsie M Houston to whom it may concern.....Sept. 18, 1924

Sept. 24, 1924—NW HALE 75-11 E McNeill NE 21-11xW 75-11 E Blk 3 Tract A Peoples Hd Assn. John Stanley to whom it may concern.....Sept. 3, 1924

Sept. 24, 1924—NE SIXTH 55 NW Minna 25x75. H F Ramacciotto to O W Britt.....Sept. 20, 1924

Sept. 24, 1924—E TWENTIETH AVE 125 N Kirkham N 90x8 E 120. A B Harrison to Meyer Bros.....Sept. 24, 1924

Sept. 24, 1924—E THIRTY-FIFTH AVE 200 S Lincoln Way S 25x120. J W Mason to whom it may concern.....Sept. 24, 1924

Sept. 24, 1924—W FUNSTON AVE 175 N Kirkham N 50xW 120. John E and Ethel M McCarthy to whom it may concern.....Sept. 23, 1924

Sept. 24, 1924—E THIRTY-SEVENTH AVE 25 E 25th and 75 S Fulton 25x120. L E Hammond to whom it may concern.....Sept. 24, 1924

Sept. 24, 1924—E HOWARD 215 S Twenty-first 30x122-6. Henry C Bach to Thos. McCormick.....Sept. 24, 1924

Sept. 26, 1924—E 42ND AVE. 150 S Balboa S 25 x E 120. John L Bush to Henry S. Nelson.....Sept. 24, 1924

Sept. 26, 1924—NE JACKSON AND Arguello Blvd. E 60 N to Presidio Wall SW to Arguello Blvd. S 56-234. Julius Behrend to J. S. Kirby and Sons.....Sept. 20, 1924

Sept. 26, 1924—LOT 10 BLK. 32, Forest Hill Extension. J. Prout to whom it may concern.....Sept. 24, 1924

Sept. 26, 1924—W 33RD AVE. 255 S Balboa 25 x 120. William Costello to whom it may concern.....Aug. 19, 1924

Sept. 26, 1924—W 33RD AVE. 250 S Balboa 25 x 120. S Newman 25 W Bennington 25 x 95. Wm. Costello to whom it may concern.....Sept. 26, 1924

Sept. 26, 1924—LOT 43 BLK. N. Map Shaving Sub. prop. of Mission St. Land Co. Homestead Realty Co. to whom it may concern.....Sept. 24, 1924

Sept. 26, 1924—W 6TH AVE. 195 N Harrison 80 on 6th x 120. Wm. H. Woodfield, Jr. to J. H. Hild.....Sept. 24, 1924

Sept. 26, 1924—W THIRTY-FIFTH AVE 125 N Irving N 25xW 120; W 35th Ave 150 N Irving N 25xW 120. Edw J McCrea and Frank Meacroe to whom it may concern.....Sept. 24, 1924

Sept. 26, 1924—W FORTIETH AVE 100 S Anza S 25xW 120. Malvin Siechel to Meyer Bros.....Sept. 26, 1924

Sept. 26, 1924—E QUINT & EVANS NE 200XE 150. F S Luckley to Meyer Bros.....Sept. 24, 1924

Sept. 26, 1924—E THIRTY-SIXTH AVE 300 S Geary S 50x E 120. Fred E Caylor to Meyer Bros.....Sept. 26, 1924

Sept. 26, 1924—W SIXTH AVE 85 S Hugo 25x55. Fred Fliske to whom it may concern.....Sept. 26, 1924

Sept. 26, 1924—W PENINSULA AVE 96 N Bay Shore Ave N 23xW 100 Ptn Blk 12, Crocker Amazon Tract Crocker Estate Co. to whom it may concern.....Sept. 23, 1924

Sept. 26, 1924—PTN LOTS 21 AND 22 Blk 6438, Crocker Amazon Tract Sub 2. Crocker Estate Co. to whom it may concern.....Sept. 23, 1924

Sept. 26, 1924—W COR MARKET, Powell and Eddy, No. 902 Market. Milton Jonas to The Fink & Schindler.....Sept. 27, 1924

Sept. 27, 1924—S WASHINGTON 68-9 E Jones E 55xS 90. Axel A Johnson to whom it may concern.....Sept. 2, 1924

Sept. 26, 1924—LOT 10 NOT given in document. Known as Grove 106-3 E Stanyan E 25xN 125. Catherine E Pernaat to C T Magill.....Sept. 26, 1924

Sept. 26, 1924—E ELIZABETH 173 E Noe E 51xN 114. A L Kreuzberger to Meyer Bros.....Sept. 26, 1924

Sept. 23, 1924—25x100 S SIDE Monterey Blvd. 200 N Genesee. Julie Anderson to A. J. Kronquist.....Sept. 13, 1924

Sept. 19, 1924—SE MONTEREY AND Foster S 100 x 25. Chas. and wife Lola L. Hamilton to whom it may concern.....Sept. 14, 1924

Sept. 24, 1924—W TWENTY-FIFTH AVE 175 N Ulloa N 25 x W 120. John Lindner to Meyer Bros.....Sept. 24, 1924

Sept. 24, 1924—W KANSAS 56 N Mariposa N 27xW 66-8. Peter Goeres to whom it may concern.....Sept. 27, 1924

Sept. 29, 1924—NO. 345 SEVENTH AVE. Edw Galvin to whom it may concern.....Sept. 15, 1924

Sept. 29, 1924—NE AVALON AVE & Lisbon 26x75. Bertha Gronholz to whom it may concern.....Sept. 22, 1924

Sept. 29, 1924—COM. ABOUT 135-6 W Valencia on N line 18th St. 25x105. S Hoffman to whom it may concern.....Sept. 22, 1924

Sept. 29, 1924—NE NIAGARA 25x8-6 SE Howth SE 25x50; NE Niagara Ave 53-6 SE Howth SE 25 x 60. H E Murphy to whom it may concern.....Sept. 24, 1924

Sept. 29, 1924—N FORTY-SEVENTH N 20th N 100xW 100. Peter Wally to whom it may concern.....Sept. 27, 1924

Sept. 25, 1924—E NINTH AVE 150 S Irving N 125 x W 100. M. W. Cox to Cox Bros, Inc.....Sept. 23, 1924

Sept. 29, 1924—S CHESTNUT 109 E Van Ness Ave E 30xS 110. William Heibing to whom it may concern.....Sept. 27, 1924

Sept. 29, 1924—S CHESTNUT 139 E Van Ness Ave E 30xS 110. William Heibing to whom it may concern.....Sept. 27, 1924

Sept. 29, 1924—FIFTH ST. Southern Pacific Co to Tibbitts Pacific Co.....Sept. 20, 1924

Sept. 29, 1924—LOTS 25, 26, 27 and 28 Blk C Mission Tract. Walter E. and Mary E. Hansen to whom it may concern.....Sept. 26, 1924

Sept. 30, 1924—SE WAWONA dist 12 SW from NE line Lot 27 Blk 2484 West Portal Park NE 35 SE 93,832 SW 35 on 1st NW 33,832 Efta S Allen to Arthur R Siges & Anthony Hill.....Sept. 27, 1924

Sept. 30, 1924—E HARRISON 200 E Mariposa S 50x E 120. The Lurie Co to Ukicevich & Bagge.....Sept. 29, 1924

Sept. 30, 1924—N GEARY bet. 8th & 9th Aves. The Roman Catholic Archbishop to Andrew Lynch.....Sept. 27, 1924

Sept. 30, 1924—N NATOMA 325 W 7th N 75xW 25. Ed Jones to Vukicevich & Bagge.....July 17, 1924

Sept. 30, 1924—E NINTH AVE 100 S Ortega S 125x E 120. Caroline E Mullen to Meyer Bros.....Sept. 27, 1924

Sept. 30, 1924—N PELL 81 N Fillmore No. 808-810 Fell. G R Johnson to whom it may concern.....Sept. 30, 1924

Sept. 30, 1924—E WEBSTER 70 N Haight N 52-8 E 72 S 10 x 8 27-6 W Adams to J. A. Blumenthal.....Sept. 29, 1924

Sept. 30, 1924—W TWENTY-EIGHTH AVE 25 N Balboa N 50xW 82. Wm McDonald to Thos Hamill.....Sept. 29, 1924

Sept. 29, 1924—SEVENTH from Berry to 16th. Southern Pacific Co to H S Glackin.....Sept. 25, 1924

Sept. 30, 1924—SW QUINCY AVE 75 N Lane 25x100. Renato Frediani to A Barsotti.....Sept. 29, 1924

Oct. 1, 1924—E HARRISON 108-4 S 19th S 91-8x E 200. George Wagner Inc to whom it may concern.....Sept. 29, 1924

Oct. 1, 1924—LOT 44, BLK. N. Map Sub Ppty of Mission St. Land Co. Homestead Realty Co to whom it may concern.....Sept. 30, 1924

Sept. 26, 1924—SW MARKET and 4th Sts. E. L. Lowry and J. J. Daly as Lowry & Daly vs Peoples Drug Store.....\$32.00

Sept. 25, 1924—SW NIAGARA AVE. 114-53 NW Mission NW 50 x SW 80-10 Ptn. Lot 10, Blk. 3 Map West End, Map 1. J. D. O'Brien vs. Maybell and Harry C. Pinkerton.....\$74.95

Sept. 29, 1924—E GUEIRREY 27-6 S 20th S 25x100. Thos E Brown vs Peter G and Sadie G Harris.....\$354.58

Sept. 24, 1924—W VALENCIA 65 N 26th N 60xW 90. Wm F Cody vs. Knapp & Jacobs.....\$1,000

Sept. 29, 1924—E BRIGHT 540 S Holloway S 25x E 100. John Cassaretto vs Charlotte McKee Stewart and J C O'Hara.....\$165.91

Sept. 29, 1924—W BRIGHT 190 S Holloway S 50xW 100. John Cassaretto vs Carl and Fred Olsen and J C O'Hara.....\$331.82

Sept. 29, 1924—W BRIGHT 340 S Holloway S 25xW 100. John Cassaretto vs Henry C Frey and J C O'Hara.....\$165.91

Sept. 29, 1924—W BRIGHT 415 S Holloway S 75xW 100. John Cassaretto vs J C O'Hara.....\$197.73

Sept. 29, 1924—W BRIGHT 365 S Holloway S 25xW 100. John Cassaretto vs Louise Thomas and J C O'Hara.....\$1,000

Sept. 29, 1924—W BRIGHT 390 S Holloway S 25xW 100. John Cassaretto vs Clara A Jensen and J C O'Hara.....\$165.91

Sept. 29, 1924—W BRIGHT 350 S Holloway S 25xW 100. John Cassaretto, \$165.91 and \$330.82 respectively vs David A Barry and J C O'Hara.....\$1,000

Sept. 27, 1924—NW EIGHTEENTH & Folsom N 50xW 100. Builders Supply Depot vs P. Papadopolos, S Delinikos and G Varsanopoulos and as Rose Restaurant and People Restaurant vs S Kordoulis (as Kordoulis Mfg Co).....\$108.90

Sept. 30, 1924—N BALBOA 85 E Funston Ave N 87-6x E 35. The Tozer Co vs R A Badt and George Peak and Mrs George Peak.....\$498

Sept. 30, 1924—E BRIGHT 215 S Holloway S 50x E 100. John Cassaretto vs B Strubulski and J C O'Hara.....\$331.82

Sept. 30, 1924—E BRIGHT 390 S Holloway S 100 N 100 W 100. John Cassaretto vs P Strulowski and J C O'Hara.....\$663.64

Sept. 30, 1924—E BRIGHT 540 S Holloway S 100x E 100. John Cassaretto vs Elizabeth D McMillan and J C O'Hara.....\$513.64

Sept. 30, 1924—E BRIGHT 165 S Holloway S 50x E 100. John Cassaretto vs Oscar and Hilda Wilson and J C O'Hara.....\$331.82

Sept. 29, 1924—W BRIGHT 165 AND 290 S Holloway S 25xW 100. John Cassaretto vs John B. Block and J C O'Hara (2 liens).....\$165.91 each

Sept. 29, 1924—E BRIGHT 365 S Holloway S 25 x E 100. John Cassaretto vs John F. Block and J C O'Hara.....\$663.64

Oct. 1, 1924—N FARRINGTON 250 E Capitol Ave E 25xN 125 Ptn Lot 6 Blk M, Railroad Hd Assn. The Greater City Lumber Co vs Edgar Munson and Ruth Kott.....\$15

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 29, 1924—W GUERRERO 27 N 18th N 25xW 80. John Walsh as to improvements on property.....

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded
Sept. 29, 1924—E THIRTY-EIGHTH AVE 25 S Cabrillo S 25x E 82-6 N Clark & Sons; D and R M Leonhardt to Charles Haggans.....
Sept. 29, 1924—E TWENTY-SIXTH AVE 175 N Ulloa N 25x E 120. Smith Co to John L and Rose Lepp.....
Sept. 29, 1924—W ARCH 148-4 S Holloway S 33-4xW 100. Spring Valley Lumber Yard to R Swendsen.....
Sept. 27, 1924—E THIRTY-SEVENTH AVE 25 S Cabrillo S 25x E 82-6 Joost Bros to Charles Haggans..... \$239.42

LIENS FILED

SAN FRANCISCO COUNTY

Recorded
Sept. 26, 1924—E 3RD 60 S TEHAMA 245 3rd. John J. Condon vs. Rebecca and John Doe Rudee.....\$95.
Sept. 26, 1924—N LAKE 65 S 1st Ave. 30 x N 22. J. H. Kruse vs. Bernice N. and W. S. Viera and S. Warren.....\$41.24

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Area
5001	Peckham	Anderson	9000
5002	Youngberg	Kellog	1000
5003	Smith	Fish	5557
5004	Mitchens	Thiele	2800
5005	Schaefer	Thorp	3000
5006	Norton	Owner	6000
5007	Hallested	Owner	10000
5008	McQuarrie	Calif.	11000
5009	Boehm	Livingston	2500
5010	Chlorson	Holm	1920
5011	Lilly	Snyder	8000
5012	Chlorson	Pearson	3000
5013	Chlorson	Owner	6000
5014	Werner	Owner	2500
5015	Muther	Owner	6000
5016	Cunha	Ingram	1200
5017	Schwind	Owner	5000
5018	Paris	Owner	3500
5019	De Baere	Angelman	7325
5020	Pas	Owner	2500
5021	Watson	Pfeiffer	7500
5022	Patterson	Owner	12800
5023	Emery	Stanley	2000
5024	Griffith	Owner	2400
5025	Hersh	Owner	6000
5026	Spores	Owner	3960
5027	Robbins	Nylander	3000
5028	Landrauer	Owner	2500
5029	Thompson	Pickertell	3150
5030	Peregrini	Stewart	5000
5031	Grashof	Brown	3000
5032	Johnson	Owner	3600
5033	Cotton	Owner	3000
5034	Kenworthy	Owner	3500
5035	Waller	Atterbury	3250
5036	Drost	Owner	3700
5037	Warner	Owner	2000
5038	Alameda	Kulchar	2000
5039	Howard	Anderson	2600
5040	Tallman	McDonald	3250
5041	Robinson	White	5000
5042	Steffens	Blucher	1975
5043	Christensen	Owner	2800
5044	Erickson	Calif.	10000
5045	Longgaard	Owner	8000
5046	Muir	Bishop	13700
5047	Ezell	Matheson	11500
5048	Parker	Conner	24846
5049	Hansen	Hansen	4500
5050	Sprague	Owner	3800
5051	Glaze	MacDonald	9500
5052	Ellis	Carper	2000
5053	Lapham	Owner	3000
5054	Hanson	Applewhite	3700
5055	Roman	Irwin	84320
5056	Russell	Owner	3150
5057	Hodge	Owner	3500
5058	Watson	Owner	3500
5059	Marshall	Owner	2000
5060	Jacobson	Owner	3500
5061	Towner	Owner	1030
5062	Graham	Owner	1000
5063	Wilson	Van Ness	3000
5064	Furtan	Nordel	1000
5065	Furtan	Nordel	4500
5066	Hillback	Fox	4200
5067	Miller	Owner	3000
5068	Baker	Owner	5000
5069	Baker	Owner	5000
5070	Roller	Carper	3000
5071	Linatti	Juama	2750
5072	Fox	Owner	3500
5073	Kinsmen	Angelman	6000
5074	Waters	Smith	2500
5075	Bumhower	Owner	3000
5076	Perrott	Owner	7500
5077	Walsh	Owner	1500
5078	Brady	Peters	3140
5079	Osberg	Davis	1100
5080	Clemens	Owner	3000
5081	Brown	Owner	6400
5082	St. Paul	Murch	4150
5083	Thomson	Owner	7200
5084	Murphy	Owner	3000
5085	Graves	Owner	3000
5086	Baker	Lindquist	12000
5087	Conger	Hansson	9500
5088	Newsom	Person	13048
5089	Schwartz	Voorhees	4125
5090	Broadhead	Owner	6750

5091	Proctor	Strom	1100
5092	Drice	Mine	1000
5093	Hakkio	Fornstrom	2000
5094	Spencer	Swift	1000
5095	Noonan	Owner	5000
5096	Kish	Anderson	2850
5097	Williams	Smith	7000
5098	Midsky	Faulke	1000
5099	Brunzone	Thorp	1000
5100	Watson	Owner	3000
5101	Areyer	Owner	6000
5102	Porter	Owner	3400
5103	Young	Owner	2000
5104	Neckar	Owner	3000
5105	Jordan	Owner	3000
5106	Glasgow	Owner	2000
5107	Netherby	Howard	2000
5108	Field	Owner	20000
5109	Rogers	Owner	1500
5110	Schoening	Schoening	6000
5111	Felt	Owner	2750
5112	Dickson	Smith	5000
5113	Healy	Owner	3500
5114	Pfrang	Owner	5000
5115	Scherman	Owner	5000
5116	Macgregor	Owner	14500
5117	Ratcliff	Woodard	5500
5118	Hanson	Owner	7000
5119	Jamison	Owner	2300
5120	Daniel	Brown	2500
5121	Lehman	Frankford	2500
5122	Wilkinson	American	4600
5123	Dowling	Owner	6000
5124	Legriss	Owner	11250
5125	Lacondo	Prunetti	3000
5126	Sailey	Wise	3000
5127	Bresso	Valente	5000
5128	Drysdale	Owner	3150
5129	Taylor	Owner	3850
5130	Ness	Ness	4000
5131	Reinhardt	Cushman	3150
5132	Matson	Owner	3000
5133	Barrett	Winther	4000
5134	Vis	Baird	8900
5135	White	Ostlund	14000
5136	Kittrelle	Brasch	22250
5137	Stockholm	Owner	22250
5138	Santa Fe	Letter	10000
5139	Jorz	Owner	4000
5140	Hogue	Butzke	10000
5141	Armanino	Beckett	3000
5142	Jewett	Owner	3800
5143	Johnson	Owner	3500
5144	Alameda	Owner	3000
5145	Armanino	Beckett	7000
5146	Reichbach	Owner	3000
5147	McClmonds	Miller	3000
5148	Davidow	Owner	3000
5149	Keift	Marshall	12000
5150	Keift	American	7500
5151	Ezell	Owner	12000
5152	Davidow	Schneck	7000
5153	Steele	Ritchie	7000
5154	Sisk	Andersen	8200
5155	Gilmore	Moe	1200
5156	Moose	Owner	3800
5157	Matteson	Owner	7500
5158	American	Owner	6100
5159	Clausen	Owner	2350
5160	Patrick	Owner	3000
5161	Larson	Potter	4925
5162	Farish	Owner	3500
5163	Noble	Wilson	5000
5164	Belush	Icardi	3000
5165	Abacotti	California	15500
5166	White	McIntire	10000
5167	Kerr	Blake	25000
5168	Blake	Mailanen	7975
5169	Schafhirt	Dines	8500
5170	Hobbs	Carlson	7600
5171	Giussi	Knight	18000

APARTMENTS
(5001) 1247 VERSAILLES AVE., Alameda. 2-story 13 room apts. Owner—Fred and May Perryman, Encinal Ave. and Versailles Ave., Alameda.
Architect—None.
Contractor—H. C. Anderson, 1229 Pearl St., Alameda. \$9000

ADDITION
(5002) 1428 NINTH ST., Alameda. Addition.
Owner—M. Youngberg, 1428 Ninth St., Alameda.
Architect—None.
Contractor—S. Kellog, 810 Taylor Ave., Alameda. \$1000

ADDITION
(5003) 1250 PARK ST., Alameda. Addition.
Owner—Chas. Smith, 1812 Lafayette St., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$5557

DWELLING
(5004) 1804 PACIFIC AVE., Alameda. 1-story 4-room dwelling.
Owner—H. G. Mchrtens, 1536 Webster St., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thompson Ave., Alameda. \$2800

ALTERATIONS
(5005) 924 CENTRAL AVE., Alameda. Remodel station and stores.
Owner—V. L. Schaeffer, 1817 Clinton Ave., Alameda.
Architect—None.
Contractor—J. E. Thorp, 1718 Alameda Ave., Alameda. \$3900

APARTMENTS
(5006) 2312 SAN ANTONIO AVE., Alameda. 2-story 14 room apts.
Owner—Jacob Norton, 953 28th St., Oakland.
Architect—None. \$6000

DWELLINGS
(5007) 1825 WOOD ST., Alameda. Two 1-story 5-room dwlgas. and one 1-story 6-room dwelling.
Owner—M. Hallested, 1910 Webster St., Alameda.
Architect—None.

ALTERATIONS
Contractor—J. J. Groden, 1011 Santa Clara Ave., Alameda.
Two at \$2500 each and one at \$1000

(5008) 2304 ROOSEVELT, Berkeley. Dwelling.
Owner—N. McQuarrie, 2304 Roosevelt, Berkeley.
Architect—Calif. Bldrs. Co., 1636 Franklin St., Oakland.
Contractor—Calif. Bldrs. Co., 1636 Franklin St., Oakland. \$11,000

ALTERATIONS, ETC.
(5009) 2632 LE CONTE, Berkeley. Alterations and repairs.
Owner—Mrs. Dornin, Piedmont Ave. and Dwight Way, Berkeley.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. \$2500

ALTERATIONS, ETC.
(5010) 2011 NINTH ST., Berkeley. Alterations and addition.
Owner—Mrs. Ghiorso, 2011 9th St., Berkeley.
Architect—None.
Contractor—John Holm, 2815 9th St., Berkeley. \$1920

DWELLING
(5011) 1739 DELAWARE ST., Berkeley. Dwelling.
Owner—Mrs. Lilly, 1816 Linden St., Berkeley.
Designer and Contractor—O. Soder, 2438 Ashby Ave., Berkeley. \$8000

ALTERATIONS
(5012) 2334 LE COONTE, Berkeley. Alterations.
Owner—Mrs. Grigsby, 2334 Le Conte, Berkeley.
Architect—None.
Contractor—J. B. Pearson, 2403 Grant St., Berkeley. \$3000

DWELLINGS
(5013) SIXTY-THIRD E OF GROVE, Berkeley. Two dwellings.
Owner—J. Geary, 1015 Grand Ave., Oakland.
Plans by owner. \$3000 each

DWELLING
(5014) 2728 WALLACE ST., Berkeley. Dwelling.
Owner—Chas. Werner, 2416 10th St., Berkeley.
Plans by owner. \$2500

DWELLINGS
(5015) 1532-36 HEARST AVE., Berkeley. Two dwellings.
Owner—G. Muther, 5419 Thomas St., Berkeley.
Architect—None. \$3250 each

ALTERATIONS
(5016) 3023 HILLEGASS, Berkeley. Alterations.
Owner—Mr. Cunha, 3023 Hillegass, Berkeley.

NOW READY FOR DELIVERY—

PRIDDE'S TABLES, called "3700 Splay Boxes and Other Calculations—"

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St., San Francisco, Calif. U. S. A.

Architect—None.
Contractor—Fred Ingram, 1356 University Ave., Berkeley. \$1200

DWELLINGS
(5017) 2161-65 BROWNING ST., Berkeley. Two dwellings.
Owner—M. Schwind, 1636 63rd, Oakland.
Plans by owner. \$2500 each

DWELLING
(5018) W JORDAN RD., 700 N. Retic Ave., Oakland. 1-story 5-room dwelling.
Owner—W. K. Paris, 3025 Jordan Rd., Oakland.
Architect—None. \$3500

DWELLING STORE
(5019) NE COR. MONTICELLO AND Trask St., Oakland. 1-story 2-family dwelling, store and garage.
Owner—R. and A. De-laere, 1342 Shattuck Ave., Berkeley.
Architect—None.
Contractor—J. and E. Angelman, 2917 36th Ave., Oakland. \$7325

ALTERATIONS
(5020) 116 WEBSTER ST., Oakland. Alterations.
Owner—A. S. Day, 1420 Jackson St., Oakland.
Architect—None. \$2500

DWELLING
(5021) NE COR. ROSS SST. and Ross Circle, Oakland. 1-story 6-room dwelling.
Owner—Margaret Wells Dawson, Harwood Ave., Oakland.
Architect—None.
Contractor—H. L. Pfang, 5659 Ocean View Dr., Oakland. \$7500

DWELLINGS
(5022) W CHURCH ST. 455, 192, 530 and 567 N. Avenal, Oakland. Four 1-story 5-room dwellings and garages.
Owner—J. F. Patterson, 2001 68th Ave., Oakland.
Architect—None. \$3200 each

DWELLING
(5023) W 61ST AVE 2000 N FOOT-hill Blvd., Oakland. 1-story 4-rm. dwelling.
Owner—Cora Emery, 1507 50th Ave., Oakland.
Architect—None.
Contractor—C. B. Stanley, 1507 50th Ave., Oakland. \$2000

DWELLING
(5024) E 60TH AVE. 40 N TEVIS ST., Oakland. 1-story 4-room dwlg.
Owner—E. C. Griffith, 1258 61st Ave., Oakland.
Architect—None. \$2400

DWELLINGS (3)
(5025) E 64TH AVE. 372 - 397 - 434 S E-14th St., Oakland. Three 1-story 4-room dwellings.
Owner—C. A. Birch, 3601 Nevil Street, Oakland.
Architect—None. \$2000 ea.

DWELLING & GARAGE
(5026) W 66TH AVE 120 N AVENAL Ave., Oakland. 1½-story 5-room dwelling and garage.
Owner—Sykes Brothers, 2542 35th Av., Oakland.
Architect—None. \$3960

DWELLING
(5027) 4825 CONGRESS AVE., OAK-land. 1-story 5-room dwelling.
Owner—Edith G. Robbins.
Architect—None.
Contractor—Nylander Bros., 1610 Excelsior Ave., Oakland. \$3000

DWELLING
(5028) N 13TH ST. 150 E WOOD ST., Oakland. 1-story 5-room dwelling.
Owner—T. W. Landgraft, 1731 14th St., Oakland.
Architect—None. \$2500

DWELLING & GARAGE
(5029) W 95TH AVE 300 S A STREET, Oakland. 1-story 5-room dwelling and garage.
Owner—J. Thompson.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada St., Oakland. \$3150

ALTERATIONS
(5030) 866 32ND ST., OAKLAND. Alterations.
Owner—A. C. Peregrud, 866 32nd St., Oakland.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St., Oakland. \$5000

ALTERATIONS
(5031) 432 38TH STREET OAKLAND. Alterations.
Owner—A. E. Reynolds, 432 38th Street, Oakland.
Architect—None.
Contractor—W. C. Brown, 6124 64th Av., Oakland. \$3000

DWELLING
(5032) S LINWOOD AVE 200 N E-38th St., Oakland. 1-story 5-room dwelling.
Owner—E. Johnson, 3827 Linwood Av., Oakland.
Architect—None. \$3600

DWELLING
(5033) 4257 MASTERSON STREET, Oakland. 1-story 4-room dwlg.
Owner—Cotton Brothers, 3732 39th Av., Oakland.
Architect—None. \$3000

DWELLING
(5034) S BIRDSALL AVE. 200 W Monticello, Oakland. 1-story 5-room dwelling.
Owner—Kenworthy & Ingler, 5533 Morse Drive, Oakland.
Architect—None. \$3500

DWELLING
(5035) N AILEEN ST. 280 E GASKILL St., Oakland. 1-story 5-room dwlg.
Owner—R. W. Waller, 990 Aileen St., Oakland.
Architect—None.
Contractor—A. R. Attebury, 2198 42nd Ave., Oakland. \$3250

DWELLING & GARAGE
(5036) 1439 HAVENSCOURT BLVD., Oakland. 1-story 6-room dwelling and garage.
Owner—J. Drost, 3006 Fruitvale Ave., Oakland.
Architect—None. \$3700

DWELLING
(5037) E SHATTUCK AVE. 35 S 56TH St., Oakland. 1-story 4-room dwlg. and garage.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. \$2000

(5038) NE COR 14TH & FRANKLIN Sts., Oakland. Alterations.
Owner—Alameda Title Insurance Co., 14th and Franklin Sts., Oakland.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. & E-10th St., Oakland. \$2000

DWELLING & GARAGE
(5039) NW COR. MAYBELLE & Quigley St., Oakland. Dwelling & garage.
Owner—Sarah Howard, Maybelle & Quigley St., Oakland.
Architect—None.
Contractor—Andrews & Hagen, 3878 Maybelle Ave., Oakland. \$2600

STORES
(5040) E HARRISON BLVD. 50 N Orange Ave., Oakland. 1-story stores.
Owner—J. R. Tallman, 334 17th St., Oakland.
Architect—None.
Contractor—A. A. McDonald, 611 28th St., Oakland. \$1925

DWELLING
(5041) NE COR. 64TH AVE. AND Brann St., Oakland. 2-story 5-room dwelling.
Owner—A. M. Robinson, 678 33rd St., Oakland.
Architect—None.
Contractor—J. F. White, 6680 Brann St., Oakland. \$5000

ALTERATIONS & ADDITIONS
(5042) 80 LINDA AVE., OAKLAND. Alterations and Additions.
Owner—H. G. Steffens, 80 Linda Ave., Oakland.
Architect—None.
Contractor—Elucher Bros., 451 Van Dyke Ave., Oakland. \$1975

DWELLING
(5043) W 14TH AVE. 148 SE 27TH St., Oakland. 1-story 5-room dwlg.
Owner—C. Christensen, 3443 Sheffield Ave., Oakland.
Architect—None. \$2800

APARTMENTS
(5044) N 61ST ST. 150 W RACINE ST., Oakland. 2-story 12-room apartments.
Owner—O. F. Erickson, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$10,000

DWELLINGS (2)
(5045) E 66TH AVE. 180-215 S AVEN- al Ave., Oakland. Two 1-story 5-room dwellings.
Owner—S. Damgaard, 1352 89th Ave., Oakland.
Architect—None. \$4000 ea.

APARTMENTS & GARAGE
(5046) N MATHER ST. 48 W GIL- bert St., Oakland. 2-story 16-room apartments and garage.
Owner—H. B. Muir, 264 Mather Street, Oakland.
Architect—None.
Contractor—J. E. Bishop, 587 Athol Ave., Oakland. \$13,700

ALTERATIONS & REPAIRS
(—) 2023 SAN PABLO AVE., BER- keley. Alterations and repairs.
Owner—Geo. Hadjopoulos, 885 Chan- nington Way, Berkeley.

Architect—None.
Contractor—C. M. Texdahl, 6215 Au- burn Ave., Oakland. \$5000
NOTE—Recorded contract reported Sept. 25, 1924; No. 4999.

(5047) LOT 183, MAP OF SUBDIVIS- ion Sequoyah Hills, Oakland. Gen- eral construction 8-room residence and double garage.
Owner—Marion H. and Martha D. Ezell 3038 Thermal, Oakland.

Architect—None.
Contractor—Salvo Matheson and Peter Petersen, (American Building Co.) Filed Sept. 25, 1924. Dated Sept. 15, '24
When frame is up\$2875
When plastered 2875
When completed 2875
Usual 35 days 2875
TOTAL COST, \$11,500
Bond, surties, forfeit, none. Limit, 120 days from date. Plans and specifications filed.

(5048) NE COR. OF TERRACE AND LaSalle Ave., Piedmont, Alameda County. General construction 2-story residence and garage.
Owner—J. L. Parker, 2033 Francisco, Oakland.

Architect—W. H. Ratcliffe, Jr., Mercan- tile Trust Co. Bldg., Berkeley.
Contractor—Conner & Conner, 1726 Grove St., Berkeley.

Filed Sept. 25, '24. Dated Sept. 23, '24.
When frame is up\$6161.50
1st coat plaster 6161.50
When completed 6161.50
Usual 35 days 6161.50
TOTAL COST, \$24,646
Bond, surties, none. Forfeit, \$10.00 per day. Limit, 100 working days from date of signing. Plans and specifications filed.

DWELLING
(5049) 1425-29 STANAGE, BERKE- ley. Dwelling.
Owner—Lee Hansen, 564 7th St., Oak- land.
Architect—V. Strang, 1521 9th Street, Alameda.
Contractor—Hansen & Strang, 1521 9th St., Alameda. \$2750 ea.

DWELLING
(5050) 3046 3rd Avenue, Berkeley.
Owner—J. C. Spangue, 4518 Edgewood, Berkeley.
Architect—None. \$3800

DWELLING
(5051) 885 GROSVENOR ROAD, Oak- land. 1-story 6-room dwelling.
Owner—A. E. Glage.
Architect—H. C. Brelin, 2817 Regent St., Berkeley.
Contractor—MacDonald & Foreman, 1636 Shattuck Ave., Berkeley. \$9500

DWELLING
(5052) W McLELLAND, 75 S CALA-
garas Ave., Oakland. 1-story 3-rm.
dwg. 1-bkg.
Owner—Lara A. Ellis, 3721 McEl-
land St., Oakland.
Architect—None.
Contractor—O. D. Carper, 1124 Ham-
pel St., Oakland. \$2000

DWELLING
(5053) 6011 AVENAL AVENUE, OAK-
land. 1-story 5-room dwelling.
Owner—Frank Lapham, 2451 61st Ave.,
Oakland.
Architect—None. \$3000

DWELLING & GARAGE
(5054) W HALEY ST 100 S HOPKINS
St., Oakland. 1-story 5-room dwlg
and garage.
Owner—J. W. Hanson, 1236 12th Street,
Oakland.
Architect—None.
Contractor—W. C. Applewhite, 1017
Linden St., Oakland. \$3700

CHURCH
(5055) NW COR RIDGWAY & PIED-
mont Aves., Oakland. 1-story
concrete church.
Owner—Roman Catholic Archbishop of
S. F., 1100 Franklin St., S. F.
Architect—Geo. E. McCrear, 369 Pine St.
San Francisco.
Contractor—J. P. Brennan, 2110 Shat-
tuck Ave., Berkeley. \$34,500

DWELLING & GARAGE
(5056) E EL CAMILE ST, 137 W 55TH
Ave., Oakland. 1-story 5-room
dwelling and garage.
Owner—Chas. A. Russell, 3528 Porter
St., Oakland.
Architect—None. \$3150

DWELLING
(5057) 1328 10TH AVE, OAKLAND
1-story 5-room dwellings.
Owner—H. & E. Hodge, 926 East 18th
St., Oakland.
Architect—None. \$3500

DWELLING
(5058) W 64TH AVE 200 N GAMDEN
St., Oakland. 1-story 4-room dwlg.
Owner—W. J. Watson, 3033 Seminary
Ave., Oakland.
Architect—None. \$2500

SERVICE STATION
(5059) SW COR E 12TH & HIGH STS.,
Oakland. 1-story concrete service
station.
Owner—Marshall & Burks, 1725 Web-
ster St., Oakland.
Architect—None. \$2000

DWELLING
(5060) NE COR CURRAN AVE &
Delaware St., Oakland. 1-story 5-
room dwelling.
Owner—Carl A. Jacobson, 2509 14th
Ave., Oakland.
Architect—None. \$3500

ALTERATIONS
(5061) 1728 101ST AVE., OAKLAND.
Alterations.
Owner—Ralph W. Towner, 1728 101st
Ave., Oakland.
Architect—None. \$1000

ALTERATIONS
(5062) 1502 JACKSON STREET, OAK-
land. Alterations.
Owner—Chas. Graham, 1502 Jackson
St., Oakland.
Architect—None. \$1000

DWELLINGS (3)
(5063) E WILSON AVE 240 - 267 -
287 S Montana St., Oakland. Three
1-story 4-room dwellings.
Owner—T. S. Wilson, 3323 Wilson Ave.,
Oakland.
Architect—None.
Contractor—Lester Van Ness, 3551 Wil-
son Ave., Oakland. \$3000

DWELLING
(5064) E MONTICELLO AVE, 112 S
Brookdale Ave., Oakland. 1-story
6-room dwelling.
Owner—O. N. Furtan, 2832 Monticello
Ave., Oakland.
Architect—None.
Contractor—J. M. Nordell, 3832 Montic-
ello Ave., Oakland. \$4000

DWELLING
(5065) E MONTICELLO AVE, 106 S
Brookdale Ave., Oakland. 1-story
6-room dwelling.
Owner—O. N. Furtan, 2832 Monticello
Ave., Oakland.
Architect—None.
Contractor—J. M. Nordell, 3832 Montic-
ello Ave., Oakland. \$3000

DWELLING
(5066) CAVANAUGH RD., 260 E
St. R. O. T. right of way, Oakland.
1-story 5-room dwelling.
Owner—G. A. Hillback, Cavanaugh Rd.,
Oakland.
Architect—None.
Contractor—Fox Brothers, 1926 Uni-
versity Ave., Berkeley. \$4200

STORES
(5067) S SEMINARY AVE 25 E Sun-
nyvale Ave., Oakland. 1-story
stores.
Owner—H. E. Miller, 2426 Seminary
Ave., Oakland.
Architect—None. \$3000

DWELLING
(5068) N HOLMAN RD., 400 E Mat-
thews Rd., Oakland. 1-story 5-
room dwelling.
Owner—W. J. Baker, 2255 Ransome
Ave., Oakland.
Architect—None. \$5000

DWELLING
(5069) S BARROWS RD., 150 W Creed
Rd., Oakland. 1-story 5-room
dwelling.
Owner—W. J. Baker, 2255 Ransome
Ave., Oakland.
Architect—None. \$5500

DWELLING
(5070) S BROOKHURST ST, 321 E
Alameda St., Oakland. 1-story 5-
room dwelling and garage.
Owner—Chas. Koller, Savoy Hotel,
Oakland.
Architect—None.
Contractor—O. D. Carper, 1124 Ham-
pel St., Oakland. \$3000

DWELLING
(5071) 2121 CURTIS ST., Berkeley.
Dwelling.
Owner—E. Linatti, 1730 7th St., Berke-
ley.
Architect—None.
Contractor—Juama & Kesti, 1209 Chan-
ning Way, Berkeley. \$2750

DWELLING
(5072) 1339 SACRAMENTO, Berkeley.
Dwelling.
Owner—Fox Bros., 1926 University Ave.
Berkeley.
Architect—None. \$3500

DWELLING
(5073) 2415 MARTINEZ, Berkeley.
Dwelling.
Owner—H. Kinsmen, 1232 Stannage,
Berkeley.
Architect—None.
Contractor—J. & E. Angleman, 2047
36th Ave., Oakland. \$6000

DWELLING
(5074) 1334 NEILSON ST., Berkeley.
Dwelling.
Owner—A. Sayers, 2336 Neilson St.,
Berkeley.
Architect—Harry Smith, 855 The Ala-
meda, Berkeley.
Contractor—Harry Smith, 855 The Ala-
meda, Berkeley. \$2500

DWELLING
(5075) 1351 BERKELEY WAY, Berke-
ley. Dwelling.
Owner—C. E. Boomhower, 1529 Fran-
co St., Berkeley.
Architect—None. \$3000

DWELLING
(5076) 1314 EUCLID AVE., Berkeley.
Dwelling.
Owner—R. Perrott, 1136 Fresno Ave.,
Berkeley.
Architect—None. \$7500

DWELLING
(5077) 2431 ACTON ST., Berkeley.
Dwelling.
Owner—M. Walsh, 2212 92nd Ave., Elm-
hurst.
Architect—None. \$1500

DWELLING
(5078) N STANFORD AVE., 125 W
60th St., Oakland. 2-story 4-room
dwelling.

Owner—T. Brady, 5031 San Pablo Ave.,
Oakland.
Architect—None.
Contractor—Fred W. Peters, 141 Ridge-
way Ave., Oakland. \$3100

DWELLING
(5079) W SIXTY-SEVENTH AVE 150
S E-12TH St., Oakland. 1-story 3-
room dwelling.
Owner—Mrs. Bessie Osberg, 2248
Twilight Way, Berkeley.
Architect—None.
Contractor—R. T. Davis, San Lorenzo,
\$1000

DWELLINGS
(5080) 411 AND 406 LYON AVE.,
Oakland. Two 1-story 3-room
dwellings.
Owner—H. C. Clemons, 4006 Lyon Ave.,
Oakland.
Architect—None. \$1500 each

DWELLINGS
(5081) 2471 & 2477 SIXTY-FOURTH
Ave., Oakland. Two 1-story 5-
room dwellings.
Owner—Chas. P. Brown, 1707 Broad-
way, Oakland.
Architect—None. \$3200 each

ADDITION
(5082) NE COR. MONTICETO AND
Bay Place, Oakland. 2-story brick
addition.
Owner—St. Pauls Parish, Bay and Mon-
tecto, Oakland.
Architect—B. G. McDougall, 353 Sacra-
mento St., S. F.
Contractor—Murch-Williams Const. Co.,
308 Fox Bldg., Oakland. \$—

DWELLING
(5083) S ROBERTS AVE. 260 E 55TH
Ave., Oakland. 1-story 5-room
dwelling and garage.
Owner—W. H. Thompson, 328 Portland
Ave., Oakland.
Architect—None. \$4150

DWELLINGS
(5084) W MONTICELLO AVE., 414
and 455 N Virginia, Oakland. Two
1-story 5-room dwellings.
Owner—R. W. Murphy, Maxwell Hard-
ware Co., Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello
Ave., Oakland. \$3600 each

DWELLING
(5085) W SEVENTY-FOURTH AVE.,
35 N Garfield Ave., Oakland. 1-
story 5-room dwelling.
Owner—M. F. Graves, 905 Grove St.,
Oakland.
Architect—None. \$3000

APARTMENTS
(5086) N ALGAR ST., 350 W Tel-
graph Ave., Oakland. 2-story 16
room apts.
Owner—Max Baker, 455 17th St., Oak-
land.
Architect—None.
Contractor—John Lindquist, 834 Talbot
Ave., Berkeley. \$12,000

DWELLING
(5087) LOT 22 BLK 5 BERKELEY
Heights. All work for 7-rm frame
dwelling and garage.
Owner—Anna L. and Dorothy de P.
Conger, Berkeley.
Architect—John Hudson Thomas, First
National Bank Bldg., Berkeley.
Contractor—Louis O. Hansson, 1409
Bonita, Berkeley.
Filed Sept. 27, 1924. Dated Sept. 16, '24
Frame up \$275
Brown coated \$2475
Completed and accepted \$2475
Usual 35 days \$2475
TOTAL COST, \$9900
Bond, Forfeit, none; Limit, 120 work-
ing days; Plans and specifications
none.

RESIDENCE
(5088) SE COR. WILDWOOD AVE &
Woodland Way, Piedmont. General
construction for 2-story and base-
ment frame residence.
Owner—H. G. Hills, 162 Nova Drive,
Piedmont.
Architect—Sidney B. & Noble Newsom,
Nevada Bank Bldg., S. F.
Contractor—Emil Person, 2224 Rose St.
Berkeley.
Filed Sept. 27, 1924. Dated Sept. 25, '24.
Foundation in \$1000
Roof on \$2338
Ready for plaster 2000

Mill work in place 2000
Completed and accepted 2446
Usual 35 days 3264
TOTAL COST, \$13,048
Bond, Sureties, none; Forfeit, \$5 day.
Limit, without delay; Plans and specifications filed.

STORIES 1652 HOPKINS ST., Berkeley.
1-story.
Owner—Arthur S. Schwartz, 1803 Chestnut St., Oakland.
Architect—J. Voorhees, 1824 West St., Oakland. \$125

DWELLING 349 SPENCER ST., Berkeley.
1-story.
Owner—Charles Broadhead, 861 54th St., Oakland. \$6750
Architect—None.

DWELLING (5094) E ONE HUNDRED SIXTH AVE., 100 E. Lombard St., Oakland. 2-story 7-room dwelling and garage.
Owner—H. Proetz, 3260 Delaware St., Oakland.
Architect—L. F. Hyde.
Contractor—J. B. Shook, 3318 Walnut Oakland. \$4150

ADDITION (5092) 1012 SIXTY-FIRST ST., Oakland.
Owner—A. Dugg, 1412 61st St., Oakland.
Architect—None.
Contractor—Mine & Fisher, 446 38th St., Oakland. \$1000

DWELLING (5093) S MASTERSON ST. 215 E May-belle Ave., Oakland. 1-story 4-room dwelling.
Owner—John Hawkins, 4078 Piedmont Ave., Oakland.
Architect—None.
Contractor—C. V. Fernstrom, 3516 Laguna Ave., Oakland. \$3000

GARAGE (5094) 550 FORTY-FIRST STREET, Oakland. 1-story garage.
Owner—V. E. Spencer 600 41st St., Oakland.
Architect—None.
Contractor—J. W. Swift, 6073 Claremont Ave., Oakland. \$1000

DWELLING (5095) 2475 SIXTIETH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—M. J. Noonan, 2481 60th Ave., Oakland.
Architect—None. \$3800

DWELLING (5096) 3231 DALOTA ST., Oakland. 1-story 5-room dwelling.
Owner—Mr. E. Kish, 3240 Delaware St., Oakland.
Architect—None.
Contractor—A. Anderson, 3112 Florida St., Oakland. \$2850

FLATS (5097) S 41ST ST. 245 E GROVE ST., Oakland. 2-story 10-room flats.
Owner—N. A. Williams.
Architect—None.
Contractor—Geo. Smith, 746 Alcatraz Ave., Oakland. \$7000

REPAIRS (5098) 1555 SAN PABLO AVE., OAK-land. Fire Repairs.
Owner—Midgley Bros., % American Theatre, Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 East 14th St., Oakland. \$1500

ALTERATIONS (5099) SE COR. 4TH & BROADWAY, Oakland. Alterations.
Owner—L. Bruzone, 1519 Central Av., Alameda.
Architect—None.
Contractor—V. E. Thorp, 1718 Alameda Ave., Alameda. \$4500

DWELLING (5100) W 60TH AVE. 160 S CAMDEN St., Oakland. 1-story 5-room dwlg.
Owner—L. Watson, 3018 60th Avenue, Oakland.
Architect—None. \$3000

DWELLINGS (2) (5101) 2928C & 2928B FRUITVALE Ave., Oakland. Two 1-story 4-rm. dwellings.
Owner—Harry Meyer, 3216 Brookdale Ave., Oakland.
Architect—None. \$3000 ea.

DWELLING (5102) W 62ND AVE. 100 N BROM-ley Ave., Oakland. 1-story 5-room dwelling.
Owner—Al. W. Porter, 2234 San Antonio Ave., Alameda.
Architect—None. \$3400

DWELLING (5103) S OUTLOOK AVE. 300 SEM-inary Ave., Oakland. 1-story 3-room dwelling.
Owner—Peter Young, premises.
Architect—None. \$2000

DWELLING (5104) E 87TH AVE. 80 W PLY-mouth St., Oakland. 1-story 4-rm. dwelling.
Owner—E. W. Neikirk, 460 Breed Ave., San Francisco.
Architect—None. \$3000

DWELLING (5105) N RUTH AVE. 170 E KINGS-land Ave., Oakland. 1-story 5-room dwelling.
Owner—M. Jordan, 5844 Broadway, Oakland.
Architect—None. \$3000

STORE (5106) E 73RD AVE. 70 S FOOTHILL Blvd., Oakland. 1-story store.
Owner—E. T. Glasgow, 2760 73rd Ave., Oakland.
Architect—None. \$2000

DWELLING (5107) E DAMUTH ST., 47 W LIN-cold Ave., Oakland. 1-story 4-rm. dwelling.
Owner—E. M. Netherby, 3879 Fruitvale Ave., Oakland.
Architect—None.
Contractor—Howard & Netherby, 2879 Fruitvale Ave., Oakland. \$2000

APARTMENTS (5108) SW COR. YORK & PRINCE Sts., Oakland. 3-story 26-room apartments.
Owner—John Field, 607 Amer. Bank Bldg., Oakland.
Architect—Ephraim Field, 607 American Bank Bldg., Oakland. \$20,000

DWELLING (5109) LOT 4, MERRIEWOOD, OAK-land. 1-story 4-room dwelling.
Owner—G. L. Rogers, 1958 Fell Street, San Francisco.
Architect—None. \$1600

DWELLING (5110) 1944 LOS ANGELES AVE., Ber-keley. Dwelling.

Owner—Miss Schoening, 1623 Shattuck, Berkeley.
Contractor—Herman Schoening, 1623 Shattuck, Berkeley. \$5000

DWELLING (5111) 1511 TACOMA, Berkeley.
Dwelling.
Owner—R. D. Felt, 1728 Channing Way, Berkeley.
Architect—None. \$2750

DWELLING (5112) 821 INDIAN ROCK, Berkeley.
Dwelling.
Owner—M. Dickson, 3136 Ellis St., Ber-keley.
Architect—J. Harry Smith 855 The Ala-meda, Berkeley. \$5000

DWELLING (5115) 1614 CORNELL, Berkeley.
Dwelling.
Owner—P. J. Healy, 39 Post St., Pied-mont.
Architect—None. \$3500

DWELLING (5114) 2238 STUART, Berkeley.
Dwelling.
Owner—C. Pfarr, 480 Forest St., Oak-land.
Architect—None. \$5000

DWELLING (5115) 3011 DOHIT, Berkeley. Dwelling
Owner—H. V. Sherman.
Architect—Barham Co., 169 San Pablo Ave., Berkeley.
Contractor—Barham Co., 169 San Pablo Ave., Berkeley. \$3500

DWELLINGS (5116) 1336 1301 1340 1201 PERALTA, Berkeley. 4 dwellings.
Owner—C. MacGregor, 470 13th St., Oakland.
Architect—None. 1 at \$3600; 2 at \$3850 1 at \$3650

DWELLING (5117) N ESTATE DRIVE 350 W Mo-untain Rd., Oakland. 1 1/2-story 6-rm. dwelling and garage.
Owner—L. R. Ratcliff, Estate Drive, Piedmont.
Architect—None.
Contractor—E. W. Woodard, 435 Mer-ritt Ave., Oakland. \$5500

DWELLING (5118) E ALVARADO ROAD, Clare-mont Hotel Tract, Oakland. 2-sto. 7-room dwelling.
Owner—Mary V. Hanson, Berkeley.
Architect—None.
Contractor—J. A. Wilson, 15 Armanino Court, Oakland. \$7000

DWELLING (5119) E FIFTY-EIGHTH AVE. 240 N Tevis St., Oakland. 1-story 4-room dwelling.
Owner—H. R. Jamison, 922 East 12th St., Oakland.
Architect—None. \$2300

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

ALTERATIONS
(5122) 334-36 FIFTEENTH STREET, Oakland. Alterations.
Owner—J. Lammell, 336 15th St., Oakland.

Architect—None.
Contractor—H. Brown, 1387 East 32nd St., Oakland. \$4000

DWELLING
(5121) 281 FIFTH ST. 200 W 38th Ave., Oakland. 1-story 4-room dwelling.
Owner—Mrs. Lehman, Alameda.
Architect—None.
Contractor—R. Frankford, 312 Broadway, Oakland. \$2500

DWELLING
(5122) N ROAD P 670 from Sequoyah Road, Oakland. 1-story 5-room dwelling.
Owner—Dr. H. A. Wilkinson, 301 Balboa St., San Francisco.
Architect—None.
Contractor—American Bldg. Co., 301 Balboa Bldg., Oakland. \$1600

DWELLINGS
(5123) 455 457 ROSE STREET, Oakland. 2 1-story 5-room dwellings.
Owner—Geo. F. Dowling, 407 Federal Bldg., Oakland.
Architect—None \$3000 each.

DWELLINGS
(5124) 1321 1327 1331 EAST THIRTY-fourth Street, Oakland. Three 1-story 5-room dwellings and garages.
Owner—L. H. Legris, 1351 Hampel St., Oakland.
Architect—None. \$3750 each

ADDITION
(5125) 1335 EIGHTY-SEVENTH AVE Oakland. Addition.
Owner—V. Lacondo, 1335 87th Avenue, Oakland.
Architect—None.
Contractor—E. Prunetti, 1604 94th Ave., Oakland. \$1500

DWELLING
(5126) N BUENA VISTA AVE. 200 E Hillside Ave., Oakland. 1-story 5-room dwelling.
Owner—Mary Caulley, 52nd & Coronado Ave., Oakland.
Architect—None.
Contractor—M. F. Wise, 2848 68th Ave., Oakland. \$3000

DWELLING
(5127) 556 FIFTY-FIFTH STREET, Oakland. 1-story 6-room dwelling.
Owner—G. Bresso, Oakland.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. \$5000

DWELLING
(5128) W SIXTY-FIFTH AVE. 560 S Arthur St., Oakland. 1-story 5-rm dwelling and garage.
Owner—Geo. H. Drysdale, 2321 38th Ave., Oakland.
Architect—None. \$3150

DWELLING
(5129) N MADELINE ST. 123 W Laurel Ave., Oakland. 1-story 5-room dwelling.
Owner—F. S. Taylor, P. O. Box 97, Fruitvale, Oakland.
Architect—None. \$3850

DWELLING
(5130) N HOLMAN ROAD 50 W Bates Road, Oakland. 1-story 5-room dwelling.
Owner—Peter J. Ness.
Architect—None.
Contractor—Ness Bros. 3912 Linwood, Oakland. \$4000

DWELLING
(5131) S FOOTHILL BLVD 544 E 90th Ave., Oakland. 1-story 4-room dwlg and garage.
Owner—G. Reinhardt, 3901 Foothill Blvd., Oakland.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. \$3150

DWELLING
(5132) 3924 EVERETT AVE., Oakland 1-story 5-room dwelling.
Owner—David G. Matson, 690 10th St., Oakland.
Architect—None. \$3000

DWELLINGS
(5133) 5951 5955 EAYES STREET, Oakland. 2 1-story 1-room dwlg.
Owner—J. C. Barrett, 505 Humboldt Bank Bldg., San Francisco.
Architect—None.
Contractor—V. Winther, 2026 Rose-adale Ave., Oakland. \$2000 each

FLATS
(5134) W TERRACE ST. 100 N Ridge-way Ave., Oakland. 2-story 10-rm. flats.
Owner—J. Vis, 2301 Alameda Ave., Alameda.
Architect—None.
Contractor—L. M. Baird, 1031 Bay View Ave., Oakland. \$3900

ALTERATIONS
(5135) 1445 FRANKLIN ST., Oakland. Alterations.
Owner—Z. V. White.
Architect—None.
Contractor—Ostlund & Johnson, 1901 Bryant St., S. F. \$14,000

STORES & OFFICES
(5136) E FRANKLIN ST. 46 N 17th St., Oakland. 2-story concrete store and offices.
Owner—R. W. Kittrelle, 17th and Franklin Sts., Oakland.
Architect—None.
Contractor—M. P. Brasch, 392 17th St., Oakland. \$18,000

GENERAL CONSTRUCTION
(5137) LOTS 20 AND 21, BLK. 7, Lakeshore Highlands, Oakland. General construction.
Owner—C. M. and Elizabeth F. Benze-man, Oakland.
Architect—Thomas J. Kent, 1122 Croc-croft Bldg., S. F.
Contractor—has, Stockholm & Sons, Monadnock Bldg., S. F.
Filed Sept. 30, '24. Dated Sept. 29, '24. On or about the 10th of each month, 75% of labor and ma-terials incorporated.
On completion a sum sufficient to increase total to 75% of contract price.
Balance 35 days after acceptance.
TOTAL COST, \$29,250
Bond, \$15,000. Sureties, John Bender and T. Rounberg. Forfeit, none. Lim-it, 110 working days. Plans and spec-ifications filed.

CANCELLATION OF CONTRACT
(5138) LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10, Blk. 14, Kellerbergers Map of Oakland. Reinforced concrete stable and garage.
Owner—Santa Fe Express & Drayage Co., 672 9th St., Oakland.
Architect—None.
Contractor—E. T. Leiter and George Leiter, 3601 West St., Oakland.
Filed Sept. 30, '24. Dated, _____.

DWELLING
(5139) 1326 EUCLID, Berkeley. Dwelling.
Owner—S. Jorz, 1320-A Euclid, Berkeley.
Architect—None. \$10,000

DWELLING
(5140) 1036 KEITH, Berkeley. Dwelling.
Owner—Miss Hogue, 1039 High Court, Berkeley.
Contractor—O. Butzke, 1315 66th St., Berkeley. \$4000

STORE
(5141) 3213-15 ADELINE, Berkeley. Store.
Owner—T. Armanino.
Architect—A. Beckett, 2457 Webster St., Berkeley.
Contractor—Beckett & Wight, 2457 Webster St., Berkeley. \$8000

DWELLING
(5142) 2013 McGEE, Berkeley. Dwelling.
Owner—R. M. Jewett, 2013 McGee Ave., Berkeley.
Architect—W. T. House, 2036 Bancroft Way, Berkeley.
Contractor—R. M. Jewett. \$3600

DWELLING
(5143) 1240 BURNETT, Berkeley. Dwelling.
Owner—J. Johnson, 1902 Myrtle St., Oakland.
Architect—None. \$3500

DWELLING
(5144) 1141 TENTH ST. Berkeley. Dwelling.
Owner—Alameda Inv. Co., 703 Syndi-cate Bldg., Oakland.
Architect—None. \$3000

DWELLING
(5145) 2519 HILL COURT, Berkeley. Dwelling.
Owner—W. Emerson, 2401 Fulton St., Berkeley.
Architect—F. H. Reuners, 894 Warfield, Oakland.
Contractor—J. Short, 1338 Euclid, Ber-keley. \$7000

DWELLING
(5146) S FLORIO ST. Opp. Auburn, Oakland. 1-story 7-room dwelling.
Owner—L. Armanino, 2457 Webster St., Berkeley.
Architect—None.
Contractor—Beckett & Wight, 2457 Webster St., Berkeley. \$7000

DWELLIGN
(5147) W SIXTIETH AVE. 80 N Brann St., Oakland. 1-story 4-room dwell-ing and garage.
Owner—Thas. E. Reichach, 1610 Central Ave., Alameda.
Architect—None. \$3000

DWELLING
(5148) 430 SUNNYSLOPE AVE., Oak-land. 1-story 7-room dwelling.
Owner—Mr. and Mrs. V. McClymonds, 424 Sunnyslope Ave., Oakland.
Architect—None.
Contractor—G. F. Miller, 1306 Brush St., Oakland. \$1800

DWELLING
(5149) E SIXTY-NINTH AVE. PL. 922 N 69th Ave., Oakland. 1-story 5-rm. dwelling.
Owner—S. V. Davidow, 1620 69th Ave., Oakland.
Architect—None. \$3000

WAREHOUSE
(5150) NW COR. FIFTY-SIXTH AND Lowell Sts., Oakland. 1-story con-crete and tile warehouse.
Owner—Elizabeth Keift, 1725 Webster St., Oakland.
Architect—None.
Contractor—Marshall & Burks, 1725 Webster St., Oakland. \$12,000

DWELLING
(5151) E SEQUOYAH RD. 64 from Dd. P, Oakland. 1-story 7-room dwlg.
Owner—Marion Ezell, 301 Balboa Bldg., San Francisco.
Architect—None.
Contractor—American Bldg. Co., 301 Balboa Bldg., San Francisco. \$7500

DWELLINGS
(5152) E SIXTY-NINTH AVE. PL. 84 126 168 210 N Favor St., Oakland. Four 1-story 5-room dwellings.
Owner—S. V. Davidow, 1620 69th Ave., Oakland.
Architect—None. \$3000 each

FLATS
(5153) N FORTY-SECOND ST. 200 E Shafter Avenue, Oakland. 2-story 10-room flats.
Owner—W. J. Steele, Pinehurst.
Architect—None.
Contractor—A. W. Schneck, 3226 Geor-gia St., Oakland. \$7000

DWELLING
(5154) 1120 BAY VIEW AVE., Oak-land. 2-story 8-rm mdwelling and garage.
Owner—Florence S. Sisk, 630 51st St., Oakland.
Architect—None.
Contractor—Ritchie & Ritchie, 630 51st St., Oakland. \$7000

DWELLING
(5155) SE COR. CAPELL AND PROSP-ect Ave., Oakland. 2-story 8-room dwelling.
Owner—E. C. Gilmore, 1510 5th Ave., Oakland.
Architect—None.
Contractor—C. M. Andersen, 1853 9th Ave., Oakland. \$8500

ALTERATIONS
(5156) 531 TWELFTH STREET, Oak-land. Alterations.

Owner—Moose Club, 12th and Clay, Oakland.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland. \$1200

DWELLING
(5157) 2920 LAGUNA AVENUE, Oakland, 1-story 6-room dwelling and garage.
Owner—E. T. Matteson, 3629 Laguna Ave., Oakland.
Architect—None. \$2800

DWELLING
(5158) E SEQUOIA RD. Inter. P Road, Oakland, 2-story 7-room dwelling.
Owner—American Bldg. Co., 301 Balboa Bldg., San Francisco.
Architect—None. \$7500

DWELLING
(5159) E BELLAIRE PL. 77 N Lynde St., Oakland, 1-story 5-room dwlg.
Owner—Fred Clausen, 1506 28th Ave., Oakland.
Architect—None. \$5100

DWELLING
(5160) E SEVENTY-NINTH AVE 550 S E-14th St., Oakland, 1-story 4-room dwelling and garage.
Owner—F. M. Patrick, 732 13th Street, Oakland.
Architect—None. \$2350

DWELLING
(5161) S SCOTT ST. 200 W 94th Ave., Oakland, 1-story 5-room dwelling.
Owner—Paul Larson, 9231 Scott St., Oakland.
Architect—None. \$3000

DWELLING
(5162) E 1355 BARROWS ROAD, Oakland, 1-story 5-room dwelling.
Owner—F. T. Parish, 2201 Woolsey St., Oakland.
Architect—None. \$4925

DWELLING
(5163) 922 FIFTY-EIGHT STREET, Oakland, 1-story 5-room dwelling.
Owner—Geo. H. Noble, 1336 Park St., Alameda.
Architect—None. \$3500

DWELLING
(5164) S E-THIRTY-FIRST ST. 100 W 22nd Ave., Oakland, 1-story 6-room dwelling.
Owner—Herman H. Helbusch 1459 Hampel St., Oakland.
Architect—None. \$5000

DWELLING
(5165) N FORTY-FOURTH ST. 400 W Market St., Oakland, 1-story 4-rm. dwelling.
Owner—L. Abacotti, 870 47th St., Oakland.
Architect—None.
Contractor—Angelo Icardi, 972 Aileen St., Oakland. \$3000

APARTMENTS
(5166) S THIRTY-FOURTH ST. 260 E Elm St., Oakland, 2-story 16-room apartments and garage.
Owner—Mrs. H. White, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$15,500

APARTMENTS
(5167) N E-SEVENTEENTH ST. 75 E 5th Ave., Oakland, 2-story 12-room apartments.
Owner—Ross S. Kerr, 1528 Franklin St., Oakland.
Architect—None.
Contractor—H. W. McIntire, 1528 Franklin St., Oakland. \$10,000

APARTMENTS
(5168) E LAKESHORE AVE. 400 N Hanover Ave., Oakland, 3-story 24-room apartments.
Owner—R. M. Blake, 423 Wayne Ave., Oakland.
Architect—Paul LaVergne, 4264 Howe St., Oakland.
Contractor—W. Blake, 1002 Webster St., Oakland. \$25,000

APARTMENTS
(5169) W WARFIELD AVE. 125 S Prince St., Oakland, 2-story 16-rm. apartments.
Owner—Mrs. D. Graebe, 1426 Franklin St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 1426 Franklin St., Oakland. \$18,000

RESIDENCE
(5170) FOR LOT 11, CROCKER TERRACE, Piedmont. General construction 2-story and basement frame residence and garage.
Owner—Dr. J. E. Schafhirt, Bacon Bldg., Oakland.
Architect—Sydney E. and Nell Newsom, Nevada Bldg., S. F.
Contractor—Otto Mailanen, Oakland.

Foundation is in \$ 650
Second floor joists are on 1500
Plumbing is up 1000
Ready for bathing 500
Sash is in 500
Sill work is in place 1000
Completed 2000
Usual 35 days 2000
TOTAL COST, \$7975

Bond, sureties, none. Forfeit, \$5.00 per day. Limit, without delay. Plans and specifications filed.

ALTERATIONS
(5171) 3606 KINGSLEY ST. Oakland General construction, remodeling and addition to apt. bldg.
Owner—W. W. Hobbs, 3606 Kingsley St., Oakland.
Architect—Burke D. Phillips, 2546 Keith Ave., Berkeley.
Contractor—L. C. Dines, 3606 Kingsley St., Oakland.

At the close of each week 75% of estimated cost of labor and materials incorporated.
Remaining 25% 35 days after acceptance is filed.

TOTAL COST, \$3500
Bond, \$4250. Sureties, U. S. Fidelity and Guaranty Co. Forfeit, none. Limit, 75 days from date. Plans and specifications filed.

DWELLING
(5172) LOT 7, BLK. 9, Thousand Oaks Tract, Berkeley. General construction dwelling house.
Owner—Della Giusti, Oakland.
Architect and Contractor—Carlson & Herman, 811 Carmel St., Berkeley.
Filed Oct. 1, 1924. Dated Sept. 22, 1924. \$2500
Completed \$800
TOTAL COST, \$7600

Bond, sureties, forfeit, none. Limit, 84 working days from date. Plans and specifications not filed.

DWELLING
(5173) LOT 7, BLK. 9, Thousand Oaks Tract, Berkeley. General construction dwelling house.
Owner—Della Giusti, Oakland.
Architect and Contractor—Carlson & Herman, 811 Carmel St., Berkeley.
Filed Oct. 1, 1924. Dated Sept. 22, 1924. \$2500
Completed \$800
TOTAL COST, \$7600

Bond, sureties, forfeit, none. Limit, 84 working days from date. Plans and specifications not filed.

DWELLING
(5174) LOT 7, BLK. 9, Thousand Oaks Tract, Berkeley. General construction dwelling house.
Owner—Della Giusti, Oakland.
Architect and Contractor—Carlson & Herman, 811 Carmel St., Berkeley.
Filed Oct. 1, 1924. Dated Sept. 22, 1924. \$2500
Completed \$800
TOTAL COST, \$7600

Bond, sureties, forfeit, none. Limit, 84 working days from date. Plans and specifications not filed.

DWELLING
(5175) LOT 7, BLK. 9, Thousand Oaks Tract, Berkeley. General construction dwelling house.
Owner—Della Giusti, Oakland.
Architect and Contractor—Carlson & Herman, 811 Carmel St., Berkeley.
Filed Oct. 1, 1924. Dated Sept. 22, 1924. \$2500
Completed \$800
TOTAL COST, \$7600

Bond, sureties, forfeit, none. Limit, 84 working days from date. Plans and specifications not filed.

DWELLING
(5176) LOT 7, BLK. 9, Thousand Oaks Tract, Berkeley. General construction dwelling house.
Owner—Della Giusti, Oakland.
Architect and Contractor—Carlson & Herman, 811 Carmel St., Berkeley.
Filed Oct. 1, 1924. Dated Sept. 22, 1924. \$2500
Completed \$800
TOTAL COST, \$7600

Bond, sureties, forfeit, none. Limit, 84 working days from date. Plans and specifications not filed.

DWELLING
(5177) LOT 7, BLK. 9, Thousand Oaks Tract, Berkeley. General construction dwelling house.
Owner—Della Giusti, Oakland.
Architect and Contractor—Carlson & Herman, 811 Carmel St., Berkeley.
Filed Oct. 1, 1924. Dated Sept. 22, 1924. \$2500
Completed \$800
TOTAL COST, \$7600

Bond, sureties, forfeit, none. Limit, 84 working days from date. Plans and specifications not filed.

DWELLING
(5178) LOT 7, BLK. 9, Thousand Oaks Tract, Berkeley. General construction dwelling house.
Owner—Della Giusti, Oakland.
Architect and Contractor—Carlson & Herman, 811 Carmel St., Berkeley.
Filed Oct. 1, 1924. Dated Sept. 22, 1924. \$2500
Completed \$800
TOTAL COST, \$7600

Bond, sureties, forfeit, none. Limit, 84 working days from date. Plans and specifications not filed.

Sept. 24, 1924—COM. AT A PT. ON NW line of 3rd Ave. dis 45 NE from E 14th St running thence NE 35 NW 90 SW 35 SE 90 to pt of beg. Oakland, J. E. and Helen Murray to G. A. Scott. Sept. 15, 1924

Sept. 24, 1924—LOT 43 BLOCK 16, May of Havenscourt, Oakland, S. Damgaard to whom it may concern. Sept. 23, 1924

Sept. 24, 1924—LOT 9 AND NW 1/2 of lot 10 blk. C map New Town of Lynn, Oakland, Harold B. Jacobs to whom it may concern. Aug. 20, 1924

Sept. 24, 1924—LOT 105 MAP A J Snyders Piedmont Terrace by the Lake, Oakland, John C. and Annie E. Mulhern to L. A. Peters. Sept. 20, 1924

Sept. 24, 1924—COM. AT A POINT ON NE line of E 21st St dis thereon 100 SE from Mitchell St. running thence SE 1/4 NE 1/4 SW 1/4 SW 1/4 to pt of beg. Earle H. Moore to whom it may concern. Sept. 20, 1924

Sept. 24, 1924—COM AT A POINT ON NE line of E 21st St dist 137 SE of Mitchell St. running thence SE 37 (only 3 courses) NW 37 SW 100 to pt of beg. Oakland, Earle H. Moore to whom it may concern. Sept. 20, 1924

Sept. 24, 1924—LOT 32 AND NW 1/4 of lot 33 map of the Santa Fe Tract, Brook Twp., Claude T. Kelley to Claude T. Kelly and Edward A. Miller. Sept. 23, 1924

Sept. 24, 1924—LOT 21 BLK 3 MAP of Kinsell Tract No. 2, Crocker St., Adolph E. Anderson to William Shields. Sept. 23, 1924

Sept. 26, 1924—S SIDE OF WOODLAND AVE. 90 W of Haas St., San Leandro, H. M. Crowell to whom it may concern. Sept. 24, 1924

Sept. 26, 1924—LOT 111 AND SW 1/4 of Lot 112 Blk. 32, Amended Map of Havenscourt, Oakland, Rugg & Lisbon to Rugg & Lisbon. Sept. 24, 1924

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COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Sept. 25, 1924—5621 ROBERTS AVE., Oakland, William Hector Thomson to whom it may concern. Sept. 23, 1924
Sept. 25, 1924—LOT 30, MAP OF GRAND Avenue Terrace, Oakland, E. Field to E. Field. Sept. 24, 1924
Sept. 25, 1924—1608 CEDAR ST., Berkeley, J. J. Tansey to Sloate and Whymann. Sept. 23, 1924
Sept. 25, 1924—1635 LE ROY ST., Berkeley, Elizabeth Getty Williamson to J. Harry Smith. Sept. 23, 1924
Sept. 25, 1924—SEG. AT A PT. 369' 30" W 69.93 ft. from NE cor. of lot No. 22, Blk. 1, Fourth Ave. Heights, thence NW 75° SW 110° SE 75° SW 110° to pt. of beg. Robert Mac Neir, Jr., to C. G. Hildebrand. Sept. 22, 1924
Sept. 25, 1924—SW COR. WELDON and Warfield Aves., Oakland, Nola M. and Richard J. Santos to E. Teichner. Sept. 24, 1924
Sept. 24, 1924—3575 AND 3585 LINCOLN AVE., Oakland, Charles Byron Robinson to whom it may concern. Sept. 20, 1924
Sept. 24, 1924—SE COR. 26TH ST. and Adeline St., Oakland, Bayliss & Howkins to whom it may concern. Sept. 24, 1924
Sept. 24, 1924—FOR BLK. NO. 5, 2133 540 Map of Oakland and vicinity, Wm. G. Gilmour to Barrett & Hilp. Sept. 15, 1924

DWELLING, 5-room and garage, \$4550; No. 632 4th St., Sacramento; owner, Frank P. Williams, 4410 San Benito Ave., Sacramento.

DWELLING, 4-room and garage, \$2500; No. 5550 5th Ave., Sacramento; owner, Geo. Hold, 3015 58th St., Sacramento.

DWELLING, 5-room and garage, \$5000; No. 1408 42nd St., Sacramento; owner, Fred Hurley, 2617 28th St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.

REMODEL dwelling, \$6000; No. 1030 P St., Sacramento; owner, Jas. T. Ransdall, 1055 1st St., Sacramento.

DWELLING, 1-room and garage, \$2500; No. 2156 Perkins Way, Sacramento; owner, Robert Powell, 1309 6th St., Sacramento.

DWELLING, 6-room and garage, \$4750; No. 724 San Antonio St., Sacramento; owner, Roy M. Gee, 2220 M St., Sacramento; contractor, E. W. Grams, Del Paso Heights, Sacto.

DWELLING, 2-room and garage, \$4000; No. 2624 24th St., Sacramento; owner, M. Ridley, 23rd and 24th 2nd Ave., Sacramento; contractor, G. C. Ormsbee, 3101 Donner Way, Sacramento.

DWELLING, 5-room and garage, \$3500; No. 1513 39th St., Sacramento; owner, Wright & Kimbrough, 317 J St., Sacramento.

CEMENTAL repairs, \$17,300; No. 2011 K St., Sacramento; owner, G. B. Stahl, Premises; contractor, Siller Bros., 1616 13th St., Sacramento.

DWELLING, 2-room and garage, \$2800; No. 164 16th St., Sacramento; owner, P. R. Opdyke, 1009 7th Ave., Sacramento.

DWELLING, 5-room and garage, \$3355; No. 1532 15th St., Sacramento; owner, Leo Brown, 3416 Folsom Blvd., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.

DWELLING, 6-room and garage, \$4100; No. 2424 Turin Way, Sacramento; owner, W. P. Cippa, 2560 27th St., Sacramento.

DWELLING, 5-room and garage, \$4500; No. 914 42nd St., Sacramento; owner, J. M. McMahon, 1115 42nd St., Sacramento; contractor, W. P. Cippa, 2560 27th St., Sacramento.

DWELLING, 6-room and garage, \$4000; No. 2823 27th St., Sacramento; owner, J. Harrigan, 1315 19th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded
Sept. 11, 1924—LOT 626 and W 34 ft. Lot 627, Elmhurst. Paul Gateien to whom it may concern. July 1, 1924

Sept. 24, 1924—LOT 5511 Monte Vista Tract, Sacramento. Ambrose R. Tyler to whom it may concern. Sept. 23, 1924

Sept. 25, 1924—LOTS 1 AND 2, J. K. 21st and 22nd Sts., Sacramento. Grace M. B. Church to whom it may concern. Sept. 11, 1924

Sept. 26, 1924—LOT 52, Heilbron Oaks, Sacramento. Geo. may concern. Ethel S. Wade to whom it may concern. Sept. 1, 1924

Sept. 26, 1924—LOT 22 South Curtis Oaks Sub 4, Sacramento. Le Roy J. and Delma B. Miller to whom it may concern. Sept. 22, 1924

Sept. 28, 1924—LOT 1915 W & K Tct 24 and N 10 ft. Lot 1913 W & K Tct 24, Sacramento. James H. Donnelly to whom it may concern. Feb. 19, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded
Sept. 11, 1924—LOT 64 South Curtis Oaks Sub 2, Sacramento. Bowman's Hardware & Implement Co vs J. W. Lattin. \$127.88

Sept. 11, 1924—LOTS 1 AND 2 BLK 20, Sacramento Sub 1. Cap. Sand & Gravel Co vs Gus Soukas. \$140.75

Sept. 11, 1924—LOT 50, Casita Tct., Sacramento. Cap. Sand & Gravel Co vs Herbert N. Hale. \$51

Sept. 26, 1924—LOT 1, Heilbron Oaks, Sacramento. J. S. Spelman vs Sacramento Bldg & Invst Corp and Ed Beebe. \$788.72

Sept. 28, 1924—LOTS 1 AND 2 BLK 20, North Sacramento Sub 1. G. H.

Burnett and Florence Polhemus (as Burnett & Sons) vs Gust Soukas \$212.87
Sept. 29, 1924—E 12 Lot 6 and all Lot 7, K, L, 9 and 10 (as Senator Theatre), Sacramento. Wm Weaver vs Matthews Const Co \$647

BUILDING CONTRACTS

CONTRA COSTA COUNTY

APARTMENTS (4) 2-story frame, \$12,000; E 26th St., bet. Nevins and Barrett, Richmond; owner, N. Cornnell, 237 Macdonald Ave., Richmond; contractor, Carl Overa, 2105 Roosevelt St., Richmond.

DWELLING, one-story frame, \$4500; NE Fifteenth and Burbeck Sts., Richmond; owner, A. J. McNany, 1920 Channel St., Richmond.

DWELLING, one-story frame, \$5000; E 12th St., bet. Barrett and Roosevelt Sts., Richmond; owner, J. H. Plate, 610 Macdonald Ave., Richmond; contractor, P. M. Sanfor, 3, Box 1061, Richmond.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

HEATING
BLOCK BDED ON W BY PILGRIM ST., on N by E-Jefferson St., on E by S-Opin St., and on S by E-Jackson St., Stockton. All work for installation of heating plant in school building.

Owner—John R. Humphreys, Alice Smallfield, Schneider, Clark G. Wakefield, Alida Barrett and H. C. Peterson, as Board of Education of Stockton School District, acting through Charles H. Young.

Architect—Charles H. Young, Com. & Sav. Bank Bldg., Stockton.

Contractor—Stockton Plumbing Supply Co., Inc., 327 E-Miner Ave., Stockton.

Filed Sept. 23, '24. Dated Sept. 17, '24. TOTAL COST, \$17,830.

Bond, none. Limit, 50 working days. Forfeit, plans and specifications, none.

ADDITION, \$1200; No. 1419 S-Stanislaus St., Stockton; owner, W. Forsyth; contractor, George Nelson, 420 E-Arcade St., Stockton.

REMODEL, \$5000; No. 1000 West Vine St., Stockton; owner, W. E. King, 240 E. Main St., Stockton.

DWELLING and garage, \$4750; No. 121 Monterey St., Stockton; owner, A. F. Salfeld, 260 E. Sonoma Way, Stockton.

DWELLING and garage, \$5000; No. 420 East Cleveland St., Stockton; owner, Anna W. Farnsworth; contractor, J. J. Maccone, 1418 E. Lindsay St., Stockton.

DWELLING and garage, \$3500; No. 1745 West Park St., Stockton; owner, J. P. McPherson; contractor, C. H. Dodd, 328 E-Lindsay St., Stockton.

DWELLING and garage, \$6000; No. 2413 Central St., Stockton; owner, E. L. Morrison, 1812 S-Grant St., Stockton.

DWELLING & garage, \$2500; No. 1801 East Channel St., Stockton; owner, J. W. Williams, 825 N-Wilson Ave., Stockton.

DWELLING and garage, \$3500; No. 64 East Acton St., Stockton; owner, Arthur Hollenback.

REMODEL, \$1000; No. 8 N-Sutter St., Stockton; owner, Mr. Jackson.

DWELLING and garage, \$10,000; No. 2109 Beverly Place, Stockton; owner, J. E. Lundy, 724 N-Baker St., Stockton; contractor, Davis-Heller-Pearce Co., Weber & California Sts., Stockton.

DWELLING & garage, \$5500; No. 1314 N-Pershing Way, Stockton; owner, C. Williams; contractor, T. E. Williamson, 32nd and West Park Ave., Stockton.

DWELLING, \$1800; No. 116 South E St., Stockton; owner, G. Carusco; contractor, T. Nemelline.

DWELLING and garage, \$5000; No. 1828 Carmel St., Stockton; owner, C. A. Gustafson, 622 N-Hunter St., Stockton.

REMODEL, \$3000; No. 606 N-El Dorado St., Stockton; owner, E. Hahn; contractor, Lewis & Green, Commercial Bank Bldg., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded
Sept. 24, 1924—LOT 3 & N 20 ft. Lots 1 and 2 Blk E, Bours Tract, Stockton. De Chas Rees Narry to F. E. Zuck. Sept. 25, 1924

Sept. 25, 1924—LOTS 2 AND 3 BLK 5, except N 17 ft. 10 in. Lot 2, Lodi. Mary Gope et al by Nellie M. Stannard to Cary Brothers. Sept. 15, 1924

Sept. 1, 1924—LOT 5 BLK 6, City Park Tract, Stockton. T. E. Williamson to whom it may concern. Sept. 25, 1924

Sept. 29, 1924—LOTS 25 AND 27 Mc Kinley Tract, Stockton. J. W. Oswalt to W. M. Ecker. Sept. 16, 1924

BUILDING CONTRACTS

FRESNO COUNTY

SCHOOL
LOCATION NOT GIVEN. Fresno. All work for school building.

Owner—Bullard School District.

Architect—None.

Contractor—Irvin & Hopkins.

Filed Sept. 27, '24. Dated Sept. 6, '24.

As work progresses..... 75%

Usual 35 days..... Balance

TOTAL COST, \$1932

Bond, \$966. Sureties, J. J. Forstres and C. J. Jensen, 29 working days.

Forfeit, \$10 per day. Plans and specifications filed.

ALTERATIONS, \$1500; No. 1114 Santa Clara St., Fresno; owner, J. H. Scheidt, 1104 Santa Clara St., Fresno; contractor, Short & Neads, 1291 Linden St., Fresno.

ALTERATIONS, \$18,000; No. 1120 Fulton St., Fresno; owner, S. H. Kress & Co.; contractor, E. J. Farr, 255 Forthcamp St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded
Feb. 23, 1924—W 1/4 Lot 9, Blossom Park, Fresno. Robt J. Hastings to whom it may concern. Sept. 22, 1924

Sept. 23, 1924—CARUTHERS UNION High School District, Caruthers Union High School to Walter T. Harris. Sept. 22, 1924

Sept. 25, 1924—S 4 LOT 5, Berryhill Tract, Fresno. Victor Messange to whom it may concern. Sept. 22, 1924

LIENS FILED

FRESNO COUNTY

Recorded
Sept. 22, 1924—LOT 13, Napa Tract, Fresno. John Vierwinden vs A W Filsen. \$66

Sept. 26, 1924—OLIVE AVE & ZEDLER Road, and at Del Rey, Sanger Plumbing House vs Pacific Growers Inc. trustee et al. \$139

Sept. 27, 1924—LOTS 18 AND 19 BLK 5, Highland Villa Tract, Fresno.

Sept. 27, 1924—LOTS 23 AND 30 BLK 2, Fresno Home Addition, Fresno. J. A. Manning vs C C Lanphear and Sunset Lumber Co. \$992

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

HOT WATER SYSTEM
UNION PARK, Colma. All work for hot water system for high school bldg. Owner—Jefferson Union High School. Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contractor—Frederick Snook Co., 596 Clay St., S. F.
 Filed Sept. 20, 1924. Dated Sept. 16, '24.
 As work progresses 75%
 Usual 35 days 25%

TOTAL COST, \$1285
 Bonds, two, \$642.50 each; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 60 working days; Plans and specifications, none.

STORE BLDG.
BURLINGAME AVE., Burlingame. All work for reinforced concrete store building.

Owner—Mary Grace Whipple.
 Architect—Ernest L. Norberg and J. E. 593 Market St., San Francisco.

Contractor—C. H. Bessett Bldg. Co., Mills Bldg., S. F. and Burlingame.
 Filed Sept. 22, 1924. Dated Sept. 22, 1924.
 As work progresses 75%
 Usual 35 days 25%

TOTAL COST, \$20,350
 Bond, \$10,175; Sureties, Alf. R. Kelly & Stanley Kelly, forfeit, \$15; Limit, 76 working days; Plans and specifications none.

SCHOOL
DATE AVE NEAR STATE HIGHWAY, Beresford. All work for frame and plaster school building.

Owner—San Mateo Grammar School District.
 Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.

Contractor—I. Sorensen.
 Filed Sept. 23, 1924. Dated Sept. 16, 1924.
 As work progresses 75%
 Usual 35 days 25%

Bond, \$3495; Sureties, Indemnity Co.; Forfeit, \$10 day; Limit, 120 days; Plans and specifications filed.

DWELLING
LOT 7 BLK 6 HIGH SCHOOL PARK
 Add. So. San Francisco. All work for 1-story 6-room and basement dwelling.

Owner—Maria Vannucci.
 Architect—None.
 Contractor—Crescent Bldg. Co., So. San Francisco.

Filed Sept. 26, 1924. Dated Sept. 17, 1924.
 Frame up \$1667
 Enchased 1667
 Completed and accepted 1667
 Usual 35 days 1671

TOTAL COST, \$6671
 Bond, \$3335.50; Sureties, M. Dickinson & W. L. Hickey; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE
SE ASHBY AND MYRTLE STS., San Jose. All work for two-story frame residence and garage.

Owner—Harvey R. Herold, 5-First St., San Jose.
 Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor—George Lindholm, 471 W. San Carlos St., San Jose.
 Filed Sept. 20, '24. Dated Sept. 18, '24.
 Foundations completed \$2176.50
 Frame erected 2176.50
 Other work completed 2176.50
 Usual 35 days 2902.00

TOTAL COST, \$111,638.00
 Bond, \$5500. Sureties, A. L. Hubbard and Otto E. Schnabel. Limit, 80 days from Sept. 18, 1924. Forfeit, none.

Plans and specifications filed.

HEATING
FIRST AND SAN CARLOS STS., San Jose. All heating on Sainte Claire Realty Building.

Owner—Sainte Claire Realty Co.
 Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Contractor—Francis Co., 243 Minna St., San Francisco.

Filed Sept. 22, '24. Dated Sept. 4, '24.
 As work progresses 25%
 Usual 35 days 25%

TOTAL COST, \$1,000
 Bond, limit, forfeit, none. Specifications only filed.

DWELLING
LOT 7 BLK 2, Hester Park, San Jose. All work for five-room dwelling.

Owner—Edward T. Russell, 169 E. 1st St., John St., San Jose.
 Architect—Wolfe & Higgins, 93-96 Auersals Bldg., San Jose.

Contractor—S. G. Youngquist and N. O. Berg, 158 N-12th St., San Jose.
 Filed Sept. 23, '24. Dated Sept. 22, '24.

Frame up \$970
 Brown coat plaster on 970
 Building completed 970
 Usual 35 days 970

TOTAL COST, \$3380
 Bond, \$2000. Sureties, A. L. Hubbard and John Lindgren. Limit, 90 days from Sept. 22, 1924. Forfeit, none.

Plans and specifications filed.

BUNGALOW
SE MELVILLE AVE., bet. Byron and Webster Sts., Palo Alto. All work for 5-room bungalow.

Owner—Edmond E. and Phyllis A. Font and J. M. Wallace, 1021 Coward St., Palo Alto.

Architect—None.
 Contractor—W. S. Couter (as W. S. Couter & Co.), 172 University Ave., Palo Alto.

Filed Sept. 24, 1924.
 Frame up \$128.25
 Ready for plaster 128.25
 Completed and accepted 128.25

Usual 35 days 128.25
TOTAL COST, \$453.00

Bond, \$2256.50. Sureties, Anton Prusa and Agnes G. Couter. Limit, 100 days from Sept. 22, 1924. Forfeit, none.

Plans and specifications filed.

GARAGE
N 47 FT. FRONT ON W FIFTH ST., by depth of 50 yards of Lot 4 2 R 5 N, San Jose. All work for one-story brick garage building.

Owner—Theo. W. Huges, 76 N-4th St., San Jose.
 Architect—None.

Contractor—Percy Sherburne, 375 N-15th St., San Jose.

Filed Sept. 27, '24. Dated Sept. 25, '24.
 Brick walls and roof completed 25%
 Plastering and roof completed 25%
 Building accepted 25%

Usual 35 days 25%
TOTAL COST, \$8837

Bond, \$5000. Sureties, Otto E. Schnabel and R. A. Payne. Limit, 45 days from Oct. 1, 1924. Forfeit, none.

Plans and specifications, filed.

COTTAGE, 5-room, \$2475; Julian St. near 11th, San Jose; owner, G. Gleason, Premises; contractor, V. R. Camienti, 907 Vine St., San Jose.

OFFICE building, three-story, \$110,830; Third St. nr Stn Fernando St., San Jose; owner, Pacific Gas & Electric Co., San Antonio and 2nd Sts., San Jose; architect, Binder & Curtis, 35 W-San Carlos St., San Jose; contractor, R. O. Summers, 17 N-First St., San Jose.

RESIDENCE, 5-r m, \$4750; Coe near Bird St., San Jose; owner, W. R. Frost; architect, Wolfe & Higgins, 93-96 Auersals Bldg., San Jose.

COTTAGE, 4-room; \$1000; No. 1545 E-St. James St., San Jose; owner, Homer E. Smith, Premises.

ALTERATIONS, \$1200; No. 270 Orchard St., San Jose; owner, A. Schroder, 721 E-William St., San Jose; contractor, Frank Zingheim, 210 S-9th St., San Jose.

RESIDENCE, 5-room, \$4040; Twelfth St. near San Salvador, San Jose; owner, Miss A. Lamoureux, 104 N-14th St., San Jose; contractor, R. E. Gray, 715 S-Fifth St., San Jose.

ADDITION, 100 printing plant, \$6870; No. 251 Stockton St., San Jose; owner, Muirson Label Co., Prem.; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Morrison Bros., Builders Exchange, San Jose.

ALTERATIONS, \$2500; No. 517 S-Eighth St., San Jose; owner, Mrs. I. Chapman, Premises; contractor, R. T. Souther, 48 Grand Ave., San Jose.

ALTERATIONS, \$10,955; Santa Clara & Second Sts., San Jose; owner, M. Gierovich; architect, B. J. Joseph, Call Bldg., San Francisco; contractor, H. Jorgenson, 63 W-Santa Clara St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Amount Accepted
 Sept. 20, 1924—LOT 33 Cole Realty Co. Subdivision, San Jose. L C Rossi to whom it may concern..... \$2500.00

Sept. 20, 1924—E 1/4 LOT 4, all Lot 5 Blk 30, Town of Los Altos, Map No. 3, William H Melsome to whom it may concern..... Sept. 18, 1924

Sept. 20, 1924—SE 3/4 330 1st 21 and NW 3/4 30 1st Lot 20 Blk 19, Parkers Addition to East San Jose. R E Ford to whom it may concern. Sept. 20, '24

Sept. 23, 1924—LOT 12 BLK 1, J. T. Hamilton View Tract, San Jose. Hamilton View Tract, San Jose. Real Estate Subdivision Co. to whom it may concern..... Sept. 16, 1924

Sept. 23, 1924—LOT 2 BLK 2, Mt. Hamilton View Tract, San Jose. Hamilton View Tract, San Jose. Real Estate Subdivision Co. to whom it may concern..... Sept. 19, 1924

Sept. 23, 1924—E MORRISON AVE 120 ft. to the Alameda, San Jose. Mrs. Lena Pollard to whom it may concern..... Sept. 19, 1924

Sept. 23, 1924—LOT 8 BLK 1, Rosecroft Park, San Jose. J G Luchini to whom it may concern. Sept. 19, '24

Sept. 21, 1924—MYRTLE BLVD. & intersection Myrtle and Hedding S 50 E 100 N 50 W 100 Part Lot 4 Blk 173, University Grounds, San Jose. Arthur L. and Catherine A Crosby to whom it may concern..... Sept. 23, 1924

Sept. 24, 1924—SE THIRD AND ST. James, San Jose. Scottish Rite Hall Ass'n to Edw L Soule & Co..... Sept. 23, 1924

Sept. 25, 1924—LOT 7 BLK 1, French Residence Park, San Jose. Carl Patnude to whom it may concern..... Sept. 23, 1924

Sept. 25, 1924—A LOT 57 ft. by 112-6 on NE line of Kipling St Blk 30, Palo Alto. E A Cochran to whom it may concern..... Sept. 23, 1924

Sept. 26, 1924—PTN LOT 35, Los Altos Country Club Properties, Inc to whom it may concern..... Sept. 22, 24

Sept. 26, 1924—E UNIVERSITY AVE bet. Guinda and Seneca Sts, San Jose. William O Horabin to Wells P Goodenough..... Sept. 17, 1924

Sept. 29, 1924—PTN LOT 1 BLK 3 Range 6 South San Jose. P Mitchell to whom it may concern..... Sept. 27, 1924

Sept. 29, 1924—PTN LOT 3 BLK 14, Reeds Addition, San Jose. Frank and Lydiah L. Linder to whom it may concern..... Sept. 19, 1924

Sept. 29, 1924—LOTS 7 AND 8, Wilfords Half Acres, San Jose. Stephen and Edwige Fratini to whom it may concern..... Sept. 25, 1924

Sept. 29, 1924—LOTS 16 AND 22, Costello Acres, San Jose. Oscar & Elizabeth Warbel to Larsen Bldg Constr Co.....

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 Sept. 22, 1924—LOT 13 BLK 2, Beam's Subdn, San Jose. Tilden Lumber & Mill Co vs Joseph and Domenica Tesoriere..... \$298.90

Sept. 22, 1924—LOTS 8 and 9, 50 ft wallader Subdn 5 Acres, San Jose. Duffield Lumber Co vs Pietro Brondella..... \$63.43

Sept. 22, 1924—LOT 1 BLK 2, Vestals Subdn, San Jose. Tilden Lumber & Mill Co vs Frank Bua..... \$394.55

Sept. 23, 1924—SW SAN FERNANDO and Market W on South San Fernando 220 by 120 ft. beg. at San Jose. K T Romic (as Stone-File Co) vs Auersals Estate Co..... \$250

Sept. 23, 1924—6.02 ACRES pt 14.77 acre part of 140 ac. beg. at 50 ft and 60, San Jose. Tilden Lumber & Mill Sept. 29, 1924—S 52.38 ft. by 125.34 ft. of Lot 7 Blk 38, Reeds Addition, San Jose. B H Painter vs Charles M and Catherine J Cassin..... \$68

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SAN FRANCISCO, CALIF., OCTOBER 11, 1924

Published Every Saturday
Twenty-fourth Year No. 41

Schumacher

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210 American Bank Building, S. F.

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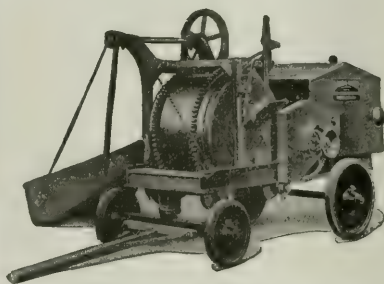
*Appearance
Comfort*

Board

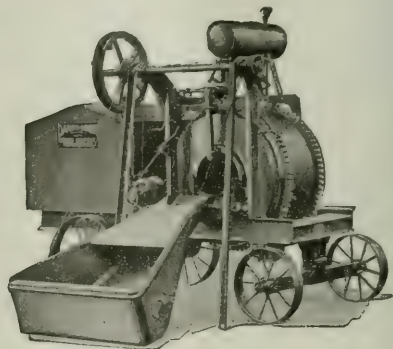
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SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., OCTOBER 11, 1924

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BUILDING MATERIALS COST LOWER PRICE SURVEY SHOWS

Costs of building materials today are substantially below the costs of a year ago, according to a price survey carried on by the U. S. department of labor.

Last year building materials as a group were still 90 per cent above the level of 1913 in price, according to the labor department. At present they are 69 per cent about the 1913 level, a decline of 21 per cent over a year.

Some classes of building materials have declined further than others. Lumber a year ago was still 106 per cent above the level of 1913. Now it is 73 per cent above this level, marking a decline of 33 per cent in one year in lumber prices.

Structural steel has fallen 17 per cent over the past year, being 65 per cent above 1913 a year ago, compared to 48 per cent this year.

Miscellaneous materials including cement, sand, roofing and other materials necessary to construction show an average decline of 5 per cent, being 69 per cent above 1913 a year ago, compared to 64 per cent now.

Decreasing prices of building materials will tend to decrease the cost of construction, it is believed. This high construction cost, the result of high material prices and high labor costs, has been blamed in part for the high rents which accompanied the housing shortage in many cities.

CONCRETE BRICKS AND HOLLOW TILE TO BE STANDARDIZED

Concrete producing organizations, manufacturers of machinery for making concrete bricks, hollow building tile and blocks, and associations whose members are engaged in construction work involving the use of these products have been invited by the Division of Simplified Practice, Department of Commerce to attend a conference in the Hotel Sherman, Chicago, on October 16, to act on recommendations that these products be standardized.

The recommendations have been prepared after a survey of the industry which indicates that there is a considerable variety of concrete blocks, building tile, and brick manufactured in sizes and dimensions which differ but slightly and yet which impose a burden on architect and contractor and indirectly upon the user. The committee which made the survey, comprising H. A. Davis of New York City, of the American Concrete Institute, Newton D. Benson of Providence, R. I., J. A. Ferguson of Philadelphia, M. W. Plumb of Malone, N. Y., and J. W. Oehmann, assistant inspector of buildings of Washington, D. C., began its work some months ago.

The sizes which will be recommended as standard are as follows: Concrete Blocks—height, 7 1/2 inches; length, 15 1/2 inches; and widths of 6, 8, 10, or 12 inches. Concrete Building Tile—Height, 5 inches; length, 12 inches and widths, 3 1/2, 8 and 12 inches. Concrete Brick—Height, 2 1/2 inches and length 8 inches for both smooth and rough; width for smooth, 3 1/2 inches; width for rough, 3 3/4 inches.

STATUS OF WAGE EARNER IS BETTER IN LAST DECADE

Figures recently published by the National Industrial Conference Board show that the average working man is in a much better position today than he was in 1914. In arriving at this conclusion, the Board made a study of twenty-three leading manufacturing industries, employing 700,000 men and found that wages on the average have increased 127.3 per cent since July, 1914. Among the hourly wage increases in some of the manufacturing industries may be noted—123 per cent in the automobile trade, 141 per cent in iron and steel; 158 per cent in rubber.

The Board finds that with the exception of the building and mining industries, all wages are below the high peak of 1920. In commenting on the report the New York Tribune has the following to say:

"The board's estimates are based on a survey covering industries employing 700,000 persons. It finds that in these industries the drop in wages since the war peaks has lagged well behind the drop in prices, and it calculates that labor is actually getting 27 per cent more purchasing power in return for its services than it was getting in July, 1914. That is certainly more than almost any other considerable group of the population was able to snaffle out of the economic cataclysms of the last ten years, and it is at once a compliment to the effectiveness of American labor leadership and a convincing argument against that new form of politico-economic experimentation for which it was once hoped that 1921 would offer the golden opportunity."

INCREASED CEMENT PRODUCTION IS REPORTED

The Department of Commerce, summarizing business conditions throughout the country, says that early reports from basic industries indicate larger production in August than in July, with increases noted in the output of pig iron, steel ingots, and Portland cement, and the volume of building construction and mill consumption of cotton. Compared with August, 1923, building volume and the output of Portland cement were larger. Unfilled orders on the books of the United States Steel Corporation on August 31 called for greater tonnage than at the end of the preceding month while unfilled orders on the books of leading locomotive manufacturers showed a decline.

Sales of merchant pig iron increased over July and a year ago. Stocks at merchant furnaces declined from the end of July but were larger than a year ago. Stocks of Portland cement declined from the end of the previous month but were larger than a year ago, while stocks of zinc declined from July but were about twice as large as holdings on August 31, 1923.

Sales of mail order houses and leading 10-cent chains increased over the previous month and August of last year. Carloadings during August were in greater number than in the previous months. Wholesale prices increased during August.

Check transactions recorded less volume in August than in July. Interest rates continued to decline while stock prices increased. Bond prices increased slightly. Total investments of Federal Reserve Banks increased but bills discounted declined. The reserve ratio at the end of August stood at 82.3 per cent as against 83.0 per cent at the end of July.

PUBLIC OWNERSHIP IS GAINING THROUGHOUT U. S.

H. C. Bottorff, city manager of Sacramento, following his return from Montreal, Canada, where he went to attend the international convention of the City Managers' Association, declares that there is a big movement toward the public ownership of utilities among municipalities all over the United States and Canada.

At the convention the subject of public ownership was brought up in round table discussion and Bottorff was surprised to learn how many cities have either started to acquire their public utilities or are preparing to do so.

"I heard enough from the managers and their experiences with publicly owned utilities to convince me that it is a coming movement and that it won't be very long until every city in the country will be won over to the idea," says Bottorff.

"While in Montreal I visited the hydro-electric plants that are operated under municipal control there. The system is being efficiently and economically managed. I saw nothing that would lead me to believe that Sacramento cannot make a like success in the production and distribution of hydro-electric power.

"It was surprising to see how everybody is interested in California. California is second in the list of states having the most city manager governments. This state has thirty-four; Michigan is first with thirty-six."

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



ALONG THE LINE

Held to be indicative of a general feeling of confidence in the white pine industry, two large timber deals have been closed in Klamath Falls during the past few days by Klamath Falls concerns, both of whom have already very extensive holdings. For a consideration in excess of \$100,000 the Lamm Lumber Company purchased from the Oregon Land Corporation a tract of 3,080 acres. The tract lies parallel to the Southern Pacific Railroad from Coral Springs to the Deschutes River crossing. For an undetermined consideration the Pelican announced consideration of purchasing a tract of 2,240 acres from the Oregon Land Corporation. Mills are running later than was believed possible during the Summer, when demand slackened, and indications are that cutting will resume in the Spring much earlier than ordinarily.

Demands for limestone made during the first half of this year indicate that a greater amount of monumental building work is coming out, taking the place of the type of building that served to meet an emergency. The Indiana Limestone Quarries' Association reports that in the first six months of this year the country called for ten million feet of building stone, as against the best previous six-months record of seven million five hundred feet. It is estimated by the Geological Survey Bureau that the requirements for the entire country this year will be about thirty million feet of building stone.

The report that Premier Mussolini of Italy has approved plans for an 80-story sky-scraper has Long Beach folks anxious to raise their own skyline a bit. The city ordinance now limits buildings to twelve stories and many people want higher buildings, according to replies to questionnaires sent out to obtain a straw vote on the subject. Of 125 replies received, three-fifths favor no limit except the sky, several want the limit set at eighteen stories, some want twenty to thirty stories and a few favor the limit of twelve. A real estate company is responsible for the campaign.

Proposed increases in rates on lumber from Pacific coast points to Arkansas, Iowa, Kansas, Louisiana, Ohio, New York, Oklahoma, Pennsylvania, Texas, West Virginia, and Wisconsin have been suspended by the interstate commerce commission from October 7 to February 4. Similar proposed increases from Pacific coast points to Bradford and East Bradford, Pa., also were suspended. During the suspension the commission will conduct an investigation as to the reasonableness of the new rates.

A bill to provide for another bond issue of \$10,000,000 with which to purchase homes and farms for war veterans of California will be introduced at the next session of the Legislature. It is understood that the bill will be introduced by Assemblyman Robt. B. McPherson of Vallejo.

Efforts are being made by the Open Shop Conference of Connecticut to interest the contractors of the state in apprentice training. Several trade schools are already in operation and it is planned to start additional ones in the near future.

The foreign trade department of the San Francisco Chamber of Commerce has received from Lewis E. Haas, the Chamber's Washington representative, a message stating that the U. S. Treasury Department had made a decision against the cement dealers of the United States in the case known as the "anti dumping case" in which many Californians were interested. An anti dumping duty was asked by the cement dealers on the ground that cement made in other countries was being brought to the United States and sold below the cost of production in order to get the trade. The treasury decision was based on the assertion that no evidence was offered that this cement was being brought into this country and sold below the cost of production.

"Lack of good will between employer and employee is losing the industries of the country 25 cents of every dollar in the pay envelope," is the statement made by S. F. Fannon of the Sherman Service Inc. in an address before the convention of the Ohio State Foundrymen's Association, which was recently held in Cleveland. "A survey of 100 typical workmen reveals that 10 per cent are producing a full day's work. Another 10 per cent believe it pays to give the employer as little service as possible. This class represents a 50 per cent loss. The remaining 80 per cent are willing to do just enough to get the job, and represent a 25 per cent loss. The net result is a loss of 25 cents on every pay-roll dollar."

The gross receipts to be collected in the state in 1924 for highway maintenance work from motor vehicle registration fees, gasoline taxes and gross receipts from motor transportation companies, was estimated at approximately \$21,760,000 in a report issued by Will H. Marsh, chief of the state division of motor vehicles. Marsh estimates this amount will be collected as follows: Gasoline taxes, \$14,000,000; motor vehicle fees, \$7,160,000; tax on gross receipts of transportation companies.

The Master Plasterers' Association of Oakland discovered the fake school of plastering where the innocent man old boy is led to believe that for \$150 he can be taught the plasterer's craft. The association refuses to make public the name of the school but steps have been taken to see that the institution either closes its doors or operates in accordance with the best traditions of the ancient art of plastering.

The business course is upward with indications of continued slow steady gain according to a report recently made public by the National Association of Purchasing Agents. Based on the survey of coal consumed for industrial purposes, business as a whole shows an increase of 11 per cent for the month of August, as compared to the month of July, the report continues.

Walter G. Mathewson, state labor commissioner, has filed suit against the Alta Lumber Company, on the Forest Hill Divide, Placer County, for \$458.55, alleged to be due eight laborers, who assigned their claims to the commission for services performed for the defendant company. The services were alleged in the complaint to have been performed during the Summer of 1923.

Ben F. Dupuy, who has served various southern California cities as engineer, is now sales manager for Besone's Distributing Company, Los Angeles, engaged in hauling and spreading road oil. Mr. Dupuy was for four years city engineer of South Pasadena, and served in like capacity for one year at Watts and Vernon, two years at Long Beach and two years at Fullerton and two years at Glendale. He resigned as city engineer of the last named city only a few weeks ago.

Appointment for the position of city engineer of San Leandro, an office created by the city trustees to supersede the four offices of building inspector, health officer, plumbing inspector and city electrician, will be made at the next meeting of the city trustees, October 20. The names of F. D. Duncan and B. F. Barbee have been submitted for appointment to the office, which carries a salary of \$250 a month.

Edward Crowley, formerly manager of the Los Angeles office of the Rix Compressed Air & Drill Co. and later sales manager for the same company working out of the San Francisco office, is now general sales manager for the Climax Engineering Co. of Clinton, Ia., where the company has an extensive plant and manufacturers internal combustion engines and self-contained refrigerating units.

The Oakland city council has commissioned four engineers to make a survey of the proposed Oakland harbor development project. The engineers are: G. R. Hogard; Prof. Chas. B. Marx, professor of engineering, at the Leland Stanford University; Amos Fries, U. S. Government engineer and C. T. Leeds of Los Angeles. The engineers will each receive \$100 a day.

General George W. Goethals, engineer who built the Panama canal, may be tendered the position of port engineer for Los Angeles harbor. The engineer would be at the head of the harbor engineering department during the next five years, when many millions are to be expended on the harbor by both the city and the Federal Government.

Sessions Engineering Company has opened offices at 1238 Northwestern Bk. Bldg., Portland, Ore., and will maintain a complete staff of design, layout, and construction engineers, in addition to their regular staff of electrical and mechanical engineers. H. F. Winte will be in charge.

A voluntary petition in bankruptcy has been filed in the United States District Court by Frederick William Borden, a San Leandro contractor and builder. He owes \$49,722.85 with assets of \$65,536 of which \$5500 are claimed to be exempt.

Raymond Witt has been named city engineer of Chico, succeeding Charles E. Ennie who resigned. The appointment was made by City Manager Ira R. Morrison.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

CODE OF ETHICS COMMITTEE IS APPOINTED

A committee composed of three members of the San Francisco Builders' Exchange, three members of the San Francisco Chapter, American Institute of Architects, and three directors of the Industrial Association of San Francisco, has been selected to formulate a code of ethics for the building industry of San Francisco and vicinity. Two meetings have been held and considerable progress has already been made.

To represent the Builders' Exchange John Miller, George T. Bowen and Clifford S. Alford were appointed by President Wm. H. George, who is also an ex-officio member of the committee. The Architects will be well represented by Joseph Fairweather, A. J. Evans and John Reid Jr., with George A. Applegarth as ex-officio member. J. W. Mason, A. J. Kleimeyer and Michel Weil were selected from the Industrial Association.

SEATTLE TURNING OUT BRICK-LAYING APPRENTICES

In a communication to members of the Seattle Chapter, Associated General Contractors, H. V. Bogert, executive secretary states that "The attention of all members is directed to the action taken by the chapter with reference to apprentice brick-layers. The apprentices will be in school Saturday mornings, in the vocational public school under instructors supplied by the school board. The employer will pay the apprentice for this school attendance the same as though he were at work on the job. Each Monday morning will present a ticket, signed by the instructor, which will be evidence of his presence in the class room. This ticket will entitle the apprentice to his place on the payroll for the Saturday morning preceding."

LUMBERMEN TO MEET

Lumbermen of the Northwest, members of the West Coast Lumbermen's Association, with headquarters in Seattle, will be called to Aberdeen, Wash., for a stockholders' meeting October 17, according to announcement made by Ernest Dolge, president of the association. Problems of standardization are to be discussed.

Lumber manufacturers and their superintendents and foremen are being brought together by President Dolge in group meetings for the discussion of plant problems, which are producing good results, it is reported by the association. It has been found that among rejects of car siding, 68 per cent of defects are due to the human element in manufacture and only 32 per cent to natural defects of the log, it was stated. Just how to lessen the occurrence of man-made defects is being worked out in the group meetings.

ELECTRICAL CLUB FORMED

Members of the electrical profession in Kern County, at a meeting in the Tegeler Hotel, Bakersfield, organized the Kern County Electrical Society, the purpose of which shall be to promote the social welfare of local electrical workers. The next meeting will be held in the Tegeler on Nov. 20. Officers of the association are: M. Anderson, chairman; O. A. Komers, assistant chairman; A. K. Carson, secretary and L. Jason, treasurer.

Conference on Wood Utilization is Called by Secretary Wallace

Secretary Wallace has issued a call for a national conference on the utilization of forest products, according to an announcement from the Forest Service United States Department of Agriculture.

This meeting, to be held in Washington on November 19 and 20, will mark the most comprehensive attempt ever made in the United States to have the economical use of existing timber supplies take its essential place in the national forestry program along with the prevention of forest fires and the growing of timber crops, declare officials of the Forest Service.

By better ways of manufacture and use the drain on the country's forests can be reduced at least one-fourth. Secretary Wallace states in his letter to 150 representatives of wood-using industries, consumers, the building crafts, and the general public who have been asked to name 2,000 men and women to whom invitations to attend the conference should be sent.

It is planned to have the two-day meeting attended by representatives of both the wood-manufacturing and wood-consuming industries of the country. Newspapers, periodicals, railroads, builders, architects, foresters, forest schools and the general public will be represented. Secretary Wallace will issue his invitations to the conference as soon as possible after receiving the response to the letters he mailed.

In his letter the Secretary said: "As you know, the question of timber supply is becoming more acute year by year. We are studying it from three

angles; first, how to protect the timber we have from fire, insect pests and plant diseases; second, how to encourage the growing of more timber, both on national forests and private forests; third, how to cut down the waste in the manufacture and use of wood.

"We believe that by better ways of manufacture and use the drain on our forests can be reduced by at least one-fourth. This problem has not received the attention it should have. We need more facts than we have as the basis for a workable program. After considering the whole matter carefully I have decided to call a national conference on wood wastes, to be held in Washington, November 19 and 20, in the hope that such a conference may be able to work out a plan of point action by Federal, State and Industrial agencies. The responsibility is a joint one in which the public and the industries alike have a vital interest.

"The thought is to invite representatives of all the associations and industries financially interested in the manufacture and use of forest products, as well as the representatives of State forest organizations, the trade and general press and public interest and educational groups. I am hoping that you and several others will come from your own association, and I am asking if you will suggest the names of individuals who will take a live interest in the subject and to whom I can send personal invitations. I believe the purpose of the conference is sufficiently important to justify the time and expense consumed in attending it."

STATE LUMBERMEN TO CONVENE

Arrangements are being made for the annual convention of the California Retail Lumbermen's Association to be held at the Biltmore Hotel, Los Angeles, Nov. 8 and 9, 1924. This association has 300 members and a large proportion of them are expected to be in attendance. Invitations have also been extended to all lumbermen of the state, to lumber manufacturers and wholesalers and representatives of lumber trade papers.

The committee of arrangements consists of President C. W. Pinkerton, Whittier, chairman; A. B. Westall, manager, San Francisco; Mrs. J. E. Fraser, secretary northern district, San Francisco, and H. Riddiford, secretary southern district, Los Angeles.

Mr. Riddiford will have charge of the entertainment features and will select his own committee to assist him in this important duty.

The annual banquet will be held at the Biltmore Hotel Friday night, Nov. 7. Friday's business sessions will be devoted to the discussion of practical subjects, and election of directors will take place at the session Saturday morning. The new directors will not take office until Jan. 1, 1925.

Exhibits of lumber and lumber products are planned. These should be of interest not only to lumbermen but also to architects, contractors and prospective home builders.

ALAMEDA BUILDERS TO SMOKE

Planning a smoker and get-together for the night of October 28, the Master Builders of Alameda county are at work appointing committees and making final arrangements.

Joe Maganini has been appointed general chairman of a committee to arrange for the affair, by Horace Jones, president of the club. John Moore of Barrett & Hilp has been named Maganini's chief assistant.

Every general contractor in Alameda county is invited to the affair. Talent is being lined up by the committee and extraordinary features are being planned for the entertainment of the smokers.

WORKS BOARD WILL HOLD BIDDERS FOR ERRORS

At a meeting of the board of public works of Los Angeles Oct. 1, it was ordered "that the attention of bidders for street work in the city of Los Angeles be called to the fact that in the future the board of public works will not release bidders for such work on account of any errors they may make in their bids therefor." In explanation of its order the board states that errors made by bidders have recently caused delays in awarding contracts on several street and sewer jobs. With the great amount of work already accumulated, it is important, the board points out, that no time be lost.

September Building Summary

C. C. Fleshman of Turlock has established a sand, gravel and rock plant at Cressey, Stanislaus County, with a capacity of from 150 to 200 tons a day.

ARIZONA:	September, 1924	September, 1923	August, 1921
Phoenix	\$ 211,015	\$ 127,323	\$ 210,529
Tucson	192,708	90,109	79,275
Total	\$ 403,724	\$ 217,432	\$ 289,804
CALIFORNIA:			
Alameda	\$ 128,737	\$ 78,410	\$ 145,619
Alhambra	318,020	1,307,190	308,950
Anaheim	57,190	212,611	34,965
Bakersfield	88,891	36,019	62,626
Berkeley	405,809	765,160	901,908
Beverly Hills	866,690	287,050	488,191
Burbank	287,375	181,361	110,480
Burlingame	277,517	186,380	257,733
Colton	2,068,746	29,890	10,550
Compton	89,590	104,500	58,415
Coronado	37,160	29,400	63,920
Emeryville	44,215	32,683	75,863
Eureka	46,210	44,000	144,500
Fresno	147,415	296,659	148,916
Fullerton	30,420	105,325	370,600
Glendale	781,687	680,244	687,611
Huntington Park	135,263	211,615	100,763
Inglewood	71,550	200,975	74,150
Long Beach	2,268,746	1,409,462	1,045,041
Los Angeles	13,690,167	14,699,353	13,593,093
Modesto	22,610	39,799	62,390
Monrovia	141,400	169,680	167,100
Monte Bello	21,245	25,100	43,140
National City	80,673	8,000	32,353
Oakland	2,502,144	2,147,296	3,026,711
Ontario	102,435	60,550	54,020
Palo Alto	139,359	172,989	196,933
Pasadena	923,999	1,061,338	1,306,322
Piedmont	102,810	132,878	91,833
Pomona	71,679	121,865	89,000
Redondo Beach	109,465	91,975	138,400
Redwood City	86,360	40,950	64,440
Redlands	51,010	30,025	49,230
Richmond	117,215	90,148	66,638
Riverside	111,342	330,355	136,181
Sacramento	632,016	429,998	497,957
San Bernardino	352,275	233,786	356,722
San Diego	985,567	1,306,260	1,632,051
San Francisco	5,671,784	2,907,389	4,040,998
San Gabriel	35,875	22,950	37,793
San Jose	721,980	184,655	298,441
San Leandro	80,743	62,040	84,885
San Mateo	150,195	155,000	117,135
San Rafael	150,195	21,850	28,117
Santa Ana	21,295	493,206	126,678
Santa Barbara	230,235	363,152	212,861
Santa Cruz	211,735	78,635	38,771
Santa Monica	417,519	561,100	291,535
South Gate	50,290	100,155	125,773
Stockton	281,798	318,615	369,319
Torrance	70,475	131,100	32,220
Vallejo	66,535	10,736	10,736
Venice	141,900	223,545	112,200
Ventura	82,291	43,515	61,300
Whittier	69,565	269,257	50,535
Total	\$34,137,986	\$32,675,218	\$33,201,271
IDAHO:			
Boise	\$ 223,278	\$ 110,069	\$ 103,200
NEVADA:			
Reno	\$ 19,400	\$ 16,400	\$ 59,200
OREGON:			
Astoria	\$ 147,680	\$ 125,300	\$ 103,900
Eugene	99,000	94,400	384,000
Klamath Falls	239,050	20,800	402,300
Portland	2,548,575	2,508,060	3,152,100
Salem	107,230	65,000	124,300
Total	\$ 3,182,333	\$ 2,683,560	\$ 4,167,200
UTAH:			
Logan	\$ 51,800	\$ 11,000	\$ 6,000
Ogden	110,300	267,300	113,200
Provo	28,600	30,312	77,000
Salt Lake City	445,522	953,775	507,700
Total	\$ 636,223	\$ 1,262,387	\$ 704,200
WASHINGTON:			
Bellingham	\$ 74,313	\$ 56,024	\$ 110,000
Everett	79,484	53,693	478,000
Hoquiam	36,645	18,370	22,000
Seattle	1,439,970	1,493,825	2,116,000
Spokane	203,724	158,410	742,000
Tacoma	516,860	507,690	185,000
Vancouver	37,835	100,495	40,000
Walla Walla	14,475	12,770	6,000
Yakima	161,465	150,648	8,000
Total	\$ 2,594,571	\$ 2,411,925	\$ 3,802,000
Grand Total—77 Cities	\$40,760,719	\$39,376,991	

PUBLICATIONS

The Structural Materials Research Laboratory, Lewis Institute, 1841 West Madison street, Chicago, has issued Bulletin 12 on "Tests of Impure Waters for Mixing Concrete." This bulletin was originally published as a paper in the copyrighted proceedings of the American Concrete Institute. It gives the results of concrete tests made on 65 lots of water samples collected from many different localities. The tests covered a wide range of mixes and consistencies and the age at test ranged from three days to more than two years.

Universal Holst and Manufacturing Co., Cedar Falls, Iowa, is distributing a pamphlet illustrating the Ideal hoist, operated by the New-Way air cooled engine, style No. 2, for general contractors' use. This style of reversible hoist is equipped with large cable sheave wheels on the drum shaft for operating double cage elevators. Complete description, illustrations of design and construction, and cost are included in this pamphlet.

The Bureau of Standards has published a mimeographed circular entitled "Inspection of Portland Cement." The paper was prepared by John R. Dwyer and Roy N. Young of the cement section of the bureau, and the information contained therein is based on the experience of the Bureau in caring for government purchases of cement.

The Master Builders Company, Cleveland, Ohio, announces the issuance of its latest edition of the Architects' Handbook, describing Colormix and Colormix floors. The handbook comprises fifteen pages with illustrations reproducing quite accurately the actual appearance of the floor themselves. Copies will be mailed on request.

The Truscon Laboratories, Detroit, Michigan, are distributing a color chart and literature describing Stone-Tex, a new damp-proof coating, obtainable in flat finish colors and applied with a brush. This new product is intended for exterior concrete, stone, brick, or stucco and is manufactured by the Truscon Laboratories, Detroit.

The Ryerson Journal and Stock List for September-October is ready for distribution. It contains the eleventh of a series of articles describing the making of steel and steel products. Copies of the journal may be had by writing to Joseph T. Ryerson & Son, Inc., Sixteenth and Rockwell Streets, Chicago.

Industrial Works, Bay City, Michigan, has published Catalog No. 114, illustrating and describing industrial power wheel and high power clam shell buckets, for use by contractors, coal dealers, power houses, railroads, steel plants, ore docks, refineries, chemical works, cement mills, etc.

Goetz Brass Co., 630 N. Franklin St., Chicago, has published a new 36-page catalog illustrating the firm's full line of bath, shower, and lavatory fixtures and brass specialties. A copy of the catalog may be had by writing the Goetz Brass Company.

A Text Book for Bricklayer Apprentices, prepared by the Common Brick Manufacturers' Association, is being published by the McGraw Hill Company, New York, and soon will be ready for distribution.

Wage Rates Have Not Curtailed Construction—Says Building Chief

Special Correspondence From A. W. Dickson, Executive Secretary of the Nat'l. Association Building Trades Employers

During the early months of last year it was freely predicted that any general wage increase granted to the building trades would immediately result in the slowing down of the entire construction industry. A careful analysis of the situation reveals that although wages began to climb in April, 1923, and continued to do so until July of this year, there has been no general depression in the industry, but rather a marked improvement of conditions has been the result.

The year 1923 witnessed the greatest building boom this country has ever had according to statistics published last January by the F. W. Dodge Corporation. The total value of building permits issued in 208 cities during the year amounted to \$3,167,969,220; an increase of \$593,190,349, over 1922 which in itself established a new high record. From present indications it is believed that the astounding record of 1923 will be shattered this year, because figures from thirty-six eastern states for the first eight months of this year show that permits issued exceed in value those for the corresponding period of last year by about 11 per cent.

While labor costs have been on the increase since April, 1923, and are now

approximately 20 per cent higher than the average for the past five years, material costs have become stabilized and since Sept. 1, 1923, have only shown a range that has been within the compass of 5 per cent. Material costs are now about 10 per cent under the average for the past five years. This is no doubt one of the determining factors in the building boom that is sweeping the country.

Another important consideration to be borne in mind when arriving at the reasons for the activity of the construction industry is the fact that high wages have resulted in increasing purchasing power. Reports show that nearly 50 per cent of the building done during the past two years has been residential, a situation that is only made possible through the prosperity of the wage earners.

The upward trend of wages has stopped and present rates will no doubt prevail until the early part of next year. Whether there will be a tendency on the part of the trades to seek additional raises during 1925 or whether the leaders will content themselves with holding them at the present level is difficult to determine at this time.

LARSEN NAMED COAST MANAGER FOR NATIONAL STEEL FABRIC

The National Steel Fabric Company, Pittsburgh, Pa., a subsidiary of the Pittsburgh Steel Company, has opened an office and warehouse at 274 Brannan Street, San Francisco, where they will carry a complete stock of products they manufacture including: National Electrically Welded Wire Fabric; National Stucco-Plaster Reinforcement (Style P-214); Plain and Galvanized Annealed Wire.

The National Steel Fabric Company is the world's largest manufacturer of Electrically Welded Fabric, a mesh reinforcement used universally for the reinforcement of concrete slabs in buildings, reservoirs, roads, irrigation ditches, concrete pipe, etc.

National Stucco-Plaster Reinforcement (Style P-214) is a combination of Electrically Welded Fabric, and a heavy waterproof paper backing used as a combined base and reinforcement for exterior stucco and interior plaster on both walls and ceilings, or cement or tile porch and bathroom floors.

Mr. Henry A. Larsen, formerly manager of structural products for the Wickwire Spencer Steel Corporation, is in charge of the western territory, as Pacific Coast manager.

Mr. Larsen will be remembered as the vice president and sales manager of the L. A. Norris Company, who were pioneers on the coast of electrically welded fabric.

Mr. George E. Carr formerly northern representative for Klinch-Lath Corporation, is associated with Mr. Larsen as special representative.

The Los Angeles offices and warehouse of the company are located at 1736 Naud street. Mr. F. C. Whitmore is the Los Angeles manager and Mr. E. E. Adams is assistant coast manager. Mr. Whitmore has been in charge of the Los Angeles office for the National Steel Fabric Company for some time. Mr. Adams was formerly in charge of structural products of the Wickwire Spencer Steel Corporation in Southern California.

SAN FRANCISCO AND LOS ANGELES ENGINE BUILDERS COMBINE

Announcement is made of the merger between the Enterprise Engine Company of San Francisco and the Western Machinery Company of Los Angeles.

This merger brings together two of the largest builders of internal-combustion engines on the Pacific Coast and creates the largest organization of its kind in the West. Both principals of this merger are well known throughout power and engineering circles both of this and foreign countries.

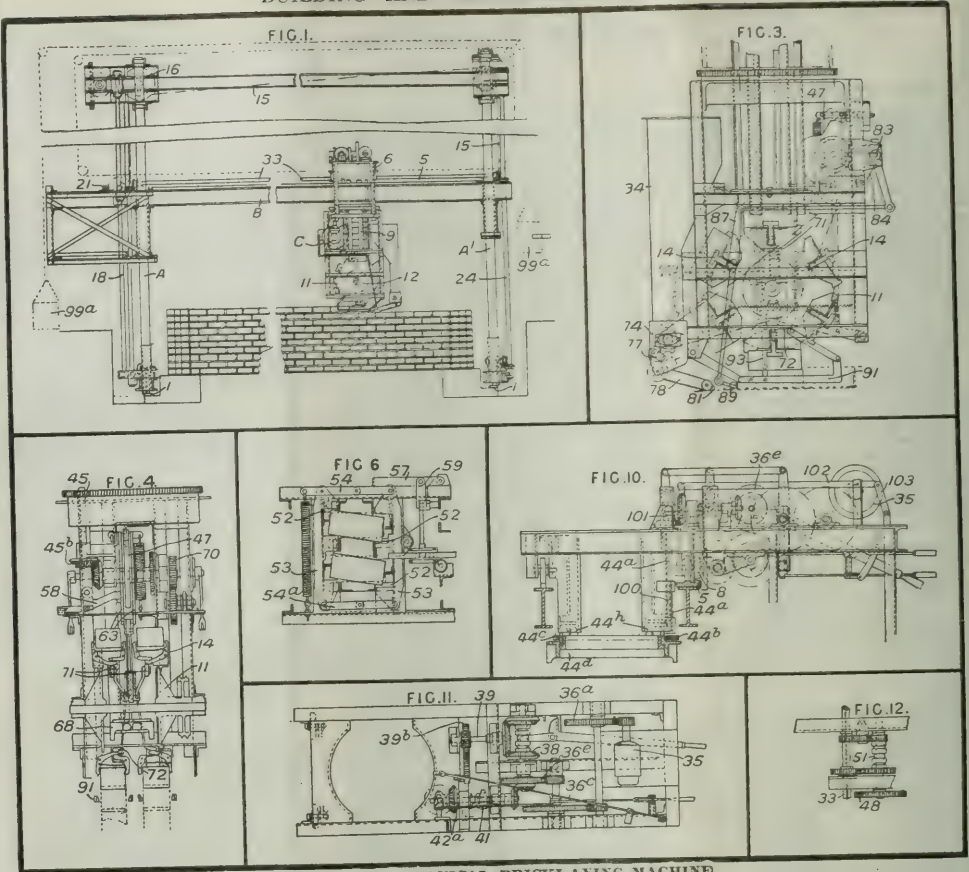
The Western Machinery Company is the older in point of years of the two concerns, having started in the manufacture of internal-combustion gas and gasoline engines approximately a quarter of a century ago as the Western Gas Engine Corporation at the site of its present plant number one in Los Angeles.

The Enterprise Company had its inception in the early part of 1916 in San Francisco. Like the Western Machinery Company, the Enterprise Engine Company's original plant was a gasoline or distillate engine of modern type.

Natural progress in the development of their various types of engines, coupled with the changing conditions in the fuel oil markets, resulted in the course of time in the production by both companies of engines of the Diesel type.

The officials of the two companies who will be actively identified with the new organization are as follows: Western Machinery Company—Wm. Angus, president and general manager; George F. Guy, vice president; Sam Kahn, treasurer; W. R. Hale, secretary; J. M. Davis, sales manager; John H. Suter, chief engineer. Enterprise Engine Company—Charles J. P. Hoen, president; H. E. Morgan, vice president; A. J. Martens, treasurer; Wm. J. Donlon, secretary; Henry Martens, director. Headquarters of the new company will be at Los Angeles.

J. P. Browner is branch manager for San Francisco with offices at 423 Rialto Building.



DETAILS OF MECHANICAL BRICKLAYING MACHINE

The patent office description of the machine reads as follows:

"A bricklaying machine for building four enclosing walls simultaneously comprises two upright frames (A, A', Fig. 1) traveling on rails (1) and a horizontal framework (B) adjustable vertically by hand gearing and on which traverses bricklaying mechanism (C). The rails (1) are laid outside two parallel walls to be built, and the machine is moved in succession forward as a whole; then the laying device (C) is moved across; the whole is moved backward, and again the device (C) is moved across, so that brick are laid alternately on the main and the end walls. The carriage (6) rides on a rack (5) and carries a brick receptacle (9) below which is the laying mechanism (11) rotatable on an axis (12).

The framework (B) is suspended by ropes (15) that pass from a winding drum (16) driven by a square shaft (18) that is rotated by manually operated gearing (21).

The entire machine is driven on the rails (1) by the vertical shafts (24) and the horizontal shaft (33) actuated by a motor (35, Figs. 10 and 11), through wheels (36e, 48) and clutch (51). For traversing the laying device on the framework (B), the motor (35) drives gearing (36a, 36c, 36e) and reversing bevel gearing (38) controlling a shaft (39), which by gearing (39b) drives a spur wheel (8) in mesh with the rack (5).

The brick are fed by hand from automatically rising and falling cages (99a) to the receptacle (9). The bottom

Editor's note: The following article, taken from the Patent Journal of the British Patent Office, describes the operation of the new bricklaying machine that has received so much publicity in this country and that has been previously mentioned in the Daily Pacific Builder.

It is understood that the machine is still in an experimental stage; but in several instances it actually has been put to work Kaye, of Edinburgh, Scotland. It is interesting to see how the inventor has worked out the difficult details. It is claimed for the machine that it can lay from 1000 to 1500 brick per hour.

We wish to acknowledge the kindness of the Brick and Clay Record, the Common Brick Manufacturers' Association, and H. Greville Montgomery, editor of the British Clayworker, and The American Contractor of Chicago, through whose efforts the article was secured.

brick lie diagonally on projecting plates (52, Fig. 6), and between notched plates (53) that are pivoted to levers, (54, 54a) operated by an arm (57), link (59), and bell-crank lever (58, Fig. 4) coaxing with a stop (70) on a depending rod (63).

At every brick length traversed, the cam (47) driven by pinion (45) and bevel gearing (45b) permits the rods (63) to descend and push the brick from the receptacle (9) so that they

fall and are received by spring arms (14, Figs. 3 and 4), at the top of a rotating drum or frame (11). The arms open out on contact with fixed rollers (71), and as the drum rotates the arms (14) are opened again in their lowest position by bars (72), and the lowest brick are deposited by the descent of the plunger (68). Mortar in a tank (34) is discharged by a grooved roller (74), whence it is removed by scrapers (77) to endless bands (78) and is deposited by a scraper (81) on the brick already laid.

The newly laid brick are pushed up against those already laid by a bar (89) operated by a lever (87) and rocking shaft (83) carrying a roller arm (84) coaxing with the cam (47). The laying device is rotated through a right angle at the end of each travel and traverse by the pinion (44b, Fig. 10) and loose wheel (44c) operated through the clutch (41), bevel gearing (42a), and vertical shaft (44a).

The casting (44d) is locked by lugs (44h) engaging notches and are released when desired by a hand link (103), link (102), bell crank (101), and rod (100). Guiding arms (91, Fig. 3), insure alignment of the laid brick and are raised clear by a rod (33) at each partial rotation of the laying device. In one modification, the framework (B) that extend along one pair of walls; and in another form, the laying device travels along a 4-sided horizontal framework supported by vertical structures. Specifications 119, 331, and 134, 296 are referred to."

Building News Section

APARTMENTS

Sub-Contract Awarded.
APARTMENTS Cost, \$100,000
OAKLAND. Alameda Co., Cal. Bay
 Place and Montecito Avenue.
 Four-story class C brick apartment
 house, brick exterior and slate roof,
 80 rooms.
 Owner—Sommarstrom & Claussen, 1536
 Franklin St., Oakland.
 Architect—Clay N. Burrell, American
 Bank Bldg., Oakland.
 Contractor—Sommarstrom Bros., 1536
 Franklin St., Oakland.
Plumbing to J. Goldstein, Oakland.

Plans Being Figured.
APARTMENTS Cost, \$20,000
SAN FRANCISCO. Twenty-fourth Ave.
 and California St.
 Two-story frame & stucco apartments.
 Owner—Mr. Tobin.
 Architect—Edw. E. Young, 2002 Calli-
 fornia St., San Francisco.

Sub-Figures To Be Taken Next Week.
APARTMENTS Approx \$150,000
SAN FRANCISCO. Jones and Maiden
 Lane.
 Six-story and basement steel and brick
 apartment house (54 2-room apts.)
 Owner—A. Hanch.
 Architect—Albert Burgen, 110 Sutter
 St., San Francisco.
 Contractor—E. W. Jensen, 320 Mar-
 ket St., San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, \$25,000
SAN FRANCISCO. SE Twentieth and
 San Carlos.
 Three-story frame, stucco and brick
 veneer store and apartment build-
 ing (10 2-room apts.)
 Owner—Mr. W. Nelson.
 Architect—Edw. E. Young, 2002 Calli-
 fornia St., San Francisco.

Plans Complete.
APT. BLDG. Cost, \$25,000
SAN FRANCISCO. NE Fulton & 20th
 Avenue.
 Three-story & basement frame apart-
 ment building (10 apts.)
 Owner—O. M. Oyen, 67 Carmel St., San
 Francisco.
 Architect—Bauman & Jose, 251 Kear-
 ny St., San Francisco.

Bids For Plastering to be Taken
Shortly.
APARTMENTS Cost, \$100,000
OAKLAND. Alameda Co., Cal. Bay
 Place and Montecito Avenue.
 Four-story Class C brick apartment
 house, brick exterior and slate roof,
 80 rooms.
 Owner—Sommarstrom & Claussen, 1536
 Franklin St., Oakland.
 Architect—Clay N. Burrell, American
 Bank Bldg., Oakland.
 Contractor—Sommarstrom Bros., 1536
 Franklin St., Oakland.
Plumbing awarded to J. Goldstein,
 Oakland.

Bids Wanted for Reinforcing Steel.
APARTMENTS Cost, \$70,000
SAN FRANCISCO. S O'Farrell St. 162-6
 W Larkin St.
 Four-story and basement reinforced
 concrete apartment building (23
 Bids for plumbing and heating will
 apartments).
 Owner—O. E. Carlson, 180 Jessie St.,
 San Francisco,
 be called for shortly.

BONDS

ONTARIO. San Bernardino Co., Cal.
 —Amount of bond issue to be voted on
 Oct. 23 for new grammar school at D
 St. and Allyn Ave. is \$64,000.

SANTA BARBARA, Cal.—The city
 council will probably call a bond elec-
 tion to vote on a \$230,000 issue for the
 purchase of a 200-ft. strip along the
 beach front, between Stearns Wharf
 and Beale's Point.

SAN PABLO, Contra Costa Co., Cal.—
 Election will be held Oct. 23 in San
 Pablo School District to vote bonds of
 \$45,000 to finance school improvements.
 Trustees of district are: M. G. Moltoza,
 Henry C. Solito and Laurence M. Silva.

CHURCHES

Figures To Be Taken in a Week.
CHURCH Cost, \$90,000
SACRAMENTO. SE 21st St. and J St.
 Concrete frame & brick veneer church
 with tile roof.
 Owner—Grace Methodist Episcopal
 Church.
 Architect—Woollett & Lamb, Mull
 Bldg., Sacramento.

Contract Awarded.
CHURCH Cost, \$35,000
SOUTH SAN FRANCISCO. San Mateo
 County.
 One-story frame and stucco church.
 Owner—Methodist Church of South San
 Francisco.
 Architect—Wythe, Blaine & Olson, 1800
 Telegraph Ave., Oakland.
 Contractor—C. H. Lawrence, 5321 Law-
 ton, Piedmont.

Contract Let.
ALTERATIONS ETC. Cost, \$8000
LIVERMORE. Alameda Co., Cal.
 General alterations and additions to
 church.
 Owner—Methodist Church.
 Architect—Wythe, Blaine & Olson, 514
 Central Bank Bldg., Oakland.
 Contractor—S. Bothwell & Son, Liver-
 more, Cal.

Material of Merit DOORS

Firedoors, Freight Elevator,
 Garage and Warehouse Doors.
**Fold-up-Dors, Ti-co-dors, Cobald-
 dors, Wal-el-dors.**—St. Louis
 Fire Door Co.

STORE FRONTS

The newest and most diversified
 store front.—Security Metal
 Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-
 slipping flooring.—Irving Iron
 Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

Contract Awarded. Cost, \$30,000
REMODELING
MARYSVILLE. Yuba Co., Cal.
 Remodel church buildings.
 Owner—St. Joseph's Catholic Church.
 Designer and Contractor—Grace and
 Bernieri, Claus Spreckels Bldg.,
 San Francisco.

SAN BERNARDINO, Cal.—Arch. Archt.
 Robert H. Orr, 1300 Corporation Bldg.,
 Los Angeles, commissioned to prepare
 plans for church bldg. at cor. Base Line
 St. and E St., San Bernardino, for the
 First Christian Church. It will have
 an auditorium to seat 1000 people, ban-
 quet hall to care for about 650 people,
 kitchen, graduated classrms., balcony,
 etc. Reinf. conc. constr., plaster exten-
 tile and comp. rfg., art glass, cement
 and pine fls., gas hgt. and vtg. sys.,
 tiled restrms., pipe organ, water htr.,
 pine and hardwd. trim; \$100,000.

LOS ANGELES, Cal.—Archts. Allison
 & Allison, 1405 Hibernian Bldg., tak-
 ing bids for church bldg. at s.w. cor. of
 Wilshire and Plymouth Blvds. for Wil-
 shire Congregational Church. Bids are
 being taken on 17 segregated con-
 tracts. The bldg. will be 101x164 ft., ex-
 treme dimensions, reinf. conc. constr.,
 stucco and cast stone exten., clay tile
 rfg., art glass, tower 141 ft. high, stone
 floor, stone and birch inter. finish,
 steam hgt. polychrome wood ceiling,
 exposed roof trusses, 2 pulpits, stone
 furniture; \$225,000.

FACTORIES & WAREHOUSES

Sub-Bids to be Taken Next Week.
BRICK BLDG. Cost, \$100,000
SAN FRANCISCO. Fourteenth St. near
 Harrison St.
 Two-story brick building and one-story
 brick building.
 Owner—Western Coöperage Co.
 Engineer & Contractor—The Austin Co.
 of Calif., 605 Market St., S. F.

Plans Complete. Cost, \$40,000
FACTORY
SAN FRANCISCO. W Potrero Ave. 125
 N 16th St.
 Two-story concrete factory.
 Owner—Forderer Cornice Works, 16th
 and Potrero Ave., San Francisco.

Date of Opening Bids Extended to Oct.
 8 at 12 O'clock.

BUILDINGS Cost, \$500,000
EMERYVILLE. Alameda Co., Cal. Bk
 bounded by Hollis St., 45th and
 Stanford Aves.

Six 1-story reinforced concrete build-
 ings, storage yards, warehouse,
 machine & electrical shops, found-
 ry, laboratory buildings, metal
 shop and spur tracks.

Owner—Pacific Gas & Electric Co., 445
 Sutter St., San Francisco.
 Architect—Eng. Dept. of Owner.
Excavating awarded to C. H. & A. W.
 Gorrill, Bacon Bldg., L. A.

Sub-Contracts Let. Cost, \$60,000
FACTORY
SAN FRANCISCO. NE Keith and Don-
 ner Street.

One-story reinforced concrete factory.
 Approx. 100x300.
 Owner—Pacific Electric Mfg. Co., 827
 Folsom St., San Francisco.

Architect—Geo. H. Wiermeyer, 57 Post
 St., San Francisco.
Plumbing to Geo. Rehn, 1979 Mission
 St., at \$2170.

Excavating to R. J. Forbes, Monadnock
 Bldg., at \$12,450.

SANTA BARBARA, Cal.—Seibel Air
 Spring Co., A. W. McNulty, John L.
 Dunn, A. J. Mooney, I. D. Barnes, San
 Francisco, and E. J. Norris, Oakland,
 has incorporated for \$500,000 and will
 build a factory on E Haley St.

LOS ANGELES, Cal.—McEvoy Well Cleaner Co. and Standard Slotted Pipe Co., Higgins Bldg., are erecting a factory bldg. on W. Slauson Ave. Dimen. 60x160 ft., brick walls, 1-story, steel frame constr., cem. fls., comp. rig., steel sash, metal skylights.

MODESTO, Stanislaus Co., Cal.—C. L. Holman is in charge of construction of D. V. O. Products, Inc. plant, the first unit of which will be of concrete construction, 80x100 ft. Another unit will be undertaken on completion of the first, the second unit to be 32x140 ft. Total cost \$200,000. C. E. Gillman is engineer on the project.

LA VERNE, Cal.—La Verne Co-operative Citrus Assn., T. J. Steves, pres., has started erection of brick packing house, 85x150 ft., on Lincoln Ave. S. of P. E. tracks. Full basement; \$50,000.

LOS ANGELES, Cal.—See "Banks, stores and offices," this issue. Award of contract for garage and offices.

SEATTLE, Wash.—A. W. Quist & Co., Hoge Bldg., Seattle, at approx. \$800,000 awarded contract by American Can Co. to erect six-story reinforced concrete, 360 by 120 ft., extension to present can plant. Plans by C. J. Preis, New York, chief engineer for American Can Co.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 27, 11 A. M., bids will be received by Henry A. Pfister, County Clerk, to erect milking barn at county almshouse. Plans by R. Curtis, 35 W-San Carlos St., San Jose, architects. Plans on file in office of clerk.

FLATS

Plans Completed.
FLATS, ETC. Cost, \$11,000
SACRAMENTO, Cal. No. 514 Twenty-seventh St.
Two-story frame flat building (4 flats) and garage.
Owner—H. L. Mee, 1920 13th St., Sacramento.
Architect—None.

Contract Awarded.
FLATS Cost, \$13,000
SAN FRANCISCO, E. Pierce 112-6 S Union.
Two-story and basement frame flat building (2 flats).
Owner—A. Romeo, Pt of Leavenworth St., San Francisco.
Architect—F. Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—F. Fabre & Koiburn, 773 Francisco St., San Francisco.

Contract Awarded.
FLATS Cost, \$15,500
SAN FRANCISCO, N West Portal 100 W Ulloa St.
Two-story and basement frame (3) flats.
Owner—Dr. Russell Cushing, Phelan Bldg., San Francisco.
Architect—None.
Contractor—Robert H. Kelly, 57 Grant St., San Francisco.

GARAGES

Sub-Contracts Awarded.
GARAGE Cost, \$14,000
SAN FRANCISCO, NE Jones & Clay Sts.
Two-story brick and steel private garage for residence.
Owner—Wm. P. Johnson, 1300 Jones St., San Francisco.
Architect—B. G. McDougall, 383 Sacramento St., San Francisco.
Contractor—Lindgren-Swinerton Co., Standard Oil Bldg., San Francisco.
Reinforcing steel awarded to Edw. L. Soule Co., Rialto Bldg., S. F.
Plumbing to James H. Pinkerton, 927 Howard St., San Francisco.
Metal to Pacific Manufacturing Co., 177 Stevenson St., S. F.
Tile to N. Clark & Sons, 351 12th St., Oakland.
Sheet metal to Forrester Corncorn Works, 269 Potrero, San Francisco.
Painting to R. Zelinsky, 693 Mission St. San Francisco.

Hardware to E. M. Hundley, 183 Stevenson St., S. F.
Glass to Crowe Glass Co., 574 Eddy St., San Francisco.
Steel sash to Michel & Pfeffer, 1415 Harrison St., S. F.

Plans Being Figured.
AUTO BLDG. Cost, \$25,000
REDWOOD CITY, San Mateo Co., Cal.
One-story reinforced concrete auto sales bldg. and garage.
Owner—Dodge Automobile Agency.
Architect—Edwards & Kuhn, 985 Market St., San Francisco.

Plans Being Prepared.
GARAGE BLDG. Cost, \$15,000
OAKLAND, Webster bet. 23rd and 24th Streets.
Tile, brick and concrete garage bldg.
Owner—M. L. Campbell, Tribune Tower Oakland.
Architect—Wythe, Blain & Olsen, 1800 Telegraph Ave., Oakland.

LOS ANGELES, Cal.—Davidson Construction Co., 1445 E. 16th St., was low bidder at \$377,990 for erecting a truck storage and service plant at Alameda St., Long Beach Ave. and 21st St., for Mack International Motor Truck Corp. John M. Cooper, Marsh-Strong Bldg., is the architect. The plant will be divided into two sections, a two-story reinforced concrete Class A building, 250x300 ft., and a one-story, Class C brick section, 135x300 ft.; cement basement, concrete and brick walls, composition roofing, maple and cement floors, steel sash, metal skylights, plate glass, sprinkler system, gas heating system. The bids were: Davidson Constr. Co., \$377,990; John M. Cooper, \$410,000; Winter Constr. Co., \$439,790; H. M. Baruch, \$439,828; E. C. English, \$469,350; Robert E. Millsap, \$534,900; John I. Kane & Co., \$556,000; J. C. Banister, \$559,600.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—At \$1100, Tormey Co., 1042 Larkin St., S. F., were awarded the contract by Wm. Arthur Newman, Supervising Supt., U. S. Postoffice Bldg., 7th and Mission Sts., for exterior painting at U. S. Postoffice Building.

SAN FRANCISCO—At \$3740, H. Papenhause, 532 3rd Ave., S. F., was awarded the contract by Wm. Arthur Newman, supervising supt., 402 Postoffice Bldg., 14th and Mission Sts., for miscellaneous repairs to U. S. Postoffice Building.

SAN FRANCISCO—At \$754, Eugene Bruce, 475 8th Ave., S. F., was awarded the contract by Wm. Arthur Newman, Supervising Supt., 402 Postoffice Bldg., 7th and Mission Sts., for resingling building No. 22 at U. S. Quarantine Station, Angel Island.

MARE ISLAND, Cal.—Basalt Rock Co., Napa, awarded cont. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to furnish 4400 tons rock for Submarine Base at Mare Island Navy Yard.

SEATTLE, Wash.—Until Oct. 27, 11 a. m., bids will be rec. by General Purchasing Agent, Alaskan Railroad, 422 Bell Street Terminal, Seattle, to furnish one plate girder span and two steel thru truss spans for bridge on the Alaskan Railroad, the former to be 80-ft. center to center of end bearings and the latter 206-ft. and 1/2-in. center to center of end bearings. Total weight of steel required for girder span is about 79 tons and for each of the truss spans about 237 tons. Further information obtainable from the above office or the offices of the Alaskan Railroad, 510 Customhouse, San Francisco.

WASHINGTON, D. C.—The following bids were received by the U. S. Veterans' Bureau, Room 791, Arlington Bldg., Washington, D. C., at 11:00 A. M., October 7, 1924, for the construction of a laundry building at U. S. Veterans' Hospital No. 24, Palo Alto, Calif.:
West Coast Constr. Co., 519 California St., S. F. \$24,400
R. W. Moller, 180 Jessie St., San Francisco 27,300
C. H. Peterson, 185 Stevenson St., San Francisco 28,275
Howard S. Williams, Livermore, 29,250
G. Pringle, Burlingame, 30,600
Samuel C. Cody, Calif. Bldg. Co., 32,500
Cochrane-Boehm Co., Inc., 74 New Montgomery St., S. F., 32,613
Schuler & McDonald, Oakland, 33,325
Bertsche & Briggs, Palo Alto, 37,000
O. E. Carlsrud, 180 Jessie St., San Francisco 37,850

SAN DIEGO, Cal.—Following is list of prospective bidders to install passenger elevator at San Diego under Bureau of Yards and Docks Specification No. 5025: Warner Elevator Co., Spring Grove Ave. and Alfred St., Cincinnati, Ohio; S. Heller Elevator Co., Milwaukee, Wis.; Houser Elevator Co., 314 East Water St., Syracuse, N. Y.; Shepard Elevator Co., Cincinnati, Ohio; A. Keckeler Elevator Co., Milwaukee, Wis.; Otis Elevator Co., Washington.

LIVERMORE, Calif.—Following is list of prospective bidders for fire alarm system, wiring and cables and telephone system for Livermore Veterans' Hospital, bids for which will be opened by Veterans' Bureau, Oct. 21: Automatic Elevator Co., 947 Van Buren St., Chicago; Gamewell Co., 100 Upper Falls, Mass.; Butte Electric Equipment Co., 530 Folsom St., San Francisco; Burtis D. Mack, 3914 W 28th St., Los Angeles, Cal.

WASHINGTON, D. C.—Until Oct. 23, 10:30 a. m. under Circular No. 1633, bids will be rec. by General Purchasing Officer, Panama Canal, to furnish and del. Balboa (Pacific Port) lamp-post parts, motors, meters, cable, cable terminals, magnet wire rectifiers, switch keys, pipe fittings, valves, cocks, sanitary fixtures, tractor-drawn plow, pumps, wheelbarrows, journal jacks, anchor, chain, steel conduit, porthole glasses, eye bolts, shackles, poultry netting, wire cloth, scrub brushes, metal desks and cabinets, switch fenders, turpentine and substitute, putty, paints and ingredients, paint remover, varnishes, asphaltum, lumber and spars. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

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373 MONADNOCK BUILDING, SAN FRANCISCO, CALIF.

PHONE SUTTER 3549

WASHINGTON, D. C. Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and install material for Navy yards under the following Schedule, date for opening bids as noted at close of each paragraph.

Sched. 2711, Mare Island, 100 safety trends, Oct. 21.

Sched. 2712, Mare Island, 200 straight ash oars, Oct. 21.

Schedule 2713, Mare Island, 9 motor-driven sewing machines; Oct. 21.

Schedule 2714, Mare Island, 110 fire extinguishers, Oct. 21.

Sched. 2715, Mare Island, 1 electrically driven hoist and spares, Oct. 21.

Schedule 2716, eastern and western yards, 19,600 galvanized buckets, Oct. 21.

Sched. 2720, Puget Sound, 7 ship lavatories, Oct. 21.

Sched. 2721, eastern and western yards, miscellaneous padlocks.

Sched. 2723, Puget Sound, 200 wire boiler tube brushes, Oct. 21.

Sched. 2724, Mare Island, 402 brass squirt cans, 1 pt., Oct. 21.

Sched. 2725, east and west, lard oil, lubricating grease and petroleum, Oct. 21.

Sched. 2727, Mare Island, 1000 gals. asphaltum varnish, Oct. 21.

Sched. 2728, Philadelphia, 9000 yds. white cotton canvas, 72 ins., Oct. 14.

Sched. 2729, Puget Sound and Brooklyn, brass and steel bolts and nuts, Oct. 21.

Sched. 2736, east and west, emery cloth, flint and garnet paper, Oct. 21.

Sched. 2730, various navy yards, steel tap screws, lag screws, Oct. 21.

Sched. 2731, eastern yards, 3500 lbs. tarpaulin, Oct. 21.

Sched. 2737, eastern and western yards, miscellaneous gauges, Oct. 21.

Sched. 2743, eastern & western yards, tea, Oct. 21.

PEARL HARBOR, T. H.—Following bids received by Bureau of Yards and Docks, Navy Department, Washington, D. C. under Specification No. 5001, for circulating water discharge loop at naval operating base, Pearl Harbor, T. H. Item 1, complete; 2, deduct if Government delivers concrete pipe; 3, add for furnishing reinforcement for pipe; 4, per cu. yd. for additional excavation.

Hawaiian Contracting Co., Honolulu, T. H., item 1, \$57,989; 2, \$5000; 3, \$1500; 4a, \$9.50, excavation; 4b, \$25, concrete. Walker & Olund, 820 Lower Pilko St., Honolulu, T. H., item 1, \$69,830, 260 days; 2, \$7052; 3, \$600; 4a, \$12; 4b, \$22.

E. J. Lord, McCandles Bldg., Honolulu, T. H., item 1, \$47,363; 2, \$6000; 3, \$1140.

Lois R. Smith, 1576 Pensacola St., Honolulu, T. H., item 1, \$57,884; 2, \$3,200; 3, \$1450; 4a, \$12; 4b, \$22.

Allen Pope, 4722 15th St. N. W., Washington, item 1, \$55,900; 2, \$7000; 3, \$1200; 4a, \$8; 4b, \$25.

MARE ISLAND, Cal.—Following bids (low bidder previously reported) received by Bureau of Yards and Docks, Navy Department, Washington, D. C. under Specification No. 4979, to construct psychopathic ward at the navy yard, Mare Island:

Item 1, complete; 2, add or deduct as modified by alternate No. 1; 3, complete, based on alternate 2; 4, add or

deduct as modified by alternate 3; 5, deduct from items 1 and 3 for omission of steam return lines, etc.

L. Tagnon, 1735 Napa St., Vallejo, Calif., item 1, \$117,272, 240 days; 2, add \$322; 3, \$111,384; 4, add \$322; 5, deduct \$920.

Robert Trost, 26th and Howard Sts., San Francisco, item 1, \$110,021; 3, \$103,516.

Larsen Slegrist Co., Inc., 914 Claus Spreckels Bldg., San Francisco, item 1, \$98,861; 2, add \$181; 3, \$91,669; 4, add \$608.

Allen Pope, 4722 15th St. N. W., Washington, item 1, \$107,000; 2, add \$500; 3, \$103,900; 4, add \$500; 5, \$3000.

SAN DIEGO, Cal.—R. E. Campbell, 302 E. Anaheim St., Long Beach, at \$103,280, time for completion 240 days, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C. to construct extension to nurses' quarters at San Diego. Work is provided for under Specification No. 5009.

HALLS AND SOCIETY BUILDINGS

Sub Contracts Awarded. Cost, \$71,000 ALTERATIONS. SAN FRANCISCO, Chinatown. Alterations to brick club bldg.

Owner—Ming Yee Assn. Architect—Chas. E. Rogers, Phelan Bldg., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Sheet metal awarded to Pacific Rolled Metals Co., 715 Harrison St., S. F.

Miscellaneous iron to Pacific Structural Iron Works, 370 10th St. S. F. Fire escapes to Star Ornamental Iron Works, 1271 Polson St. S. F.

As previously reported, plumbing was awarded to Dowd & Welch, 3558 16th St. S. F. at \$3800.

Plans Approved. Cost, \$30,000 CLUB & LODGE. MERCED, Merced Co., Cal. 19th Street, bet. L and M Sts.

Two-story brick 65x110 ft. club and lodge building.

Owner—Yosemite Lodge No. 30, Knights of Pythias, Merced, Cal.

Architect—C. E. Butler, Cory Bldg., Fresno, Cal.

Planned. Cost, \$250,000 BUILDING. SAN FRANCISCO, E 18th Ave., betw. Geary and Clement Sts.

Three-story fireproof Y.M.C.A. building. Owner—Park Presidio Branch of Y. M. C. A.

This site has not yet been purchased and it is planned to make use of the existing building for the time being and later improve the property with the above proposed structure.

SAN JACINTO, Riverside Co., Cal.—San Jacinto Odd Fellows contemplate erecting new lodge building on Main street.

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Sub-Contracts Awarded. SOCIETY BLDG. Approx. \$99,500

SAN JOSE, Santa Clara Co., Cal. Fifth and San Fernando Sts.

Four-story and basement reinforced concrete society building.

Owner—Catholic Women's Community Center (Mrs. Ella G. Graham, Secretary).

Architect—Binder & Curtis, 255 1/2 First St., San Jose.

General Contractor—Morrison Bros., 1310 Liberty St., San Jose.

First floor will contain cafeteria, gymnasium, swimming tank, locker and laundry rooms. Second floor will contain secretary's office, living room, auditorium and lodge rooms. Third floor and fourth floor will be given over to dormitories, single and double rooms for about 75 persons.

Plumbing and Heating to J. O'Mara, 218 Clara St., San Francisco.

Electrical work to Rey Butcher, 68 S. Willard St., San Jose.

Date of Opening Postponed Until Oct. 15, 1924.

LODGES & OFFICES. Cost, \$170,000 SAN JOSE, Santa Clara Co., Cal. North First Street.

Six-story and basement reinforced concrete lodge and office building.

Owner—Knights of Columbus, San Jose. Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Bids are being taken for a general contract.

Plans To Be Figured in Two Weeks. LODGE & OFFICE. Cost, \$1,000,000

OAKLAND, SE 20th St & Broadway. Eight and 14-story class A lodge and office building.

Owner—Elks Hall Assn. Archt. & Mgr. of Work—Wm. Knowles

Central Bank Bldg., Oakland, and Hearst Bldg., San Francisco.

OAKLAND, Cal.—Scottish Rite Cathedral Association of Oakland has purchased property opposite the municipal boathouse at Lake Merritt on which it is proposed to erect a \$1,000,000 cathedral. An architect is yet to be selected.

NEWPORT BEACH, Orange Co., Cal.—Newport Harbor Post No. 291, Dept. of California, American Legion, contemplates building clubhouse on bay front, west of yacht club.

BEVERLY HILLS, Los Angeles Co., Cal.—Richard E. Lehman, 200 Los Angeles Ry. Bldg., is preparing plans for ground layout, temporary buildings and stables on a 35-acre tract at intersection of Beverly and Beverly Glen Bvlds. for Los Angeles Equestrian Club, Al H. Weger, secy. 28. Professional Bldg. Program calls for clubhouse, swimming pool, tennis courts, half mile tracks, polo field, and stables. Architect for clubhouse has not been selected.

PHOENIX, Ariz.—Eagan Const. Co., Ariz. Bldg., was low bidder and will probably be awarded cont. at \$115,000 for 2-story reinf. conc. Masonic Temple at s.e. cor. 4th Ave. and W Monroe St. for Phoenix Lodge No. E. & A. M. L. P. Sale was low bidder at \$22,600 and plbgr. htg. and vltg. Lescher & Mahoney, archts., Bk. of Ariz. Bldg. Art stone and rug brick facing.

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DIRECT FACTORY BUYERS

VENICE, Los Angeles Co., Cal.—E. D. Chittenden, 1306 S. Central Ave., Glendale and Los Angeles Athletic Club, Los Angeles, has been commissioned to prepare plans for a Class A club building on the ocean front, Venice, for the Shermont Club, 212 Lincoln Bldg., Los Angeles. Chas. A. Jones, organization manager. It will contain 260 rooms with 60% baths, clubrooms, locker swimming pool, etc. Reinforced concrete and steel construction. 95x195 ft., 8-story and basement, pressed brick facing, composition roofing, steam heating system, electric elevators, tiled baths, marble work, tennis courts on roof, ornamental iron, tiled swimming pool, gymnasium, terraces. Cost, \$750,000.

FRESNO, Fresno Co., Cal.—Salvation Army plans early construction of three-story brick and steel social service center home in M street bet. Inyo and Mono Sts., cost, \$55,000. Will contain dormitory, work rooms, etc. Will be 50 by 110 feet. Staff Capt. Jas. C. West is commanding officer of the Salvation Army forces in Fresno.

HOSPITALS

Sub-Contracts Awarded.
HOSPITAL BLDG. Cost, \$250,000
ALAMEDA, Alameda Co., Cal. SW Wiliam and Clinton Streets.
Five-story reinforced concrete hospital building.

Owner—Alameda Sanitarium.
Architect—Edw. T. Paulkes, Crocker Bldg., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.

Electrical Work to Roberts Mfg. Co., 663 Mission St., San Francisco.
Plumbing to Scott Co., 243 Minna St., San Francisco.

Plastering to R. J. Millam, 357 12th St., Oakland.

Glass to W. P. Fuller Co., 201 Mission St., San Francisco.

Painting to A. Zelinsky, 180 Jessie St., San Francisco.

Brick Work to Clark & Hoffmeyer, 180 Jessie St., San Francisco.

Elevators to Otis Elevator Co., Beach St. and Grant Ave., San Francisco.

As previously reported:
Excavating to Arnes Knapp Co., 351 12th St., Oakland.

Reinforcing Steel to Gunn Carle Co., 351 12th St., Oakland.

Cement to Powell Bros., Harmon and Pearl Sts., Alameda.

Sub-Contracts Awarded.
ALTERATIONS, ETC. Cost, \$125,000
SAN FRANCISCO, Army, Valencia, Duncan Sts. and San Jose Ave.
Alterations and additions to hospital and nurses' home.

Owner—St. Luke's Hospital, Premises.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor—Chas. Stockholm & Sons, Monadnock Bldg., San Francisco.

Electrical Work to Clark Elec. Co., 179 Minna St., San Francisco.

Mill Work—Pacific Mfg. Co., 177 Stevenson St., San Francisco.

Plumbing—J. E. O'Mara, 218 Clara St., San Francisco.

Painting Contract Let. Cost, \$22,500
ADDITION.
SAN FRANCISCO, SW Geary and 6th Avenue.

Construction additional rooms.
Owner—French Hospital, Premises.
Architect—Albert J. Fabre and Ernest Hildebrand, 110 Sutter St., S. F.
Contractor—J. Z. Smith, 180 Jessie St., San Francisco.

LOS ANGELES, Cal.—Bavin & Burch Co., 173 E. Jefferson St., were low bidders at \$266,585 on the gen. cont. for erecting a class A addition to the Methodist hospital bldg. and a class C nurses home bldg.; Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., archts. Low bidders on other contracts were: R. P. Tuttle Co. on erecting hospital at \$950 and Arenz-Warren Co. on painting nurses' home at \$4629; Graham Electric Co. on wiring for hospital at \$10,810 and Amer. Elec. Constr. Co. on wiring of nurses' home at \$5500.30; E. W. Crowell on plumbing for hospital at \$25,918 and H. S. Jones & Co. on plumbing for nurses' home at \$11,443; Hodge-Lakin Co. on heating at \$7592. Bids for elevators were taken under advisement.

BAKERSFIELD, Kern Co., Cal.—Until Oct. 27, 10 A. M., bids will be received by F. E. Smith, County Clerk, to erect two-story brick juvenile detention home at Kern General Hospital Grounds. Chas. H. Eiger, architect, home at \$5500.30; E. W. Crowell on plumbing for hospital at \$25,918 and H. S. Jones & Co. on plumbing for nurses' home at \$11,443; Hodge-Lakin Co. on heating at \$7592. Bids for elevators were taken under advisement. See call for bids under official proposal section in this issue.

SAN DIEGO, San Diego Co., Cal.—Architect E. Lovless, Commonwealth Bldg., has prepared plans for 2-story reinforced concrete orphanage at the old San Diego mission for Sisters of Nazareth. It will accommodate 150 children; 260 by 131 ft., stucco ext., clay tile roof. Work to be started at once.

FRESNO, Fresno Co., Cal.—Archit. Chas. E. Butner, Cory Bldg., has completed plans for proposed new clinic and admitting dept. at Fresno Co. general hospital. It will be 2-story, L-shape, and fireproof constr.; \$40,000. Call for bids will be issued soon.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 27, 11 A. M., bids will be received by Henry A. Pfister, County Clerk, to const. additions to Tubercular Ward at county hospital. Binder & Curtis, 35 W. San Carlos St., San Jose, architects. Plans on file in office of clerk.

MARE ISLAND, Cal.—See "Government Work and Supplies," this issue. Bids opened for psychopathic ward.

Preliminary Plans Being Completed. Cost, \$60,000
HOSPITAL.
SAN LUIS OBISPO, San Luis Obispo Co. Two-story reinforced concrete county hospital.

Owner—San Luis Obispo County.
Architect—Miller and Warnecke, 1404 Franklin St., Oakland.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Contract let for nurses' home extension.

HOTELS

Sketches Being Prepared.

HOTEL. Cost, \$—
DEL MONTE, Monterey Co., Cal. Fireproof hotel bldg. of Spanish architecture.

Owner—Del Monte Properties Co.
Architect—Lewis P. Hobart, Crocker Bldg., S. F. and Clarence A. Tantau 251 Kearny St., San Francisco.

In the meantime temporary quarters will be erected immediately for dining room and lobby to be used in connection with the two remaining wings of the building not destroyed by the recent fire.

Contract Awarded. Cost, \$68,000
STORE & HOTEL.
BURLINGAME, S West Cor. of Middle-

field Rd.
Store and hotel building.
Owner—Fred Lorton and John Rehe, 115 Park, Burlingame.
Contractor—Chas. Pederson, 60 Peninsula Ave., San Mateo.

Plans Being Figured. Cost, \$50,000
PANAMA.
SAN ROBLE, San Luis Obispo Co., 13th and Spring Sts.

Three-story brick, steel and reinforced concrete annex to hotel with city view on first floor.

Owner—A. I. Smith (Taylor Hotel).
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

INGLEWOOD, Los Angeles Co., Cal. H. N. Longfellow, 415 E. Irvington St., Huntington Park, has had plans prepared for a three-story brick store and hotel building at the corner of Hillcrest Blvd. and E. Queen St., Inglewood. Whipple & McDonald, 251 S. Pacific Blvd., Huntington Park, will probably erect the building. It will contain store rooms, about 100 hotel rooms and several apartments, 100x120 feet, composition roof, 100% baths, plate glass, fire escapes, heating plant. Cost, \$100,000.

LOS ANGELES, Cal.—Luther T. Mayo, 531 Black Bldg., is preparing plans and has the contract for a four-story class C hotel building on the north west corner of 6th St. and Bonnie Brae for W. O. Holfelhof. There will be 200 rooms and 7 stores. Dimensions, 150x150 ft., basement, brick walls, stone trim, composition roofing, steam heating system, 100% tile baths, showers, hardwood and cement floors, pine trim, 2 elevators, fire escapes. Cost, \$300,000.

UKIAH, Mendocino Co., Cal.—Chamber of Commerce is conferring with San Francisco capitalists regarding construction of 92-room fireproof hotel building for which preliminary plans have already been prepared. A structure costing approximately \$350,000 is contemplated. Local hotel men will assist in financing the structure.

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MARSHFIELD, Cal.—Arch. H. H. McCall. 1411 E. W. St. 12, 1924. Plans for a two-story, reinforced concrete building, to be erected at the Southeast corner of 24th and Santa Sts. for a local business. It will have 2 stories and will be 120 ft. long and 25 ft. wide. It will have 120 ft. of pressed brick facing, stone trim, high class construction, including all the modern conveniences. The building will be erected by day labor and will cost about \$10,000.

LOS ANGELES, Cal.—H. H. McCall. 1411 E. W. St. 12, 1924. Plans for a two-story, reinforced concrete building, to be erected at the Southeast corner of 24th and Santa Sts. for a local business. It will have 2 stories and will be 120 ft. long and 25 ft. wide. It will have 120 ft. of pressed brick facing, stone trim, high class construction, including all the modern conveniences. The building will be erected by day labor and will cost about \$10,000.

POWER PLANTS

LOS ANGELES, Cal.—Until 3 p. m., Oct. 17, bids will be rec. by public serv. comm., 207 S Broadway, for lead covered cables and accessories; spec. P-334. Jas. P. Vrooman, secy.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 21, bids will be rec. by public serv. comm., 207 S Broadway, for bare and insulated wire and cable. Spec. P-339.

PASADENA, Cal.—W. A. McNally 517 S Broadway, Pasadena, awarded cont. at \$75.48 for underground conduits, etc., in Green St., bet. Marengo and Hill Aves. R. A. Irish bid \$79.80.

PUBLIC BUILDINGS

Preliminary Plans Being Completed.
JAIL Cost, \$45,000
SAN LUIS OBISPO, San Luis Obispo Co. Two-story reinforced concrete county jail (33 cells).
Architect—Miller and Warnecke, 1404 Franklin St., Oakland.

Low Bidder
COMMUNITY HOUSE Cost, \$18,756.50
PIEDMONT, Alameda Co., Piedmont Park.

One-story frame community house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
Schneely & Hastrawer, 6th and Jackson Sts., Oakland will probably be awarded the contract. Other bids received were:
Lawton & Veziel\$18,942
Fred Westlund 18,970
Mr. Maurice 18,970
Murch Williams Const. Co. 20,561

COMPTON, L. A. Co., Cal.—The board of trustees of city of Compton will take action soon on the selection of an archt. for a new city hall to be erected on the civic center site. Compton bonds to the amount of \$75,000 have been voted.

STOCKTON, San Joaquin Co., Cal.—San Joaquin County Board of Supervisors will place special measure on Nov. 4 ballot calling for special bond issue to be used for permanent exhibition building and additional barns at San Joaquin County Fair grounds.

STOCKTON, Cal.—The following bids were received by A. L. Banks, city clk., for plumbing, heating and ventilating for Memorial civic auditorium. Glenn Allen, 41 S Sutter St., and Wright and Saterlee, Bank of Italy Bldg., Stockton, architects. Stockton Plumbing Co., 227 E. Minor St., Stockton, at \$40,000 awarded contract. Other bids were:
Miller Hays Co.\$40,075
Lawson & Drueker 53,000

HANFORD, Kings Co., Cal.—Petitions will be presented to county supervisors seeking the erection of a county detention home.

SONOMA, Tuolumne Co., Cal.—O. Kutz, 445 Stevenson St., San Francisco, at \$5378 awarded contract by supervisors to install heating system in county courthouse and county hospital.

MARTINEZ, Contra Costa Co., Cal.—The Board of Supervisors of the County of Contra Costa awarded the contract for the construction of a one-story frame and stucco memorial hall at Danville, to the Tinnie Construction Co., 351 12th Street, Oakland at \$16,193. The only other bid submitted was that of F. W. Maurice of \$18,740. Plans by James T. Narbett, 910 Macdonald Ave., Richmond.

SANTA CRUZ, Cal.—At \$6210, West Coast Construction Co., 519 California St., San Francisco, was awarded the contract by the Board of Supervisors of the County of Santa Cruz for additions and alterations to the Santa Cruz Hall of Records according to plans and specifications by Architect Allen C. Collins.

Other bids were:
C. L. Covey Sr.\$6124
Wilson & McGranahan 6415
Palmer & Balsiger 6825
The bid of C. L. Covey Sr. was rejected on account of not having been accompanied by a certified check.

RESIDENCES

Segregated Figures Being Taken.
RESIDENCE Cost, \$15,000
SAN FRANCISCO, Jackson and Cherry Sts.
Two-story frame and stucco residence. Owner—L. Requa.
Architect—E. E. Young, 2002 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$18,000
OAKLAND, N Hillgirl Circle 150 E Wesley Ave., Oakland.
Two-story 8-room frame and stucco residence.
Owner—G. M. Todhunter, 1076 47th St., Oakland.
Contractor—C. E. Charleston, 5627 Genoa St., Oakland.

To Be Done By Day's Labor.
RESIDENCE Cost, \$10,000
RICHMOND, Contra Costa Co.
Two-story frame and stucco residence. Owner—U. S. De Lapp.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Owner Taking Figures.
ALTERATIONS Cost, \$4,000
SAN FRANCISCO, Tenth Ave., Richmond District.
Alterations and additions to frame and stucco residence.
Owner—Mr. McCabe.
Architect—Edw. E. Young, 2002 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$10,960
OAKLAND, Trestle Glenn Rd.
Two-story frame Dutch Colonial residence (6 rooms).
Owner—Leo Fenton, 208 41st St., Oakland.
Architect—Leonard N. Ford, 306 14th St., Oakland.
Contractor—H. M. Frostholt 877 Lakeshore Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, \$7344
OAKLAND, Lakeshore Ave.
Two-story frame and stucco residence. Owner—E. L. Sayer.
Architect—Schirmer-Bugbee, Thayer Bldg., Oakland.
Contractor—Geo. J. Maurer Co., 177 Ridgeway, Piedmont.

Contract Awarded.
RESIDENCE Cost, \$14,077
PIEDMONT, Lot 13 Guilford Place.
Two-story and basement frame residence and garage.
Owner—L. G. and Sadie B. Campbell, 1404 Franklin.
Architect—Hutchison & Mills, 1214 Webster St., Oakland.
Contractor—A. E. Anderson, 1916 24th Ave., Oakland.

Figures Being Taken.
COTTAGES Cost, \$12,000
OAKLAND, 81st Ave.
20 hollow tile cottages for auto camp grounds.
Owner—George Singleton.
Architect—Leonard N. Ford, 306 14th St., Oakland.

Figures To Be Called For Shortly.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal., Euclid Avenue.
Two-story and basement frame and stucco residence.
Owner—Mrs. Chapman.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.

Low Bidder.
RESIDENCE Cost, \$14,574
BERKELEY, Alameda Co., Cal., San Domingo St.
Two-story frame and stucco residence. Owner—Peter A. Kinnock, 136 Ronada St., Berkeley.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Low Bidder—Geo. Maurer, 177 Ridgeway, Oakland.

Phone Franklin 9400

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Sub Contracts Awarded.

RESIDENCE Cost, \$33,000
 PIEDMONT, Alameda Co., Cal. Wildwood Avenue.
 Two-story frame and stucco residence with tile roof.
 Owner—H. G. Hills, 162 Nova Drive, Piedmont.

Architect—Sidney B. Newsom, Nevada Bank Bldg., San Francisco.
 General contract awarded to Emil Person, 2224 Rose St., Berkeley, at \$13,048.

Hardwood Floors to Inlaid Floor Co.

600 Alabama St., San Francisco.
 Plumbing to Jas. Rankin & Son, 590 18th St., Oakland.

Plans Being Completed.

RESIDENCE Cost, \$9000
 OAKLAND, Highland near Guilford Pl. Two-story frame and stucco residence (8 rooms).
 Owner—Mrs. Frank Laidlaw.
 Architect—Henry H. Gutterson, 278 Post St., San Francisco.

RIORINDO, Sonoma Co., Cal.—Al Frolich, Santa Rosa, owner of the "Tented City" at Rionido will erect ten bungalows at the resort.

BEVERLY HILLS, L. A. Co., Cal.—Roy L. Jones, 311 S. Western Ave., has prepared plans for a 2-story, 12-room frame and plaster dwelling on a 5-acre site in Beverly Terrace for W. J. Jones. It will be constructed under the supervision of Geo. E. Read, Beverly Hills Hotel. Clay tile fl., hardwood trim and fls., 4 tiled baths, stone mantels, gas furnace, auto. water heater, billiard rm.; \$60,000.

Sub Figures Being Taken.

RESIDENCE Cost, \$65,000
 SAN FRANCISCO, Forest Hill.
 12 5-room frame and stucco residences and garages.
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.

SCHOOLS

MOUNT EDEN, Santa Clara Co., Cal.—The following contracts were awarded by the Board of Trustees of the Mount Eden Grammar School District for the construction of a one-story frame and stucco grammar school, according to plans and specifications by Architects Wolfe & Higgins, Auzeais Bldg., San Jose:

General Contract

Sorenson Bros., 1110 C St., Hayward at \$34,250.

Heating

W. R. Douglas, Oakland.

Electrical Work

Guilbert Bros., 224 W. Santa Clara St., San Jose, heating, \$3124; lighting, \$345.

Sub-Figures to be Taken Shortly.
 OAKLAND, Alameda Co., Cal.
 ART BLDG. Cost, \$91,087
 First alt. of reinforced concrete art building.

Owner—Mills College.
 Architect—W. H. Ratcliff, Mer. Trust Bldg., Berkeley.
 Low Bidder—S. Rasori, 693 Mission St., San Francisco.

LEMOORE, Kings Co., Cal.—The following bids were received by the Board of Trustees of the Lemoore Union High School District for special fixtures, program clocks & metal lockers in connection with the construction of the reinforced concrete high school building at Lemoore. Plans by Architect W. H. Weeks, 369 Pine St., San Francisco and Tribune Tower, Oakland.
 Metal Lockers, Clocks, Cafeteria Kitchen Equipment

Fred Medart Mfg. Co., lockers, \$800.
 C. F. Weber, lockers, \$99.
 Standard Elec. Time Co., clocks, \$1085.
 Pac. Electric Clock Co. (awarded) \$995.
 International Time Rec. Co., clocks, \$1298.

Mangrum & Otter, Cafe. & kitchen eq., \$2290.
 Nathan Dohrmann, cafe. & kitchen eq., \$2295.

Special Fixtures

Mullen Mfg. Co., Prop. (1) \$10,680; (2) \$1890; (3) \$2510.

Braas & Kuhn Co., (1) \$10,900; (2) \$2,320; (3) \$2860.
 Fink & Schindler, (1) \$12,690; (2) \$2,589; (3) \$2812; (4) \$995.
 W. J. Ochs, (1) \$16,670; (2) \$2089; (3) Bids for special fixtures and cafeteria equipment under advisement.
 \$1925.

Contract Awarded for Training Quarters at U. of C.

BUILDING Cost, \$35,720
 BERKELEY, University campus.
 Frame and plaster bldg. for training quarters to be erected underneath memorial stadium.
 Owner—University of California.
 Architect—Jno. Galen Howard & Asso.
 First Natl. Bank Bldg., S. F.
 Contractor—Fred Westland, 351 12th St., Oakland.

Sketches To Be Prepared.

SCHOOL Cost, \$45,000
 SAN PABLO, Contra Costa Co., Cal.
 Three-classroom addition to present school.

Owner—San Pablo School District.
 Architect—Louis S. Stone, 357 12th St., and Hutchison & Hills 1214 Webster St., Oakland.

The erection of the addition depends upon the district voting bonds to finance the work.

VALLEJO, Solano Co., Cal.—The following bids were received Sept. 30 at 8 p. m., by Elmer L. Cave, secy. Board of Education, to install two water pressure systems, one at Senior High School and another in McKinley school. California Hydraulic Engineering Co. (Duro) Prop. 1—high school, \$956; Prop. 2—McKinley school, \$800.
 Pacific Pump & Supply Co., (1) \$935.20 (2) \$54.05; alternate bid, (1) \$394.75, (2) \$675.40.
 Young Hardware Co., Napa, (1) \$1147, deduct \$60; (2) \$1074, deduct \$60.
 Woodin & Little Pump House, (1) \$149.43; (2) \$842.35 (single action and does not include bidg.)
 Vallejo Elec. Light & Power Co., (1) \$1017; (2) \$867.

Hubbard Machine Co., (no installation) (1) \$752; (2) \$580.

Gus Helleman installation of Hubbard system (1) 205, (2) \$180.50; (1) \$987 (2) \$760.50.

Westco Chippewa Pump Co. (1) \$945, (2) \$775.

No action will be taken until the next meeting of the Board Oct. 7th.

LODI, San Joaquin Co., Cal.—Trustees of Lodi Union High School District plan immediate construction of new shop building. Structure now being used as shop will be dismantled and converted into boys' gymnasium.

VALLEJO, Solano Co., Cal.—Following architects submitted competitive designs for proposed high school gymnasium: A. A. Brown, Geo. M. Cantrell, W. A. Jones and F. R. Collins. A selection will probably be made at next meeting of Bd. of Education.

LONG BEACH, Cal.—Until 8 p. m., Oct. 20, bids will be rec. by Board of Education, Long Beach City High School Dist., at 439 Markwell Bldg., Annex, Long Beach, for proposed new Avalon High School at Santa Catalina Island. Plans and spec. on file with Archts. Webber, Staunton & Spaulding 1017 Hibernian Bldg., Los Angeles, and G. W. Scott, 328 Markwell Bldg., next, Long Beach. Cert. or cash check or bond 5%. Deposit of \$10 for plans. To be refunded. A. C. Price, secy. Bdgc. will contain 8 classrooms, domestic science and manual arts depts. Part 1, and part 2-story reinf. conc. constr., plas. ext., tile, rfr. cem. and maple fls., gas htg. sys., slate blackboards; \$50,000.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 18, 2:30 p. m. bids will be rec. by Ernest Kobler, clerk, Vine Hill School District, to erect 3-room frame school. W. Herbert, architect, 506 Rosenberg Bldg., Santa Rosa. Cert. check 5% payable to clerk rec. with bid. Plans obtainable from architect on deposit of \$5, returnable.

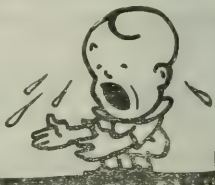
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 NOW KATHERINE was four.
 WHEN HER baby sister.
 ARRIVED AT their home.
 AND KATHERINE was asked.
 SOME TIME later.
 BY SANDY's folks.
 HOW HER baby sister.
 WAS GETTING along.
 AND KATHERINE replied.
 "SHE CRIES all night.

AND I can't sleep."
 SHE THEN said confidentially.
 "I WISH.
 WE DIDN'T have her.
 BUT DON'T tell Mother.
 THAT I said so."



When Sandy Pratt, President of the Pratt Building Material Co. (Douglas 900—4485 to a member) and produce of clean, sharp sand, hard, crushed rock, washed gravel and rock screenings, was a baby down in Tulare the neighbors wanted to drown Sandy because he cried so much.

LEMOORE, Kings Co., Cal.—Following is a complete list of bids received Sept. 26 by the Board of Trustees of the Lemoore High School District for the construction of reinforced concrete gymnasium and shop buildings from plans and specifications by Architect W. H. Weeks, 369 Pine Street, San Francisco and Tribune Tower, Oakland:

Manual Training Building.
R. W. Muller, Prop. (1) \$31,677; (2) \$180; (3) \$24,800; combination bid—both buildings, \$87,284.

A. C. Neal, (1) \$28,500; (2) \$250; (3) \$2247.

E. H. Mellescamp, (1) \$99,500; (2) \$300; Kinsman & Walker, (1) \$27,700; (2) \$278; comb. bid, \$77,200.

West Coast Const. Co., (1) \$27,000; (2) \$200; (3) \$2497; comb. bid, \$86,559.

W. J. Ochs, (1) \$27,600; (2) \$90; (3) \$2—247,800; comb. bid \$78,600 (awarded)

P. F. Walstrum, \$27,520; (2) \$180; (3) \$2280.

J. F. Brown, (1) \$35,400; comb. bid, \$92,850.

Electric Const. Co., (3) \$2480.

Gymnasium Building.
R. W. Muller, Prop. (1) \$57,187; (2) \$235; alternate bid No. 1, \$1490.

Kinsman & Walker, (1) \$50,000; (2) \$814.

West Coast Const. Co., (1) \$63,975; (1) \$1050; alt. 1, \$1290.

W. J. Ochs, (1) \$51,190; (2) \$400; alt. 1 \$1092.50.

J. F. Brown, \$57,450; (2) \$600.

Electric Const. Co., alt. 1, \$1490.

LONG BEACH, Cal.—Until 8 p. m., Oct. 20, bids will be rec. by Board of Education of Long Beach City School Dist. at 439 Markwell Bldg., Annex, Long Beach, for proposed new William Cullen Bryant school at 14th St. and Termino Ave. Plans on file with T. C. Kistner Co., archts., 616 Pantages Bldg., Los Angeles. Jacob W. Purinton and assoc., Pacific Southwest Bldg., Long Beach, and G. W. Scott, 328 Markwell Bldg., Annex, Long Beach. Separate bids will be taken on general, plastering, painting, plumbing, electrical and heating and ventilating. Cert. or cash chk. or bond \$5. Deposit of \$10 for plans, to be refunded. A. C. Price, secy. Bldg. will be 2-story class C constr., face brick and art stone ext., comp. fl., metal windows, reinf. conc. corridor, fls. and stairs, hwd. fig; \$60,000.

BAKERSFIELD, Kern Co., Cal.—Peterson and Eisler, Bakersfield, at \$87,750 awarded contract by Kern Co. Union High School District to erect brick and steel, class A 8-classroom, drafting room, study hall and library structure. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Other contracts awarded were: Wm. Fisher, heating, \$7618; Bakersfield Plumbing Co., plumbing, \$3740; Star Elec. Co., electric work, \$2950.

SAN LEANDRO, Alameda Co., Cal.—Until Oct. 20, 2:30 P. M., bids will be received by Chas. A. Jeffrey, Clerk, San Leandro School District, to fur. two or more portable school buildings at Washington School, Dutton and Breed avenues. Cert. check 10% payable to clerk required.

INGLEWOOD, Cal.—Eastman and Sweeney, Long Beach, were low bidders on general contract at \$109,264, including roofing and plastering for a 2-story and basement brick fine arts bldg. on Inglewood High School campus, for the Union High School Dist. Other low bids were: Electric wiring Amer. Elec. Constr. Co., \$3194; plumbing, J. M. Hustace, \$5388; painting, Parker-Judge Co., \$3994; telephones, R. D. Mack, \$2375. The bids were: General—Eastman & Sweeney, \$109,264; W. M. Bell, \$110,000, omitting window shades and library shelves; Orndorff & Gov., \$112,400; Thos. L. Ottos, \$112,200; G. E. Kobler, \$120,989; Rudine & Chytraus, \$127,684; A. H. Rines, \$142,654. Electric wiring—Amer. Elec. Constr. Co., \$3194; Graham Elec. Co., \$3304; B. D. Mack, \$4300; Wilshire Elec. Co., \$4596. Telephones—B. D. Mack, \$2375; Graham Elec. Co., \$2432.20; Aylesworth Elec. Co., \$2510; Interphone Electric Telephone Co., \$2639; Clocks—Standard El. Time Co., \$1276.76; Pacific Elec. Clock Co., \$1430. Heating and ventilating—Pacific Gas Rad. Corp., \$582; M. & O. Electric Htg. Co., \$5833; Western Engr. & Constr. Co., \$6000; Hammell Rad. Corp., \$3262.50; Pemberton Htg. & Vtg. Co., \$9980; Potter Rad. Corp., \$33422. Painting—Parker-Judge Co., \$3994; Robt. P. Tuttle Co., \$4395; W. C. Kelly, \$4675; Arens-Warren Co., \$5384; Alhambra Wall Paper & Paint Co., \$5500.

Plumbing—J. M. Eustace, \$5588; Inglewood Plumbing Co., \$6873. Plastering—C. C. Thompson, \$13,000; Lebold & Brown, \$16,000. Roofing—Owen Roofing Co., \$1940. Blackboards—L. N. Pierce, \$1315; Barker Bros., \$2250; C. F. Weber & Co., \$2070. Finished hardware—Hammond Lumber Co. \$1851; Harper-Reynolds Corp., \$1723. Library shelving—McKee & Wentworth, \$1180. Window shades—C. H. Kentworthy, \$1817.43. Venetian blinds—C. H. Kentworthy, \$1886; C. F. Webber & Co., \$1997.

BAKERSFIELD, Kern Co., Cal.—Until Oct. 25, bids will be received by J. R. Lavada, clerk Tejon Indian School, P. O. Box 368, Bakersfield, to interior and exterior painting of school. Further information on request to clerk.

PASADENA, Los Angeles Co., Cal.—E. O. Nay Co., 186 E. Union St., Pasadena, awarded contract at \$98,826 for new steam heating plant at Pasadena High School.

LEMOORE, Kings Co., Cal.—W. J. Ochs, 405 Clark St., Fresno was awarded the contract on a joint bid of \$78,600 by the Board of Trustees of the Lemoore Union High School District for the construction of the reinforced concrete gymnasium and shop buildings at the high school grounds at Lemoore. Plans for the structures were prepared by Architect W. H. Weeks, with offices at 369 Pine St., San Francisco and Tribune Tower, Oakland.

HELL, L. A. Co., Cal.—Until 7:30 p. m. Oct. 27 bids will be received by trustees of Huntington Park union high school district for erecting a high school bldg. at Bell; Train & Williams, 226 Western Mutual Life Bldg., archts. Bids will be taken separately on the general contract, plumbing, wiring, painting, cabinet and fixture work, laboratory and general equipment, and heating. Heating contractors will submit their own plans and specifications for the system they propose to use. The bldg. will contain an auditorium, administration offices and classrooms; brick and concrete construction, comp. rig; \$250,000.

LIVERMORE, Alameda Co., Cal.—Until Oct. 18, 10:30 a. m., bids will be rec. by W. L. Meyers, clerk, Livermore Union High School District, to furnish 56 window frames; 8 door frames; 56 sashes; 4 single and 4 pair French doors for installation in school gymnasium now under construction. Cert. check 10% payable to clerk req. Specifications obtainable from clerk.

LOS ANGELES, Cal.—Architect Lloyd Rally, 1019 Wright-Callender Bldg., is preparing plans for a 14-unit addition to the Fremont Ave. school for the Board of Education. Main building will be one-story and part basement, 80x50 ft., with a two-story wing, 60x109 ft., brick walls, stone trim, tile roofing, steam heating system trim, tile floors, slate blackboards, concrete corridor and stair construction, pine trim. Cost, \$90,000.

LOS ANGELES, Cal.—Architect A. S. Nibecker Jr., 625 Washington Bldg., is preparing plans for a 14-unit addition to the 75th St. school for the Board of Education. Irregular dimensions; brick walls, stone trim, composition roofing, gas steam heating, maple floors, pine trim, slate blackboards, corridors and stair construction. Cost, \$95,000.

WHITTIER, Los Angeles Co., Cal.—Architects Allison & Co., 401 Hibernian Bldg., Los Angeles, have completed plans for a new reinforced concrete gymnasium at Whittier for Whittier College; 110x119 ft. Work will be done by day labor under the supervision of M. S. Kepple, care of Whittier College.

BANKS, STORES & OFFICES

Plans Being Figured.
STORE BLDG. Cost, \$5500
OAKLAND, Trask & Kingsland Aves. One-story frame and brick veneer store building.
Owner—F. L. Larson.
Architect—Leonard H. Ford, 306 14th St., Oakland.

Plans Being Completed.
AUTO BLDG. Cost, \$18,000
OAKLAND, Alameda Co., Cal., Piedmont Ave. and Napier St. One-story hollow tile salesroom and auto painting building.
Owner—Name withheld for present.
Lessee—Scenic and Commercial Auto Painting Co.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Plans Being Figured This Week.
STORES & OFFICES Cost, \$50,000
SAN MATEO, San Mateo Co., Cal., B. St. bet. 3rd and 4th Sts.
Two-story reinforced concrete and hollow tile stores and offices 110x100 feet.
Owner—Loewe and Zwielerlein, 168 B St. San Mateo.
Architect—Will H. Toepke, Call Bldg., San Francisco.



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(Patented)

Plaster Wall Board
(Patent applied for)

100% Mechanical Key.

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CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Sub-Contract Awarded. Cost, \$350,000
STORE AND OFFICE. SAN JOSE, Santa Clara Co., Cal. First and San Carlos Sts.
 Five-story reinforced concrete store and office building.
 Owner—Sainte Claire Realty Co.
 Architect—Weeks & Day, 315 Montgomery St., San Francisco.
 Contractor—Call Bros., Sharon Bldg., San Francisco.

Ornamental Iron to Peerless Ornamental Iron & Bronze Co. 1528 Folsom St., San Francisco, at \$8960.
 As previously reported, heating to Scott Co., 243 Minno St., San Francisco, at \$11,905; metal sash to Michel & Pfeiffer, 10th and Harrison Sts., S. F., at \$535; architectural terra cotta to Gladding, McBean Co., Crocker Bldg., S. F., at \$33,200; mill work to Anderson Bros. Planing Mill & Mfg. Co., Quint and Custer Sts., S. F., at \$15,445; excavating to Carlin McGowan, plumbing to Wm. J. Forster Co., 355 4th St., S. F., and electrical work to H. S. Tittle, 85 Columbia St., S. F.

Sub Contract Awarded. Cost, \$99,535
ADDITION. SAN FRANCISCO, NW Post and Powell Streets
 One-story addition to building.
 Lessee—Argonaut Club.
 Owner—E. W. Hopkins.
 Architect—Sylvain Schnalttacher, 233 Post St., S. F.
 Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Sheet metal awarded to Guilfooy Cornice Works, 1234 Howard St., S. F.

Plans Being Prepared. Cost, \$12,000
STORE BLDG. MARTINEZ, Contra Costa Co., Cal., Main and Las Juntas streets.
 One-story brick store building 27x100.
 Owner—M. E. Jones, Balfour Bldg., San Francisco.
 Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Prepared. Cost, \$25,000
BUILDING. RICHMOND, Macdonald Ave. bet 10th and 11th.
 Two-story frame and brick building.
 Owner—Independent Publishing Co.
 Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

To Be Done By Day's Work. Cost, \$75,000
STORE & OFFICE. SAN FRANCISCO, NW Market 100 NE Marshall
 Two-story and basement class C store and office building.
 Owner—W. B. Wagon, 325 Bush St., San Francisco.
 Architect—Rousseau & Rousseau, 1171 Market St., San Francisco.

Bids Being Taken for Concrete, Masonry and Terra Cotta. Cost, \$100,000
OFFICE BLDG. SAN FRANCISCO, N Post Street 160-10 W Powell Street.
 Ten-story and basement Class A office and loft building.
 Owner—Selah Chamberlain, Mills Bldg., San Francisco.
 Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
 As previously reported
Structural steel to California Steel Co., Hobart Bldg., San Francisco, at approximately \$25,000.

Preliminary Plans Being Prepared. Cost, \$800,000
BUILDING. OAKLAND, Grand Ave., Broadway, Webster, 23rd Sts.
 10-story fireproof arcade building.
 (Type of construction not definitely decided).

Owner—Thos. Carney Co., 1970 Broadway, Oakland.
 Architect—Walter J. Reed (Reed and Corlett), Oakland Bank of Savings Bldg., Oakland.

Mr. Carney owns the entire block between Broadway and Webster St., 23rd St. and Grand Ave. with the exception of the corner, owned by the Bank of Italy.

Structural Steel Contract Awarded. Cost, \$1,500,000
ANNEX. SAN FRANCISCO, SE Cor. Geary and Taylor Streets.

15-story and basement class A annex to Hotel Clift (200 rooms 100% baths).
 Owner—Clift Hotel Co., San Francisco.
 Architect—Schultz & Weaver, 17 E 49th St., New York.
 Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
Structural steel awarded to Dyer Bros. 17th and Kansas Sts., S. F.

Contract Awarded. Cost, \$15,000
ALTERATIONS. SAN FRANCISCO, NE Mission and Twentieth Streets.
 Remove bay windows; stucco front; install elevator; electric work; interior plastering; tar and gravel roofing.
 Owner—Mrs. F. Nelson, 2701 Lincoln Way, San Francisco.
 Architect—None.
 Contractor—Antone Peterson, 2770 San Bruno Ave., San Francisco.

Contract Awarded. Cost, \$35,000
OFFICE BLDG. OAKLAND, N Grand Ave. 90 W Park View Terrace.
 Two-story brick office bldg., 44 rooms.
 Owner—Dr. L. P. Adams and W. H. Streitman, Federal Bldg., Oakland.
 Designer—W. E. Milwain, Pacific Bldg., Oakland.
 Contractor—M. E. Milwain, Pacific Bldg., Oakland.

LOS ANGELES, Cal.—J. C. Bannister, 6331 Hollywood Blvd., was low bidder at \$168,480 for concrete work for erecting a 12-story class A bank and office bldg. adjoining the present bldg. at n.w. cor. 6th and Spring Sts. for the Pac. Southwest Trust and Savings Bank, John Parkinson and Donald E. Parkinson, 420 Title Ins. Bldg., archts. bids were: J. C. Bannister, \$168,480, alt (a) for add. to subbasement add. \$8520; alt. (b) deduct if terra cotta setting omitted, \$10,000; (c) deduct if reinf. steel in c. b. job by owner, \$30,000; (d) deduct if certain contractor's equip is furnished by own., \$1500. Barrett & Hilp, \$254,800; (a) \$19,000, (b) \$6400, (c) \$28,350, (d) \$500; Edwards, Widley & Dixon, \$231,000, (a) \$7500, (b) \$5500, (c) \$28,000, (d) \$1000; Clinton Constr. Co., \$211,700, (a) \$8500, (b) \$10,000, (c) \$27,500, (d) —; Anton Johnson & Co., \$260,000, (a) \$12,750, (b) \$7500, (c) \$28,000, (d) \$1320; McDonald & Kahn, \$283,825, (a) \$3800, (b) \$2750, (c) \$23,000, (d) —; North Pacific Constr. Co., \$239,725, (a) \$8950, (b) \$5320, (c) \$29,531, (d) \$1150; William Simpson, \$210,500, (a) \$10,000, (b) \$3400, (c) \$27,000, (d) —; Scofield Engineering Constr. Co., \$230,000, (a) \$3882, (b) \$21,100, (c) \$25,000, (d) —.

LOS ANGELES, Cal.—Arch. A. Godfrey Bailey, 410 Hillstreet Bldg., is completing plans for a store and bank bldg. at 4th Ave. and Washington St., for R. H. Holbush; 5 stores, Garage, 80x110 ft. and dept. store rm. 150x140 ft. brick walls, struc. steel, press. brick facing, art stone trim, cem. fls., comp. rig., wood roof trusses, met. skylights, plate glass, reinf. conc. walls, steel sash, gas radi., pine trim, bldg. designed for future story. Owner will erect by day labor and sub-contract.

LOS ANGELES, Cal.—Christ Thoren 6764 Hawthorne Ave., awarded the gen. contr. at about \$400,000 for a class A office and garage bldg. at s.w. cor. Hollywood Blvd. and Sycamore Ave. for H. P. Rehberg; it will have 5 stores and lobby on first fl. with office suites above. Richard D. King, 519 Van Noy Bldg., archt. Office section will be 5-story and garage 3-story, reinf. conc. constr., 150x180 ft., terra cotta, plaster and conc. ext., comp. rig., plate glass, steel sash, 5 elec. elevators, garage will have ramps, steam hgt. sys., basement, metal store fronts, metal skylights, sprinkler sys. in garage.

OROVILLE, Butte Co., Cal.—Floyd Headrick, 309 6th St., Oroville, has contract to erect 1-story and basement brick store building in Meyers St., bet. Bird and Robinson Sts., for B. B. Meek and Carleton Gray. Will be 40x100 ft. Structure to be leased to Beal Furniture Co., Inc.



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LOS ANGELES, Cal.—Elfection Construction Co., 1101 W. M. Garland Bldg., has the contract at \$3,000 for an auto sales, service station and 3 stores on the southeast corner of Normandie Place and Western, lot Mr. Harrison S. Thomas has also Douglas Bldg., is the architect. First and part of the story, brick walls, plaster exterior, tile and composition roofing, cement floors, ornamental iron work, plate glass.

LOS ANGELES, Cal.—Archts. Curlett & Heedman 403 Union Bank Bldg., commissioned to prepare plans for a class A mercantile bldg., to be erected on 7th St. extending from Flower to Figueroa Sts. for the Sun Realty Co. and Sun Finance & Investment Co. Dimension 330 by 170 ft., 11-story, mezzanine story, basement and sub-basement; steel frame constr., reinf. conc. fls., brick filler walls, terra cotta facing, plate glass, elevators, steam htg.; \$3,000,000. The bldg. will be occupied by Barker Bros. Furniture Co.

LOS ANGELES, Cal.—William Simpson Constr. Co., Bank of Italy Bldg., was low bidder on revised figures for the concrete and masonry work at \$210,500 according to plans and specifications for the new class A addition to Trust & Savings Bldg., 6th & Spring Sts., for Pacific Southwest Realty Co. Clinton Construction Co., Stock Exchange Bldg., will be low bidder on the contract if certain of several alternates are accepted. John Parkinson and Donald B. Parkinson, Title Insurance Bldg., archts. The bids were: William Simpson Construction Co., \$210,500; (a) add for enlarging sub-basement, \$10,000; (b) deduct for omitting setting terra cotta, \$3400; (c) deduct if reinforcing steel is furnished by owner, \$27,000; Clinton Construction Co., \$211,700, (a) \$5500, (b) \$10,000, (c) \$27,500; Scofield Engineering-Construction Co., \$230,000 (a) \$3882, (b) \$11,100, (c) \$25,000; Edwards, Wilkey & Dixon, \$231,000, (a) \$7500, (b) \$5500, (c) \$28,000; Macdonald & Kahn, \$235,000, (a) \$9500, (b) \$3750, (c) \$23,000; Barrett & Hilt, \$250,000, (a) \$17,000, (b) \$6200, (c) \$23,000; Anton Johnson Co., \$253,000, (a) \$12,500, (b) \$7500, (c) \$28,000; Winter Construction Co. submitted an incomplete bid at \$205,000, and P. J. Walker Co. submitted a cost plus bid for the entire work.

THEATRES

Plans to be Figured Next Week.
THEATRE BLDG. Cost, \$175,000
OAKLAND, Alameda Co., Cal. Grand, Lakeside and Walker Avenues.
Two-story Class A theatre building (1800 seating capacity).
Owner—A. C. Karski and Louis Karski.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

Sub Contract Awarded.
THEATRE BLDG. Cost, \$—
PALO ALTO, Santa Clara Co., Cal. University Ave. and Ramona.
One-story reinforced concrete class B theatre building.
Owner—Palo Alto Theatre Co. (Ellis J. Arkush, Mgr.)
Architect—Weeks and Day, 315 Montgomery, San Francisco.

Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.
Reinforcing steel awarded to W. S. Wetenhall Co., 17th and Wisconsin Streets, San Francisco.
Structural Steel to Pacific Rolling Mill Co., 17th and Mississippi Sts., S. F.
As previously reported.
Reinforcing steel to W. S. Wetenhall Co., 17th and Wisconsin Sts., S. F.
Electrical Work to H. S. Tuttle, 82 Columbia St., S. F.
Plumbing Work to Wm. J. Forster Co., 355 4th St., San Francisco.
Bids for painting will be taken by the architects later.

Plans To Be Figured Next Week.
THEATRE & STORE Cost, \$100,000
BERKELEY, Baneroff W. of Telegraph
Steel and reinforced concrete theatre and store building.
Owner—Frank Athens.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Working Drawings Being Prepared.
THEATRE & STORE Cost, \$700,000
HOLLYWOOD, Hollywood Blvd.
Six-story class A theatre and dept. store.
Owner—C. E. Taberman, 140 Montgomery St., San Francisco.

Steel Contract Awarded. Cost, \$69,550
THEATRE
SAN FRANCISCO, N Jackson 107-11 W Kearny.
Class A theatre building.
Owner—Ying Wee Lun Hop Theatrical Co., 801 Grant Ave., S. F.
Architect—N. W. Mohr, 320 California St., San Francisco.
Contractor—H. L. Peterson, 35 Montgomery St., San Francisco.
Steel contract awarded to Western Iron Works.
Bids on other portions of work will be taken in about two weeks.

MERCED, Merced Co., Cal.—Architect Wieland, of Merced, has applied to city trustees for permit to remodel Studebaker Garage in 17th St. for a theatre building with seating capacity of 350 persons. Structure will be occupied by J. H. Simonson and H. B. Stoddard.

MOUNTAIN VIEW, Santa Clara Co., Cal.—F. L. Campen and Chas. Hartley will receive bids until Oct. 15 to erect 2-story concrete 72x143 ft., (2) stores and theatre.

PORTLAND, Ore.—Jensen and Von Herberg have purchased block bounded by Broadway, Salmon, Park and Main Sts. and will erect combined theatre and office building; est. cost \$2,000,000. Theatre will seat about 4000. Plans will probably be prepared by Archts. John V. Bennes and Harry Herzog, associated, Chamber of Commerce Bldg., Portland.

WHARVES AND DOCKS

LOS ANGELES, Cal. — Murdock & Condee, 1555 W. 21st St., submitted low bid to harbor comm. at \$19,747 for extension to oil wharf at berth 168; spec. 655. Other bids: W. M. Ledbetter & Co. \$21,400; Pan-Pacific Constr. Co., \$21,900; S. M. Kerns, \$22,500; The Wheeler Co., \$24,000; Ross Constr. Co., \$25,337; Mercereau Bridge & Constr. Co., \$25,407.

RICHMOND, Contra Costa Co., Cal.—Until Oct. 14, 8 p. m., bids will be rec. by A. C. Faris, city clerk, to construct fender line at Municipal Wharf No. 1. Francis Betts Smith, engineer, 58 Sutter St., San Francisco. Cert. check 10% payable to city reg. Plans on file in office of clerk and obtainable from engineer on deposit of \$5, returnable. See call for bids under official proposal section in this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

SANTA BARBARA, Santa Barbara Co., Cal.—A. C. Sanders, Carrillo Bldg., has prepared plans for a reinf. conc. mausoleum to be built here by W. S. McFarrell and H. G. LaForge, 348 San Marcos Bldg., for the Santa Barbara Mausoleum Co. Reinf. conc. walls and floor and roof slabs, marble and tile interior, bronze fittings.

SAN DIEGO, San Diego Co., Calif. — M. Trepte & Son, 1456 J St., are preparing plans for roller skating rink at Mission Beach for Edw. A. Kickham; 90x150 ft., brick and hol. tile constr., stucco ext., maple fl., skylights; \$30,000. Trepte will probably erect.

SACRAMENTO, Cal.—Until Oct. 20, bids will be rec. by Harry W. Hall, county clerk, to furnish 4000 barrels Portland Cement; 600 cu. yds. crushed rock and 400,000 ft. of lumber to be used in the construction of the Paintersville bridge, which is being constructed by the county under the supervision of Chas. Deterding, Jr., county engineer.

BUSINESS OPPORTUNITIES

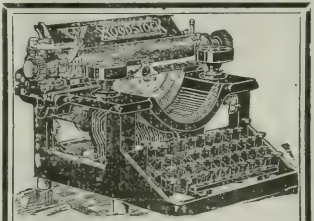
SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Streets, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

3578—London, England, Manufacturers of color and varnishes quote prices and have placed their full catalog on file with the Foreign Trade Bureau.

3600—United Kingdom. British manufacturer of malleable iron and plates and rubber shoe protectors desires to appoint an exclusive agent in San Francisco. Complete descriptive literature is available.

3604—San Francisco, Calif. Scandinavian manufacturers of millware, glassware, glass, China, and silverware desire to establish selling arrangements with San Francisco retail or wholesale firms. Full information is available from local representative just returned from Sweden.

3609—San Francisco, Calif. Salesman with extensive experience in selling Central American and South American customers desires to represent a San Francisco house in these countries.



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SAN FRANCISCO, CALIF.



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

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SAN FRANCISCO

Official Proposals

NOTICE TO BIDDERS

(For Furnishing and Laying Concrete Irrigation Pipe For Merced Irrigation District)

Notice is hereby given that sealed proposals for the work and material necessary for furnishing and laying of about 24,000 feet of concrete irrigation pipe will be received by the Board of Directors of Merced Irrigation District, in the Boardroom Building, in the City of Merced, State of California, at any time up to 10 o'clock A. M. of **Thursday, October 23, 1924**, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work to the lowest responsible bidder, but said Board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work and material for which proposals are hereby invited is as follows:

Furnishing and laying about 7,000 feet of 36" concrete pipe.
Furnishing and laying about 2,120 feet of 36" concrete pipe.
Furnishing and laying about 1,800 feet of 30" concrete pipe.
Furnishing and laying about 3,400 feet of 24" concrete pipe.
Furnishing and laying about 5,280 feet of 24" concrete pipe.
Furnishing and laying about 2,400 feet of 20" concrete pipe.
Furnishing and laying about 1,300 feet of 16" concrete pipe.
About 50 yards reinforced concrete in gate boxes.
About 200 feet of concrete pipe stand pipe.

Bid work is more particularly described in the specifications and plans thereof, which may be seen at the office of the Merced Irrigation District. Copies of the specifications and plans may be obtained at said office upon the deposit of Five Dollars for each copy, the deposit to be refunded upon the return of the specifications and plans in good condition not later than the date of receiving bids.

A bidder to whom a contract may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of the claims of materialmen, mechanics and laborers, and a bond in the sum of at least one-fourth of the contract price conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash, or a certified or cashier's check or bidders bond, payable to Merced Irrigation District, for a guarantee that if the bid is accepted, the bidder will, within ten days after its acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

Bids must be on the proposal forms attached to the specifications, and must be in sealed envelopes addressed to the Board of Directors of Merced Irrigation District, and marked to indicate that each is a proposal for the doing of said work.

Dated at Merced, California, October 2, 1924.

By order of said Board of Directors,
H. P. SARGENT,
Secretary of Board of Directors of Merced Irrigation District.

NOTICE TO BIDDERS

(City of Richmond—Fender Line)

Sealed bids or proposals will be received by the undersigned Clerk of the City of Richmond at his office in the City Hall of Richmond, California, up to 8:00 o'clock P. M. of **Tuesday, October 14, 1924**, at which time all such bids will be publicly opened and de-

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate, 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

clared by the Council of the City of Richmond, for the construction of a fender line at Municipal Wharf No. 1 in said City of Richmond, as described in the plans and specifications for said work on file in the office of the Clerk of the City of Richmond.

All bids must be submitted upon proposal sheets furnished with the plans and specifications.

Copies of proposal sheets and plans and specifications will be furnished prospective bidders upon application to the Supervising Engineer, Francis Betts Smith, at his office, Room 350 No. 58 Sutter Street, San Francisco. A deposit of five dollars (\$5) will be required for each set of plans and specifications furnished, which deposit will be refunded upon their return in good condition.

Each bid must be accompanied by a certified check made payable to the City of Richmond for at least ten per cent (10%) of the total amount of bid. The Council of the City of Richmond reserves the right to reject any or all bids.

Dated this 1st day of October, 1924.

A. C. FRIEDMAN,
Clerk of the City of Richmond.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on November 3, 1924, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows: San Bernardino and Riverside Counties between 1/2 mile north of San Bernardino County line and Beaumont (VIII-S.Bd-Riv-26-B & A), about seven and one-tenth (7.1) miles in length, to paved with Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the

of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated. Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bids will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS E. EREDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated October 6, 1924.

NOTICE TO CONTRACTORS

(Spur Track—Fort Mason)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., Oct. 9, 1924, for constructing spur track at Fort Mason, Calif. Information upon application.

NOTICE TO CONTRACTORS

Kern County Juvenile Detention Home

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors, County of Kern, State of California, up to 10 A. M. of **October 27th, 1924**, for furnishing all materials and labor necessary for the erection and completion of a two-story brick Kern County Juvenile Home, to be erected on the site of the Kern General Hospital, East Bakersfield, California. Said building to be erected in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of Ten Dollars (\$10.00) at the office of Charles H. Edgar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole or segregated as noted in the bid form furnished with the specifications.

Bid must be accompanied by a cashier's or certified check in the amount of at least ten per cent (10%) of the amount bid, such check to be made payable to the Clerk of the Board of Supervisors, County of Kern, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to the said County of Kern, and to waive any informality in any bid received.

By order of the Board of Supervisors

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

ors, County of Kern, State of California, made September 29, 1924.

F. E. SMITH,

County Clerk and ex-officio Clerk of the Board.

Dated: October 1, 1924.

NOTICE TO BIDDERS

(Hillsborough School District)

Bids are requested for furnishing the following material and supplies to Hillsborough School District, San Mateo County, California:

Item 1—One State Universal Saw, tilting top 23"x38" with complete equipment including motor.

Item 2—One Porter Joiner, 6" size, built-in motor.

Item 3—10 Double Benches, top 52"x36" tool rack in center, fitted with roller nut rapid-acting vise.

Item 4—7 stoves (installed), apartment house type, 3-burner top, oven and broiler.

NOTE—Motors to be 60 cycle, single phase, 110 v. A.C. current.

Bids may be made separately for one or more items.

All prices f. o. b. the Hillsborough School, Hillsborough, Cal.

Bids are to be addressed to Thomas H. Breeze, Clerk of the Board of Trustees of Hillsborough School District, 433 California street, San Francisco, Cal., and will be received on the 18th day of October, 1924, at 10 A. M.

The right to reject any and all bids is reserved.

By order of
THE BOARD OF TRUSTEES OF
HILLSBOROUGH SCHOOL DIST.

NOTICE TO CONTRACTORS

(Vault—County of Alameda)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County at his office until Monday, October 20th, 1924, at 10 o'clock A. M. (the day when said bids will be opened and the contract awarded) for the erection and completion of a vault for the Treasurer's Office in the Hall of Records, Oakland, Alameda County, California. Said work being divided into two departments.

Plans and specifications for said work are on file in the office of the County Clerk in the Hall of Records Building in the City of Oakland, where copies may be obtained by depositing the sum of Ten (10) Dollars with the County Clerk.

Department No. 1. Reinforced concrete vault construction, etc. Contractors will be restricted as to the length of time these plans may be retained to fifteen (15) days.

Department No. 2. Linings, doors,

gates, etc. Plans and specifications for Department No. 2 must be returned on or before October 20th, 1924, the day when said bids will be opened.

Contractors failing to return said plans and specifications within the time specified will forfeit their deposit to the County of Alameda.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank and made payable to Geo. E. Gross, County Clerk and Ex-Officio Clerk of the Board of Supervisors, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

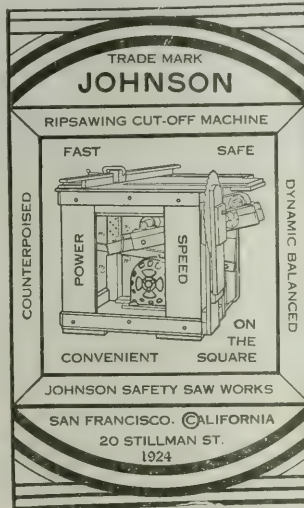
GEO. E. GROSS,

Clerk of the Board of Supervisors of the County of Alameda.
Dated September 22nd, 1924.

NOTICE TO CONTRACTORS

(Memorial Hall, Antioch, Calif.)

Office of the Clerk of the Board of Supervisors of Contra Costa County, State of California.



NOTICE IS HEREBY GIVEN that sealed bids will be received by the clerk of the Board of Supervisors of Contra Costa County, State of California at his office until 11 o'clock A. M. on Monday, October 20th, 1924, for the furnishing of all labor and material and for the erection and construction of a Memorial Building to be built in the Town of Antioch, county of Contra Costa, State of California, in accordance with plans and specifications prepared by and under the supervision of Davis-Heller-Pearce Co., Architects, and Engineers, Stockton, California.

Bids shall be marked "Bids for Construction of Antioch Memorial Hall." Bids shall be presented in accordance with general conditions in said specifications.

Plans and specifications for the work are on file in the office of the County Clerk of Contra Costa County, State of California, at Martinez, Cal., and in the office of the Architects, Davis-Heller-Pearce Co., Architects and Engineers, Stockton, California, to which bidders are hereby referred.

NOTICE IS HEREBY GIVEN that all things being equal, preference will be given first to bidders using materials manufactured or produced in the County of Contra Costa, and second that preference will be given to local bidders where bids are equal.

All bids must be accompanied by a certified check on some solvent bank or a cash deposit in a sum equal to ten per cent of amount bid on whole contract, conditioned that if the contract is awarded to party submitting the accepted bid, he will enter into a contract or contracts and furnish such bonds as may be required by said Board, within five days after the notice of award, or failing to do so, the amount of such cash deposit or certified check to be forfeited as liquidated damages for such failure.

All checks to be made payable to the order of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

The Board of Supervisors reserves the right to reject any and all bids and to waive informality in any bid received.

Plans and specifications for this work may be obtained from the Architect or County Clerk, upon depositing the sum of Twenty dollars to insure return of said plans and specifications, the same to be returned to said bidder on return of said plans and specifications in good order within seven days after receipt of same.

By order of the Board of Supervisors of Contra Costa County, State of California.

Dated: Martinez, Cal., September 15th, 1924.

J. H. WELLS,
Clerk of the Board of Supervisors.

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BRIDGES

SEATTLE, Wash.—Until Oct. 27, 11 a. m., bids will be rec. by General Purchasing Agent, Alaskan Railroad, 122 Bell Street Terminal, Seattle, to furnish plate girder span and two steel truss spans for bridge on the Alaskan Railroad, the former to be 80-ft. center to center of end bearings and the latter 200-ft. and 1/4 in. center to center of end bearings. Total weight of steel required for girder span is about 75 tons and for each of the truss spans about 237 tons. Further information obtainable from the above office or the offices of the Alaskan Railroad, 510 Customhouse, San Francisco.

LOS ANGELES, Cal.—City Engr. John Griffin instructed by the council to proceed with plans for viaduct at crossing at Dominguez Creek and Anaheim Blvd. in Wilmington Dist.; est., \$500,000. The cost will be shared by the railroads and the harbor belt line railway, the cities of Los Angeles, Long Beach, the county and adjacent assessment district.

SANTA ANA, Cal.—Until 11 a. m., Oct. 21, bids will be rec. by supervisors to const. creosoted pile and structural steel bridge with timber deck 580 ft. in length, composed of 23 15-ft. timber spans and one 70-ft. moveable plate girder span, together with creosoted sheet pile bulkheads 106 ft. in length at each end of the bridge. This bridge is to be constructed across the upper arm of Newport Bay on the line of the state highway. Plans obtainable from J. L. McBride, county highway commissioner, on deposit of \$15. J. M. Backs, clerk.

NEWPORT BEACH, Cal.—City Engr. Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, preparing plans for wooden bridge across Santa Ana river at north city limits, connecting city's streets with new coast boulevard now under construction.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 27, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. bridge on Croy road over Croy Creek in Supervisor Dist. No. 1. Plans on file in office of clerk. Robt. Chandler, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare plans for bridge over Finnemore ditch and bridge on Carey road in Supervisor Dist. No. 5.

MADERA, Madera Co., Cal.—County supervisors will provide \$10,000 of necessary \$17,000 to finance construction of concrete bridge over Chowchilla river on state highway. Bids will be asked and construction carried on under supervision of State Highway Commission.

BAKERSFIELD, Kern Co., Cal.—Nate Lovelace, Visalia, at \$31,001 submits low bid to supervisors to const. rein. conc. deck girder bridge, 5-spans, each 30 ft., 22-ft. roadway, involving 1100 cu. yds. "A" and 140 cu. ds. "B" excavation; 4920 lin. ft. timber piles in place; 492 lin. ft. timber pile cutoffs; 305 cu. yds. "A" and 590 cu. yds. "B" concrete; 61,206 lbs. rein. steel; 1055 lbs. bronze expansion plates; remove present bridge. Other bids, three lowest taken under advisement, were: C. C. Gildersleeve, Bakersfield, \$32,947; Sorensen & DaMant, Sanger, \$33,810; W. Nightbert, Bakersfield, \$35,107; Tibbets, Percival & Cress, Sacramento, \$34,828; W. M. Ledbetter Co., Los Angeles, \$33,797.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor E. A. Peugh preparing plans for bridge over Mark West Creek near Fulton replacing structure which recently collapsed. Est. cost \$10,000.

BAKERSFIELD, Kern Co., Cal.—Proctor & Cleghorn, Santa Rosa, at \$56,584 submits low bid to supervisors to const. rein. conc. deck girder bridge over Kern river on Bakersfield-Roseville road, consisting of 13 spans, 32 ft. roadway, 4-ft. walks, involv. 1468 cu. yds. "A", 1233 cu. yds. "B", and 210 cu. yds. "C" excavation; 10,680 lin. ft. timber piles in place; 1068 timber piles cut-offs; 744 12 cu. yds. "A" and 1399 34 cu. yds. "B" concrete; 166,893 lbs. reinforcement steel; 4900 lbs. bronze expansion plates; 1 complete lighting system. Other bids, three lowest taken under advisement, were: W. M. Ledbetter Co., Los Angeles, \$72,410; Currie & Dulgar, Bakersfield, \$70,293; F. W. Nightbert, Bakersfield, \$76,898; Tibbets, Percival & Cress, Sacramento, \$69,504; Peterson & Elsie, Bakersfield, \$61,109; J. F. Shephardson, Bakersfield, \$59,948.

SAN DIEGO COUNTY, Cal.—H. H. Peterson, Spreckels Bldg., San Diego, at \$8,266 (engineer's estimate \$8,597) awarded cont. by State Highway Commission to const. bridge 30 ft. wide over Sycamore creek in San Diego county, about 6 mi. north of Oceanside, consisting of one 24-ft. rein. conc. arch span involv. 290 cu. yds. Class A cem. conc., 125 hundredweight 12 in. rein. steel, 300 cu. yds. excavation for structure, 480 cu. yds. roadway embankment, 124 cu. yds. backfill.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKLAND, Cal.—City council adopts resolution authorizing employment of four engineers to make survey for Oakland Harbor development project. Engineers selected are: G. B. Gogard; Prof. Chas. B. Marx, professor of engineering at Leland Stanford University; Amos Fries, U. S. Government engineer and C. T. Leeds, Los Angeles engineer.

GRIMES, Colusa Co., Cal.—Ajax Dredging Co., 1st St., San Francisco, at \$15 cu. yd. awarded cont. by Reclamation District 108 and Sacramento West Side Levee District for removal of 160,000 cu. yds. earth work in district.

COLUSA, Colusa Co., Cal.—Bids will be asked at once by trustees of Sacramento West Side Levee District and Reclamation District No. 108 to raise levees on the Sacramento river below Grimes.

MODESTO, Stanislaus Co., Cal.—Directors of Modesto Irrigation District will ask bids shortly to deepen main canal for distance of 600 ft. above the Gasburg flume. Est. cost \$15,000.

LOS ANGELES, Cal.—Atkinson-Spicer Co., Chapman Bldg., submits low at \$7750 to bd. pub. wks. for excavating open channel in Cologne St., bet. Carmona and Clyde Aves.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Electric Lighting Supply Co. 214 W 3rd St. awarded cont. by Bd. Pub. Wks. at \$37,210 to install ornam. light. sys. in Adams St., bet. Vermont and Western Aves.

LOS ANGELES, Cal.—Until 2 p. m., Oct. 27, bids will be rec. by supervisors to const. ornam. light. sys. in West Hollywood Light. Dist. Bids, same date, to const. ornam. light sys. in the Graham Light. Dist. Plans on file in office of board. Cert. check or bond 10%.

SANTA BARBARA, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, awarded cont. by council at \$16,648 for ornamental light sys. on Castillo St., bet. De La Vina and Canal Sts.; cast iron and steel posts.

LOS ANGELES, Cal.—Finley-Hunt Co., 572 Court St., San Bernardino, at \$67,985 submits low bid to Bd. Pub. Wks. for ornam. light. sys. in Jefferson St., bet. Vermont and 10th Aves. Other bids were: C. W. Sparks, \$71,740; H. H. Walker, \$72,961; Jas. C. Perry, \$73,700; Osborn Elec. Co., \$73,840; Newberry Elec. Corp., \$75,135; Wilshire Elec. Co., \$75,789; J. C. Rendler, inc., \$77,700; R. A. Wattson, \$79,138.

Finley-Hunt Co., low at \$58,945 for ornam. light. sys. in San Pedro St., bet. 61st St. and Manchester Ave. Other bids were: J. C. Rendler, inc., \$60,666; Newberry Elec. Corp., \$61,608; Jas. C. Perry, \$61,910; H. H. Walker, \$62,796; C. W. Sparks, \$63,218; Wilshire Elec. Co., \$65,895; R. A. Wattson, \$68,740; Osborn Elec. Co., \$70,976.

MACHINERY & EQUIPMENT

HILLSBOROUGH, San Mateo Co., Cal.—Until Oct. 18, 10 a. m., bids will be rec. by T. H. Breeze, clerk, Hillsborough School District, 433 California St., San Francisco, to fur. (a) one State Universal Sump, tilting top, 23x28-in., with complete equipment including motor; (b) one Porter Jointer, 6-in. size, built-in motor; (c) double benches, top 52x36-in., tool rack in center fitted with roller nut rapid-acting vise (d) 7 stoves (installed), apartment house type, 3-burner top, oven and broiler. (Motors to be 60-cycle, single phase, 110 VAC current. Further information obtainable from clerk. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 27, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to fur. one or more Fordson tractors equipped with Hadfield-Penfield tracklayer rigid rail.

Separate bids, same date, to fur. one or more Caterpils. Further information obtainable from clerk. Robt. Chandler, county surveyor.

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Goggles—Respirators
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Douglas 6320

COMPTON, Cal.—Councilmen Mauck and Dyer appointed to investigate cost of buying concrete mixer for street and water departments.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 27, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to fur. and install laundry equipment at county hospital, as follows: metal washing machine, motor driven size 42x84; drying tumbler, motor driven, 42x60; 30-in. extractor, motor driven; four-roll, 100-in. flat iron worker, motor driven; 50-in. motor driven; automatically operated press, 36-in. Specifications and further information obtainable from clerk.

LOS ANGELES, Cal.—Luitweller Pumping Eng. Co., 715 N. Main St., submitted low bid to supervisors for horizontal tube boilers, at the following prices: (1) \$23,400, (2) \$21,600, (3) \$24,492, (4) \$7412.

L. A. Boiler Wks., 119 Redondo, submitted low bid on bent tube boilers, at (1) \$37,625, (2) \$38,452, (3) \$19,227. On item 4, Southwestern Engr. Co. was low at \$9775.

LOS ANGELES, Cal.—Baker Iron Works submitted low bid at \$6431 to bid pub. work for 5-ton elec. traveling crane at city garbage loading station, 25th and Harriet Sts. Llewellyn Iron Works bid \$8000.

RAILROADS

MERCED, Merced Co., Cal.—Bids rec. by Merced Irrig. Dist. for materials for relocation of Rosemead Valley Ry. involving Schedule A, 70 lb. rails, angle bars, track spikes, tie plates, track bolts, "Hipopower" nut locks, frogs; Schedule B, lump sum; Schedule C, R.R. ties, trestle timbers, were:

Schedule A: United Am. Comm. Co.—\$46.50 foreign, \$61.25 American rails, 90c foreign bars, \$1.50 American bars, 3.63c spikes, 25.65c plates, 4.835c bolts, 38.2c locks, \$93.35 frogs, total \$144,366.96 foreign rails, etc.; \$150,550.21 American rails, etc.
Edward L. Soule—\$46.15 rails, \$1.40 bars, 4.05c spikes, 27.25c plates, 5.75c bolts, 39.75c locks, \$284.60 frogs; total, \$151,234.15. (Must be accepted by October 4.)

Rolph, Mills & Co.—\$47.23 rails, \$1.375 bars, 4.25c spikes, 27.625c plates, 6.06c bolts, 42.5c locks, \$301 frogs; total, \$154,558.75.

G. W. McNear—\$48.90 rails, \$1.30 bars, 4.375c spikes, 25.75c plates, 5.5c bolts, 39c locks, \$255 frogs; total, \$155,360.50.

U. S. Steel Products Co.—\$53.49 rails, \$1.50 bars, 3.79c spikes, 26.37c plates, 4.79c bolts, 41c locks, \$119 frogs; total \$175,332.19.

Colorado Fuel & Iron Co.—No. 1 rails \$65.50 and No. 2 rails, \$63.25, \$1.48 bars, 3.85c spikes, 25.65c plates, 4.89c bolts, 37.64c locks, \$251.85 frogs; total, \$190,645.96.

Bethlehem Steel Co. (bid incomplete)—\$57.20 rails, 44c bars, 3.975c spikes, \$188 frogs.

Schedule B—United Comm. Co.—\$20,004.90; no other bids.
Schedule C—United Comm. Co. \$31.75 per M. R.R. ties, \$34.50 timbers; total \$60,398.75.

Reynier Lbr. Co.—\$35.65 ties, \$34.60 timbers; total, \$66,900.25.

Cross Lbr. Co.—\$35.75 ties, \$36 and \$33 (58 M and 144 M respectively), timbers; total, \$67,006.75.

Merced Lbr. Co.—\$36.50 ties, \$34.40 \$33.25 and \$36.40 (122 M, 22 M and 58 M respectively), timbers; total, \$68,462.20.

Calif.-Oregon Lbr. Co.—\$69.31 total.
Niedermeyer-Martin Lbr. Co.—\$39 ties, \$35 timbers; total \$72.715.

Charles Nelson Co.—\$39.65 ties, \$34.25 timbers; total, \$73,660.25.

McClymont Lbr. Co.—\$39.90 ties, \$34.43 timbers; total, \$74,127.50.

H. A. Browning Lbr. Co.—\$39.75 ties, \$37 timbers; total, \$74,378.75.

Hammond Lbr. Co.—\$39.70 ties, \$38.50 timbers; total, \$74,594.50.

Weber & Masson—\$40.78 ties, \$35 timbers; total, \$75,714.30.

Albion Lbr. Co.—\$44.45 ties only; total, \$74,898.25.

SAN FRANCISCO—Robt. W. Jamison at \$6436.70 submits low bid to Ed. Pub. Wks. to furnish electrical conductors for Ocean View extension of Municipal Railway, Butte Elec. & Mfg. Co., only other bidder at \$7583.45.

FIRE ALARM SYSTEMS

GLENDALE, Cal.—City fails to vote bonds of \$63,500 to finance installation of fire alarm system and \$36,500 to finance police alarm system.

LONG BEACH, Cal.—Fire Chief G. C. Crawl requests council to include \$706,000 appropriation in municipal bond program for new alarm sys. engine house at 5th St. and Alamitos Ave. and stations and equip. for newly annexed sections of the city.

LIVERMORE, Calif.—See "Government Work & Supplies," this issue. Prospective bidders for fire alarm system.

LOS ANGELES, Cal.—Until 2 p. m., Oct. 20, bids will be rec. by supervisors for alarm system to connect with alarm boxes at Ave. 29, locations with the sys. of the fire house at 5455 Whittier Blvd. Spec. from County Fire Warden.

FIRE EQUIPMENT

LODI, San Joaquin Co., Cal.—City trustees authorize purchase of 1000-ft. 2½-in. and 600 ft. 1½-in. fire hose.

MISCELLANEOUS SUPPLIES

GLENDALE, Cal.—The \$60,000 bond issue for additional fire equip. and stations carried; garbage disposal plant issue carried.

RESERVOIRS AND DAMS

ASHLAND, Ore.—City council orders survey for dam in Ashland Creek watershed for municipal water system. Bonds will be voted to finance construction.

SAN DIEGO, Cal.—Election will be held Nov. 12 to vote \$4,500,000 bond issue for gravity type dam at El Capitán, in accordance with the plan proposed by City Mgr. F. A. Rhodes.

LOS ANGELES, Cal.—Bent Bros., 418 Pecan St., awarded cont. by supervisors at \$796,068 to const. Pacoima Canyon dam, about 4 mi. from San Fernando; will be 600 ft. long on top and 375 ft. high, with a top width of 8 ft.

LOS ANGELES, Cal.—Ross Const. Co., Oschner Bldg., Sacramento (Los Angeles address, Van Nuys hotel), awarded cont. by supervisors at \$428,970 to const. arch. conc. dam and appurtenant structures, tunnels, etc., in Santa Anita Canyon, about 3 mi. n of Arcadia.

SAN BERNARDINO, Cal.—Geo. M. Cooley Co., San Bernardino, awarded cont. for 1500 ft. 8-in. lap welded steel water pipe and 4000 ft. 6-in. at \$62.30 for 6-in. and \$96.48 for 8-in., f. o. b. San Pedro. Other bids: Crane Co., Los Angeles, \$62.30 6-in. and \$96.48 8-in.; Shinn-Holtz-Lyon Co., Los Angeles, 6-in. \$67, and 8-in. \$103. Wm. Starke, water supt.

PIPE LINES, WELLS, ETC.

MERCED, Merced Co., Cal.—Until Oct. 23, 10 A. M., bids will be rec. by H. P. Sargent, Sect'y., Merced Irrigation District, to fur. and lay concrete pipe as follows: 7,000 ft. 36-in.; 2,130 ft. 33-in.; 1,800 ft. 30-in.; 3,400 ft. 27-in.; 5,280 ft. 24-in.; 2,400 ft. 20-in.; 1,300 ft. 16-in. Also for 50 yds. reinforced concrete in gate boxes; 200 ft. conc. pipe stand pipe. Specifications obtainable from Sect. of district, Barcroft Bldg., Merced, on deposit of \$5, refundable. See call for bids under official proposal section in this issue.

SALINAS, Monterey Co., Cal.—The Central Counties Gas Co. votes to increase indebtedness \$100,000 to provide for imp. to plant and main extensions.

MONROVIA, Cal.—Until 7:30 P. M., Oct. 20, bids will be rec. by city trustees to fur. 5000 ft. 6-in., 2000 ft. 8-in. and 4000 ft. 10-in. pipe. Spec. on file with city engineer. Cert. chk. or bond, 10%. Lewis P. Black, Clerk.

WOODLAND, Yolo Co., Cal.—Bids will be asked at once by city trustees to drill well for municipal water system at rear of high school site in 2nd St. Est. cost, \$1000.

SEWAGE DISPOSAL PLANTS

WOODLAND, Yolo Co., Cal.—City Engineer Asa Proctor making report on improvements proposed to relieve congestion in city sewage system.

MISCELLANEOUS CONSTRUCTION

BERKELEY, Alameda Co., Cal.—Recommendation of Chamber of Commerce Traffic Committee to City Council seeking construction of subway for Shattuck Ave. trains has been referred to State Railroad Commission and Frank B. Rae, consulting engineer for city of Berkeley.

GLENDALE, Calif.—City votes bonds of \$50,000 to finance construction of garbage disposal plant.

SACRAMENTO, Cal.—Until Oct. 20, bids will be rec. by Harry W. Hall, County Clerk, to furnish 1,000 barrels Portland Cement; 600 cu. yds. crushed rock and 400,000 ft. of lumber to be used in construction of Paintersville bridge which is being erected by the county under the supervision of Chas. Deterding Jr., county engineer.

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LOS ANGELES, Cal.—City council, Sept. 22, 1924, passed a resolution authorizing the city engineer to prepare plans and specifications for the construction of a new city hall, to be located on the corner of Broadway and Olive streets, and to let the same by competitive bids, and the same shall provide for the construction of the same in accordance with the plans and specifications.

LOS ANGELES, Cal.—At a meeting of the city council, held Nov. 1, to vote \$200,000 bond issue for a garbage incinerator and equipment.

HERMOSA BEACH, Cal.—Election will be held Nov. 1 to vote \$200,000 bond issue for a garbage incinerator and equipment.

WATER WORKS

GLENDALE, Cal.—City fails to vote bonds of \$50,000 to finance extensions to water system.

LOS ANGELES, Cal.—Election will be held Oct. 24 in Girard dist. to vote \$25,000 bond issue to provide water distributing sys.

SAN JOSE, Santa Clara Co., Cal.—County supervisors cancel contract with Lague and Bowler Corp. for deep well turbine pump for county hospital.

ST. HELENS, Ore.—Floyd W. Allen, consulting engineer, Railway Bldg., Portland, Ore., commissioned to prepare plans for proposed water system for which bonds of \$180,000 were voted to finance. Construction includes reservoir and pipe line.

TRACY, San Joaquin Co., Cal.—On reconsideration of bids, (recently rejected) directors of Santa-Carbena Irrigation District, awards contracts to Byron-Jackson Iron Works, Oakland, to furnish pumps and motors (all motors and electrical equipment to be G. E. equipment) at \$80,000 and to Youdall Co., San Francisco, for complete installation of same at \$47,782.

SAN FRANCISCO, Cal.—City votes bonds of \$10,000,000 to finance construction of tunnels and aqueducts to connect reservoirs and conduits with pipe lines. M. M. O'Shaughnessy, City Engineer.

PEARL HARBOR, T. H.—"Equipment Work and Supplies," this is the 1924 report for the year ended June 30, 1924.

PLAYGROUNDS AND PARKS

GLENDALE, Cal.—City fails to vote bonds of \$125,000 to finance park and improvements for park sites; also \$35,000 to finance purchase of trees, etc.

SEWERS & STREET WORK

SOUTH GATE, Cal.—Until 7:30 P. M., Oct. 21, bids will be rec. by city trustees to improve S. ½ of Southern Ave., involv. 786 ft. curb, 3200 sq. ft. walk, 1080 sq. ft. 5-in. gut., 544 sq. ft. 8-in. gut., 12,060 sq. ft. 3½-in. bitum. base with 1½-in. Willite asph. wetting surface, 13,050 sq. ft. grading; 1911 and 1915 acts. E. M. Lynch, 1101 Central Bldg., Los Angeles, city engr.

LOS ANGELES, Cal.—Until 2 P. M., Oct. 14, bids will be rec. by supervisors for imp. Figueroa St. entrance to Coliseum at Exposition Park, involv. 17,268 cu. yds. excav., 14,335 sq. yds. shaping roadway, 14,335 sq. yds. conc. pav., 7135 ft. conc. combination curb and gutter, 73,696 sq. ft. 3½-in. conc. walk, 123,670 sq. ft. 4½-in. conc. walk. Cash contr. No. 237. Cert. chk. or bond, 10%. This work previously advertised for Oct. 20.

INGLEWOOD, Cal.—Geo. R. Curtis Pav. Co., 2440 E. 26th St., Los Angeles, awarded cont. by council at \$30,195 to imp. Redonda Ave. bet. Eucalyptus and Freeman Aves., involv. 181,876 sq. ft. grading, 24c ft.; 5725 ft. curb, 50c ft.; 8326 sq. ft. 5-in. gut. 20c ft.; 28,863 sq. ft. walk, 16c ft.; 25,022 sq. ft. 4-in. asph. conc. pav., 15c ft.; 1180 sq. ft. 8-in. gut. 30c ft.; 78,312 sq. ft. 5-in. asph. conc. pav., 16c ft.; 70 water services, \$11.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded cont. at \$39,362 to pave Burlington Ave., betw. First and Sixth Sts. with asph., cem. conc. and Warrentite-bitul. pav. J. L. McClain 3453 W. Shawson, award. cont. at \$27,434 to pave Beaudry Ave. bet. Second and Fifth Sts. with cem. conc., remod. oiled surface. curb, etc.

LOS ANGELES, Cal.—Until 2 P. M., Oct. 20, bids will be rec. by supervisors to imp. Locky Court, bet. 98th and 100th Sts., involv. 134 cu. yds. excav., 1571 sq. ft. gutter, 1138 sq. yds. asph. conc. base, and 1138 sq. yds. Natl. paving. Co. Imp. No. 178.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten to imp. Pierson St. from Madera Ave., northerly, involv. grading and paving; const. curbs, gutters, walks, conduits, storm water inlets, manholes and 3 storm water drains. 1911 Act. Protests Oct. 23. W. W. Harmon, city eng.

WOODLAND, Yolo Co., Cal.—A. Teichert & Son, Ochener Bldg., Sacramento, at approx. \$10,000 (\$33.31 cu. yd.) submits low bid to supervisors to const. gravel shoulders on county highway from S. D. bridge in Washington via Third and Elizabeth Sts., and county road through Riverbank to Waldeck House in Reclamation District No. 785; designed as Prefix 6, Sec. A. B. C.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., G and Divisadero sts., Fresno, at \$36,823.28 awarded cont. by city council to imp. Ocean Ave., involv. 168,368 sq. ft. grading; 168,368 sq. ft. 5-in. conc. pavement; 767 lin. ft. conc. curb; 3607 sq. ft. 4-in. conc. walks; 109 ft. 5½-in. by 12-in. part circle corr. metal and 168,368 sq. ft. 1½-in. by 18-in. part circle corr. metal & conc. culvert; 14 conc. catchbasins; 288 lin. ft. 6-in. pipe; 12 in. vit. pipe sewers; 13 6x4-in. wye branches; 42 hand-hole traps; sewer manhole, 250 lin. ft. 8-in. vit. drain pipe; 12 in. and 90 lin. ft. 18-in. vit. drain pipe; 2 conc. gutterways. Other bids were: W. E. Miller, Santa Cruz, \$38,652.51; Granite Const. Co., Watsonville, \$33,969.34.

GLENDALE, Cal.—E. L. Fleming, 324 W. Dryden St., Glendale, awarded cont. by council to imp. Rock Glen Ave., bet. Lincoln Ave. and Maple St., etc. mac. pav., curb, etc., at \$7654. Western Ave., bet. San Fernando Rd. and Victory Blvd.: mac. pav., curb, gut, etc., at \$33,053.80.

ALHAMBRA, Cal.—Until 8 p. m., Oct. 13, bids will be rec. by council to const. sewers in Almansor St., bet. Valley Blvd. and Los Higos St. and portions of Sierra Alta Ave., pipe and other streets, involv. vit. pipe, manholes, junction chambers, hse. con., etc., 1911 act. T. B. Downer, city engr.

SAN PABLO, Contra Costa Co., Cal.—San Pablo Sanitary District, R. V. March, secy., declares inten. to const. 8-in. vit. sewers in portions of Stockton Street Extension and 70-ft. of 8-in. c.i. pipe across Alvarado St. and 6-in. c. i. pipe, 50-ft. in length in Alvarado St. and 6-in. vit. sewers in Alvarado St. and Church Lane; br. and cem. conc. manholes; lampholes and wye branches 1911 Act. Protests Oct. 21.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, appropriates \$16,920 to finance paving of Market Street pier. W. W. Harmon, city engineer.

SAN DIEGO, Cal.—Geo. R. Daley, 4430 Boundary St., San Diego, low bidder at \$30,952 to pave Ohio St., involv. 128,803.52 sq. ft. 1½-in. Warrentite pav. on 4-in. cem. conc. at 4c ft.; 56 ft. curb at 70c ft. Calif. Constr. Co. bid 244c pav., 75c curb; total, \$31,470.06. Referred to City Eng. F. A. Rhodes.

SANTA ROSA, Sonoma Co., Cal.—County Supervisors will be petitioned to const. 1-mi. of road from Forestville to Mirabel Park. Supervisors have \$20,000 for road improvements in that district and it is probable the fund will be provided for the above work. E. A. Peugh, county surveyor.

COMPTON, Cal.—Until 8 P. M., Oct. 14, bids will be rec. by council to const. sewer in 1st alley S. of Olive St., bet. Alameda St. and Compton sewer farm, involv. 1247 ft. 18-in., 108 ft. 21-in., 3 manholes and junction chambers, 2 drop manholes. Cert. chk. or bond 10%. Plans from E. M. Lynch, 1101 Central Bldg., Los Angeles, City engr. Maude Heacock, city clerk.

Barber Greene Model 42 Loader



Prominent Users Are

- Oakland Paving Co.
- McGillivray Constr. Co.
- Joe Dowling
- California Highway Commission
- Blumenkranz & Vernon
- Bates & Borland
- Basalt Rock Co.

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SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares intent. to imp. Jerome St., bet. Dehman and Pleasant Sts. by grade and pave with 4-in. Warrenite-bit. surface, 18-in. conc. curbs, walks, curbs, gutters; 2 hyd. cem. conc. storm water inlets. 1911 Act & Bond Act 1915. Protests Oct. 29. Wm. Papp, city eng.

RED BLUFF, Tehama Co., Cal.—County supervisors petitioned to construct road to connect Lowrey and Red Bank highways.

LONG BEACH, Cal.—Council plans imp. of American Ave., bet. Anaheim and Shirley Sts. and Redondo Ave., bet. 2nd and 11th Sts.

RIPON, San Joaquin Co., Cal.—Ripon Sanitary District sets Oct. 27 a date to vote bonds of \$20,000 for finance construction of sewer system.

FAIRFIELD, Solano Co., Cal.—Supervisors petitioned to pave section of road through Leachman Tract east of Vallejo. F. E. Steiger, county surveyor.

SAN FRANCISCO Until Oct. 22, 3 p. m., bids will be rec. by Bd. of Pub. Wks. to imp. Maynard St., bet. Mission and Congdon Invol. 6-in. conc. base pavement with 2-in. asph. surface; granite curbs; art. stone walks.

Separate bids same date, to imp. 28th Ave., bet. Cabrillo and Fulton Sts., involving const. of 8-in. vit. pipe sewer with 38 wye branches; 2 br. manholes; conc. curbs; pave with asph. conc. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 20, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. H. L. Dodge road No. 222 (called Eight Mile road). Cert. check 10% payable to Chairman of Bd. of Suprs rec. Plans obtainable from County Surveyor or F. E. Quail on deposit of \$10, returnable.

FRESNO, Fresno Co., Cal.—City council, H. S. Foster, clerk, declares intent. (No. 21-D) to const. cem. curbs, walks and driveway approaches in Wishon Ave., bet. Weldon Ave. and north city limits and in portions of Cambridge, Vassar Ave., etc. 1911 Act. Protests Oct. 23. Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—L. E. Davis, awarded const. by supervisors at \$34,765 to imp. Main and other sts. in Tr. 47-41 invol. 2641 cu. yds. excav., 28,174 ft. curb, 113,316 sq. ft. walk, 5839 sq. ft. gutter.

SAN ANSELMO, Marin Co., Cal.—Town trustees, A. B. Studley, clerk, declare intent. (No. 53) to imp. const. vit. pipe sewer in Laurel Ave., bet. San Anselmo and Hillside Aves.; Rowland Ave. from right of way to San Anselmo Ave. and in San Anselmo Avenue between bet. Hazel Ave. and pt. 220-ft. northerly; also const. storm water inlet and corrugated pipe storm drain. 1911 Act and Bond Act 1915. Protests Oct. 20. J. J. Jessup, town engineer.

SALINAS, Monterey Co., Cal.—City council petitioned to const. sewer in Union St., bet. 1st and 2nd Sts. Plans obtained by City Engineer on application for report.

CORONA, Cal.—Bids for const. of Oct. 17, to vote on \$100,000 bond issue for sewer, water, and electric engineering.

DEL REY, Cal.—Awards of Oct. 10, 1924, approved. Details of const. by Eugene D. Graham, county clerk, to imp. Thomsen, Chris Hannerick, A. F. Remond, H. W. Barclay and A. A. Hesser.

LOS ANGELES, Cal.—Until 2 P. M., Oct. 27, bids will be rec. by supervisors for imp. work in Washington Tract, bet. Cluver City boundary at Walnut Dr. and Venice city boundary at Walnut Ave. and Del Rey St., 12,967 lin. ft. or 2.45 mi. invol. 15,273 cu. yds. excav., 29,441 sq. yds. street pavement, 24,441 sq. yds. cem. conc. pav., 19,700 ft. conc. curb. County furnishes \$659 bbls cem.

SALINAS, Monterey Co., Cal.—W. A. Dentonville, Hollister, at \$10,000 awarded const. by county clerk of \$100,000 to imp. Willow St. in Salinas and California Sts., including crossing at Tajaro St. invol. 82,393 sq. ft. grading; 2189 lin. ft. conc. curb; 48,375 sq. ft. 5-in. cem. conc. pavement. Granite Constr. Co., \$13,089.

MANHATTAN BEACH, Cal.—O. U. Miracle, 227 Ave. D, Redondo Beach, awarded const. by city trustees at \$89 to imp. Development Co.'s tract lying east of Highland to West Railroad Dr. bet. Center St. and Neptune Ave., north and south, and portions of other streets, invol. 5-in. cem. conc. pav., cem. walks, curbs; 1911 act.

TORRANCE, Cal.—J. D. Phillips, 605 San Fernando Blvd., Los Angeles, awarded const. by council to imp. portions of Arlington Ave., Columbia Ct., Border Ave., Dominguez St., etc., invol. grading, 3.56 sq. ft.; asph. conc. pav. 21.56 sq. ft.; cem. curb, 656 ft.; cem. walk, 22 sq. ft.; 4-in vit. hse. conc., \$1 ft.; 6-in. vit. hse. conc., \$1.15 ft.; wye branches, \$1.30 ea.; brick manholes, \$116.35 each; lamp holes, \$23.75 each.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 27, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to imp. (gravel surface) E. M. Bixler road, approx. 6 mi., from crossing of Howard Rd. on Union Island and southwesterly; est. cost, \$27,194. Plans obtainable from County Surveyor F. E. Quail.

LOS ANGELES, Cal.—Warren Constr. Co., 2221 E. 35th St., submits low bid to Bd. Pub. Wks. to imp. Melrose Ave., bet. Western Ave. and Larchmont Blvd., invol. 638 sq. ft. conc. pav.; 3130 sq. ft. bitum. base pav.; 166,330 sq. ft. Warrenite-bit. pav.; 11,899 sq. ft. oil and roll; 8339 lin. ft. curb; 15,778 sq. ft. walk; 9677 sq. ft. gutter, and 2263 lin. ft. cem. conc. sewers. Unit bid follows: 321,000 grading; 240 cu. conc. pave.; 90 bitum. base pav.; 27.32 Warrenite-bit. pave.; 70 oil and roll; 600 curb; 200 walk; 300 gutter; \$2200 storm drain; \$1500 conc. culvert; \$3000 san. sewer; \$150 hse. ln.; \$900 remove and re-install light posts.

ALHAMBRA, Cal.—Until 8 P. M., Oct. 13, bids will be rec. by council to const. 48,136.87 lin. ft. 8-in. vit. sewer, 1738 8-in. x 4-in. Y branches, 151 manholes, 2 24-in. manholes, 37 flush tanks and 1059 hse. con. of 4-in. soil pipe. Plans obtainable from M. H. Irvine, city engr. Cert. chk. or bond, 10%. Otto N. Rugen, asst. sewer engr.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 27, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to gravel surface Baker Land road, approx. 1 1/4 mi. in length. Plans obtainable from County Surveyor F. E. Quail.

HOLLISTER, San Benito Co., Cal.—Lloyd McElroy, San Jose, at \$3792 (\$379 cu. yd.) submits low bid to supervisors to imp. portion of Pinnacles road in Supervisor District No. 5, invol. 4800 yds. grading. Other bids Jas. Hanagan, Hollister, \$1 cu. yd. Granite Construction Co., Hollister, \$1000 cost plus 15%. Taken under advisement.

VENICE, Cal.—Until 8 p. m., Oct. 14 bids will be rec. by city trustees to imp. Vernon Ct. invol. cem. conc. pav., alterations to manholes, vit. pipe sewer, etc. 1911 act. T. H. Hanna, city clk.

LOS ANGELES, Cal.—DeWitt & Morine, 1311 W. 53rd St., submits low bid to supervisors at \$40,954 for gen. const. of roadway and culverts at Olive View Sanitarium, near Sylmar. Other bids: R. A. Waitton, \$44,000; R. H. Travers, \$45,107; E. E. Homann, \$54,614; Henry P. Vanden Bossche, \$54,737.50.

SAN MARINO, Cal.—Until 8 p. m., Nov. 12, bids will be rec. by council to const. 8-in. vit. sewer lateral with manholes, flushtanks, and wye branches in Oak Grove Ave., bet. Mesa Rd. and San Marino north boundary, etc., 1911 act. Plans on file at office of city clerk, H. W. Joyce.

CARMEL, Monterey Co., Cal.—Stroud Bros. & Seabrook, Bakersfield, at \$41,465 submit low bid to city trustees for sewer improvements. Other bids, taken under advisement, were: Frederickson & Shannon, \$44,502; Decker, De Golyer, \$44,850; W. A. Tobin, \$45,604; Hickey & Harmon, \$41,195.

INGLEWOOD, Cal.—Until 8 P. M., Oct. 20, bids will be rec. by city trustees to imp. under 1911 act and 1915 bond act:

Highland Blvd. and other streets, invol. 126,960 sq. ft. grading (34,000 yds.); 662 ft. curb; 2753 sq. ft. walk; reinf. conc. curb; 123,638 sq. ft. 6-in. conc. pav.; 73 pillow blocks; 81 water services.

Ash Ave., bet. Redondo Blvd. and Redondo Ave., invol. 186,027 sq. ft. grading (6500 cu. yds.); 4582 ft. 15-in. curb; 460 ft. 18-in. curb; 25,388 sq. ft. walk; 117,850 sq. ft. 5-in. Willite (1 1/2-in. surface on 3/4-in. asph. conc. base); 16 3/4-in. and 2 1/2-in. water services.

Arthur W. Cory, city engr. Otto H. Duelle, clerk.

LOS ANGELES, Cal.—Culjak (1821 N. Brannick St.) and Bebek at \$14,790 submit low bid to Bd. Pub. Wks. for sewer in June St. and Lexington Ave., bet. Fountain Ave. and Lexington Ave. Dalmatin (841 W. 62nd St.) & Guho submit low bid at \$14,600 for sewer in Occidental Blvd., bet. 2nd alley n. from Reservoir St. and Reservoir St.

COLUSA COUNTY, Cal.—Giddings & White, 809 F St., Sacramento, at \$63,520 (engineer's estimate, \$78,098) awarded const. by State Highway Commission to const. 15 mi. of roadway with gravel or stone 6.9 mi. in Colusa county bet. 1/4 mi. west of Freshwater creek and Williams, invol. 15,200 cu. yds. roadway embankment without classification; 21,600 sta. yds. overhaul; 30 cu. yds. structure excavation without classification; 23,000 tons gravel or stone (surfacing); 97,000 tons miles haul gravel or stone; 15 cu. yds. Class A cem. conc. (structures); 7 hundred-weight bar rein. steel in place (structures); 156 lin. ft. 12-in., 300 lin. ft. pipe; 41 monuments. Commission to fur. corr. metal pipe.

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Chicago	Indianapolis	Milwaukee		Salt Lake City	Washington, D. C.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1163	Costello	Owner	5000
1164	Tunnichliff	Gillett	3500
1165	Williams	Owner	7000
1166	Hinkel	Owner	6000
1167	Mohler	Owner	3000
1168	Meyer	Owner	3000
1169	Eisenhut	Owner	3000
1170	Sutro	Arnott	15800
1171	Same	Same	31600
1172	Gonzalez	Carlson	10000
1173	Holmes	Owner	10000
1174	Pfaffler	Kronquist	3500
1175	Iza Societe	Smith	1986
1176	Hansen	Owner	18000
1177	Cornell	Stemuel	5000
1178	Judnich	Kambic	6000
1179	Wood	Evans	7000
1180	Lynch	Roth	4000
1181	Stempel	Stempel	9000
1182	Olmo	Owner	3800
1183	Young	Trebino	6000
1184	Silverlein	Saari	3750
1185	Cerruti	Owner	3200
1186	Toy	Klimm	4469
1187	Lapham	Owner	3500
1188	City	Federal	1000
1189	Cherin	Co-operative	4705
1190	Cherin	Co-operative	2673
1191	Forderer	Owner	40000
1192	Holthe	Owner	6500
1193	Oyen	Owner	25000
1194	Svenson	Owner	2700
1195	Ruggles	Petersen	4000
1196	Heilman	Owner	7000
1197	Riordan	Diston	—
1198	Egan	Owner	1000
1199	Wilbeck	Owner	3000
1200	Davenport	Papenhausen	5000
1201	Demartini	Wengard	18270
1202	Torre	Wengard	18270
1203	Cox	Owner	5000
1204	Miller	Moore	6000
1205	Varney	Owner	4000
1206	Miller	Moore	6000
1207	Willis	Lambert	1500
1208	Manderin	Federal	1000
1209	Reichleu	Huber	3450
1210	Dahla	Owner	3900
1211	Starr	Jensen	1200

1212	Lawlor	Christiansen	7000
1213	Wagon	Owner	75000
1214	Olson	Owner	10500
1215	Alban	Parker	9000
1216	Romeo	Paratore	15000
1217	Wood	Evans	13270
1218	Backman	Owner	4000
1219	Feld	Field	6000
1220	Kelley	Owner	6000
1221	Lamb	Johnson	4000
1222	Barbieri	Cumes	7000
1223	Hayden	Spargo	6800
1224	Allen	Meyer	5000
1225	Wissman	Meyer	3500
1226	Lamb	Johnson	12000
1227	Lang	Owner	4900
1228	Bell	Owner	7000
1229	Fritsch	Johnson	400
1230	Samuels	Owner	4500
1231	Laude	Rossi	3000
1232	Stern	Kragen	1000
1233	Tomei	Magill	29000
1234	Cushing	Kelly	15500
1235	Nelson	Peterson	15000
1236	Pacific	Reha	2170
1237	Pacific	Forber	12450
1238	Arata	De Martin	12900
1239	Folnei	Magill	29000
1240	Louis	Fetz	4000
1241	Gamma	Mangels	1800
1242	Richardson	Owner	5000
1243	Eggers	Johnson	7000
1244	Busalashi	Filippis	5000
1245	Reed	Owner	3800
1246	Janssen	Owner	4000
1247	Breckell	LaTorres	2460
1248	Brooke	Moore	18500
1249	Mission	Owner	10000
1250	Johnson	Lindgren	10000
1251	Helbing	Helbing	15000
1252	Lindeman	Owner	9500

FLATS

(4163) E THIRTY-THIRD AVE 175 S Balboa. Two-story and basement frame (2) flats.
Owner—William Costello, 758 29th Ave., San Francisco.
Architect—None. \$5000

MARKET

(4164) S GENEVA 100 W Naples. One-story frame market.
Owner—Robt. Tunnichliff, 420 Fair Oaks St., San Francisco.
Architect—R. W. Gillett, 375 Staples Ave., San Francisco.
Contractor—R. W. Gillett, 375 Staples Ave., San Francisco. \$3500

FLATS

(4165) W SCOTT 200 N Francisco. Two-story and basement frame (2) flats.
Owner—Williams & Wood, 405 Mills Bldg., San Francisco.
Architect—None. \$7000

DWELLINGS

(4166) W FAXON AVE 250 and 275 N Grafton. Two one-story and basement frame dwellings.
Owner—Hinkel Bros., 1204 Castro St., San Francisco.
Architect—None. \$3000 each

DWELLING

(4167) W TWENTY-EIGHTH AVE 292 N Cabrillo. Two-story and basement frame dwelling.
Owner—T. E. Mohler, 751 28th Ave., San Francisco.
Architect—None. \$3000

DWELLING

(4168) E AVILLA 50 S Alhambra Blvd. One-story and basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$3000

DWELLING

(4169) NO 361 RAYMOND AVE. One-story and basement frame dwlg.
Owner—Chris. Eisenhut, 359 Raymond Ave., San Francisco.
Architect—None. \$3900

DWELLINGS

(4170) W FORTY-EIGHTH AVE 300, 325, 350 and 375 S Lincoln Way. Four one-story and basement frame dwellings.
Owner—Adolph G. Sutro, 1199 Stanyan St., San Francisco.
Architect—W. C. Falch, Hearst Bldg., San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, S. F. \$3950 ea

DWELLINGS

(4171) E LA PLAYA 200, 225, 250, 275, 300, 325, 350 and 375 S Lincoln Way. Eight one-story and basement frame dwellings.
Owner—Adolph G. Sutro, 1199 Stanyan St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Architect—W. C. Falch, Hearst Bldg., San Francisco.
Contractor—James Arnold & Son, 245 Grandview Way, S. F. \$2950 ea.

FLATS
(4172) W CHURCH 72 S Jersey. Two-story and basement frame (4) flats.
Owner—Candida Gonzalez, 1367 Church St., San Francisco.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco. \$19,000

BUNKERS, ETC.
(4173) B-H-13-10 and DIVISION STS. Three-story frame sand bunkers and plaster tank tower.
Owner—Holmes Lime & Cement Co., 125 Kearny St., San Francisco.
Architect—W. H. Grim Jr., 125 Kearny St., San Francisco. \$10,000

DWELLING
(4174) S RICHLAND 250 E Murray. 1-story and basement frame dwlg.
Owner—H. L. Pfeiffer, Contractor.
Architect and Contractor—Alfred J. Kronquist, 725 Elizabeth St., S. F. \$2500

PAINTING
(4175) NE ANZA and Sixth Ave. N 600 & E 240. All work for painting of exterior metal and wood work of French Hospital.
Owner—La Societe Francaise de Benefaisance Mutuelle, Premises.
Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—J. Z. Smith, 180 Jessie St., San Francisco.
Filed Oct. 2, 1924. Dated Sept. 12, 1924.
1st coat on roof and exterior metal and wood work 75
Completed and accepted \$1700
Usual 35 days 2000
TOTAL COST, \$3700
Bond, \$2493. Sureties—Fidelity & Casualty Co., forfeit, none. Limit, as rapidly as possible. Plans and specifications filed.

DWELLINGS
(4176) NW CAPISTRANO and SAN Juan. W Capistrano 25.50 N San Juan; E Capistrano 25 S San Juan and E Capistrano 253 and 278 SS Santa Rosa. Six one-story and basement frame dwellings.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. \$3000 each

DWELLING
(4177) S MARINA BLVD 194-68 W Alhambra Blvd. Two-story and basement frame dwelling.
Owner—Mrs. Cornell, 5331 Geary St., San Francisco.
Architect—Edwin J. Symmes, 1st Nat'l Bank Bldg., San Francisco.
Contractor—Stempel & Cooley, 5331 Geary St., San Francisco. \$5000

DWELLINGS
(4178) W SAN BRUNO 100 and 125 N Mariposa. Two one-story and basement frame dwellings.
Owner—A. J. Judnich Jr., 2136 18th St., San Francisco.
Architect—Chas. R. Strothoff, 2274 15th St., San Francisco.
Contractor—John Kambie, 530 San Bruno Ave., S. F. \$3000 each

FLATS
(4179) S CHESTNUT 100 W Franklin. Two-story and basement frame (2) flats.
Owner—Estella Woolf, Premises.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco.
Contractor—Evans & Co., 359 Pacific Bldg., San Francisco. \$7000

DWELLING
(4180) W TWENTIETH AVE 250 S Lawton. One-story and basement frame dwelling.
Owner—Robert Lynch and Herbert Roth, 117 Sheridan Ave., Piedmont.
Architect—Irving C. Roth, 447 Broderick St., San Francisco.
Contractor—Irving C. Roth, 447 Broderick St., San Francisco. \$4000

APARTMENTS
(4181) S LINCOLN WAY 57-6 W Sixth Ave. Two-story and basement frame (4) apartments.

Owner—Mrs. Edna B. Stempel and Bessie Cooley, 5331 Geary St., S. F.
Architect—None.
Contractor—Stempel & Cooley, 5331 Geary St., San Francisco. \$9000

DWELLING
(4182) E ALEMANY 75 S Theresa. One-story and basement frame dwelling.
Owner—Frank Olmo Co., 2375 Mission St., San Francisco.
Architect—None. \$3800

DWELLING
(4183) E FORTY-THIRD AVE 125 S Judah. Two-story and basement frame dwelling.
Owner—Alec M. and Johanna S. Young, 1322 42nd Ave., S. F.
Architect—L. Trebino & Son, 101 Wool St., San Francisco.
Contractor—Trebinio & Haxton, 101 Wool St., San Francisco. \$6000

DWELLING
(4184) N SILVER AVE — E Merrill. One-story and basement frame dwelling.
Owner—L. Silverlein, 2471 San Bruno Ave., San Francisco.
Architect—None.
Contractor—S. Saari, 200 Fulton St., San Francisco. \$3750

ALTERATIONS
(4185) NW COLUMBUS & LOMBARD. New show windows; rearrange partitions, etc., for restaurant and hotel.
Owner—Edw. Cerruti, 901 Columbus Ave., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco. \$2200

ALTERATIONS
(4186) NW POWELL and O'FARRELL. Remove partitions in 12 closets and add 6 baths.
Owner—Harvey M. Toy (Manx Hotel), Premises.
Architect—None.
Contractor—Frank J. Klimm Co., 456 Ellis St., San Francisco. \$4469

DWELLING
(4187) W FORTY-SEVENTH AVE. 210 S Cabrillo. 1-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None. \$3500

SHIN
(4188) 4545 GEARY ST. Erect electric sign.
Owner—City Coal Co., 100 Brannan St., San Francisco.
Architect—None.
Contractor—Federal Electric Co., 91 New Montgomery St., S. F. \$1000

STORE
(4189) E VALENCIA 60 S 18TH. 20 x 80. All work for 2-story and basement bldg., store.
Owner—Mr. and Mrs. Henry Cherin, 717 Valencia St., S. F.
Architect—None.
Contractor—Co-operative Builders, 625 Market St., S. F.
Filed Oct. 3, 1924. Dated Oct. 3, 1924.
Enclosed \$1176.25
Brown coated 1176.25
Completed and accepted 1176.25
Usual 35 days 1176.25
TOTAL COST, \$4705
Bond, none. Sureties—T. A. Sourich and Pledges, 1733 Palou Ave. Forfeit, limit, none. Plans and specifications not filed.

ALTERATIONS
(4190) 717 VALENCIA ST. All work for remodeling bldg.
Owner—M. and Mrs. Cherin, 717 Valencia St., S. F.
Architect—None.
Contractor—Co-operative Builders.
Filed Oct. 3, 1924. Dated Oct. 3, 1924.
Front remodeled and plastered. \$669
Painting and papering done 668
Completed and accepted 668
Usual 35 days 668
TOTAL COST, \$2673

Bond, sureties, forfeit, limit, none. Plans and specifications filed.

FACTORY
(4191) W POTRERO AVE 125 N 16th. Two-story concrete factory.
Owner—Porderer Concrete Works, 16th and Potrero Ave., San Francisco.
Plans by Owner. \$40,000

FLATS
(4192) W FUNSTON AVE 270-8 S Irving. Two-story and basement frame (2) flats.
Owner—G. Holthe and H. Borg, 1939 Folsom St., San Francisco.
Architect—None. \$6500

APARTMENTS
(4193) NE FULTON & TWENTIETH AVE. Three-story and basement frame (10) apartments.
Owner—O. M. Oyen, 67 Carmel St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$25,000

DWELLING
(4194) N GRAFTON AVE 50 E Miramar. One-story and basement frame dwelling.
Owner—Otto T. Svenson, 366 Clementia St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. \$2700

DWELLING
(4195) S WINFIELD AVE 102 W Coso. One-story and basement frame dwelling.
Owner—D. W. Ruggles, 2591 Sutter St., San Francisco.
Architect—None.
Contractor—W. C. Peterson, 2591 Sutter St., San Francisco. \$4000

REPAIRS
(4196) NO 100 GOLDEN GATE AVE. Repair fire damage to autosales building.
Owner—Lobk Heilmann, 645 Bush St., Apt. 101, San Francisco.
Architect—None. \$7000

REPAIRS
(4197) W TENNESSEE 100 S 19th. Repair fire damage to warehouse.
Owner—Riordan Investment Co., Trust & Savings Bank Bldg., Los Angeles.
Architect—None.
Contractor—A. D. Disston, Hearst Bldg., San Francisco. \$—

ADDITION
(4198) NO. 1251 THIRTY-SECOND AVE. Add one-room to dwelling.
Owner—Frank J. Egan, Premises.
Architect—None. \$1000

DWELLING
(4199) N FLORENTINE 150 W Morse. One-story and basement frame dwelling.
Owner—Geo. W. Witbeck, 3066 22nd St., San Francisco.
Architect—None. \$3000

DWELLING
(4200) W CASTENADA 422 S Alton. One-story and basement frame dwelling.
Owner—Mr. and Mrs. W. R. Davenport.
Architect—Masten & Hurd, 273 Post St., San Francisco.
Contractor—H. Papenhause, 532 3rd Ave., San Francisco. \$5000

FRAME BLDG.
(4201) E LEAVENWORTH 75 S Greenwich S 37-6x E 100. All work except cement floors, lighting fixtures shades and heating system for two-story and basement frame building.
Owner—Paul Demartini, 2227 Taylor St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—C. Wengard, 1286 34th Ave., San Francisco.
Filed Oct. 4, '24. Dated Aug. 27, '24.
Roof on \$4365
Brown coated 4365
Completed and accepted 4570
Usual 35 days 4570
TOTAL COST, \$18,270

Bond, \$9140. Sureties, Emil Nelson and B. Milano. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(4202) E LEAVENWORTH 37-6 S Greenwich S 37-6x E 100. All work except cement floors, lighting fixtures, shades and heating system for two-story and basement frame residence.
Owner—Phillip Torre, 2338 Taylor St., San Francisco.
Architect—None.
Contractor—C. Wengard, 1286 34th Ave., San Francisco.

PLUMBING, ETC.
(4236) NE KEITH AND DONNER
Ave. N 100 x E 300. All work
rough and finish plumbing and gas
and water piping for 1-story re-
inforced concrete and frame bldg.
Owner—Pacific Electric Mfg. Co., 827
Folsom St., S. F.
Architect—George H. Wiemeyer, 57
Post St., S. F.
Contractor—George Rehn, 1979 Mission
St., S. F.

Filed Oct. 7, 1924. Dated Oct. 2, 1924.

Rouging in completed	\$1000.00
Completed and accepted	627.50
Usual 35 days	542.50
TOTAL COST, \$2170	

Bond, \$1085. Sureties, R. H. O. Bohr
and Geo. H. Pecht. Forfeit, none. Limit
120 days after Sept. 29, 1924. Plans
and specifications filed.

RENOVATION, CONCRETE
Footings, piers, floors, anchors and bolts on above.
Contractor—R. J. H. Forbes, Monadnock Bldg., S. F.
Filed Oct. 7, 1924. Dated Sept. 29, 1924.
Walls 12 ft. above bottom wall.
Footings \$1000.00
Walls and piers poured 3000.00
Completed and accepted 2357.00
Usual 35 days 3112.50
TOTAL COST, \$12,150

Bond, \$6225. Sureties, Minnie Forbes and John Cassarotto. Forfeit, none. Limit, 60 days. Plans and specifications filed.

FRAME BLDG.
(4238) S TWENTY-FOURTH 49 W Chattanooga W 30' x S 64'. All work for 2-story and basement frame building.
Owner—Joseph Arata.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—Joe Cuneo and F. DeMarino.
Filed Oct. 7, 1924. Dated Sept. 18, 1924.
Enclosed and roof on \$3225
Brown coated 3225
Completed and accepted 3225
Usual 35 days 3225
TOTAL COST, \$12,300

Bond, \$2000. Sureties, F. DeMarino and L. Bacigalupi. Forfeit, none. Limit 100 days after Sept. 22, 1924. Plans and specifications not filed.

APARTMENTS
(4239) SW POWELL AND UNION Streets, 2-story & basement frame (7) apartments.
Owner—E. Tomel, 185 19th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 185 19th Ave., San Francisco. \$29,000

DWELLING
(4240) N RAYMOND AVE 125 E Alpha One-story and basement frame dwelling.
Owner—Chas. A. Louis, 9 Leland Ave., San Francisco.
Architect—S. H. Hansen, 4917 Third St., San Francisco.
Contractor—Philip Petz, 460 White Ave., San Francisco. \$4000

ALTERATIONS
(4241) W SANCHEZ 100 S Twenty-second. Remodel residence for (2) flats.
Owner—Mrs. T. Gamma, 914 Sanchez St., San Francisco.
Architect—Theo. Lenzen, Humboldt Bk. Bldg., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. \$1800

STORES
(4242) NW CORTLAND AVE AND Wool. One-story frame stores.
Owner—W. J. Richardson, 2033 Howard St., San Francisco. \$5000
Architect—None.

DWELLING
(4243) E THIRTIETH AVE 90 N Irving. One-story and basement frame dwelling.
Owner—Herman C. Eggers, 612 12th Ave., San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco. \$7000

DWELLING
(4244) E AUGUSTA 62 S Union. One-story and basement frame dwlg.
Owner—C. Busalashi, 890 Greenwich St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—V. Filippis, 1527 Filbert St., San Francisco. \$5000

DWELLING
(4245) W THIRTY-NINTH AVE 130 N Fulton. One-story and basement frame dwelling.
Owner—F. Carroll Reed, 683 7th Ave., San Francisco. \$3800
Plans by Owner.

DWELLING
(4246) N BALBOA 82-6 E Twenty-ninth. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco. \$4000
Architect—None.

RESIDENCE
(4247) LOT 11 BLK 1326 Sub. 3. Separate clustering and floor plan for two-story and basement frame residence.
Owner—Howard Brickell, Stanford Court Apts., San Francisco.
Architect—R. E. Miller & T. L. Milberger, 213 Lick Bldg., S. F.
Contractor—La Torres & Kiesel.
Filed Oct. 8, '24. Dated Sept. 30, '24.
On 5th of each month \$2500
Usual 35 days, 1924 2500
TOTAL COST, \$2500

Bond, \$1230. Surety, F. A. Brockhaug. Limit, as soon as needed. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(4248) 2518 PACIFIC AVE. Alterations and addition for residence.
Owner—Mrs. Cecile M. Brooke, premises.
Architect—Nathaniel Baisdel, 253 California St., S. F.
Contractor—Moore & Madsen, 77 O'Farrell St., S. F. \$18,000

FLATS
(4249) S FOURTEENTH 100 W Hammond. 2-story and basement frame (1) flats.
Owner—Harrison Realty Co., 2008 Mission St., S. F.
Architect—A. J. Horsmann, 110 Sutter St., S. F. \$10,000

GARAGE
(4250) NE CLAY AND JONES STS. 1-story class A private garage.
Owner—Wm. F. Johnson, Clay and Jones Sts., S. F.
Architect—L. G. Mc Dougall, 333 Sacramento St., S. F.
Contractor—Lindgren & Swinerton, Inc., 622 Standard Oil Bldg., S. F. \$10,000

APARTMENTS
(4251) S CHESTNUT 169 E Van Ness Ave. 3-story and basement frame (16) apartments.
Owner—Wm. Helbing, 1332 Lombard St., S. F.
Architect and Contractor—The Helbing Co., 1332 Lombard St., S. F. \$15,000

FLATS
(4252) E TWENTY-THIRD AVE. 375 N Geary. 2-story and basement frame (2) flats.
Owner—H. O. Ludeman, 610 27th Ave., San Francisco. \$9500
Architect—None.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded. Accepted
Oct. 1, 1924—W THIRTY-EIGHTH AVE 50 N Cabrillo N 25x90' C F Dempsey to whom it may concern. Sept. 27, 1924
Oct. 1, 1924—E TWENTIETH AVE 243.83 and 368.83 S Rivera S 25x120 each, Monroe R Schwartz and Grover C George to whom it may concern. Oct. 1, 1924
Oct. 1, 1924—LOT 15 BLK N Map Sub. Ppty Mission St. Land Co. Homestead Realty Co to whom it may concern. Sept. 30, 1924
Oct. 1, 1924—E LEXINGTON AVE 135 N 18th N 25x80. Philippe Saure to M E Greene. Sept. 30, 1924
Oct. 1, 1924—E BRIGHTON AVE 100 S Grafton Ave S 25x120-25' Lot 23 E H. I. Lakeview. The McCarthy Co to James Arnott & Son. Sept. 29, 1924
Oct. 1, 1924—SE THIRTY-FIFTH AVE and Anna S 25x100. Charles J Brady to John Miller. Sept. 24, 1924
Oct. 1, 1924—N FULTON 60 W 20th Ave W 30xN 100. Anna G Wold to whom it may concern. Oct. 1, 1924
Oct. 1, 1924—LOT 6 BLK 3080 Map Blks 3080 to 3085; Lot 16 BLK 3083 Map Blks 3080 to 3085, Westwood Highlands. Hans and Esther E Nelson to whom it may concern. Sept. 29, 1924
Oct. 1, 1924—NE BUSH AND GRANT AVE 60 on Bush by N 77-6. The Mandarin to Barrett & Hilp. Sept. 29, 1924
Oct. 1, 1924—NW PORTOLA DRIVE and NE line Lot 12 Blk 2989B NE 50 NW 103.492 SW 50 SE 109.631 Lot 11 Blk 2989B Map West Park. Edw E Mohr to Jam. Ar. Ar. nott & Son. Sept. 24, 1924

Oct. 2, 1924—W PORTOLA DRIVE 100-1112 S Vicente W 91-14x 8-90 E 34-112 N 50-01 Lot 3 BLK 2989A West Portola Park. Emily Nasser to Meyer Bros. Oct. 1, 1924
Oct. 2, 1924—NW HOWARD AND Tenth N 10xW 40x120 W Cordes to G P W Jensen. Oct. 1, 1924
Oct. 2, 1924—W THIRTY-FIFTH AVE 175 N Geary N 25xW 120. Rose Lappan to Meyer Bros. Sept. 30, 1924
Oct. 2, 1924—W CONCORD 175-13x N Morse N 25-13x W 90-120 Sub. Morgan to whom it may concern. Oct. 1, 1924
Oct. 2, 1924—LOTS 2 AND 21 BLK 29. Amended Map Inglefield Terrace. Gordon W. and Louis Morris to whom it may concern. Sept. 22, '24
Oct. 2, 1924—W THIRTY-FIFTH AVE 175 N Geary N 25xW 120. Rose Lappan to Meyer Bros. Sept. 30, '24
Oct. 2, 1924—SE HIGHTEN 375-13x from Morse No. 25 Florentine. George W Witbeck to whom it may concern. Oct. 2, 1924
Oct. 2, 1924—W THIRTY-FIFTH AVE 125-59 N Cabrillo N 25-9 W 120 S 25-4 E to beg. F A Gawthorne to whom it may concern. Oct. 1, 1924
Oct. 2, 1924—E DIANA 25 S Staples Ave S 25xW 100 Lot 14 John to James Arnott & Son. Sept. 24, 1924
Oct. 2, 1924—S MONTEPEY BLVD and E Commercial E 56-118x 125. Moneta Invest Co to Galilee Bros. Sept. 24, 1924
Oct. 2, 1924—LOT 4 BLK 17. Amended Map Inglefield Terrace. Gordon W. and Louis Morris to whom it may concern. Sept. 22, 1924
Oct. 2, 1924—W CONCORD 175-13x Morse S 25-04 W 30 S 25-4 E 90. Patrick Morgan to whom it may concern. Oct. 1, 1924
Oct. 2, 1924—W BRIGHTON AVE 100 S Grafton Ave S 25xW 112-6 Lot 35 Blk 6, Lakeview. The McCarthy Co to James Arnott & Son. Sept. 24, 1924
Oct. 2, 1924—E CALIFORNIA 32-6 E 23rd Ave E 25x100 John V Stiefel to whom it may concern. Sept. 30, '24
Oct. 2, 1924—W THIRTY-EIGHTH AVE 151-6 N Cabrillo N 25-9 W 120 S 25-9 E to beg. F A Gawthorne to whom it may concern. Oct. 1, 1924
Oct. 2, 1924—NO. 1207-1209 STEVENSON running through to Colton and aldy Colton 99 to Brady th 38 on Brady W 52xN 89. Geo Neuber to L Vannucci Bros. Oct. 1, 1924
Oct. 2, 1924—S ANZA 27-6 E 41st Ave 27-6x100. F Carroll Reed to whom it may concern. Oct. 1, 1924
Oct. 2, 1924—W DEWEY BLVD 270 W Pacheco. No 530 Dewey Blvd. Alice M Field to whom it may concern. Oct. 1, 1924
Oct. 2, 1924—E TWENTY-SECOND AVE 6-8 S Taraval S 33-8x20 W Twenty-third Ave 250 and 275 S Taraval S 25x120 each. Parkside Realty Co of S. F. to whom it may concern. Oct. 2, 1924
Oct. 2, 1924—E POLK 60 Lombard 27-6x65-6. Madeline and Guido Moriconi to Guido Moriconi. Oct. 2, 1924
Oct. 2, 1924—N SEVENTH 150 W Cleveland 25x100 with 25x50 to Cleveland. Jos Laib Jr to Buschke & Brown. Sept. 26, 1924
Oct. 2, 1924—S FARNESWORTH Lane 30.15 E Byfield. Anne S. Hughes to Louis Johnson. Oct. 2, 1924
Oct. 3, 1924—E FORTIETH AVE 100 N Fulton N 25x120. David Leigh to whom it may concern. Oct. 2, 1924
Oct. 3, 1924—N BIRCH AVE 125-5 N Cabrillo N 26 W 115 E 28-03 E 115-04. James J and Mary E Farrell to C T Magell. Oct. 2, 1924
Oct. 3, 1924—SW MONTGOMERY & Jackson S 72-6x107-6. J Demickeli to G B Pasqualetti. Oct. 3, 1924
Oct. 3, 1924—W OCTAVIA 84 S Jackson S 11xW Octavia W 43-84 x W 100. Frederick R. Grannis to whom it may concern. Oct. 3, 1924
Oct. 3, 1924—SE SAN JOSE AVE. 187-14x SW 29-6 SW 25 SE 151-4x NE 25-5x NW 156-2x 1/2. J. W. Mogley to whom it may concern. Oct. 1, 1924
Oct. 1, 1924—E DIVISADERO 67-6 S Chestnut 25 x 82-6. S. Steinauer to whom it may concern. Oct. 3, 1924
Oct. 3, 1924—E DIVISADERO 112-6 S Chestnut 25 x 112-6. S. Steinauer

Oct 3, 1924 E W SAN JUAN BLVD
E 1/2 S 1/2 Sec 34 T24N R10E
A W 90 168, 2130 and 2452 San
Juan Ave Pioneer Plats and
Bridges Glass Co vs Rural Trans-
portation Co \$75.00

Oct 6, 1924 SE BUSH AND BAKER
60 on Baker and frontage of 25
on Bush 2.00 Bush St Pioneer
Plats and Bridges Glass Co vs
E. Marcelli \$52.10

Oct 8, 1924 E NINETEENTH AVE
1 on S. Corbett S 2436 120 E E Gil-
bert Ave Pioneer Plats and
Bridges Glass Co vs Rural Trans-
portation Co \$82.51

Oct 9, 1924 NE 13TH LINE VIERGA
8 on 13th line NE 1st ad 8
8 and 2 Elk 22 line NE ad 8
dividing line 115.2 SE 1/2 SW 1/4
NW 1/4 14th Line 2 Elk 22
dividing line 115.2 2 Elk 22
Smith vs Daisy C. Scott \$176.10

Sept 30, 1924 E BRIGHT 365 S
Lawson S 100 x E 100 John Gas-
sner vs Zachary D. McManis
and J. C. Harris \$813.64

Oct. 7, 1924—W. MONTGOMERY
34-13 $\frac{1}{2}$ N Sutter N 68-2xW 60. Wm
J Regan et al as to improvements
on poultry

Recorded	Amount
Oct. 5, 1921 E. TWENTY-SIXTH Ave	175 N. Union N 25XE 120.
Nelson to John and Rose Lepetich	
Oct. 5, 1921 E. TWENTY-SIXTH Ave	175 N. Union N 25XE 120.
W. Eighth Ave W 25AS 100.	Friedman Bros to Constantine Tumbakias
and Interstate Casualty Co.,	
Oct. 5, 1921 E. TWENTY-SIXTH Ave	175 N. Union N 25XE 120.
W 21XX 150.	Gunn, Carle & Co.
Joost Bros, T. I. Butler Co., MacDon-	
ald and Lumber Co., Steelform Contract-	
ing Co., and J. P. W. Co.	
Oct. 7, 1921 S. STEVENSON 275 W.	Sixth W 25AS 75.
Reinhart Lumber	
& Paving Mill Co., J. S. Guern-	
sey Co., J. H. Bierig & Sons, and	
and Weinstein Co.	

ALAMEDA COUNTY

1973	Owner	Contributor	
1973	Reichel	Willford	720
1974	Hoelbrecker	Gianonni	400
1975	Noble	Owner	400
1976	Smith	Barker	140
1977	Plumb	Barker	115
1978		Lee	500
1979	Enchinal	Owner	150
1980	Halaski	Roth	100
1981	Dexter	Dexter	600
1982	Stuebe	Landberg	100
1983	Haney	Owner	750
1984	Wilson	Siegrist	650
1985	Todhunter	Charleston	1800
1986	Williams	Owner	600
1987	Woyt	Butzbach	450
1988	Dolan	Owner	620
1989	Kleeman	Graff	750
1990	Yeomans	Owner	420
1991	Scharif	Jessiman	400
1992	Kraebe	Knigh	450
1993	Woodburn	Owner	500
1994	Davis	Adamski	300
1995	May	Power	600
1996	Smith	Owner	250
1997	Hennings	Owner	280
1998	Gustafson	Owner	400
1999	Jacobs	Owner	395
2000	Stroud	Pearson	1040
2001	Rasmussen	Leiter	2470
2002	Livingston	Owner	1300
2003	Pollard	Owner	900
2004	Bouquet	McKibben	310
2005	Roderick	Owner	200
2006	Glover	Owner	500
2007	Gurns	Knigh	3700
2008	Larsen	Owner	1100
2009	Kurkjian	Owner	1100
2010	Miller	Miller	200
2011	Jackson	Dolan	630
2012	Wright	Owner	840
2013	Buscche	Thiele	100
2014	Codde	Peters	320
2015	Boechio	Owner	120
2016	Hill	Owner	310
2017	Mooney	Owner	200
2018	Castelliotti	Owner	200

No.	Owner	Contractor	Am't	DWELLINGS	Architect—None.
5219	Lloyd	Owner	5000	(5173) 3104 & 3106 ADAMS STREET.	Contractor—C. E. Charleston 5627 Genoa St., Oakland. \$18,000
5220	Coffey	Owner	3250	Alameda. Two 1-story 5-rm dwellings.	
5221	Abacott	Owner	3050	Owner—Reichel & Bradhoff, Park St. and Eagle Ave., Alameda.	DWELLING
5222	Schwind	Owner	8400	Architect—None.	(5185) S KEITH AVE. 75 W Broadway, Oakland. 1-story 5-room dwlg
5223	Walkins	Owner	3000	Contractor — Howard Williford, 3237 Bayo Vista Ave., Alameda.	Owner—L. H. Williams, 1040 Keith Ave., Berkeley.
5224	Hordman	Owner	5500	\$3600 each	Architect—None. \$5000
5225	Agrella	Owner	4500		WAREHOUSE
5226	Bertolda	Owner	3000	REMODEL	(5187) W FORTY-FIFTH AVE. 180 S E-10th St., Oakland. 1-story warehouse.
5227	Legris	Owner	7600	(5174) 1806 CENTRAL AVE, Alameda	Owner—Hoyt Heater Co., 44th Ave. and E-10th St., Oakland.
5228	Stolte	Owner	1500	Remodel dwelling.	Architect—None.
5229	Dillas	Owner	3800	Owner—John Hobbrecker, 1325 So. 1st St., Alhambra, Cal.	Contractor — G. H. Butzbach & Son, 8030 E-14th St., Oakland. \$1850
5230	Rogers	Owner	4900	Architect—None.	
5231	Taylor	Owner	10500	Contractor—S. Giannoni, 1806 Central Ave., Alameda. \$4000	DWELLING
5232	Stoll	Owner	7344	(5175) 2713 CALHOUN ST., Alameda.	(5188) 1108 MANDANA BLVD., Oakland. 1-story 6-room dwelling and garage.
5233	Elliott	Owner	3000	1-story 6-room dwelling.	Owner—Leo J. Dolan, 423 Alameda Title Ins. Bldg., Oakland.
5234	Yerxa	Owner	250000	Architect—None.	Architect—None. \$6200
5235	Sayre	Maurer	10950	Contractor—Barker & Kendell, 1224 Chestnut St., Alameda. \$1400	ALTERATIONS ETC.
5236	Fenton	Frostholm	7925	REMODEL	(5189) 765 GRAND AVE., Oakland.
5237	Waldron	Trow	25124	(5177) 2117 SANTA CLARA AVENUE, Alameda. Remodeling dwelling.	Alterations and additions.
5238	Ackerman	Westlund	2000	Owner—J. T. Plumb, 2117 Santa Clara Ave., Alameda.	Owner—G. E. Kleeman, Blake Bldg., Oakland.
5239	Pfrang	Owner	2000	Architect—None.	Architect—None.
5240	McGinness	Owner	4500	ADDITION	Contractor — Graff-Winlund Co., 1761 Franklin St., Oakland. \$7500
5241	Maylor	Hendrickson	1600	(5176) 1523 LAFAYETTE ST., Alameda. Addition.	DWELLING
5242	Kidward	Owner	4500	Owner—John Smith, 1523 Lafayette St Alameda.	(5190) S HOPKINS ST. 70 E Maybelle Ave., Oakland. 1-story 6-room dwelling.
5243	Hyde	Hanford	3000	Architect—None.	Owner—R. E. Yeomans, 3604 High St., Oakland.
5244	Gantz	Owner	3000	Contractor — Barker & Kendell, 1224 Chestnut St., Alameda. \$1150	Architect—None. \$4200
5245	Graham	Owner	4000	DWELLING	
5246	Lapier	Owner	4000	(5178) 3272 THOMPSON AVE., Alameda. 1-story 6-room dwelling.	DWELLING
5247	MacLeod	Sattin	8450	Owner—Mrs. L. A. Lee, 1801 Lafayette St., Alameda.	(5191) N FAIRBANKS AVE. 154 W Kenmore Ave., Oakland. 1-story 5-room dwelling.
5248	Sayer	Maurer	7594	Architect—None.	Owner—J. C. Schaff, Pacific Builders San Francisco.
5249	Watkins	Owner	3500	Contractor—Sam Lee, 1801 Lafayette St Alameda. \$5000	Architect—None.
5250	Lowman	Jacobson	4000	ADDITION	Contractor—J. W. Jessiman, 230 7th Ave., San Francisco. \$4500
5251	Kingsley	Owner	4000	(5179) SOUTH END GRAND STREET, Alameda. Addition to club house.	GARAGE
5252	Burris	Johnson	11500	Owner—Encinal Yacht Club, So. End Grand St., Alameda.	(5192) W WARFIELD AVE. 125 S Prince St., Oakland. 1-story garage
5253	Reid	Foreman	2500	Architect—None.	Owner—Mrs. D. Graebe, 1426 Franklin St., Oakland.
5254	Rexford	Stade	1600	Contractor—Conrad Roth, Dublin Blvd. Oakland \$1000	Architect—None.
5255	Rogosick	Owner	9800	GARAGE	Contractor — Harry C. Knight, 1426 Franklin St., Oakland. \$1000
5256	Frederickson	Owner	5100	(5180) 1324 PARK STREET, Alameda	DWELLING
5257	Selman	California	14000	Owner—L. Kaliski, 1301 Regent Street, Alameda.	(5193) 1340 EL CENTRO AVENUE, Oakland. 1-story 6-room dwelling.
5258	Highman	Selman	12000	Architect—None.	Owner — P. E. Woodburn, 624 Prospect Ave., Oakland. \$5000
5259	Roletto	Burritt	6200	Contractor—None.	DWELLING
5261	Daneke	Beadell	6300	Contractor—A. Lindberg, 843 Talbot St., Berkeley. \$1500	(5194) WHIGH ST. 70 N Hopkins St., Oakland. 1-story 4-room dwelling.
5262	Prappier	Johanson	3700	Designer—W. Commary, Oakland.	Owner—Flora and Arthur Davis, 3401 35th Ave., Oakland.
5263	Marquis	Owner	3000	Contractor—A. Dexter, 839 55th St., Oakland. \$6000	Architect—None.
5264	Nordin	Owner	2000	ALTERATIONS	Contractor—W. Adamski, 3404 Maine St., Oakland. \$3000
5265	Belletto-poir	Owner	3500	(5182) NO. 95 PLAZA DRIVE, Berkeley	ALTERATIONS ETC.
5266	Kruger	Durgin	5100	Alterations.	(5195) 1225 SEVENTH ST., Oakland.
5267	Larmer	Owner	7000	Owner—F. E. Stone, Premises.	Alterations and repairs.
5268	Fisher	Owner	5500	Architect—None.	Owner — May Brothers, 1225 7th St., Oakland.
5269	Hammer	Stockholm	3500	Contractor—None.	Architect—None.
5270	Simonsen	Rockingham	7500	Contractor—Conrad Roth, Dublin Blvd. Oakland \$1000	Contractor—J. J. Power, 633 49th St., Oakland. \$6000
5271	Stickmest	Owner	7250	DWELLING	
5272	Shirar	Owens	5200	(5181) NO. 1360 HOPKINS, Berkeley.	DWELLING
5273	Muller	Owner	9500	Dwelling.	(5197) W EIGHTY-SIXTH AVE 200 N Birch St., Oakland. 1-story 4-room dwelling and garage.
5274	Wallace	Parker	10000	Owner—Mrs. Dexter, 835 55th St., Oakland.	Owner—F. H. Hennings, 1232 96th Ave., Oakland.
5275	Klein	Kram	2700	Designer—W. Commary, Oakland.	Architect—None. \$2625
5277	Lidell	Owner	4150	Contractor—A. Dexter, 839 55th St., Oakland. \$6000	DWELLING
5278	Stenbro	Owner	3000	ALTERATIONS	(5185) E INVO AVE. 125 S E-23rd St., Oakland. 1-story 5-room dwelling.
5279	Thomas	Owner	2500	(5182) NO. 95 PLAZA DRIVE, Berkeley	Owner—John A. Gustafson, 2209 Denison St., Oakland. \$4000
5280	George	Owner	3500	Alterations.	
5281	MacDonald	Owner	3500	Owner—F. E. Stone, Premises.	
5282	Mentz	Asumaa	6750	Architect—None.	
5283	Wittich	Critchett	2500	Contractor—A. Lindberg, 843 Talbot St., Berkeley. \$1500	
5284	Heaton	Owner	7750	STORAGE	
5286	Covey	Owner	3000	(5183) NO. 2030 BLAKE, Berkeley.	
5287	Anderson	Owner	3000	Ice storage.	
5288	Coutre	Owner	4000	Owner—H. Haney, 2036 Blake St., Berkeley.	
5289	Schurra	Ungaretti	3000	Architect—J. Kilgammuth 2416 Fulton St., Berkeley.	
5290	Kennedy	Owner	3150	Contractor—H. Haney, 2036 Blake St., Berkeley. \$7500	
5291	Speed	Owner	3250	DWELLING	
5292	Gomes	Griffith	5500	(5184) NO. 814 SAN MATEO ROAD, Berkeley. Dwelling.	
5293	Case	Owner	1800	Owner—C. Wilson, 1072 Alice St., Oakland.	
5294	Smith	Owner	3100	Architect—None.	
5295	Graham	Owner	3250	Contractor—F. Siegrist, 1508 Grove St., Berkeley. \$6500	
5296	Hinch	Milvain	29250	DWELLING	
5297	Adams	Stockholm	42330	(5185) NO. 814 SAN MATEO ROAD, Berkeley. Dwelling.	
5298	Benzman	Littfield	14077	Owner—C. Wilson, 1072 Alice St., Oakland.	
5299	White	Barton	18000	Architect—None.	
5300	Brown	Anderson	1000	Contractor—F. Siegrist, 1508 Grove St., Berkeley. \$6500	
5301	Campbell	Helm	3500	DWELLING	
5302	Fallano	Owner	1800	(5184) NO. 814 SAN MATEO ROAD, Berkeley. Dwelling.	
5303	Rice	Owner	1800	Owner—C. Wilson, 1072 Alice St., Oakland.	
5304	Gastman	Owner	1800	Architect—None.	
5305	Ross	Waldman	6000	Contractor—A. Lindberg, 843 Talbot St., Berkeley. \$1500	
5306	Low	Sheridan	1500	STORAGE	
5307	Koester	Owner	4000	(5183) NO. 2030 BLAKE, Berkeley.	
5308	Rollins	Owner	4000	Ice storage.	
5309	Mathewer	Mathewer	3000	Owner—H. Haney, 2036 Blake St., Berkeley.	
5310	Flittner	Owner	4300	Architect—J. Kilgammuth 2416 Fulton St., Berkeley.	
5311	Flittner	Owner	2650	Contractor—H. Haney, 2036 Blake St., Berkeley. \$7500	
5312	Grady	Polk	3350	DWELLING	
5313	Andrews	Buckland	3500	(5184) NO. 814 SAN MATEO ROAD, Berkeley. Dwelling.	
5314	Dougherty	Walker	4500	Owner—C. Wilson, 1072 Alice St., Oakland.	
5315	Mahoney	Owner	4000	Architect—None.	
5316	Flage	Owner	4000	Contractor—F. Siegrist, 1508 Grove St., Berkeley. \$6500	
5317	Dupy	Gass	4500	DWELLING	
5318	Spott	Owner	1000	(5184) NO. 814 SAN MATEO ROAD, Berkeley. Dwelling.	
5319	Pontes	Gass	5000	Owner—C. Wilson, 1072 Alice St., Oakland.	
5320	Woodburn	Owner	7000	Architect—None.	
5321	Campomenosi	Owner	4000	Contractor—F. Siegrist, 1508 Grove St., Berkeley. \$6500	
5322	Burrill	Brown	3600	DWELLING	
5323	Bylund	Owner	2800	(5185) NO. 814 SAN MATEO ROAD, Berkeley. Dwelling.	
5324	Airola	Burrill	6300	Owner—C. Wilson, 1072 Alice St., Oakland.	
5325	Duncan	Owner	2000	Architect—None.	
5326	U. S. Thrift	Kulchar	2000	Contractor—F. Siegrist, 1508 Grove St., Berkeley. \$6500	
5327	Art	Ferreira	12000	DWELLING	
5328	Johnston	Johnston	15000	(5185) N HILGIRT CIRCLE 150 E Wesley Ave., Oakland. 2-story 8-room dwelling.	
5329	Foulkes	Owner	25000	Owner—G. M. Todhunter, 1076 47th St., Oakland.	
5330	Fallino	Helms	15000		
5331	Clorax	Owner	15000		
5332	McKenzie	Dubnoff	5727		

DWELLING
(3429) N E-THIRTY-SECOND ST. 300
W Stuart St., Oakland 1-story 6-
room dwelling.
Owner—H. E. Jacobs, 311 1st Street,
Oakland.
Architect—K. E. Ponstorf, Oakland.
\$3950

RESIDENCE
(5200) 30 UPLANDS, CLAREMONT
Park, Berkeley. All work for 2-
story frame residence.
Owner—J. A. Stroud Jr., 60 The Up-
lands, Berkeley.
Architect—C. E. Fakin, 3934 Hilegass
Ave., Berkeley.
Contractor—Ben Pearson, 2103 Grant
St., Berkeley.
Filed Oct. 2, 1924. Dated July 28, 1924
Frame up 4
Plans sealed 4
Completed and accepted 4
Usual 35 days 4
TOTAL COST, \$10,442
Bond Forfeit, none; Limit, 30 working
days; Plans and specifications filed.
NOTE—Permit reported Aug. 7, 1924
No. 4983.

STABLE & GARAGE
(5201) LOTS 1 2 3 4 5 6 7 8 9 & 23
BLK 41 Map Kellersburgers map of
Oakland. All work for 1-story 2-
room class C reinforced concrete
stable and garage.
Owner—R. H. Rasmussen and J. C.
Svane (Sante Fe Express & Dray-
age Co.), 672 9th St., Oakland.
Architect—None.
Contractor—E. T. Leiter & Sons, 3601
West St., Oakland.
Filed Oct. 2, 1924. Dated March 14, 1923
Walls poured \$6700
Roof completed 6700
Completed and accepted 5125
Usual 35 days 6175
TOTAL COST, \$24,700
Bond, \$12,350; Sureties, Globe Indem-
nity Co.; Forfeit, none; Limit, 3 cal-
ender months after lot has been
cleared; Plans and specifications filed.

DWELLING
(5202) 637 VINCENTE, Berkeley.
Dwelling.
Owner—W. Livingston, 2412 Poplar St.,
Berkeley.
Architect—A. Schoening, Shattuck
Ave., Berkeley. \$4300

DWELLINGS
(5203) 1679 1651 1655 POSEN, Berke-
ley. 3 dwellings.
Owner—A. J. Pollard, 77 Plaza Drive,
Berkeley.
Architect—None. \$3000 each

DWELLING
(5204) 1220 NEILSON ST., Berkeley.
Dwelling.
Owner—J. Bouquet, 5542 Valla Vista,
Oakland.
Architect—None.
Contractor—C. H. McKibben, 2557
Grove St., Oakland. \$3100

DWELLING
(5205) NE COR. SEMINARY AVE. &
Eastland, Oakland 1-story 3-room
dwelling.
Owner—Edward Roderick, 1300 Semi-
nary Ave., Oakland.
Architect—None. \$2000

FLATS
(5206) SE COR. HAGEMAN & THIR-
ty-fifth Aves., Oakland 2-story 9-
room flats.
Owner—Carl and Katherine Glover,
2212 East 24th St., Oakland.
Architect—None. \$6000

APARTMENTS
(5207) 450 LEE STREET, Oakland. 3-
story 30-room apartments.
Owner—Mrs. M. E. Cairns, 1426 Frank-
lin St., Oakland.

Architect—None.
Contractor—Harry C. Knight, 1426
Franklin St., Oakland. \$7000

STORES
(5208) NE COR. KINGSLAND AND
Task St., Oakland 1-story store.
Owner—Fred Latsch, 3 Van Buren
Court, Oakland.
Architect—None. \$11,000

APARTMENTS
(5209) W ERIE ST. 100 S Prince St.
Oakland 2-story 16-room apart-
ments.
Owner—Dewey Kurkjian, 3201 13th
Ave., Oakland.
Architect—None. \$11,000

DWELLING
(5210) E DERBY AVE. 100 S Taylor
St., Oakland 1-story 4-room dwlg.
Owner—Mrs. L. A. Miller, 2866 Derby
Ave., Oakland.
Architect—None.
Contractor—F. E. Miller, 2866 Derby
Ave., Oakland. \$2000

DWELLING
(5211) 109 LONGRIDGE ROAD, Oak-
land 2-story 6-room dwelling and
garage.
Owner—E. C. Jackson, 1422 San Pablo
Ave., Oakland.
Architect—None.
Contractor—Leo J. Dolan, Alameda
County Title Ins. Bldg., Oakland.
\$6350

DWELLING
(5212) E ADELINE ST. 305 N 28th
St., Oakland 1-story 5-room dwlg.
Owner—Wm. J. Vlught, 2929 Adeline
St., Oakland.
Architect—None. \$3400

ALTERATIONS
(5213) 335 ADELIN STREET, Oak-
land. Alterations.
Owner—F. C. Busche, 335 Adeline St.,
Oakland.
Architect—None.
Contractor—F. J. Theile, 3221 Thomp-
son Ave., Oakland. \$1050

DWELLING
(5214) N TOMPKINS ST. 50 W Hunt-
ington, Oakland 1-story 6-room
dwelling and garage.
Owner—E. E. Codde, 3910 Patterson
Ave., Oakland.
Architect—None.
Contractor—L. A. Peters, 5315 Manilla
Ave., Oakland. \$3250

DWELLING
(5215) 979 THIRTY-NINTH AVENUE,
Oakland 1-story 3-room dwelling.
Owner—L. Bocchio, 985 39th St., Oak-
land.
Architect—None. \$1200

DWELLING
(5216) 2560 SIXTY-EIGHTH AVENUE
Oakland 1-story 5-room dwelling
and garage.
Owner—Geo. Hill, 1629 45th Ave., Oak-
land.
Architect—None. \$3150

DWELLING
(5217) W ONE HUNDRED SEVENTH
Ave. 50 S Sunnyside St., Oakland.
1-story 3-room dwelling.
Owner—A. H. Mooney, 1427 East 32nd
St., Oakland.
Architect—None. \$2000

DWELLING
(5218) E WEST ST. 75 S 51st Street,
Oakland 1-story 4-room dwelling.
Owner—J. B. Castelliotti, 4725 West St.
Oakland.
Architect—None. \$2000

DWELLINGS
(5219) N FIFTY-SIXTH ST. 42 76 W
Dover St., Oakland 2 1-story 4-rm.
dwellings.

Owner—Agnes R. Lloyd, 2545 Market
St., Oakland.
Architect—None. \$2500 each

DWELLING
(5220) N E-TWENTY-THIRD ST. 35
W 11th Ave., Oakland 1-story 4-
room dwelling.
Owner—James Coffey.
Architect—None.
Contractor—O. F. Lyon, 520 San Fer-
nando St., Berkeley. \$3250

DWELLING
NO. 832 OXFORD, Berkeley. Dwelling.
Owner—A. & D. de Conger.
Architect—J. H. Thomas, Mercantile
Trust Bldg., Berkeley.
Contractor—Louis Hanssen 1409 Bonita
Ave., Berkeley.
NOTE—Recorded contract reported
Sept. 29, 1924, No. 5087.

BUNGALOW
(5221) Lot 23 BLOCK 2104 MAP OF
the Alden Tract at Temascal, Oak-
land. All work for 4-room frame
bungalow.
Owner—L. Abacotti, 870 47th St., Oak-
land.
Architect—None.
Contractor—Angelo Icardi, 972 Aileen
St., Oakland.
Filed Oct. 2, 1924. Dated Sept. 26, 1924.
Roof on \$72.50
When plastered 762.50
Completed and accepted 762.50
Usual 35 days 762.50
TOTAL COST, \$3050
Bond, Forfeit, none; Limit, 90 working
days; Plans and specifications, none.

DWELLINGS
(5222) 1230-34-38 ADDISON, Berkeley.
Three dwellings.
Owner—M. Schwind, 1805 A Bonita Ave
Berkeley.
Architect—None. \$2900 each

DWELLING
(5223) 1230 LE CONTE, Berkeley.
Dwelling.
Owner—E. Wilkins, 3381 Peralta Ave.,
Berkeley.
Architect—None. \$3000

DWELLING
(5224) 914 THE ALAMEDA, Berkeley
Dwelling.
Owner—J. R. Hordman.
Architect—None. \$5500

DWELLING & STORE
(5225) 2238 TWENTY-FIRST AVE.,
Oakland 1½-story 5-room dwelling
and store.
Owner—A. J. Agrella, Jr., 1811 East
19th St., Oakland.
Architect—None. \$4000

DWELLING
(5226) S WALLA VISTA AVE. 513 Le-
rida Ave., Oakland 1-story 6-room
dwelling.
Owner—J. Bertolda, 5628 Vicente St.,
Oakland.
Architect—None. \$4500

DWELLING
(5227) S E-TWENTY-EIGHTH ST.
68 W 21st Ave., Oakland 1-story 5-
room dwelling.
Owner—V. J. Legris, 2329 East 26th St.
Oakland.
Architect—None. \$3000

DWELLINGS
(5228) S SYNTAX AVE. 367 407 E
Maple Ave., Oakland 2-story 1-story 5-
room dwellings.
Owner—F. C. Stolte, 3455 Laguna Ave.,
Oakland.
Architect—None. \$3800 each

DWELLING
(5229) E FRUITVALE AVE. 120 N
E-39th St., Oakland 1-story 6-room
dwelling and garage.
Owner—H. Dillas, 2214 Hopkins St.,
Oakland.
Architect—None.
Contractor—P. Ruhman, 2412 Palmetto
Street, Oakland. \$5150

DWELLING
(5230) E SIXTY-SEVENTH AVE. 473
N Arthur St., Oakland 1-story 5-
room dwelling and garage.
Owner—C. A. Rogers, 307 21st Street,
Oakland.
Architect—None. \$3800

NOW READY FOR DELIVERY—

PRIDDE'S TABLES,--

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DWELLING
(5231) 1037 MCKINLEY AVE., Oak-
land, 1-story 7-room dwelling.
Owner—K. Taylor, Oakland.
Architect—None.
Contractor—Alex C. Wiehen, 839 Rose-
mont Road, Oakland. \$4900

SHOP
(5232) 391-395 TWENTY-SIXTH ST.,
Oakland, 1-story brick shop.
Owner—G. E. Stoll, 3438 Telegraph Ave
Oakland.
Architect—None.
Contractor—J. C. James, 2300 87th Ave
Oakland. \$10,500

DWELLING
(5233) E ONE HUNDRED SEVENTH
Ave. S. Apricot St., Oakland, 1-story
5-room dwelling.
Owner—H. F. Elliott, 926 East 18th St.
Oakland.
Architect—None. \$3000

STORES & OFFICES
(5234) NW COR. THIRTIETH &
Franklin Sts., Oakland.
Five-story brick and steel stores and
offices.
Owner—Herbert Yerxa, Tribune Tow-
er, Oakland.
Architect—H. H. Winner Co., San Fran-
cisco. \$250,000

RESIDENCE
(5235) LOT 28 BLK 9 LAKESHORE
Highlands, Oakland. All work for
2-story frame and plaster resi-
dence.
Owner—F. L. Sayre, 515 Crofton, Oak-
land.
Architect—Schirmer-Bugbee Co., Thayer
Bldg., Oakland.
Contractor—Geo. J. Maurer and T. D.
Courtright (Geo. J. Maurer Co.),
177 Ridgeway, Piedmont.
Filed Oct. 4, 1924. Dated Oct. 4, 1924.
When sheathing is on \$1835
Brown coated 1835
Completed and accepted 1835
Usual 35 days 1835
TOTAL COST, \$7344
Bond, Sureties, Forfeit, none; Limit,
100 working days; Plans and speci-
fications Filed.

RESIDENCE
(5236) LOT 21 AND POR LOT 22 BLK
12 Lakeshore Highlands, Oakland.
All work for 2-story and basement
frame residence.
Owner—Leo E. and Anna G. Fenton,
208 41st. Oakland.
Architect—East Bay Planners (Leon-
ard H. Ford), 306 14th St., Oak-
land.
Contractor—H. M. Frostholt 877 Lake-
shore Ave., Oakland.
Filed Oct. 4, 1924. Dated Sept. 29, 1924.
Frame up \$2740
First coat plaster 2740
Completed and accepted 2740
Usual 35 days 2740
TOTAL COST, \$10,960
Bond, Forfeit, none; Limit, 100 work-
ing days; Plans and specifications
filed.

RESIDENCE
(5237) POR LOT 41 MAP WILDWOOD
Gardens No. 2 Por Lot 6 Blk D Re-
vised Map of Piedmont Park also
Por Lot 154 Map of Crook Tract,
Piedmont. All work for 2-story and
basement frame residence.
Owner—Vernon Waldron, 1533 Grand
Piedmont.
Architect—Albert Farr, 68 Post St., San
Francisco.
Contractor—Chas. L. Trow, 835 38th St.
Oakland.
Filed Oct. 3, 1924. Dated Sept. 6, 1924.
27th each month 75%
Usual 35 days 25%
TOTAL COST, \$7925
Bond, \$3962.50; Sureties, S. J. M. Coates,
Geo. Fahe; Forfeit, \$5 per day; Limit,
90 working days; Plans and speci-
fications filed.

RESIDENCE
(5238) W LINE OF SHERMAN ST 700
So of San Antonio Ave., Alameda.
All work for 2-story frame resi-
dence and garage.
Owner—Mrs. M. E. Ackerman, 2044
Santa Clara Ave., Alameda.
Architect—Schirmer-Bugbee Co., 506
Thayer Bldg., Oakland.
Contractor—Fred J. Westlund, 351 12th
St., Oakland.

Filed Oct. 4, 1924. Dated Oct. 6, 1924.
When sheathing is on \$6281
Brown coated 6281
Completed and accepted 6281
Usual 35 days 6281
TOTAL COST, \$25,124
Bond, Forfeit, none; Limit, 110 days;
Plans and specifications filed.

DWELLING
(5239) NO. 2242 STUART ST., Ber-
keley, Dwelling.
Owner—G. J. Pfang, 480 Forest St.,
Oakland.
Architect—None. \$5500

DWELLINGS
(5240) NO. 1500-04 TYLER ST., Ber-
keley, Two dwellings.
Owner—James McGinness, 1510 Prince
St., Berkeley.
Architect—None. \$2500 each

DWELLING
(5241) NO. 130 THE UPLANDS, Ber-
keley, Dwelling.
Owner—Mrs. Naylor, 1113 Eaton Ave.,
Berkeley.
Architect—None.
Contractor—A. Hendrickson, 6458 Ray-
mond Ave., Berkeley. \$7000

DWELLING
(5242) CHABOLYN TERRACE, Ber-
keley, Dwelling.
Owner—J. Edward, 1930 E-24th St.,
Oakland.
Architect—None. \$4500

FIRE REPAIRS
(5243) 163 TWELFTH ST., Oakland.
Fire repairs.
Owner—E. Hyde, 4236 Terrace St., Oak-
land.
Architect—None.
Contractor—W. Hanford, 1727 Broad-
way, Oakland. \$1600

SHOP
(5244) N E-TWELFTH ST. 50 W 19TH
Ave., Oakland, 1-story shop.
Owner—J. I. Gantz, 1840 E-12th St.,
Oakland.
Architect—None. \$3000

DWELLING
(5245) N PORTER ST. 100 E Loma
Vista Ave., Oakland, 1-story 5-
room dwelling.
Owner—Lewis Graham, 3327 64th Ave.,
Oakland.
Architect—None. \$3000

DWELLING
(5246) N DELAWARE ST. 561 E
Peralta Ave., Oakland, 1-story 5-
room dwelling.
Owner—H. F. L. B. and Mary E. La-
pler, 3129 Arkansas St., Oakland.
Architect—None.
Contractor—H. F. Lapier, 3129 Arkan-
sas St., Oakland. \$4000

DWELLING
(5247) 809 MANDANA BLVD., Oak-
land, 2-story 6-room dwlg.
Owner—Mrs. H. E. MacCord, 3566 King
St., Berkeley.
Architect—H. G. Breltin, 2817 Regent
St., Berkeley.
Contractor—H. J. F. Sattin, 2082 Uni-
versity Ave., Berkeley. \$8450

DWELLING
(5248) W GROSVENOR PL., 100 S
Sunnyhill Rd., Oakland, 2-story 6-
room dwelling and garage.
Owner—T. S. Sayer, 515 Crofton St.,
Oakland.
Architect—Schirmer-Bugbee Co., Thayer
Bldg., Oakland.
Contractor—Geo. J. Maurer Co., 177
Ridgeway Ave., Oakland. \$7594

DWELLING
(5249) N E-TWENTY-FIRST ST., 100
E 24th Ave., Oakland, 1-story 5-
room dwelling.
Owner—G. Watkins, 2151 E-24th St.,
Oakland.
Architect—None. \$3500

DWELLING
(5250) W HAVENSCOURT BLVD., 351
N Avenal Ave., Oakland, 1-story
5-room dwelling.
Owner—W. O. Bowman, Havenscourt
Bldg., Oakland.
Architect—None.
Contractor—A. Jacobsen, 2307 Havens-
court Blvd., Oakland. \$3500

DWELLING
(5251) E SEMINARY AVE., 400 N
Foothill Blvd., Oakland, 1-story
6-room dwelling.
Owner—A. Anderson, 2364 Courtland
Ave., Oakland.
Architect—None. \$4000

DWELLING
(5252) E SEMINARY AVE., 80 S Cam-
den St., Oakland, 1-story 6-room
dwelling.
Owner—J. A. Kingsley, 5748 Walnut
St., Oakland.
Architect—None. \$4000

DWELLINGS
(5253) S LERIMA AVE., 508 and 552
E Piedmont Way, Oakland. Two
1½-story 6-room dwellings.
Owner—E. Burris, 213 Greenbank Ave.,
Piedmont.
Architect—None.
Contractor—L. Johnson & Son, 223
Greenbank Ave., Piedmont.
Each \$5750

DWELLING
(5254) S REDDING ST. 400 E-35TH
Ave., Oakland, 1-story 4-room
dwelling.
Owner—S. C. Reid, 3600 Hopkins St.,
Oakland.
Architect—None.
Contractor—H. S. Moreman, 3411 Sher-
field Ave., Oakland. \$2500

(5255) NE COR. VIOLA AND SUTTER
Sts., Oakland, 1-story 4-room
dwellings.
Owner—J. W. Rexford, 3773 Marion
Ave., Oakland.
Architect—None.
Contractor—Chas. Stude, 3816 Redding
St., Oakland. \$2000

DWELLING
(5256) N STOTT ST. 105 W 98TH AVE
Oakland, 1-story 4-room dwelling
Owner—M. Rogosick, R F D Box 133,
Richmond.
Architect—None. \$1600

GARAGE
(5257) S TWENTY-SIXTH ST. 153 W
Broadway, Oakland, 1-story brick
garage.
Owner—Peter Fredericksen, Walnut
Creek.
Architect—None.
Contractor—Martin & Martin, 1418
Franklin St., Oakland. \$9800

DWELLING
(5258) S BOND ST. 80 E Cole St.,
Oakland, 1-story 16-room 8-family
dwelling.
Owner—Herbert Highton, 1636 Frank-
lin St., Oakland.
Architect—None.
Contractor—California Builders, 1636
Franklin St., Oakland. \$14,000

(5259) 5311-15-19 FOOTHILL BLVD.,
Oakland, 1-story brick stores.
Owner—Mrs. J. G. Sellman, 5457 Brook-
dale Ave., Oakland.
Architect—Geo. O'Brien, Bacon Bldg.,
Oakland.
Contractor—C. G. Sellman, 5809 Foot-
hill Blvd., Oakland. \$12,000

DWELLING
N SUNNYHILL RD. near Rosemont Rd.
Oakland, 2-story 6-room dwelling.
Owner—Leo Fenton, 208 41st St., Oak-
land.
Architect—None.
Contractor—H. M. Frostholt 877 Lake-
shore Ave., Oakland. \$10,960

BUNGALOW
(5260) SO. SIDE OF STANFORD AVE
about 80 W of Los Angeles St.,
Oakland. All work for 7-room bun-
galow.
Owner—G. Roletto and Joe Airola, 1063
Stanford, Oakland.
Architect—B. E. Remmel, 966 Warfield
Ave., Oakland.
Contractor—O. L. Burritt, 427 63rd
Oakland.

Filed Oct. 6, 1924. Dated Oct. 6, 1924.
Frame completed \$1550
When Plastered 1550
Completed and accepted 1550
Usual 35 days 1550
TOTAL COST, \$6200
Bond, \$3500; Sureties, W. H. Burritt,
M. Burritt; Forfeit, \$10 day; Limit, 70
working days; Plans and speci-
fications filed.

RESIDENCE
(5261) LOT 17 BLK 9 MAP NORTH-
land, Berkeley. All work for 1-sto-
ry, 6-room residence and garage.
Owner—Chloe Edna and John Freder-
ick Danek, 1808 Monterey, Berke-
ly.

Architect—None.
Contractor—R. Beadell & Geo. J. Lane,
908 Spruce St., Berkeley.
Filed Oct. 6, 1924. Dated Oct. 3, 1924.
Frame up \$1575
1st coat of plaster 1575
Completed and accepted 1575
Usual 35 days 1575
TOTAL COST, \$6300
Bond, forfeit, none; Limit, 30 work-
ing days; Plans and specifications,
none.

BUNGALOW
(5262) LOT 8 BLK K Foothill Park,
Oakland. All work for 5-room bun-
galow and garage.
Owner—James J. Frappier, 967 56th,
Oakland.

Architect—None.
Contractor—K. A. Johanson, 2429 13th
Ave., Oakland.
Filed Oct. 6, 1924. Dated Sept. 29, 1924.
Frame up \$925
When plastered 925
When interior finish is on 925
Usual 35 days 925
TOTAL COST, \$3700
Bond, forfeit, none; Limit, 70 work-
ing days; Plans and specifications filed.

DWELLING
(5263) NO. 1325 CALIFORNIA ST.,
Berkeley. Dwelling.
Owner—P. E. Marquis, 2945 Shattuck
Ave., Berkeley.
Architect—None. \$3000

DWELLING
(5264) NO. 1235 CHANNING WAY,
Berkeley. Dwelling.
Owner—W. Norlin, Fremises.
Architect—A. W. Smith, American Bk.
Bldg., Oakland. \$2900

(5265) NO. 1233 EVELYN ST., Ber-
keley. Dwelling.
Owner—J. Bettencourt, 954 37th St.,
Oakland.
Architect—None. \$3500

RESIDENCE
(5266) 235 SUNNYSIDE AVE., Pied-
mont. Residence and garage.
Owner—G. Kruger, 419 Orchard, Pied-
mont.

Architect—None.
Contractor—F. W. Durgin, Jr. \$5100

RESIDENCE
(5267) 340 EL CERRITO, Piedmont.
Residence and garage.
Owner—Edw. Larmer, 90 Fairview,
Piedmont.

Architect—None.
Contractor—Edw. Larmer. \$7000

RESIDENCE
(5268) 1405 OAKLAND AVE., Pied-
mont. Residence and garage.
Owner—H. P. Fisher, Syndicate Bldg.,
Oakland.

Architect—None.
Contractor—H. P. Fisher. \$5500

ALTERATIONS
(5269) 14 KING AVE, Piedmont. Al-
terations.
Owner—Mrs. G. Hammer.
Architect—None.

Contractor—Chas. Stockholm, 3324
Webster. \$3500

RESIDENCE
(5270) 20 LORETA, Piedmont. Resi-
dence and garage.
Owner—Mr. and Mrs. G. M. Simonsen.
Architect—None.

Contractor—J. H. Rockingham, 1431
Grand, Alameda. \$7500

RESIDENCE
(5271) 94 RAMONA AVE., Piedmont.
Residence and garage.
Owner—H. Steckmest, 4188 Piedmont
Ave., Oakland.

Architect—None.
Contractor—H. Steckmest. \$7250

RESIDENCE
(5272) 209 PALM AVENUE, Piedmont.
Residence and garage.
Owner—Lee Shirar, 353 14th Ave., San
Francisco.

Architect—None.
Contractor—James Owens. \$5200

RESIDENCE
(5273) 401 SHERIDAN, Piedmont.
Residence and garage.
Owner—F. A. Muller, Syndicate Bldg.,
Oakland.
Architect—None.
Contractor—F. A. Muller. \$9500

RESIDENCE
(5274) 1109 WINSON, Piedmont. Resi-
dence and garage.
Owner—Dr. Guy Wallace, 953 E-14th St
Oakland.
Architect—None.
Contractor—A. R. Parker. \$10,000

DWELLING
(5275) W JOHN ST. 90 S Montgomery
St., Oakland. 1-story 4-room dwlg.
Owner—Mrs. Johana Klein, 4365 Howe
St., Oakland.
Architect—None.
Contractor—E. Kram, 2325 Rawson
Ave., Oakland. \$2700

DWELLING
(5276) F. CUTHBERT ST. 200 S Ni-
col Ave., Oakland. 1-story 5-room
dwelling.
Owner—Thos. O. Robertson, 3144 Cuth-
bert St., Oakland.
Architect—None.
Contractor—Andrew Smith, 1469 1st
Ave., Oakland. \$4000

DWELLING
(5277) 3910 LOMA VISTA AVENUE,
Oakland. 1-story 4-room dwelling
and garage.
Owner—J. A. Lidell, 6054 Outlook Ave.,
Oakland.
Architect—None. \$3150

DWELLING
(5278) 2914 FIFTY-FIFTH AVENUE,
Oakland. 1-story 5-room dwelling.
Owner—Andrew Stenborg, 4340 Division
St., Oakland.
Architect—None. \$3000

DWELLING
(5279) W KNOWLES AVE. 600 S
Mountain Blvd., Oakland. 1-story
5-room dwelling.
Owner—F. Thomas, 4100 Lincoln Ave.,
Oakland.
Architect—None. \$2500

DWELLING
(5280) W NINETY-FIFTH AVE. 150 S
A Street, Oakland. 1-story 4-room
dwelling.
Owner—H. F. George, 1602 73rd Ave.,
Oakland.
Architect—None.
Contractor—Fairfax Realty Co., 7927
E-14th St., Oakland. \$2500

DWELLING
(5281) W SIXTY-SECOND AVE. 305
S Trenor St., Oakland. 1-story 6-
room dwelling.
Owner—H. A. MacDonald, 3207 62nd
Ave., Oakland.
Architect—None. \$3500

STORES
(5282) E CLAY ST. 71 S 8th St., Oak-
land. 1-story brick stores.
Owner—W. J. Mentz, 656 Capell St.,
Oakland.
Architect—None. \$3500

DWELLING
(5283) SE COR. CHABOT RD. AND
Pressley Way, Oakland. 2-story 7-
room dwelling and garage.
Owner—J. H. Wittich, 2929 Ellis St.,
Berkeley.
Architect—None.
Contractor—L. Asumaa, 6518 Whitney
St., Oakland. \$6750

DWELLING
(5284) E SIXTH AVE. 94 S E-15th St.
Oakland. 1-story 2-room dwelling.
Owner—N. T. Heaton, 2339 E-15th St.,
Oakland.
Architect—None.
Contractor—Frank Chitchett, 139
Grand Ave., Oakland. \$2500

STORAGE SHED
(5285) 3720 FOOTHILL BLVD., Oak-
land. 2-story storage shed.
Owner—Boulevard Mill & Lumber Co.,
Oakland.
Architect—None.
Contractor—W. F. Lloyd, 3720 Foothill
Blvd., Oakland. \$1000

DWELLING
(5286) S CALMAR AVE. 350 E Paloma
Ave., Oakland. 1-story 6-room dwlg
Owner—Gale & Rose, 5815 Grove St.,
Oakland.
Architect—None. \$7750

DWELLING
(5287) W ADELL COURT 115 N Mon-
tana St., Oakland. 1-story 6-room
dwelling.
Owner—A. T. Anderson 2248 62nd Ave.,
Oakland.
Architect—None. \$3000

DWELLING
(5288) E SEVENTY-SECOND AVE.
1014 Spencer St., Oakland. 1-story
5-room dwelling.
Owner—Jos. Couture, 5046 Congress
Ave., Oakland.
Architect—None. \$3000

DWELLING
(5289) 5718 ADELINE ST., Oakland.
1-story 6-room 2-family dwelling.
Owner—A. J. Schurra and Ethel Gol-
den, 839 Arlington St., Oakland.
Architect—None.
Contractor—C. Ungaretti, 1393 18th St.
Oakland. \$4000

DWELLING
(5290) E SIXTY-SIXTH AVE. 350 N
E-14th St., Oakland. 1-story 4-room
dwelling.
Owner—Myrtle Kennedy, 2743 Garden
St., Oakland.
Architect—None. \$2250

DWELLING
(5291) W ONE HUNDRED FOURTH
Ave. 155 N Graffian St., Oakland.
1-story 5-room dwelling & garage
Owner—E. T. Speed, 337 105th Avenue,
Oakland.
Architect—None. \$3150

DWELLING
(5292) 2177-29 FORTY-SECOND AVE
Oakland. 1-story 8-room 2-family
dwelling.
Owner—Frank Gomes, 2201 42nd Ave.,
Oakland.
Architect—None.
Contractor—C. W. Griffith, 1325 96th
Ave., Oakland. \$5500

DWELLING
(5293) N GEORGIA ST. 300 E Peralta
Ave., Oakland. 1-story 6-room
dwelling and garage.
Owner—R. D. Case, 2585 Georgia St.,
Oakland.
Architect—None. \$3600

DWELLING
(5294) N SNELL ST. 25 E 69th Avenue
Oakland. 1-story 4-room dwelling.
Owner—W. H. Smith, 7720 Ney Ave.,
Oakland.
Architect—None. \$1800

DWELLING
(5295) SW COR. ONE HUNDRETH
Ave. and Longfellow St., Oakland.
1-story 5-room dwelling & garage.
Owner—C. H. Graham, 1601 High St.,
Oakland.
Architect—None. \$3100

DWELLING
(5296) S E-THIRTY-FIRST ST. 125
E 14th Ave., Oakland. 1-story 5-
room dwelling.
Owner—E. M. Hinch, 414 15th St., Oak-
land.
Architect—None. \$3250

OFFICE BUILDING
(5297) N GRAND AVE. 90 W Park
View Terrace, Oakland. 2-story 44-
room office building.
Owner—Drs. L. F. Adams and W. H.
Streitman, Federal Bldg., Oakland.
Architect—W. E. Milwain, Pacific Bldg
Oakland. \$35,000

DWELLING
(5298) N HUERT RD 70 E Sunny-
hill Rd., Oakland. 2-story 10-room
dwelling.
Owner—C. M. Benzman.
Architect—Thos. J. Kent, 1122 Crocker
Bldg., San Francisco.
Contractor—Chas. Stockholm & Son,
Monadnock Bldg., S. F. \$29,250

STORES & OFFICES
(5299) SE COR. FIFTEENTH & WEB-
ster Sts., Oakland. 3-story concrete
and steel stores and offices.

Owner—Mrs. A. E. White, 15th & Webster Sts., Oakland.
 Architect—None.
 Contractor—R. W. Littlefield, 357 12th St., Oakland. \$12,330

ADDITION
 (5300) 245 LEE STREET, Oakland.

Addition.
 Owner—Harriet W. Brown, 245 Lee St., Oakland.
 Architect—None.
 Contractor—C. F. Barton, 364 State Ave., Oakland. \$10,000

RESIDENCE
 NO. 426 WILDWOOD, Piedmont. Residence and garage.
 Owner—H. S. Hills.
 Architect—None.
 Contractor—Emil Person, 351 12th St., Oakland. \$25,000
 NOTE—Recorded contract reported Sept. 29, 1924, No. 5088.

RESIDENCE
 NO. 315 LA SALLE, Piedmont. Residence and garage.
 Owner—Mr. A. F. Parker, 2033 Francisco, Oakland.
 Architect—None.
 Contractor—Connor & Connor, 1225 Grove, Berkeley. \$24,646
 NOTE—Recorded contract reported Sept. 26, 1924, No. 5048.

RESIDENCE
 NO. 111 LAFAYETTE, Piedmont. Residence and garage.
 Owner—Dr. J. B. Schafhirt, Bacon Bldg., Oakland.
 Architect—None.
 Contractor—Otto Mallanen. \$15,000
 NOTE—Recorded contract reported Oct. 2, 1924, No. 5170.

NO. 1080 MONTEREY AVE., Berkeley.
 Dwelling.
 Owner—Mrs. Dancke, 1808 Monterey Ave., S. F.
 Architect—G. Herrman, 1804 Monterey Ave., Berkeley.
 Contractor—Beadell & Lane, 505 Spruce St., Berkeley. \$3525
 NOTE—Recorded contract reported Oct. 7, 1924, No. 5261.

RESIDENCE
 (5301) LOT 15, GUILFORD PLACE, Piedmont. General construction of 2-story and basement with garage residence, frame and plaster.
 Owner—L. G. and Sadie B. Campbell, 1404 Franklin St., Oakland.
 Architect—Hutchison & Mills, 1214 Webster St., Oakland.
 Contractor—A. F. Anderson, 1916 24th Ave., Oakland. \$3519.25
 Filed Oct. 7, 1924. Dated Oct. 2, 1924.
 When frame is up..... \$3519.25
 When brown coated inside and out..... \$319.25
 When completed..... \$319.25
 Usual 35 days..... \$319.25
 TOTAL COST, \$14,077
 Bond, \$7039.00. Sureties, Nils Anderson. Forfeit, none. Limit, 90 working days from date. Plans and specifications filed.

APT. BLDG.
 (5302) SO. SIDE OF E-FOURTEENTH St. 100 E of 3rd Ave., Oakland. All work for 2-story apartment bldg. (5 apts. and 2 stores).
 Owner—T. Fallano and G. Crosetti, Oakland.
 Architect—W. C. Helms, 5216 Grove St., Oakland.
 Contractor—W. C. Helms, 5216 Grove St., Oakland.
 Filed Oct. 7, 1924. Dated Oct. 5, 1924.
 Frame up..... \$4000
 Brown coated..... 4000
 Completed and accepted..... 4000
 Usual 35 days..... 4000
 TOTAL COST, \$16,000
 Bond, Forfeit, none; Limit, 120 working days; Plans and specifications filed

DWELLING
 (5303) 1409 HOPKINS ST., Berkeley.
 Dwelling.
 Owner—Geo. Rice, 1517 Hopkins, Berkeley.
 Architect—Fred Sprow. \$3500
 (5304) 1263 EUCLID, Berkeley.
 Dwelling.
 Owner—M. Eastman, 1263 Euclid Ave., Berkeley.
 Architect—None. \$1800

DWELLING
 (5305) NE COR. AUSEON & HOLLY St., Oakland. 1-story 8-room 2-family dwelling.
 Owner—Miss Ross, 2077 63rd Ave., Oakland.
 Architect—None.
 Contractor—A. E. Waldman, 1205 Hopkins St., Oakland. \$6000

FIRE REPAIRS
 (5306) 849 THIRTY-FOURTH ST., Oakland. Fire repairs.
 Owner—Mrs. Lowe.
 Architect—None.
 Contractor—R. E. Sheridan, 1014 Webster St., Oakland. \$1500

STORES
 (5307) NW COR. FIFTY-FIFTH AVE. and Flemin Ave., Oakland. 1-sto. stores.
 Owner—Chas. Koester & Son, 5356 Wentworth Ave., Oakland. \$4000
 Architect—None.

DWELLING
 (5308) N ROBERTS AVE. 90 W Seminary Ave., Oakland. 1-story 4-room dwelling.
 Owner—E. E. Collins & Co., 357 Athol Ave., Oakland.
 Architect—None. \$4000

DWELLING
 (5309) 1200 SEVENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling and store.
 Owner—Jennie Matheyer, Oakland.
 Architect—None.
 Contractor—L. B. Matheyer & Co., 1369 Hopkins St., Oakland. \$3000

DWELLING
 (5310) 1508 HAVENSCOURT BLVD., Oakland. 1-story 6-room dwelling and garage.
 Owner—Jos. Flittner, 1700 35th Ave., Oakland.
 Architect—None. \$4300

DWELLING
 (5311) W PERALTA AVE. 135 N Carmel St., Oakland. 1-story 5-room dwelling.
 Owner—Jos. Flittner, 1700 35th Ave., Oakland.
 Architect—None. \$3500

DWELLING
 (5312) 1731 SIXTY-EIGHTH AVENUE, Oakland. 1-story 4-room dwelling and garage.
 Owner—E. F. Grady, 3626 Lyon Avenue, Oakland.
 Architect—None. \$2650

DWELLING
 (5313) 4642 BENEVIDES AVENUE, Oakland. 1-story 5-room dwelling & garage.
 Owner—Theresa & Eugene Andrews, 829 East 19th St., Oakland.
 Architect—None.
 Contractor—Chas. W. Falk, 1520 E-38th St., Oakland. \$3350

DWELLINGS
 (5314) 1236-42-46-54 SEVENTY-SIXTH Ave., Oakland. 4 1-story 4-room dwellings.

Owner—Louis H. Dougherty, Claremont Hotel, Oakland.
 Architect—None.
 Contractor—Nelson J. Buckland, 1801 89th Ave., Oakland. \$2050 each

DWELLING
 (5315) E SIXTY-NINTH AVE. 121 S Weld St., Oakland. 1-story 5-room dwelling.
 Owner—Laurence Mahoney, 822 Park Way, Oakland.
 Architect—None.
 Contractor—F. G. Walker, 2832 Stanton St., Berkeley. \$4500

DWELLING
 (5316) E MILLSBRAE AVE. 160 S Brann St., Oakland. 1-story 6-room dwelling.
 Owner—A. J. Flag, 2501 Best Avenue, Oakland.
 Architect—None. \$4000

DWELLING
 (5317) S ALMA AVE. 200 E Chatham Road, Oakland. 1-story 5-room dwelling.
 Owner—F. Dupy, 2203 Telegraph Ave., Oakland.
 Architect—None.
 Contractor—C. M. Gass, 2415 35th Ave., Oakland. \$4500

ALTERATIONS & REPAIRS
 (5318) 537 EIGHTEENTH STREET, Oakland. Alterations and repairs.
 Owner—P. A. Spott, 561 19th St., Oakland.
 Architect—None. \$1000

DWELLING
 (5319) S ALMA AVE 150 E Chatham Road, Oakland. 1-story 5-room dwelling.
 Owner—C. Fontes, Oakland.
 Architect—None.
 Contractor—C. M. Gass, 2415 35th Ave., Oakland. \$5000

DWELLING
 (5320) 875 TRESTLE GLEN RD., Oakland. 2-story 7-room dwelling.
 Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
 Architect—None. \$7000

DWELLING
 (5321) 460 CAVOUR STREET, Oakland. 1-story 5-room dwelling.
 Owner—L. Campomenosi, 2647 Parker St., Berkeley.
 Architect—None. \$4000

DWELLING
 (5322) S FORTY-SECOND ST. 120 W Linden St., Oakland. 1-story 5-rm. dwelling.
 Owner—F. H. Burrill, 1075 42nd St., Oakland.
 Architect—None.
 Contractor—J. F. Brown 1920 Seminary Ave., Oakland. \$3600

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
 the Assets of which have never been increased
 by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
 PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
 HAIGHT STREET BRANCH..... Haight and Belvedere Streets
 WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
 FOUR AND ONE QUARTER (4 1/4) per cent per annum,
 COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
 AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(5323) E MIDVALE AVE. 80 N Kan-
sas St., Oakland. 1-story 6-room
dwelling.
Owner—Albert Bylund, 2332 E-22nd St.
Oakland.
Architect—None. \$2300

DWELLING
(5324) S STANFORD AVE. 80 W Los
Angeles, Oakland. 1-story 6-room
dwelling.
Owner—J. Alrola, 1063 Stanford Ave.,
Oakland.
Architect—None.
Contractor—O. L. Burritt, 427 63rd St.,
Oakland. \$6200

DWELLING
(5325) E HARRINGTON AVE. 60 S
Nevill St., Oakland. 1-story 3-room
dwelling.
Owner—Alphon Duncan.
Architect—None.
Contractor—C. A. Birch, 3601 Nevill St.,
Oakland. \$2800

ALTERATIONS
(5326) N THIRTEENTH ST. 100 E
Broadway, Oakland. Alterations.
Owner—U. S. Thrift Bank, Oakland.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave.
and E-10th St., Oakland. \$2000

REPAIRS
(5327) 1218 TWENTY-FOURTH AVE.
Fire repairs.
Owner—Art Rotman Works, 1218 24th
Ave., Oakland.
Architect—None.
Contractor—Chas. D. Ferreira, 1218
24th Ave., Oakland. \$12,000

GARAGE
(5328) 2323 BROADWAY, Oakland. 1-
story brick garage.
Owner—E. S. Johnston, 2329 Broad-
way, Oakland.
Architect—None.
Contractor—H. E. Johnston, 2329
Broadway, Oakland. \$15,000

STORES
(5329) S FIFTEENTH ST. 150 E
Broadway. 2-story steel and con-
crete stores.
Owner—E. T. Foulkes, 357 12th St.,
Oakland.
Architect—None. \$25,000

APTS. STORES
(5330) S E-FOURTEENTH ST. 100 E
3rd Ave. Oakland. 2-story 12 rm.
apts. and stores.
Owner—F. Falino & G. Gossett, 17th
St., Oakland.
Architect—None.
Contractor—Wm. Helms, 5216 Grove
St., Oakland. \$15,000

WAREHOUSE
(5331) E FORTY-SECOND AVE. 150
S Warren St., Oakland. 2-story
concrete warehouse.
Owner—Clorax Chemical Corp., 850
42nd St., Oakland.
Architect—None. \$15,000

DWELLING
(5332) CITY OF OAKLAND. (no fur-
ther description given). General
construction 1-story 3- and 4-room
frame duplex dwelling, stucco ex-
terior.
Owner—Colin McKenzie, 1219 Carlotta,
Oakland.
Architect—None.
Contractor—H. Duhonoff, 2479 Shattuck
Ave., Berkeley.
Filed Oct. 8, 1924. Dated, \$1431.75
When roof is on \$1431.75
When plastered \$1431.75
When completed \$1431.75
Usual 35 days \$1431.75
TOTAL COST, \$5727.00
Bond, sureties, forfeit, none. Limit, 60
working days from filing contract.
Plans and specifications not filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Oct. 2, 1924—LOT 73, Fuller & Todd
Tract, Oakland. Walter Lee to
whom it may concern. Oct. 2, 1924
Oct. 2, 1924—S SIDE OF CENTRAL
Ave., 60 ft. E of Union St., known
as 1804 Central Ave., Alameda.
Jno. Hübner, Jr. to whom it may
concern. Oct. 1, 1924

Oct. 2, 1924—W 50 FT. OF LOTS
numbered 1 and 2, SUBDIVISION
Tract, Brooklyn Twp. S. A. Milet
to whom it may concern.
Oct. 2, 1924—1744 87TH AVE., Oak-
land. Joseph S. Males to whom it
may concern. Oct. 1, 1924
Oct. 2, 1924—S 1/2 COR. AT A PT. ON E
line of Broadway dist. 55 ft. N of
12th St. running thence N 1/2 E 1/2
100 ft. S 45 ft. W 100 ft. to pt. of
beginning, Oakland. The Oakland
Bank to The McGilvray-Raymond
Grange Co. Sept. 29, 1924
Oct. 2, 1924—LOT 44, SPRING COURT
Terrace, Berkeley. Victor R. Gade
to whom it may concern. Oct. 1, 1924
Oct. 1, 1924—3733 MARKET ST., Oak-
land. E. E. Gray to whom it may
concern. June 6, 1924
Oct. 1, 1924—915 38TH ST., Oakland.
E. B. Gray to whom it may concern
..... Apr. 10, 1924
Oct. 1, 1924—SIDE OF PIEDMONT
Ave. 130 N. of Bancroft Way,
Berkeley. Bachelordon Building
Association to A. Cederborg. Sept. 1,
1924
Oct. 1, 1924—BEG. AT A PT. ON N
line of 45th St. dist. 440 ft. E from
E line of Grove St., thence E 50 ft.
N 100 ft. W 50 ft. S 100 ft. to pt.
of beginning, Oakland. Pio Fran-
cesconi to E. Francesconi. Oct. 24
Oct. 1, 1924—7018, 7100 HALLIDAY
Ave., Oakland. N. J. Ekstam to
whom it may concern. Sept. 29, 1924
Oct. 1, 1924—NW COR. RAD. ST.
and 18th St. Oakland. The Ger-
man Evangelical Church to St.
Marys Congregation.
Oct. 1, 1924—290 GRAND AVE., Oak-
land. Ida G. Anderson to P. W.
Mance. Sept. 6, 1924
Oct. 1, 1924—FOR LOTS 8, 9 and 10,
Blk. E. Amended Map of the Sal-
inger Tract in Plot No. 55 of the
Ranchos of V. and D. Paraiso, Oak-
land Twp. Elizabeth R. Rowe to
whom it may concern. Sept. 30, 1924
Sept. 30, 1924—LOT 7, BLK. 19, MAP
of Warner Tract, Oakland. Ole
Chrestenson to Ole Chrestenson
..... Sept. 25, 1924
Oct. 3, 1924—2924 CLAREMONT AVE
Berkeley. Margaret L. Blair to
Martin Allen. Oct. 2, 1924
Oct. 3, 1924—NW COR. DUTCH ST.
and E-14th St., Oakland. G. Marini
to C. M. Flewelling. Sept. 25, 1924
Oct. 3, 1924—SW COR. E-NINTH ST
and 29th Ave., Oakland. Manuel de
Lima to whom it may concern.
..... Sept. 15, 1924
Oct. 3, 1924—LOT 41 BLK. E KIN-
sell Tract, Oakland. Sherman
Kemp Sr. to whom it may concern
..... Oct. 3, 1924
Oct. 3, 1924—3322 CARLETA ST.,
Berkeley. Carl A. Kay and J. C.
Bredahoff to whom it may concern
..... Aug. 15, 1924
Oct. 3, 1924—LOT 17 BLK. 6 LAKE-
shore Highlands, Oakland. H.
Hyland Hinman to Alex. C. Wielen
..... Oct. 1, 1924
Oct. 3, 1924—BEG. AT A POINT ON
S line of Lincoln Ave. dist 40 W of
Pearl St running thence W 40 S 106
E 40 N 106 to pt. of beginning, Alame-
da. Donald C. Cohen to E. C. Cohen
and J. Gredem. Oct. 1, 1924
Oct. 6, 1924—1712 EOLA ST., Berke-
ley. G. R. Blasingame to G. R.
Blasingame. Oct. 6, 1924
Oct. 6, 1924—NE COR. 51st St. and
Shattuck Ave. Oakland. Pacific
Gas & Electric Co. to A. D. Coult
Co. Sept. 30, 1924
Oct. 6, 1924—POR. OF PLOT NO. 15,
Map of the Cameron Tract, Brook-
lyn Twp., Oakland. L. C. Fish to
whom it may concern. Oct. 4, 1924
Oct. 6, 1924—LOTS 38 AND 39, BLK.
M, Map of Laurel Grove Park,
Brooklyn Twp., August Roseberg
to August Roseberg. Oct. 4, 1924
Oct. 6, 1924—LOTS 38 AND 39, BLK.
M, Map of Laurel Grove Park,
Brooklyn Twp., August Roseberg
to August Roseberg. Oct. 4, 1924
Oct. 6, 1924—2516 VINE ST. Berke-
ley. Ethel M. Hale to Garfield
Hale. Oct. 3, 1924
Oct. 6, 1924—PARCEL 1, LOT 18,
The View Tract; Parcel 2, Lot 19,
The View Tract, Oakland. S. Vic-
tor Davidow to whom it may concern
..... Oct. 6, 1924
Oct. 6, 1924—LOT 11, BLK. E, Map of
Moss Tract, Brooklyn Twp., Ander-
son & Keeney to Anderson & Kee-
ney. Oct. 1, 1924

Oct. 4, 1924—LOT 59 BLK. 7 & LOT
78 Blk. 6 Map of Key Route Terrace
No. 3, Berkeley. J. W. Spunt to
whom it may concern. Oct. 1, 1924
Oct. 4, 1924—1520 EUCALYPT AVE. Ber-
keley. Aubrey Drury to J. H. Mc-
Cullough & Son. Sept. 1, 1924
Oct. 4, 1924—SW COR. ASHBY AND
Benvenue Aves., Berkeley. Mercan-
tile Securities Co. of Calif. to Con-
ner & Conner. Oct. 3, 1924
Oct. 4, 1924—SW COR. ASHBY AND
Benvenue Aves., Berkeley. Mercan-
tile Securities Co. of Calif. to W.
K. Nottingham. Oct. 3, 1924
Oct. 4, 1924—LOT 21 BLK. 2 MAP OF
Key Route Terrace No. 2, Oak Twp.
Marion St. John to whom it may
concern. Oct. 8, 1924
Oct. 4, 1924—LOT 22 MAP OAKLAND
Prospect Homestead Oakland. Hen-
ry Johnson and Mary Ethel John-
son to Harry C. Knight. Sept. 26, 1924
Oct. 4, 1924—LOT 10 & N 1/2 OF LOT
11 Blk. 4 Map of Chevrolet Park
Tract, Anton Jensen to whom it
may concern. Oct. 3, 1924
Oct. 4, 1924—LOT 31 BLK. 1 Map of
E-14th St. Villa Tract, Brooklyn
Twp. Robert H. Danielson to
Elmer H. Johnson. Oct. 7, 1924
Oct. 4, 1924—LOT 3604 MAP OF
Piedmont. Fritz Henshaw to F. C.
Stolte. Sept. 29, 1924
Oct. 7, 1924—W 35 LOT 15 Blk. 3,
Amended Map Butler Tract, Oak-
land. August J. Wada to H. J.
Schmitz. Oct. 6, 1924
Oct. 7, 1924—NW 50 LOT 14 BLK. 1,
Highland Sbdvn of Adams Point
Ppty, Oakland. E. G. Spare to
whom it may concern. Oct. 7, 1924
Oct. 7, 1924—NO. 2122 LINCOLN AVE
Alameda. Harry Plomgren to H. L.
Hayden. Oct. 1, 1924
Oct. 7, 1924—LOTS 23 AND 24 BLK.
7922 Map Paradise Place, Oakland.
Elson V. Carstens to whom it may
concern. Oct. 6, 1924
Oct. 7, 1924—LOT 37 Map Alden Tract
Oakland. Palma Negro to H. J.
Benasini. Oct. 6, 1924
Oct. 7, 1924—NO. 968 SUNNYHILLS
Road, Oakland. O. R. Doerr to Le-
roy M. Baird. Sept. 25, 1924
Oct. 7, 1924—S 1/2 EIGHTH AND
Campbell, Oakland. M. A. Coody to
Theodore Bernardi. Oct. 3, 1924
Oct. 7, 1924—NE 40 LOT 1 Map Bor-
tree Tract, Brooklyn Twp. Rosa
E. Loudon to William C. Lester.
..... Oct. 6, 1924
Oct. 6, 1924—INTERSECTION SW
line Hopkins St. with SE line
Sheffield Ave SE the bearing of
said line Hopkins St. being S 89°
SE 379.732 ft. to pt. of beg; SE
23 SE tang to last said course on
arc of a circle defecting to the
right with radius of 104 ft. a dist
of 15.271 SE 104 ft. to beg., Oakland.
A. H. Monetz to whom it may concern
..... Oct. 6, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Oct. 1, 1924—LOT 38 and Ptn Lot 37,
Crocker Highlands, Oakland. Mer-
well Hardware Co., \$630.40; C
Fraudner Co., \$65; Rigney Tile Co.,
\$310; Rochester Elec Co., \$308.80;
Daah-Thomas Co., \$100.00; Victor
Deight, \$320; C. W. Knight, \$452;
Rhodes-Jamieson Co., \$299.20; New
Way Hinge Co., \$24; Gladding, Mc-
Bean & Co., \$713; Thilen Lumber Co.,
\$1009.70; William G. Goss, \$90;
Murray & Co., \$420 vs Georgiana
Woods and San Francisco Builders
Oct. 1, 1924—LOTS 17 AND 18 BLK
"B" Meek Orchard Tract, Eden Twp.
N. E. Nelson vs Manuel Calzosa
Macedo and M. S. Garcia Jr., \$1252.82
Oct. 1, 1924—LOT 26 and SE 10 1/2 ft.
Lot 27 Blk "A" Garden Tot Home-
stead, Oakland. Stege and Har-
wood Hardware Co. vs John and Giacomo
Gandi, James Walt and Harold de
Normandie. \$491.75
Oct. 1, 1924—BEG. AT A PT. ON
the NW line of the Cedar Road
No. 1943 at the intersection there-
of with the NE line of that cer-
tain tract of land conveyed by
James A. Trefey, et al, to Manuel
Jose Rodriguez and recorded in
Liber 151 of Deeds, page 166, Alame-
da County Records, running
thence NW 18.50 chains NE 3.11
chains SE 18.28 chains SW 3.17

chains to pt. of beginning, Washington Twp., Alameda County. N. E. Nelson vs. Jacobin Joseph and M. S. Gardner, Jr. \$911.75
Oct. 2, 1924—LOT 48 AND POR. OF Lot 37, Crocker Highlands, Oakland. H. K. Verbruggen vs. Georgiana Woods and San Francisco Builders \$629.00
Oct. 2, 1924—LOT 6, BLK. 26, Idaho's Scenic Park, Berkeley. W. C. Spaulding vs. Irving Pichel, Violet Pichel and J. F. Hill Wilson \$659.00
Oct. 2, 1924—1936, AT A PT. ON NW line of Entrada Ave., dist. thereon SE 120 ft. from SE line of Piedmont Ave. running thence to NE 63.70 ft. NE 63.70 ft. SW 63.70 ft. to pt. of beginning, Oakland. Hogan Lumber & Mill Co. vs. E. G. Bowdish and Reliance Building Co. \$129.30
Oct. 3, 1924—LOT 26 AND POR. LOT 29 Map of the Lincoln Homestead Union, Oakland. Howard Schroeder vs. Elsie W. Rand, M. E. Hopper & Son \$370
Oct. 3, 1924—LOT 8 MAP NO. 2 OF Glen Echo Tract, Oakland. A. M. Poulsen vs. E. G. Bowdish, Reliance Building Co. \$310
Oct. 3, 1924—BEG AT A PT. ON SW line of Burr Ave. dist 100 SW of SW 120 NW 100 NE 120 to pt. of beg., Oakland. James Williams vs. Greater Berkeley Land Co., H. H. Below, Nellie Below \$346
Sept. 20, 1924—LOT 21 BLK 60 EASTON vs. J. Burlingame, A. Peruch et al vs. Harry C. Brown et al \$302.11
Oct. 6, 1924—LOT 1 IN BLOCK "B" Map of the Carroll Tract, County of Alameda. Neighbor's Lumber Yard vs. R. L. Harris and Catherine Harris, his wife, and John Doe Stanley and Jane Doe \$326.87
Oct. 4, 1924—LOTS 6 & 7 MAP OF Subdivision of Lot 12 Map of East Oakland, G. Walter Spencer (Spencer Electric Co) vs. Louis Speranco, E. W. Woodard \$483.95
Oct. 4, 1924—PARCEL 1 LOT 1 AND POR LOT 2 Blk A Hamilton Tract, Berkeley; Parcel 2 Lot 12 Map of Virginia Tract, Berkeley. Strable Hardware Co. vs. J. J. Tansey, J. W. Slate; W. Wyman \$75.20
Oct. 7, 1924—S HILGARD AVE 250 W La Loma Ave., Berkeley. Rhodes Jamieson Co vs. Clara Pond Powell and San Francisco Builders Inc. \$288.75
Oct. 7, 1924—LOTS 14, 15 AND 16 Map Anita L Stanton Tract Eden Twp. Zenith Mill & Lumber Co vs. Wm E and Annie E Kline \$183.43
Oct. 7, 1924—S MARIN & ORDWAY Sts., Albany. M. Stulsait Co vs. R. Felt and H. R. Anderson \$345.28
Oct. 7, 1924—PTN LOT 6 Map of Plot 12, Watson Tract, Oakland. A. Rose vs. Louis and Andrew Speranco, Clementina Brunetto & E W Woodard \$1735.95

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 2, 1924—SW 10 FT. OF LOT 14 and all Lot 15, Blk. 45, Map of Beverly Terrace, Oakland. Bay City Lumber Co. to C. W. Boden Co., C. W. Boden, Oakland Mortgage and Finance Co., James Traverse, E. C. Lyon and John Davidson, trustees, and John Doe \$153.21
Oct. 2, 1924—SW 10 FT. OF LOT 6, and all of lot 7, blk. 15, Map of Beverly Terrace, Oakland. Bay City Lumber Co. to C. W. Boden Co., C. W. Boden, Oakland Mortgage and Finance Co., James Traverse, E. C. Lyon and John Davidson, trustees, and John Doe \$359.02
Oct. 2, 1924—SW 20 FT. OF LOT 13 and NE 20 ft. of Lot 14, Blk. 45, Map of Beverly Terrace, Oakland. Bay City Lumber Co. to C. W. Boden Co., C. W. Boden, Oakland Mortgage and Finance Co., James Traverse, E. C. Lyon and John Davidson, trustees, and John Doe \$407.05
Oct. 1, 1924—BOND 1000, Oakland. Neighbor's Lumber Yard to Victor Vallegro \$42.00

Oct. 1, 1924—LOT 12, BLK. K, Map of Tule Heights, Oakland. Sunset Lumber Co. to R. A. Smith \$663.80
Oct. 6, 1924—S SIDE HUFF AVE., 150 W of Callan Ave., San Leandro. Ambrose Bros. to San Jose Bldg. & Loan \$384
Oct. 2, 1924—3211 DELAWARE ST., Oakland. Henry Cowell Lime & Cement Co. to A. F. Page, A. Anderson \$192.10
Oct. 2, 1924—1214 MONTANA ST., Oakland. Henry Cowell Lime & Cement Co. to A. F. Page, A. Anderson \$112.10
Oct. 8, 1924—LOTS 1 AND 2 OF Lot 2 Blk 4 Map Iveywood, Oakland. Wm. F. Garrett (Garrett Mills & Lumber) to E. J. McCord \$1179.21
Oct. 8, 1924—LOT 24 & SW 15 of Lot 2, Result of Corley Tract, Oakland. N. C. Hopkins to Mary E. McKenna, George H. Lydekson \$131.11
Oct. 7, 1924—533 MORAGA AVE., Piedmont. Superior Tile & Products Co. to W. King, G. W. Eliassen \$117.50
Oct. 7, 1924—533 MORAGA AVE., Piedmont. A. Hernandez to W. King, G. W. Eliassen \$240
Oct. 7, 1924—533 MORAGA ROAD, Piedmont. Alives & Lackstrom to Geo. W. Eliassen \$250
Oct. 7, 1924—531 MORAGA AVE., Piedmont. Ed Patterson to William King \$235
Oct. 7, 1924—LOT 18 Map Nova Piedmont, Piedmont. Sanford Sheet Metal Works to George W. Eliassen \$67

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 15 & 16 BLOCK 4 SCHOOL HOUSE Extension Land Association. All work for 1-story and basement residence and garage.
Owner—Louis Fignon, 2031 Taylor St., San Francisco.
Architect—J. A. Porpetto, 619 Washington St., San Francisco.
Contractor—P. Carare.
Filed Oct. 4, 1924. Dated Sept. 30, 1924.
Frame up \$1600
Brown coated \$1500
Completed and accepted \$2200
Usual 35 days \$2300
TOTAL COST \$7800
Bond, \$4000; Sureties, C. Balzarini and R. Borroani; Forfeit, none; Limit, 90 working days; Plans and specifications none.
RESIDENCE
PORTION LOT 11 HILLSBOROUGH Acres. All work for 1½-story frame residence and garage.
Owner—Kennette Melrose, San Mateo.
Architect—E. L. Norberg & Son, 409 Occidental, Burlingame.
Contractor—C. E. Powler, 829 Edgell Hill, Burlingame.
Filed Oct. 4, 1924. Dated Oct. 3, 1924.
Frame up \$2012
Brown coated \$2012
Completed and accepted \$2012
Usual 35 days \$2012
TOTAL COST \$8048
Bond, Sureties, none; Forfeit, \$5 day; Limit, 105 working days; Plans and specifications filed.
RESIDENCE and garage, \$8000; Lot 9 Blk 10 Raiston Ave, Burlingame; owner, W. B. Fields; contractor, W. B. Fields.
BUNGALOW and garage, \$5000; Lot 5 Blk 10 Baywater, Burlingame; owner, D. M. Cline; contractor, D. M. Cline.
BUNGALOW and garage, \$4750; Lot 3 Blk 60 Hillside, Burlingame; owner, W. L. Brazelton.
BUNGALOW and garage, \$4750; Lot 4 Blk 60 Hillside Dr., Burlingame; owner, W. L. Brazelton.
STORE & HOTEL building, \$68,000; S. W. Corner of Middlefield Rd and Burlingame, Burlingame; owner, Fred Linton and John Rehe, 115 Park, Burlingame; contractor Chas Pederson, 60 Peninsula Ave., San Mateo.
BUNGALOW and garage; \$6000; Lot 24 Blk 12 Sanchez, Burlingame; owner Chas. L. Bell; contractor, Chas. L. Bell.

BUILDING, \$20,350; on part of Block 2 B. L. Co. Burlingame; owner, S. K. Whipple, moved to Donnelly Ave; contractor, C. H. Bassett.
RESIDENCE and garage, \$6000; Lot 26 Blk 37 Vancouver, Burlingame; owner, R. C. Wilcox; contractor, Geo. W. Williams, 1321 Capuchino Ave., Burlingame.
BUNGALOW and garage, \$5667; Lots 1 & 2 of 10000 Ft. Bon Lane, Burlingame; owner, Frank Maloney, 245 Ellsworth, San Mateo; contractor, C. J. Antwiler.
RESIDENCE and garage, \$7000; Lot 61 Gates, Burlingame; owner, Harry B. Allen Inc., 1212 Blgme. Ave., Burlingame.
RESIDENCE and garage, \$7000; Lot 50 Gates, Burlingame; owner, Harry B. Allen Inc., 1212 Blgme. Ave., Burlingame.
BUNGALOW and garage, \$5000; Lot 2 Blk 59 Hillside, Burlingame; owner, Chas. Geo. Adams, 115 Arundel Burlingame.
BUNGALOW and garage, \$6000; Lot 31 Blk 12th Ave. Hayward Park, San Mateo; owner, A. Bettencourt, San Mateo; contractor, Frank Ferreira, 712 5th, San Mateo.
RESIDENCE, \$3800; Lot 2 of 233 S. F. Park, Burlingame; owner, Hammer and Hultberg, 1524 Floribunda, Burlingame; contractor Hammer & Hultberg, Burlingame.
RESIDENCE, duplex, and garage, \$8000 Lot 14 Blk B Highland Ave., San Mateo; owner, Wm. Watson, 707 Highland Ave., San Mateo; contractor, Wm. Watson, 703 Highland Ave., San Mateo.
BUNGALOW and garage, \$5000; Lot 13 Blk O Villa Terrace, San Mateo; owner, A. W. Waldo 604 No. C St., San Mateo.
RESIDENCE and garage, \$5000; Lot 3 Blk M 12th Ave., San Mateo; owner, Mrs. V. A. Younger, 1110 Douglas Ave., San Mateo.
RESIDENCE, duplex, and garage \$7500 Lot 8 Blk 4 State St., San Mateo; owner, Miss B. Smith, San Mateo; contractor, W. A. Rutherford, 1229 Ave. A., Burlingame.
RESIDENCE \$4000; Lot 21 Blk R North D St., San Mateo; owner, R. B. Camp Jr., 34 San Mateo Drive, San Mateo; contractor R. W. Harst, 1220 Drake Ave., Burlingame.
ALTERATIONS, \$4000; 3rd ave. and F St., San Mateo; owner, Jordan 231 E. F. San Mateo; contractor, R. W. Hurst, 1220 Drake Ave., Burlingame.
RESIDENCE, \$7000; E ½ of 281 Popular Ave., S M Park, San Mateo; owner, Cavanaugh Bros., 315 Highland Ave.; contractor, Cavanaugh Bros., 315 Highland Ave., San Mateo.
RESIDENCE, \$12,000; Lot 27 Burlingham Ave., San Mateo; owner, Arthur Dusenberry, 442 Burlingham, San Mateo; architect, Ed Sharpe, 60 Sansome St., San Francisco.
BUNGALOW and garage, \$6250; Lot 24 Blk 24 Cortez, Burlingame; owner Thos. H. Campbell.
BUNGALOW and garage, \$5000; Lot 11 Blk 10 Summer 10 Ave., Burlingame; owner, W. A. Clauser.
BUNGALOW and garage, \$6000; Lots 7 & 8 Barocket Ave., Burlingame; owner, Marie V. Kost.
BUNGALOW and garage, \$6500; Lot 19 Blk 18 Balboa Ave., Burlingame; owner, Bert Miller, 1032 Balboa, Burlingame.
BUNGALOW and garage, \$4000; Lot 15 Blk 12 Laguna Ave., Burlingame; owner, Mrs. S. W. Root.
ALTERATIONS, \$2000; Lot 1 and part 2 Blk 34 No. D St San Mateo; owner B. Sheehan, 2nd Ave. and C St., San Mateo; contractor, Gibson 38 North D St., San Mateo.
STORE BUILDING brick \$6000; B Getz prop. 3rd Ave., San Mateo; owner, B. Getz, 215 Chronicle Bldg., S. F.; architect, Morrow & Garren, Chronicle Bldg., S. F.; contractor, E. S. Cominsky, 180 Jessie St., S. F.
HOUSE and garage, \$7000; Lot 1 Blk E Highland Ave., San Mateo; owner, Ben Bogue, 434 Winsom Ave. San Mateo; designer and contractor, E. S. Shaver, 1401 Carmelita Avenue, Burlingame.

DWELLING and garage, \$5000; Crescent Ave., E. M. Park, San Mateo; owner, Hugh E. Clary; 320 Fulton, Palo Alto; contractor, Osborne and Knight, Box 461 Mt. View, Cal.

REMODELING and garage, \$1750; Lot 29 Blk K 13th Ave. San Mateo; owner, Chas. Conrad; 7 10th Ave., San Mateo; contractor, Chas. Conrad; 7 10th Ave., San Mateo.

REPAIR dwelling, \$1200; lot 3 Part 2 Blk 1 South D St., San Mateo; owner, Daniel Burke, 512 D St., San Mateo; contractor, Daniel Burke, 512 So. D St., San Mateo.

BUNGALOW and garage, \$5000; Lot 25 Blk 12 Benito, Burlingame; owner, S. Simmonds.

BUNGALOW and garage \$5000; Lots 29 & 30 Blk 6 Carmelita Ave., Burlingame; owner, T. H. Milles.

BUNGALOW and garage, \$7000; Lot 35 Blk 30 Drake Ave., Burlingame; owner, Harry F. Kolb, 575 25th Ave. San Francisco.

BUNGALOW and garage, \$5000; Lot 26 Blk 43 Bernal, Burlingame; owner, P. J. Morahan, 35 Barriohet, San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Sept. 22, 1924—LOT 24 BLK 4 Burlingame Grove, Burlingame, Seward & Pitschman to whom it may concern. Sept. 12, 1924

Sept. 22, 1924—PART LOT 294, San Mateo Park No. 2, to whom it may concern. Sept. 20, 1924

Sept. 22, 1924—LOT 11 BLK 2 Easton Add'n No. 1, Burlingame, Lillian R Randles to whom it may concern. Sept. 22, 1924

Sept. 24, 1924—LOT 19 BLK 9 Easton Add'n, Burlingame, Thomas S. and Gertrude Taylor to Wallace Weatherhouse. Sept. 23, 1924

Sept. 28, 1924—PART LOTS 8 AND 9 Blk 10, Burlingame Park No. 2, Burlingame, W. B. Fields to whom it may concern. Sept. 25, 1924

Sept. 25, 1924—PART LOT 270 Sub No. 3 San Mateo Park, San Mateo, Allen McIntire to whom it may concern. Sept. 25, 1924

Sept. 26, 1924—LOT 43 BLK N Mission St. Land Co. Homestead Realty Co. to whom it may concern. Sept. 24, 1924

Sept. 26, 1924—LOTS 21 22 23 AND 24 Blk A Menlo Villa Lotts, W. L. Brazelton to whom it may concern. Sept. 24, 1924

Sept. 27, 1924—PORT LOT 114 & 115 Sub No. 2 San Mateo Park San Mateo, Peter S. Heensrup to Chas. Pederson. Sept. 8, 1924

Oct. 1, 1924—LOT 44 BLK N MISSION St. Land Co. Homestead Realty Co. to whom it may concern. Sept. 30, 1924

Oct. 1, 1924—LOT 45 BLK N MISSION St. Land Co. Homestead Realty Co. to whom it may concern. Sept. 30, 1924

Oct. 1, 1924—LOT 29 BLK M HAYWARD Park, San Mateo, G. Meister to whom it may concern. Sept. 30, 1924

Oct. 1, 1924—PTN LOT 159 SAN MATEO Park, San Mateo, Arthur David Cadington to Moody J. Henry. Sept. 27, 1924

Sept. 29, 1924—PTN LOT 297 299 & 300 San Mateo Park, San Mateo, C. A. Andrews to Simmonds & Simmonds. Sept. 26, 1924

Sept. 29, 1924—LOT 13 BLK 8 Burlingame Grove, Burlingame, Sophie W. Root to Ingvar Sorenson. Sept. 23, 1924

Sept. 29, 1924—E 1/2 LOT 136 SAN MATEO Park, San Mateo, Catherine Carleson to F. W. Varney. Sept. 23, 1924

Oct. 1, 1924—LOT 9 BLK 6 DINGEE Park, Redwood, Frank C. and Luella M. Smith to Ben C. Zimmerman. Sept. 27, 1924

Oct. 3, 1924—LOT 18 BLK 6 MILLA Park Burlingame, E. A. & Bertha Olson to Ivar D. Peterson. Oct. 2, 1924

Oct. 2, 1924—W 68 OF LOT 308 SAN MATEO Park, San Mateo, owner, Jacob H. Hahn to whom it may concern. Sept. 26, 1924

Oct. 6, 1924—LOT 17 BLK 35 EASTON Add No. 2, Burlingame, Ralph W. Hurst to whom it may concern. Oct. 2, 1924

Oct. 4, 1924—LOT 5 BLK 21 WESTERN Add San Mateo, Carlo Casla to whom it may concern. Sept. 19, 1924

Oct. 2, 1924—LOTS 2 & 3 BLK 61 Easton No. 7, Burlingame, W. L. Brazelton to whom it may concern. Oct. 2, 1924

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
Sept. 20, 1924—LOT 20 BLK 3 North Fair Oaks, James R. Gittings to M. A. Vroman	\$385

BUILDING CONTRACTS

FRESNO COUNTY

ALTERATIONS

NO. 1126 FULTON ST., Fresno. All work for alterations to building. Owner—S. H. Kress & Co. Architect—E. J. T. Hoffman. Contractor—E. J. Farr, 245 Forthcamp St., Fresno.

Filed Date d.

As. work progresses. 75%
Usual 35 day. Balance

TOTAL COST, \$16,340

Bond, none. Limit, Sept. 22 to Nov. 5, 1924. Forfeit, \$50 per day. Bonus, \$50 per day for completion before Nov. 5, 1924. Plans and specifications, none.

DWELLING, \$1500; No. 261 F St., Fresno; owner, J. A. Karle, Prem.

DWELLING, \$3900; No. 2361 Welch Ave., Fresno; owner, A. F. Lamber, 1229 Harrison St., Fresno.

DWELLING, \$5000; No. 404 Belmont Ave., Fresno; owner, M. A. Morrison, 3145 Tulare St., Fresno; contractor, Ernest Russell, 4135 Balch St., Fresno.

SHOWCASES ETC.

1126 FULTON ST., Fresno. Showcases etc. for building. Owner—S. H. Kress & Co. Architect—E. J. T. Hoffman. Contractor—Fresno Showcase & Fixture Co., 1305 Anna, Fresno.

As work progresses. 75%
Usual 35 days. 25%

TOTAL COST, \$5655

Bond, 50% of contract price; Sureties, not designated; Forfeit, \$15 per day; Limit, Oct. 20 to Nov. 1; Plans and specifications, none.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Amount
Oct. 2, 1924—LOTS 13 TO 16 BLK 192 Fresno, A. J. Kemalyan to Jolly & Jolly. Oct. 1, 1924	
Oct. 4, 1924—E 20 FT. LOT 36, all Lot 37, Peralta Heights, Fresno, W. B. Watson to whom it may concern. Oct. 2, 1924	
Oct. 1, 1924—LOTS 12 13 BLK 9 High Addition, Fresno, W. C. Forkner and E. Brose to whom it may concern. Sept. 27, 1924	

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Oct. 1, 1924—N 10 FT OF W 100 FT. OF Lot 20 W 100 ft of lot 10, Long Tract, Fresno, Smith Hdwe. Co vs Valley Bldg. & Inv. Co. \$25	

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$4000; W 13th St., bet. Roosevelt and Clinton Sts., Richmond; owner, P. S. Sasono, Cor. 16th and Macdonald Ave., Richmond; contractor, M. Perino, Cor. 16th and Macdonald Ave., Richmond.

DWELLING, one-story frame, \$3600; N. Roosevelt bet. 12th and 13th Sts., Richmond; owner, M. O'Connell, 425 5th St., Richmond; contractor, N. E. Anderson, 1225 Roosevelt St., Richmond.

BUILDING CONTRACTS

SAN ANSELMO, MARIN COUNTY

(Month of September, 1924)

PERMITS

GARAGE, frame, \$100; Ptn Lots 59 and 60, Yolanda Court, San Anselmo; owner, L. H. Schwerlin.

GARAGE, \$300; Ptn Lot 147, Bush Tract, San Anselmo; owner, G. L. Jackson.

DWELLING, duplex frame and garage, \$7500; Lot 126, Ross Valley Park Tract, San Anselmo Ave., San Anselmo; owner, Mrs. M. Mack.

GARAGE, \$200; Ptn Lot N, Ross Valley Park Hillside Tract, San Anselmo; owner, J. Krah.

DWELLING, frame, \$1250; Lot 397 Short Ranch, S. F. Blvd., San Anselmo; owner, W. Smith.

DWELLING, frame, \$4000; Lot 79, Yolanda Court, San Anselmo; owner, J. Bullotti.

DWELLING, frame, \$3000; Lot 7 Sub 26 and 27, Linda Vista Tract, San Anselmo; owner, Jas. Leach.

ADD room to present frame structure, \$500, owner, F. M. Blackford.

FRAME DWELLING, \$2800; Lot 290 Short Ranch, S. F. Blvd., San Anselmo; owner, J. Dukes.

ADD room to present frame structure, \$300; Lot 2 Sub 183, 184 and 185, Busir Tract, San Anselmo; owner, W. Culligan.

DWELLING, hollow brick, \$2400; Lot 7-B, Bush Tract, San Anselmo; owner, M. Murray.

GARAGE, frame, \$100; Ptn Lot W, Ross Valley Park Tract, San Anselmo; owner, A. N. Colwell.

REPAIR porches, \$100; Laurel Ave., San Anselmo; owner, J. Grew.

GARAGE, frame, \$150; Lot 12, Bella Vista Tract, San Anselmo; owner, A. Palazzi.

GARAGE, frame, \$150; Laurel and Hazel Ave., San Anselmo; owner, N. Denton.

ADD two rooms, bath room and porches to present structure, \$2800; Lot 74, Foothill Road, San Anselmo; owner, H. J. Ott.

ADD porch to present frame structure, \$240; Lot 7 Sub 1, 8 and 87, Bush Tract, San Anselmo; owner, Mrs. M. J. Welch.

GARAGE, \$200; Lot 7, Sunnyside Tract, Austin Ave., San Anselmo; owner, L. Ferrari.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

ON TRACT OF LAND ON JACOBS RD. Distributing station. Owner—Richfield Oil Co., a corporation. Architect—None. Contractor—W. H. Eaton & Son. Filed Oct. 4, 1924. Dated Oct. —, 1924. Payments not given.

TOTAL COST, \$20,377

Bond, Forfeit, none; Limit, 60 working days; Plans and specifications, none.

DWELLING and garage, \$4000; 450 No. Tuxedo, Stockton; owner, A. Peterson.

DWELLING and garage, \$3500; 94 Knowles Way, Stockton; owner, Robert L. Eudene; contractor, J. H. Carpenter.

MACHINE SHOP \$2500; 20 South Wilson Way, Stockton; owner, Charles Mileslavich, 647 N Baker, Stockton; contractor, O. C. Hahn, 807 F & M Bldg., Stockton.

ALTERATIONS, \$—; 530 East Main, Stockton; owner, E. F. Haas; contractor, Davis-Heller-Pearce Co., Weber & Calif., Stockton.

PLANING MILL and lumber shed, \$3000 340 North Harrison, Stockton; owner, California Navigation and Imp. Co., El Dorado Cor. Channel, Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Oct. 4, 1924—LOT 7 IN BLOCK A EL
Ricardo Addition to the city of
Stockton. John J. McIntire, doing
business under the name and style
of Union Street Lumber Yard, vs
G. Garzola and wife, and A. M.
Noble & S. N. Cross, trustees \$1501.74

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 1, 1924—LOT 23 IN BLOCK 2
Plot of Oakhurst filed July 15, '20
being a subdivision of portions of
Secs. 42 43 and 53 of Weber Grant.
C. Kelly to E. B. Moore, Sept. 29, '24
Oct. 1, 1924—LOT 40 MAP OF PAR-
ker Acres being a subdivision of
a portion of the W 1/2 of Sec. 21, T 2
S, R 5 E, Le Roy B. Saling to John-
son Bros. Sept. 29, 1924
Oct. 2, 1924—LOTS 1 & 2 IN BLOCK
6 Mountain View Terrace No. 1,
George E. Davis to Brace R. Davis
..... Sept. 30, 1924
Oct. 2, 1924—LOT 9 IN BLOCK 2
Sunny Valley Gardens, George E.
Davis to Brace R. Davis, Sept. 30, '24

BUILDING CONTRACTS

SACRAMENTO COUNTY

MOVE from 1801 P to 2950 Q, Sacra-
mento; \$4000; owner, Joe Silva 2927
Q, Sacramento; contractor, M. A.
Fratis, 1728 S Sacramento.
DWELLING 4-flat and garage, \$11,000;
514 27th, Sacramento, owner, H. L.
Mee, 1920 13th, Sacramento.
DWELLING 6-room, and garage, \$3500
913 V, Sacramento; owner, J. Roh-
rer, 909 V, Sacramento; contractor,
F. L. Terra, 1712 W Sacramento.
DWELLING 5-room, and garage, \$2800
4408 G, Sacramento; owner, Jos.
Edenhofer, 3302 2nd Ave, Sacra-
mento.
DWELLING 4-room, and garage, \$3000
3232 43rd, Sacramento; owner, Fan-
nie A. Ford, 4317 8th Ave, Sacra-
mento.
DWELLING 5-room, and garage, \$3500
2558 Harkness Ave., Sacramento;
owner, W. A. O. Quinn, 1804 K,
Sacramento.
DWELLING 6-room, and garage, \$7000
1441 37th, Sacramento; owner, F.
A. Holdener, 2310 J, Sacramento;
contractor, Holdener Const. Co.,
2608 R, Sacramento.
WHOLESALE building, \$5500; No. 1318
R St., Sacramento; owner, Perkins
Grain & Milling Co.
DWELLING 5-room and garage, \$3100;
No. 2954 Sacramento Blvd.; owner,
F. L. Ferren, 3729 5th Ave., Sacra-
mento.
FLATS (2) 5-room and garage, \$9000;
No. 1112 38th St., Sacramento;
owner, Thos. B. Hunt, 1510 30th St.,
Sacramento.
FLATS (2) 5-room and garage, \$8511;
No. 1125 38th St., Sacramento;
owner, J. T. Ransdall, 1055 41st St.,
Sacramento.
GARAGE 8-stall, \$1375; No. 1515 N
St., Sacramento; contractor, J. H.
Wyant, 223 X St., Sacramento.
DWELLING 5-room and garage, \$5000;
No. 1358 47th St., Sacramento; own-
er, E. Smart, 1108 O St., Sacramen-
to; contractor, N. Martinelli, 1230
E St., Sacramento.
DWELLING 6-room and garage, \$4950;
No. 656 6th St., Sacramento; own-
er, E. F. Crews, 655 San
Miguel St., Sacramento; contrac-
tor, B. W. Graves.
DWELLING 6-room and garage, \$2950;
No. 2550 17th St., Sacramento;
owner, L. P. Dickson, 3209 Y St.,
Sacramento.
DWELLING 5-room and garage, \$3800;
No. 2757 Portola Way, Sacramento;
owner, E. M. Miller, 1916 El Monte
Ave., Sacramento.
DWELLING 5-room and garage, \$4900;
No. 2225 22nd St., Sacramento;
owner, O. E. Ash, 2221 22nd St.,
Sacramento; contractor, C. E.
Harvie, 2212 T St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Oct. 1, 1924—PTN LOT 7 BLK B
Leitch Tct. Frank J. Coyle to whom
it may concern May 1, 1924
Sept. 30, 1924—PORTS OF LOTS 6, 7
& 8 J K 11 12, Rt. Rev. P. J. Keane
to whom it may concern, Sept. 22, '24
Sept. 30, 1924—LOTS 5 & 6 & E 1/2
of lot 1 & E 1/2 of W 1/2 & S 135 ft
of W 1/2 of W 1/2 of lot 7 K L 11 12
Hotel Senator Corp. to whom it
may concern Sept. 26, 1924
Sept. 30, 1924—LOTS 5 6 & E 1/2 LOT
7 & E 1/2 of W 1/2 & S 135 ft of W 1/2
of lot 7 K L 11 12 Hotel Senator
Corp. to whom it may concern.....
..... Sept. 27, 1924
Sept. 30, 1924—LOT 20 PLEASANT
View Tct. Victor Stotts to whom it
may concern Sept. 26, 1924
Sept. 30, 1924—S 40 P. of N 120 FT
of lot 1815 Park Ter. Wm. T. Mar-
tin to whom it may concern
..... Sept. 29, 1924
Oct. 1, 1924—LOT 2 K L 12nd
and 23rd Sts. Sacramento First
Church of Christ Scientist in Sacra-
mento to whom it may concern
..... Sept. 23, 1924
Recorded Accepted
Sept. 30, 1924—LOT 7815 H J C Co.
Sub 78, Amended Map, Sacramento.
C. Moore to whom it may concern
..... Sept. 30, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Sept. 30, 1924—LOT 1832 and S 10 ft
Lot 1831 and N 20 ft. Lot 1833, W
& K Tract 24, Sacramento, W
Book vs Alzabe Clark Bandon and
W H Bandon Jr. \$1217.70

BUILDING CONTRACTS

SANTA CLARA COUNTY

SCHOOL
GRAND STREET, San Jose, Cal. All
work for Junior High School bldg.
Owner—Board of Education of the City
of San Jose.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.
Contractor—Robert Trost, Waller &
Buchanan, San Francisco.
Filed Oct. 1, 1924. Dated Sept. 22, 1924.
As work progresses 75%
Usual 35 days 25%
Bond, \$196,965.50; Sureties, Theresi
Trost, August Willcox; Forfeit, none;
Limit, 275 days; Plans and specifica-
tions filed.
RESIDENCE
LOTS 30 AND 31 BLOCK 100, Palo Alto.
All work for 1-story residence.
Owner—Donald F. Clark, Palo Alto.
Architect—Birge M. Clark, 310 Univer-
sity Ave., Palo Alto.
Contractor—Wells P. Goodenough, 310
University, Palo Alto.
Filed Oct. 2, 1924. Dated Sept. 9, 1924.
Frame completed \$1435.16
Entire plumbing 1435.16
Completed and accepted 1435.16

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, RenoSACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Usual 35 days 1435.17
TOTAL COST, \$740.65
Bond, \$2900; Sureties, W. F. Gray, Z. T.
Thorning; Forfeit, none; Limit, 30
working days; Plans and specifications
filed.

BUILDING

SAN CARLOS AND FIRST STS., San
Jose, Cal. All ornamental iron in
building.
Owner—Sainte Claire Realty Co., San
Jose.
Architect—Weeks & Day, 315 Mont-
gomery St., San Francisco.
Contractor—Peerless Ornamental Iron
& Bronze Co., 1528 Folsom St., San
Francisco.
Filed Oct. 1, 1924. Dated Sept. 23, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$8960
Bond, Forfeit, Limit, Plans, none;
Specifications filed.

HOUSE

LOT 9 BLOCK 48 J. S. LAKEN SUB-
division Palo Alto, Cal. All work
for duplex house and garage.
Owner—Lydia Walter, San Francisco.
Contractor—A. L. Lundy, 110 11th S. F.
Filed Sept. 30, 1924. Dated Sept. 19, 1924.
Execution of agreement \$1250
Brown coated 1175
Completed and accepted 1512.50
Usual 35 days 1812.50
TOTAL COST, \$5230
Bond, Forfeit, none; Limit, 75 working
days; Plans, none; Specifications filed.

THEATRE

PORT BLOCK 13 PALO ALTO, Cal.
Electrical work in theatre bldg.
Owner—Palo Alto Theatre Co., Palo
Alto.
Architect—None.
Contractor—H. S. Tittle, 85 Columbia,
San Francisco.
Filed Sept. 30, 1924. Dated Sept. 25, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$3600
Bond, \$4300; Sureties, New Amsterdam
Casualty Co.; Forfeit, Limit, none;
Specifications filed.

SCHOOL

BLOCK 81 PALO ALTO, BOUNDED BY
Middlefield Rd., Webster St., Lin-
coln & Addison Ave. Ventilating
work in 2-sto. reinf. concrete ele-
mentary building.
Owner—H. C. Lauer, Box No. 172, Palo
Alto.
Architect—Allison & Allison and B. M.
Clark (assoc. archts) 600 Embarca-
dadero, Palo Alto.
Contractor—Palo Alto Sheet Metal
Works, Palo Alto.
Filed Oct. 1, 1924. Dated Sept. 9, 1924.
As work progresses 75%
Usual 35 days 85%
TOTAL COST, \$1900
Bond, Forfeit, Limit, Plans none; Spec-
ifications filed.

ALTERATIONS

SE SECOND AND SAN FERNANDO
Sts., San Jose. All work for altera-
tions and additions to two-story
and basement brick building.
Owner—F. A. Gummer (a corporation),
San Jose.
Architect—Binder & Curtis, 35 W-San
Carlos St., San Jose.
Contractor—Jorgensen & Cook, 651
F St., San Jose.
Filed Oct. 7, '24. Dated Oct. 6, '24.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$4000
Bond, \$2000. Surety, Union Indemnity
Co. Limit, on or before Nov. 6, 1924.
Forfeit, none. Plans and specifications
filed.

PLUMBING

NW SAN FERNANDO AND FIFTH
Sts., San Jose. All work for plumb-
ing in Catholic Woman's Center
Building.
Owner—Roman Catholic Archbishop
of San Francisco, 1100 Franklin St.,
San Francisco.
Architect—Binder & Curtis, 35 W-San
Carlos St., San Jose.
Contractor—O'Mara Co., 218 Clara St.,
San Francisco.
Filed Oct. 6, '24. Dated Sept. 19, '24.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$3977

Bond, \$4988.50. Surety, Maryland Casualty Co. Limit, on or before June 1, 1925. Forfeit, none. Plans and specifications filed.

HEATING SYSTEM INSTALLED ON

Contractor—O'Mara Co., 218 Clara St., San Francisco.

Estimated cost, \$24. Dated Sept. 19, 1924. Payments same as above.

Bond, \$1321. Surety, Maryland Casualty Co. Limit, on or before June 1, 1925. Forfeit, none. Plans and specifications filed.

JUNIOR high school. \$400,000; Vine, Grant and Locust Sts., San Jose; owner, San Jose School Dept.; architect, W. H. Weeks, San Francisco and Binder & Curtis, San Jose; contractor, W. A. Tietz, San Jose.

COTTAGE. Room, \$100. Fourteenth St. near Washington, San Jose; owner, Newton C. Ott, Premises; contractor, Chas. Thomas, 127 Claymont St., San Jose.

INTERIOR alterations. \$1500. No. 179 S-First St., San Jose; owner, McDowell & Harding, 16 E-Santa Clara St., San Jose; contractor, T. St. Ashback, Twelfth Bldg., S. J.

ALTERATIONS. \$2200. No. 70 S-First St., San Jose; owner, M. Clausen, Premises; architect, H. Krause, Bank of San Jose Bldg., San Jose; contractor, Jorgensen & Cook, 193 N-Fifth St., San Jose.

COMMERCIAL garage. \$8640. No. 71 N-Fifth St., San Jose; owner, T. W. Huges, 70 N-Fourth St., San Jose; contractor, Percy Sherburne, 375 N-15th St., San Jose.

COTTAGE. 5-room, \$4000; Ashbury St. near First, San Jose; owner, Mrs. M. Hogan, 353 Grant St., San Jose; contractor, Ralph Sharp, 163 Polhemus St., San Jose.

COTTAGE. 4-room, \$1980; San Fernando St. near 26th, San Jose; owner, V. B. Fillich, Premises; contractor, J. V. Forward, 286 N-15th St., San Jose.

COTTAGE. 4-room, \$2450; Fifteenth St. near Jackson, San Jose; owner, W. O'Neil, 50 Sierra Ave., San Jose.

COTTAGE. 5-room, \$3345; No. 70 S-19th St., San Jose; owner, M. Oliver, Premises; contractor, Whiteside Davidson Co., 27th and Shorthridge Sts., San Jose.

ALTERATIONS. \$300. No. 621 Naglee St., San Jose; owner, Antonio Martino, Premises.

COTTAGE. 5-room, \$1950; Anita and Sam Houston Sts., San Jose; owner, Antonio Simonetti, Premises.

RESIDENCE. 6-room, \$4500; Santa Clara near 31st St., San Jose; owner, A. R. Davis, 936 E-Santa Clara St., San Jose; contractor, J. C. Rossi, 50 Keller Ave., San Jose.

ALTERATIONS. \$1950; No. 179 S-First St., San Jose; owner, McDowell & Harding, 16 E-Santa Clara St., San Jose; contractor, Michaels & Bornner, 762 De Hara St., S. F.

RESIDENCE. 6-room, \$6500; Thirteenth St. near William, San Jose; owner, F. M. Budlong, 12 S-Eleven St., San Jose; architect, C. A. Higgins, 342 Spencer St., San Jose; contractor, H. Nelson, 726 E-Santa Clara St., San Jose.

BUSINESS building. \$5000; Foundation St. near Second, San Jose; owner, Ant. Schutte, 19 S-Second St., San Jose; contractor, Wm. Regel, 945 Delmas Ave., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Sept. 30, 1924—N UNIVERSITY AVE about 100 V Pope St. Blk 68 Lot 4 and 10 ft. Lot 12, Palo Alto. H F Wilson to Wells P Goodenough.

Sept. 29, 1924—LOT 8 BLK 6, Hanchett Res. Bldg., Palo Alto. H F Wilson to Knickerbocker to Wm H O'Neil.

Oct. 1, 1924—LOTS 13 AND 15 BLK 9 Seale Addition No. 2, Palo Alto. Agns H Raymond to whom it may concern.

Oct. 1, 1924—17N LOTS 7 AND 8 Subdivision Blk 41, University Grounds, San Jose. Bernhard

Striegel to whom it may concern.

Oct. 1, 1924—LOT 14 BLK 12, Rose Lawn, San Jose. Elsa M and Harry F Dowell to Wood H. S. J.

Oct. 1, 1924—LOTS 6 AND 7 BLK 2, Harrett & Mack Bldvsn, San Jose. H R Phillips to whom it may concern.

Oct. 3, 1924—SW 25 FT LOT 14, all Lot 21 Blk 2, Seale Addition, Palo Alto. George B Bramhall to whom it may concern.

Oct. 3, 1924—LOTS 44 AND 45 BLK 16 Vendome Park Tract, San Jose. Wm H Norman to whom it may concern.

Oct. 3, 1924—LOTS 40 AND 41 BLK 16, Vendome Park Tract, San Jose. Wm H Norman to whom it may concern.

Oct. 7, 1924—LOTS 36 AND 37 BLK 16, Vendome Park Tract, San Jose. Wm H Norman to whom it may concern.

Oct. 8, 1924—LOTS 42 AND 43 BLK 16, Vendome Park Tract, San Jose. Wm H Norman to whom it may concern.

Oct. 6, 1924—NO. 112 S-FIFTH ST., San Jose. E L Bothwell to Guy Latta.

Oct. 6, 1924—LOT 6 BLK 7, Goodyear Tract, San Jose. Pietro D Maria to whom it may concern.

Oct. 7, 1924—E 80 SEVENTH ST., the S intersection of Lot being 289.50 ft. from Reed St., San Jose. V L Bemis to George D McGraw and Ralph J Sharp.

Oct. 1, 1924—S 100 FT LOT 3 BLK 112, Crescent Park, Palo Alto. Stevens & Douglas to whom it may concern.

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Sept. 30, 1924—SW SAN FERNANDO St. where St. intersects Market St on San Fernando 220x120, San Tilden Lumber & Mill Co vs Auzares Estate Co and C Wilson \$31.10

Sept. 30, 1924—PART LOT 2 BLK 16, Chapman & Davis Tract, San Jose. Tilden Lumber & Mill Co vs Wm Fogie \$28.50

Oct. 1, 1924—PART LOT 1 R. T. Pierce Subdivn on Alameda Rd, San Jose. Sunset Lumber Co vs Howard Swaltz and Lena L Pollard \$54.15

Oct. 1, 1924—ALL LOT 11 AND NW 12 ft. Lot 62, NW 1/4 Lot 42, NW 18 ft. Lots 32, 33 and 34 Blk 30, Palo Alto. William E Christensen vs E A and Emma D Cochran \$67.25

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Sept. 19, 1924—PTN LOT 4 BLK 13, University Grounds, San Jose. Tilden Lumber & Mill Co to Auzares Estate Co \$124.20

Sept. 29, 1924—LOT 3 BLK 1, Mt. Hamilton View Park, San Jose. Sunset Lumber Co and Tilden Lumber & Mill Co to Real Estate Subdivision \$50

Sept. 29, 1924—LOT 10 BLK 2, Mt. Hamilton View Park, San Jose. Sunset Lumber Co and Tilden Lumber & Mill Co to Real Estate Subdivision Co, Inc. and S J Norton.

Sept. 30, 1924—LOT 12 BLK 39, Reeds Addition, San Jose. S H Chase Lumber Co to Sadie E Weaver \$470.09

Sept. 30, 1924—LOT 10 BLK 4, Hester Park, San Jose. M Shepherd to Isabelle A Fowler \$50

Oct. 2, 1924—LOTS 6 AND 7 BLK 4, Goodyear Tract, San Jose. Samuel Cirro to John Di Fiore and Peter Cirro \$271.90

Oct. 2, 1924—LOT 14 BLK 13, Hanchett Res. Park, San Jose. James H. Lawson to Christian Samuelson and The Minton Co. \$48.95

Oct. 4, 1924—LOT 13 BLK 2, Beamis Subdivn, San Jose. Tilden Lumber & Mill Co to Joseph and Domenico Tesoriere \$298.90

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912, OF BUILDING AND ENGINEERING NEWS, published weekly at San Francisco, Cal.

State of California, City and County of San Francisco, ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared E. J. Cardinal and J. I. Stark, who, having been duly sworn according to law, depose and say that they are the Publishers and Owners of the Building and Engineering News, and that the following is, to the best of their knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher, E. J. Cardinal, 665 19th Ave., San Francisco, and J. I. Stark, 1250 Francisco St., San Francisco.

Editor, E. J. Cardinal, 665 19th Ave., San Francisco.

Managing Editor, John P. Farrell, 550 Broadway St., San Francisco.

Business Managers, E. J. Cardinal and J. I. Stark.

That the owners are:

E. J. Cardinal, 665 19th Ave., San Francisco.

J. I. Stark, 1250 Francisco St., San Francisco.

As Mercury Press) a copartnership, 818 Mission St., San Francisco.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

E. J. CARDINAL AND J. I. STARK, Publishers.

Sworn to and subscribed before me this 11th day of October, 1924.

(SEAL) CHALMER MUNDAY.

(My commission expires Oct. 17, 1925.)

STEEL DOOR MANUFACTURE IN 1923 SHOWS INCREASE

The Department of Commerce announces that, according to reports for the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of iron and steel doors and shutters had reported such products valued at \$14,977,428, together with other classes of products valued at \$1,239,683, making a total of \$15,367,111. The rate of increase in the total value of products as compared with 1921, the last preceding census year, was 23.3 per cent.

In addition, doors and shutters were manufactured to some extent as secondary products by establishments engaged primarily in other industries. The value of these products thus made outside the industry proper in 1921 was \$386,457, an amount equal to 3 per cent of the total value of products reported for the industry proper. The corresponding value for 1921 has not yet been ascertained but will be shown in the final reports of the present census.

Of the 37 establishments reporting for 1923, 27 were located in New York, 4 in Illinois, and the remaining 11 in California, Indiana, Minnesota, Missouri, New Jersey, Ohio, and Tennessee. In 1921 the industry was represented by 45 establishments, the decrease to 37 in 1923 being the net result of the omission of 10 establishments which were included in 1921 and the including of 2 new establishments. Of the 10 establishments omitted, 4 had gone out of business before the beginning of 1923, 1 was idle throughout the year, 4 had been engaged primarily in the manufacture of doors and shutters in 1921 but reported other commodities as their principal products in 1923 and were therefore classified in the appropriate industries, and 1 reported products valued at less than \$5,000 in 1923. (No data are included in the biennial censuses for establishments with products under \$5,000 in value.)

GLASS



A few products manufactured by W.P. Fuller & Co.

Outside and Inside House Paints
 Rubber Cement Floor Paint
 Concreta
 Washable Wall Finish
 Pioneer Shingle Stains
 Porch and Step Paint
 Decoret (Varnish Stain)
 Silkenwhite Enamel
 Fuller Oil Stains
 Factory White Enamel
 Fullerwear Spar Varnish (for
 inside and outside)
 15 For Floors Varnish
 40 For Finishing Varnish
 Floor Wax
 Conqueror Paint and Varnish
 Remover
 Pioneer White Lead

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

Estimates furnished on request

W.P. FULLER & CO.

301 Mission Street

San Francisco

Phone SUTTER 4400

Fuller Branches

OAKLAND
 SACRAMENTO
 STOCKTON
 FRESNO

LOS ANGELES
 HOLLYWOOD
 PASADENA
 LONG BEACH

SAN DIEGO
 SANTA MONICA
 SAN BERNARDINO
 SANTA ANA

PORTLAND
 BOISE
 WALLA WALLA
 SALT LAKE CITY

SEATTLE
 TACOMA
 SPOKANE
 YAKIMA



BUILDING *and* ENGINEERING NEWS

Publication Office
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SAN FRANCISCO, CALIF., OCTOBER 18, 1924

Published Every Saturday
Twenty-fourth Year No. 42

Schumacher

Office
210 American Bank Building, S. F.

Permanence
Economy

Wall

Warehouses
San Francisco Oakland
San Rafael

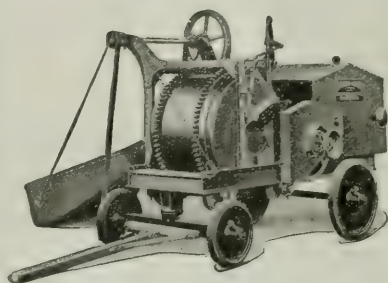
Appearance
Comfort

Board

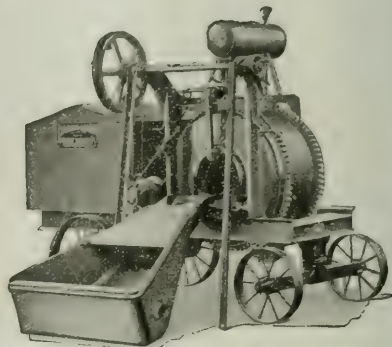
For Sale by All Lumber and Building Material Dealers

KOEHRING

DANDIE Light Mixer



Dandie with steel disc wheels and solid rubber tires; power charging skip, water tank and gasoline engine.



Dandie with steel trucks; power charging skip, water tank and gasoline engine.

EQUIP it to your special needs. Rubber tires to save the time waste of between-job hauls, and to expand your working territory. *Light duty hoist. Low charging platform or power charging skip. Automatic water-measuring tank.*

Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

—no—but the most remarkable value of all light mixers—and still within the range of light mixer prices.

CAPACITIES

4 and 7 cu. ft. mixed concrete, steam or gasoline power. May be equipped with power charging skip or low charging platform with hopper, light duty hoist, automatic water measuring tank. Mixes mortar as well as concrete.

KOEHRING COMPANY

Pavers, Mixers, Cranes, Draglines, Power Shovels
MILWAUKEE, WISCONSIN

DANDIE MIXERS IN STOCK WITH RUBBER TIRED WHEELS

Harron, Rickard & McCone Co.

SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., OCTOBER 18, 1924

Twenty-fourth Year No. 42



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San Francisco Post Office under act of
Congress of March 3, 1879.

WEATHER SHOULD NOT HINDER BUILDING CONSTRUCTION

Commenting upon the building situation, Gustave Kahn, vice president and General Sales Manager of the Truscon Steel Co., states:

"The idea of crowding a year's construction work into three or four hectic months is a relic of the days when concrete could not be poured after the thermometer dropped below the freezing point and it was believed unsafe to lay bricks during the cold weather. Due to modern construction facilities, any kind of building from a dwelling to a skyscraper can now be put up no matter what the weather may be and without any delay.

"The long periods of inactivity have been done away with to a considerable extent, but the interludes are still with us. Lengthening of the building season will mean greater production from men now engaged in the building trades and will go far toward attracting capable apprentices." Fabricating interests are maintaining production at 85 to 90 per cent of normal.

DUTY ON MATERIALS

The U. S. Customs Board at New York has handed down a decision to the effect that duty of 25 per cent ad valorem must be paid on the importation of asbestos-cement shingles, boards and sheets, since the chief material of these products is asbestos. This affects some important orders that have been placed by New York dealers and may remove important foreign competition.

U. S. TREASURY OFFICIAL RULES ON CEMENT DUMPING

Domestic cement manufacturers failed to obtain the assessment of a special anti-dumping duty on European cement.

Assistant Secretary of the Treasury McKenzie Moss in a notice to appraisers of merchandise at New York, Los Angeles, Portland, Ore., Honolulu and San Juan, announced that the treasury department has reached the conclusion that the finding of dumping is not justified. The appraisers need no longer withhold appraisement reports, as directed when the dumping inquiry was commenced, several months ago.

Leading cement manufacturers of the country participated in the case, extensive hearings having taken place at the treasury several weeks ago. The contention was that cement was being imported from Norway, Sweden, Belgium and Denmark at prices below the home market value. The principal ports through which the foreign cement was coming were those on the Pacific coast and in the Southeastern section of the country.

Assistant Secretary Moss based his ruling on a recommendation from E. W. Camp, director of customs.

A memorandum submitted by Mr. Camp to Assistant Secretary Moss was as follows:

"Neither the evidence adduced by the domestic manufacturer nor the official reports of the customs investigating officers establish with any certainty or definiteness that as a general practice, and taking into consideration the very great difference in wholesale quantities, cement has been sold to the United States by any of the countries in question at less than the foreign home market value. Moreover, this situation involves a number of doubtful questions of appraisement.

"The evidence of injury submitted by the domestic manufacturers is very general and in no case is any specific loss or injury directly traced to sales to their customers of European cement at less than the foreign home market values.

"The imports during 1923 from the countries accused of dumping were only 1.04 per cent of the total domestic production of the United States. Even admitting the claim of the domestic manufacturers that the seacoast districts, where the imported cement is distributed, should be considered as units independently of the interior of the country, the official statistics and the trade papers indicate wonderful prosperity of the cement industry in those districts in 1923 and 1924, with imports insignificant as compared with the domestic production and sales."

\$3,000,000 FOR CONSTRUCTION IS AVAILABLE THROUGH DECISION

The State Supreme Court at San Francisco has issued a writ of mandate commanding State Controller Ray L. Riley and State Treasurer Charles G. Johnson to pay to the Reclamation Board of the State of California \$285,147.75, the initial amount claimed to be due from the \$3,000,000 in the state emergency fund in the treasury and not appropriated. The petition was filed by the Reclamation Board on behalf of the Sacramento and San Joaquin Drainage District and will be expedited on the Sutter-Butte bypass project over a period of eleven years.

U. S. ARCHITECTURE ADVANCING ARCHITECT ASSERTS

In the opinion of architects, the United States is destined, within the next hundred years, to see the greatest development in architecture and art in the world, according to C. W. Dickey, Oakland architect.

Architect Dickey, who has been visiting in France, Italy and other portions of Europe, is in possession of a collection of photographs he brought back from the Old World. These include views of the finest architecture in Rome, Naples, Paris and other famous art centers.

Concerning the advance of architecture in the United States, Dickey says:

"American architects are making great strides in our large cities along the line of making the skyscraper more and more artistic. One thing which has been found to hold wonderful possibilities is New York's 'set-back' law. This law compels the builders of tall structures to set the upper stories farther back from the property line than the lower stories. This is done to provide for a greater amount of light in the streets, which otherwise would be darkened by high precipitous walls. It was found that by conforming with this law buildings could be made monumental by relying on masses and shadows. Through the limits imposed by the set-back law and through other factors in artistic development, we are getting back to the artistic buildings of the mediaeval period, combined with the modern developments in engineering and architecture. I believe the great future of architecture and art is right here in our own country."

S. F. LUMBER IMPORTS GROW

Imports of lumber to San Francisco for the month of September showed a gain over August, according to figures compiled by the marine department of the Chamber of Commerce. Total imports for September, including the interior, Coast ports and Washington and Oregon, were 75,203,000 feet as compared with 67,367,000 feet for the month of August, an increase for September over August of 7,836,000 feet.

Importations of lumber from Coast ports for the past month showed a decline of 1,617,000 feet as compared with August, when the total was 16,361,000 feet. For September the figures were 14,744,000 feet. Importations from interior points and Washington and Oregon for September showed an appreciable gain over the preceding month, according to the Chamber of Commerce figures.

From interior points there was a total of 9,720,000 feet of lumber coming into the local port during the past month, as compared with 7,330,000 feet for the month, a gain of 1,390,000 feet for September. From Washington and Oregon the lumber importations for the past month were 50,739,000 feet as compared with 43,177,000 feet for the month of August, a gain of 7,562,000 feet for September over the preceding month.

The gain in importations from Washington and Oregon was due in the main to the recommissioning of several lumber vessels which have been laid up on the local bay for several months. A number of these vessels went into service the latter part of August with the result that the importations from the two Northern states was considerable more than for the month of August.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



The proponents of the day labor plan of doing public work recently met with a set back when the Los Angeles Board of Public Works decided to ask for competitive bids on eleven precinct police stations, which were scheduled to be built by day labor. Several contractors representing the building organizations of Los Angeles appeared before the board on behalf of the contract system and were able to convince that body that in the interests of construction economy the method of asking for competitive bids should be followed on public work. This furnished another excellent example of the effectiveness of organization in the industry.

I. F. Eldridge of the U. S. Forest Service, in charge of timber sales, and F. E. Ames of the timber sales department of district No. 5 of the forest service, have completed their survey of the East Warner tract of timber, which has been applied for purchase by the Lake County Oregon Pine Syndicate. The tract is located from six to ten miles east of Lakeview, Ore., and has been cruised in the past Summer. It is estimated to contain between 300,000,000 and 400,000,000 feet of timber.

The annual report of the Los Angeles harbor commission for the fiscal year ending June 30, 1924, is at hand. It shows the receipt waterborne, coastwise, at the harbor of forest products equivalent to 1,725,780,286 board feet, of which 1,586,696,862 feet was straight lumber. The intercoastal waterborne receipts were 5,358,536 feet of lumber, 223,640 lath, 6,444,000 shingles and 816 bundles of box shooks.

During the month of September, 102 lumber carriers entered Los Angeles harbor, 80 with fir and 22 from redwood ports. The capacity of the fir boats was 109,330,000 ft. and the redwood 16,690,000 ft. Total for the month, 126,020,000 ft., and for the year, 1,117,810,000 ft., all of which approximates entire southern California waterborne receipts.

Unfilled tonnage of the United States Steel Corporation on September 30 increased 184,203 tons, compared with August 31. Unfilled orders on September 30 amounted to 3,473,780 tons, against 3,289,577 on August 31, a total of 3,187,072 on July 31 and 5,035,750 on September 30, 1923.

Four hundred men are on the payroll of the Red River Lumber Company, the largest in the history of the company, according to word from Westwood. More than 350 men are engaged in the work of completing the Hat Creek power line.

Fire destroyed the box plant of the Floed-Donovan Lumber Company at Bellingham, Wash., Sept. 20. Morrison Mill Company's cargo plant was also destroyed. The loss, according to reports, will exceed \$500,000.

Fire destroyed several buildings of the Rainbow Mill & Lumber Company in southern section of Shasta county on Sept. 29. The main box factory and yard stocks were untouched. The loss is estimated at \$25,000.

Gilroy contemplates a bond issue for \$125,000 to finance construction of a sewer disposal plant.

Plans for the elimination of irresponsible bidders on public construction operations were discussed at a recent meeting held at White Sulphur Springs, West Virginia. The meeting was presided over by R. C. Marshall, Jr., General Manager of the Associated General Contractors of America, and was attended by representatives of that organization, the National Surety Association and American Association of State Highway Officials. It is planned to establish a national rating bureau, which will investigate the financial ratings of construction companies bidding on public work.

The petition of the Northern California Development Company for a writ of mandate to compel the board of supervisors of Contra Costa county to place the company's application for a \$2,500,000 bridge franchise on the ballot is to be argued in the supreme court on November 24. The company contemplates the erection of the bridge across Carquinez Straits to connect the highway systems of the Sacramento and San Joaquin Valleys. The supervisors recently refused either to grant a permit for the bridge or to place the matter on the ballot.

R. E. Woods and J. D. Watkins have purchased the electrical department of the Ulmer Machinery Company at Porterville and will operate the plant under the trade name of Woods-Watkins Electrical Company. Watkins is a construction superintendent for the Southern California Edison Company and will remain with that company until construction is now under way are completed. Woods will be in active charge of the new concern.

Carrara Marble Quarry near Pine Grove, Amador County, has started operations with a contract for approximately 3000 cubic feet of commercial marble for the Ray Building in Oakland. In addition to a ledge of white marble which at the apex extends over a width of 200 feet, there also is a ledge of blue building marble which has been opened up for a distance of more than 150 feet.

Forrester Corncor Works plans early construction of a new plant at Potrero avenue and Sixteenth street, San Francisco. The structure will be two stories in height, covering an area of 86 by 200 feet, and will cost approximately \$50,000.

Gerlach Brick plant in the vicinity of El Cerrito, Contra Costa County, is operating. The plant is turning out about 30,000 brick per day. The output will be marketed by the Rhodes-Jamieson Company of Oakland.

W. A. Brown, president and manager of the Hamilton Lumber Co., Seattle, for the past five years, has resigned to become associated with the Knox School of Salesmanship and Business Administration of Seattle.

Crane Company, plumbing supplies, has let a contract to remodel its warehouse buildings at Second and Brannan streets, San Francisco. The improvements are estimated at \$25,000.

California Portland Cement Company has started construction of a new stock house at Colton, San Bernardino County. The structure will cost approximately \$200,000.

Wm. E. Row of Los Angeles has been appointed an assistant engineer of the State Railroad Commission. Row served a number of years in the engineering department of the Southern California Edison Company, followed by four years in China as construction engineer for the Forbes Co., Ltd., of Shanghai. Upon his return to this country, he again entered the service of the Edison Company.

State Highway Engineer R. M. Morton announces the appointment of C. L. McKesson, research engineer on the staff of the testing laboratory, as the representative of the California highway department on advisory board on highway research of the National Research Council. Valuable research work is being carried on by the council at its headquarters in Washington, D. C. Each state is represented on the advisory board.

J. W. Ludlow, who was dismissed from the position of harbor engineer by the Los Angeles harbor commission because of the wrecking of a barge which he took outside the harbor without authority from the commission, and was subsequently re-employed as assistant harbor engineer, has been appointed acting harbor engineer, pending the selection of a harbor engineer who will be an executive of the department.

H. C. Bottorff, city manager of Sacramento, has been elected president of the California Association of City Managers. Bottorff succeeds Clifton C. Hickok, city manager of Alameda. John Edy of Berkeley was elected vice-president of the association and Thos. J. Allen of Coronado, secretary.

Fred A. Lorentz has terminated his connection with the Los Angeles Board of Public Utilities as chief engineer. His resignation was tendered some time ago, but he was asked by the board to remain for a while. President E. F. Bogardus will temporarily perform the duties of chief engineer.

After a reported clash with Governor James G. Scrugham over the conduct of his office William A. Kelly, Democratic leader and former prohibition director of California and Nevada, has resigned as maintenance engineer for the Nevada State Highway Department.

Mel Auerbach, deputy city engineer of Oakland, is in Los Angeles to study sub-division activities in the southern section from a street department standpoint. He will determine what methods in the south can be utilized in Oakland.

William M. Bliss was granted a certificate to practice architecture in California at the Sept. 30 meeting of the California State Board of Architecture, Northern District.

E. M. Haug has been named secretary of the Berkeley City Planning Commission succeeding Wesley H. Miller Jr., who resigned.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

THINK COST PEAK IS PASSED

The investment bankers of the United States who closed their convention in Cleveland recently seemed in quite general agreement with a report made to them that the peak in building costs, real estate values, and rentals has passed. From this time on the report advises that there will be a considerable period of downward trend.

Many of the dealers in real estate mortgage securities feel that a time of test is being faced as to the soundness and the security of many investments. Statements have been made that loans are out in amounts representing altogether too high a percentage of the appraisal value. Such loans might be good on short time basis, but figuring on a long time basis, not so good.

Regarding building costs, the report says in part, "The biggest item in the cost of building is labor. We are told by some economists that we are facing for the next decade a steady decline in the cost of labor, and in the cost of living as well."

"We also are advised that a continuance of normal building activity is of vital importance to the maintenance of our national prosperity. Caution is, nevertheless, necessary, because if wages and living costs do greatly decline, the erection of new structures based on rentals that are above the willing and comfortable ability of tenants to pay, or which do not afford the maximum degree of such comforts as are commensurate with the rentals, is bound to lead to vacancies, and vacancies to distress for bondholders and owners."

ENGINEERS NAME COMMITTEES

To advise members of the American Institute of Electrical Engineers, Seattle section, of the personnel of the present committees of the section, J. Hellenthal, chairman, 606 Electric Bldg., issued the following list of committee members:

Executive committee—C. E. Magnusson, G. E. Quinn, C. R. Wallis, C. A. Lund, E. J. Des Camp. Meetings and Papers committee—C. R. Wallis, chairman; L. N. Robinson, C. G. Duffin, E. A. Loew, E. S. Code. Membership committee—W. L. Hoffman, chairman; E. J. Barry, J. R. Tolmie, R. L. Blackwell, B. C. Mooers.

C. E. Mong, 505 Telephone Bldg., is secretary-treasurer of the section.

BUILDERS HOLD BANQUET

The Richmond Builders' Exchange held its regular monthly banquet in the exchange quarters, Fifth Avenue, October 10, with 150 in attendance. The banquet was served by the material dealers. The committee in charge consisted of Robert Dornan, W. S. Stanley, V. J. Steadwell, Oliver E. Smith, E. H. Higgins, C. J. Lambrecht, H. P. Lauritzen and Frank Irving.

ENAMELING AND PORCELAIN PLANT FOR OAKLAND

The Quality Enameling & Porcelaining Company, 1634 Howard street, San Francisco, is having plans prepared for a one-story brick and steel plant to be erected in Oakland. The structure will cover an area of 180 by 150 feet. Increased business prompts early erection of the structure.

State Road Officials to Meet in S. F. Next Month—Program Announced

The program for the tenth annual meeting of the American Association of State Highway Officials, to be held at San Francisco Nov. 17 to 20, inclusive, has just been issued. Sessions of the convention will be held in the Italian room, St. Francis Hotel, opening Monday morning, Nov. 17, at 10:30, with President Fred R. White, chief engineer of Iowa State highway commission, presiding. Governor Richardson and Mayor Rolph of San Francisco are expected to welcome the delegates. President White will make a response and deliver his annual address. Executive Secretary W. C. Markham will also make his annual report. An illustrated address will be delivered by Howard C. Means, chief engineer Utah, his subject being "Some Interesting Features in the Construction of the New Wendover Cutoff in Utah."

Standing committees of the association will meet in the afternoon of the first day at the Hotel Manx. There will be on general session.

Tuesday morning the standing committees will be allowed a couple of hours to finish their work. At 11 o'clock, A. H. Hinkle, superintendent of maintenance, Indiana, will speak, his topic being, "How Shall Interstate Highways Be Named and Marked?" A discussion led by W. G. Slom of New Jersey will follow. Thomas H. MacDonald, chief of the bureau of public roads, will talk on "Urgent Need for Uniform Laws and Public Safety Devices Throughout the U. S." A general discussion will follow this address. H. G. Shirley of Virginia will preside at this session.

Tuesday afternoon at 2 o'clock, L. A. Boulay of Ohio, presiding, the program will be: "To What Extent May a State Economically Issue Bonds for Road Construction?" by Frank T. Sheets, chief highway engineer, Illinois. Discussion by Frank Page, North Carolina. "Highway Transportation Surveys," by J. Gordon McKay, chief division of highway transport and economics, U. S. bureau public roads. Discussion by Wm. H. Connell, Pennsylvania.

"Problems of Mountain Road Construction," by James Allen, state highway engineer, Washington. Discussion by L. I. Hewes, bureau of public roads.

"Some of the Recent Conclusions in Highway Research," by A. T. Goldbeck, chief division of tests, bureau of public roads. Discussion by Chas. M. Upham, North Carolina.

At the Wednesday morning session, opening at 9 o'clock, H. B. Phillips of Florida will preside. R. W. Crum, en-

gineer of materials and tests, Iowa, will talk on "The Value of the Practice of Weighing Concrete Aggregate for Pavement Construction." F. C. Lang of Minnesota, will lead the discussion.

Harvey M. Toy, chairman of California highway commission, will speak on "Needed State and National Highway Legislation for the Public Land States." Discussion by Cyrus S. Avery, Oklahoma.

R. M. Morton, state highway engineer, California, will make the closing address, his subject being "Convict Labor in Highway Construction." Discussion of the address will be led by O. T. Reedy of Colorado.

At the Wednesday afternoon session, Frank F. Rogers of Michigan, presiding, reports will be presented by standing committees as follows:

Standards, E. W. James, bureau of public roads, acting chairman.

Plans and surveys, E. W. James, bureau of public roads, chairman.

Design, H. E. Hiltz, Pennsylvania, chairman.

Specifications, Charles M. Upham, North Carolina, chairman.

Construction, J. H. Mullen, Minnesota, chairman.

Bridges and structures, E. F. Kelley, bureau of public roads, chairman.

Tests and investigations, H. S. Mattimore, Pennsylvania, chairman.

Non-bituminous testing problems, H. F. Clemmer, Illinois, chairman.

Bituminous and chemical testing problems, Henry M. Milburn, bureau of public roads, chairman.

Maintenance, J. T. Donaghey, Wisconsin, chairman.

Tuesday morning at 9 o'clock, Fred R. White of Iowa, presiding, presentation of reports of standing committees will be concluded, as follows:

Administration, Chas. M. Babcock, Minnesota, chairman.

Traffic control and safety, A. H. Hinkle, Indiana, chairman.

Publications, Fred R. White, Iowa, chairman.

Highway transport, Thomas H. MacDonald, bureau of public roads, chairman.

Co-operation with contractors, W. R. Neel, Georgia, chairman.

The annual banquet of the association will be held Wednesday night in the Colonial ballroom, St. Francis Hotel. A luncheon to the delegates will be given in the same place Tuesday by the "Downtown Association of San Francisco."

FEDERAL AID REFUSED

C. H. Purcell, district engineer of the U. S. Bureau of Roads at Portland, has presented the Oregon State Highway Commission with a letter from the department of agriculture which says that no government aid will be given roads that will be tributary to toll bridges or ferries. This action was brought about by counties in Washington selling franchises to private interests to operate bridges and ferries on three chief highways of the state on which the federal government had given aid.

THEATRES NOT HOMES

The city of Tokio has more theaters and moving picture houses than before the earthquake of September, 1923, when more than 100,000 people perished. There are now 42 first class theaters as compared to 30, and the movie houses have increased in the same proportion. Hotels and restaurants are back almost to their normal number. Seventy per cent of the damage done by the earthquake has been repaired.

Heat Consumption of Twenty-seven Different Types of Dwelling Houses

In a recent review by the Research Bureau of investigations into the subject of heat transmissibility of walls commonly used in dwelling construction, the statement was made that as between different types of walls, advantages and disadvantages had not been clearly demonstrated. All of the conclusions mentioned in that article were based on experiments made with sections of the different types of wall, the results then being theoretically applied to complete houses in order to obtain comparisons of practical value.

In Norway, however, instead of testing wall sections and then making theoretical inferences, they have approached the problem in the very practical manner of constructing groups of small but complete houses with many different types of walls. Then instead of entering into complex calculations, the Norwegian experimenters have simply applied sufficient electric current in each one of the 27 houses to maintain a uniform temperature in all of them.

Consequently, the variation in the amount of electric current consumed is an infallible test, under Norwegian climatic conditions, of the different types of walls in respect to heat retention. Thus the Norwegians appear to have got entirely beyond the realm of theory and wholly into the domain of fact with their investigations.

The Sept. 24 number of the American Architect and the Architectural Review contains a summary of these interesting Norwegian experiments, as given in a booklet by Professor Andrew Bugge, of the Norwegian Technical University, the booklet being published by F. Bruns Bokhandels Forlag, Trondhjem, Norway.

It appears that of the 27 test houses, 17 were erected by the Norwegian government, and the others by municipalities and construction companies. All of the houses were designed by Professor Bugge and were 2x2 meters square and 2.25 meters high. The floor, ceiling, double windows and doors were alike in all of the houses, the only

variable feature being the construction of the walls.

Besides measuring the quantity of heat energy which had to be supplied to each individual house in order to maintain the inside temperature at a constant level, usually 20 degrees Centigrade, tests were made to find how quickly the air in the houses cooled off when the supply of heat was cut off, and how quickly on the other hand the air is heated by a constant heat supply. Measurements were also made of the humidity of the air in the houses and in the wall cavities and of the air temperature in the hollows of the walls.

The following table gives the corrected results in respect to relative heat consumption of the experiments for all the 27 types of houses but the technical details of the methods used for correction are not given "as they are of more particular interest to the physicist and research investigator than to architects and engineers."

TABLE OF TEST DATA
(House No. 13 is Basis of Comparison)

House No.	Construction	As Shown	Relative Heat Consumption With Added Wood Panel	Consumption With Added Coat Plaster
1	Brick	188.5	—	185.5
2	Brick	175	124	172
3	Brick	179	—	—
4	Brick	159	—	—
5	Brick	164	—	—
6	Brick	157	—	—
7	Brick	178	—	—
8	Cement Block	200	140	194.5
9	Cement Block	181.5	129	176.2
10	Reinforced Conc	221	—	—
11	Brick	156	—	—
12	Wood	109	—	—
13	Wood	100	—	—
14	Wood	116.5	—	—
15	Wood	111	—	—
16	Wood	108.5	—	—
17	Wood	128	—	—
18	Wood	129	—	—
19	Wood	115	—	—
20	Wood	145	—	—
21	Wood	96.5	—	—
22	Wood	105	—	—
23	Wood	119.5	—	—
24	Hy-Rib	176	—	—
25	Cement Block	198	—	—
26	Wood	121	—	—
27	Wood	109	—	—

Consideration of space makes it impracticable to give details of type varieties, which may be found in the Sept. 24 number of the American Architect.

It will be noted that house No. 21 in the above table consumed less heat than any of the others, and that house No. 13, which is taken as the standard, is next. House No. 21 was a lumber-built house, having the hollows of the walls filled with dry sawdust. House No. 13 was a lumber-built house in accordance with the Trondhjem regulations. The main part of the walls consisted of 3" tongued and grooved planks covered on the outside with impregnated pasteboard and inside with wool pasteboard. The outside of the house was wood panelling with a space between it and the wood wall proper, and the inside was wood panelling also with air space between it and the main wall. There were twelve other varieties of lumber construction and nine of brick.

Commenting on the above table, the American Architect says:

"This data, as given in the table,

clearly indicates that the consumption of heat in the wooden houses is less than in the brick houses, that is to say, wooden houses are cheaper to heat than brick houses. From the table it will be seen that test house No. 13, constructed of wood framework, consumes about 52 per cent less heat than house No. 7, constructed of 1-brick-thick English hollow wall, and 31 per cent less heat than house No. 1, having 1½ solid brick wall; or about 27 per cent less than inside paneled brick house No. 3, having Bergens hollow wall.

"The cost of a house built of each of the constructions shown was estimated, and it was found that the brick house costs on an average of 10.2 per cent more than the wooden house, based on prices obtained in Norway November 1920. Professor Bugge states that when it is considered that shorter time is needed for the erection of a wooden house than for that of a brick house, whereby, among other things, interest is saved on the building loan, experienced builders are of the opinion that the difference may be placed at 15 per cent. * * *

"House No. 21, the walls of which were filled with sawdust, was found to be the cheapest. Sawdust must be dry in order to be an efficient non-conductor of heat and before its use can become general, some means must be found to make it dry and render it damp-proof.

"House No. 7, with 1-brick-thick English hollow wall, is the least expensive of the brick houses to construct. Should a more substantial wall be desired than this, it is recommended that a 1½ brick (approximately 12 in.) thick hollow wall, like house No. 6, to be used but not house No. 4 with Trondhjem hollow walls of corresponding thickness. * * *

"It appears, therefore, from these tests that to obtain a really good and warm house, which shall be comparatively cheap in construction and maintenance, it should be built of wood. * * *

"There has been considerable discussion among experts both in Norway and England as to whether the air space in brick walls should be 4" from the outer surface or the inner surface. Professor Bugge has studied the results of these tests more particularly

in reference to the houses Nos. 4, 5, and 6. Hereafter, his opinion has been that the air space should be within 4" of the inner line of the wall. He states that the measurements in the test houses now show that the air space should be within 4" of the outside wall. This is explained as arising from the fact that the inner part of the wall is always drier than the outer part, and a dry wall insulates better than a damp one. The best heat insulation is, therefore, obtained by laying the principal mass of the wall where it is the driest, namely innermost. In this connection the fact that the inner wall part is constructed of a lighter burned brick (medium burned) than the outer wall, has a determining influence in the result." Professor Bugge sums up the results of his experiments in fourteen paragraphs, two of which are as follows: "Wooden houses are cheaper to heat than brick houses, and considerably cheaper to heat than brick houses with solid 1 1/4 brick outside walls; Hollow walls are better heat-insulating than solid walls, and ought therefore, always, to be used."

REGISTRATION FEE AND GAS TAX FOR MOTORIST ARE LOW

Motorists of the country pay in the form of gasoline taxes and registration fees an average of only a quarter of a cent a mile according to the Bureau of Public Roads of the United States Department of Agriculture.

That is what the fees paid in a year amount to when divided by 6,000 which is believed to be the average motorist's annual mileage. The average license fee per mile travelled is one-fifth of a cent and the gasoline taxes paid make up the difference of one-twenty-fifth of a cent.

The motorist or truck operator is assured of a good return from the taxes he pays since the receipts are very largely devoted to road construction and maintenance. In 1923, 81 per cent of the motor vehicle license revenues and 58 per cent of the gasoline taxes were turned over to the State highway departments for expenditure under their supervision and a considerable portion of the remainder was expended by the counties for road purposes.

Consideration of the gasoline tax is of special interest to the motor vehicle operator. Thirty-five States now have this form of tax, the rates ranging from one to three cents with the exception of one State which has a four cents tax. A one cent gasoline tax increases the cost of operating the average vehicle by less than a tenth of a cent per mile. On a trip from Washington to Philadelphia the tax would amount to 10 cents. The trip over the Lincoln Highway from New York to San Francisco would be taxed \$2.50. It is interesting to compare these rates with the toll charges which motorists formerly had to pay to toll roads. On six different turnpikes in Virginia and Maryland tolls amounting to \$5.05 were charged for a total of 187 miles which is equivalent to 3.7 cents a mile. If a State attempted to charge this same rate for the use of the public highways by automobiles it would have to establish a gasoline tax of 36 cents per gallon.

U. S. LUMBER USERS

It is estimated that 50 American industries annually use 36,125,000,000 board feet of lumber of different species and in a great variety of shapes and sizes. General building and construction takes the greatest amount, approximately 13,500,000,000 board feet. The next largest amount, 13,500,000,000 feet, is worked up as planing mill products, and the next largest amount, 12,750,000,000 board feet, is used in car construction.

The Maintenance, Repair and Replacement of Timber Bridges

By Don Evans, County Bridge Engineer, King County, Washington

During the life of a bridge there are at least two main problems to consider—that of maintenance and that of reconstruction. There are two chief contributing causes for maintenance, namely: Traffic and rot.

Traffic is the more serious of the two. A few years ago highway bridges were not designed with uniform strength throughout to take care of load. Later traction engines were assumed to be the critical loads for the floor and still later road rollers were used for the same purpose. Today, motor trucks are the greatest menace to our bridges.

After investigating the strength of several old bridges I found that they were not designed with uniform strength throughout to take care of more than half the loads of today, and no doubt these old bridges referred to are typical examples. The floor systems are weaker than the trusses. To remedy this condition in King county we limit the loads and speed of vehicles traveling over these bridges.

Renewal of Floors

The greatest part of our maintenance work deals with the repair and renewal of the floor system. This brings up the subject. Which is the best kind of deck to use? Whether the wooden stringers with 4x4 planks, the wooden deck covered with an asphaltic top, wood block decks or reinforced concrete deck?

The 12-inch planks on wooden stringers are quickly laid and easily replaced and have good drainage, the 4x4 deck wears longer but is harder to repair, has poor drainage and in a short time becomes very noisy; also they are not as strong, and where large gravel has been dropped on a bridge with 4x4 deck you will find many broken planks due to the punching effect of a truck wheel on a single piece of large gravel.

The asphalt deck is very expensive to lay unless you are close to an asphalt plant; it is difficult to inspect, it stimulates rot and it is hard to repair the planking underneath. Wood block paving is also expensive, hard to repair and in freezing weather very apt to heave up on account of the moisture underneath freezing.

Concrete Decks Used

Reinforced concrete decks on wooden stringers and pile bents are something new and have the same drawbacks as an asphaltic deck, but they have been tried out by the state highway department and found satisfactory in many instances. However, in general it does not believe it is economical to place a permanent deck on a temporary sub-structure.

In choosing the type of deck to use it is now necessary with our present day traffic, to always keep in mind the inconvenience to the public in closing bridges for repair, and with this in view we in King county have adopted the 4x12-inch plank and 4x16-inch wooden stringers for our timber bridges.

Rot is the other contributing factor in timber bridge maintenance, and something very much talked of but generally overlooked. The trusses and structure below the deck are parts which suffer most from this cause. De-

bris is allowed to collect on the deck and this in time is pushed under the guard rails and over the bottom chord where it usually remains to stimulate rot. During the repair of decks the dirt is dropped on the caps, sills, or pedestals below. Chord members unprotected from the sun, checks, which allows moisture to penetrate into the heart of the timber. These conditions could be and should be eliminated in the maintenance work by systematic inspection and cleaning. The truss members and handrails exposed to the sun should be painted.

Replacements or Renewals

When the time arrives for replacement or renewals there are many things that have to be considered. The first is—the amount of money placed in the budget for the job in hand. The type of highway the bridge is located on. That is, is it an arterial highway or just a feeder. The amount of traffic it has to carry at the present time and the probable amount in the future. Where possible, I believe it is economical to build permanent bridges on main highways; that is what we are doing in King county. On roads feeding into the main highways, which are classed as road district roads and on which the funds are limited, replacement is best made by timber structure.

In the design of these new bridges considerable thought should be given to future maintenance and the maintenance problems that we now have on the old bridges can be almost, if not entirely, eliminated.

Truck Weight Studied

Design for our present day traffic and with the idea in mind of preventing rot: In King county, we have assumed a typical truck with 10 foot wheelbase and six foot gauge. The space covered by one truck as 10x20 feet, symmetrical about the truck center. One-third of the weight on the front axle and two-thirds on the rear axle. With this standard size and distribution we have divided our loading into two classes—"A" and "B". Class "A" is to be for heavily traveled truck roads and Class "B" for lighter traveled roads or feeders to our main highways. Class "A" bridges are designed for a 20 ton truck loaded as per typical truck. Class "B" bridges are designed for 15 ton loads. When the clear roadway is 20 feet or more, the floor system is designed for two trucks passing. Higher unit stresses are used for floor beams, however, in this case than under the normal single load because the double load is a relatively rare occurrence.

The modern truck is capable of operating at a rate of about 12 miles per hour and the driver seldom, if ever, slows down a machine when on a bridge. To take care of this an impact of 25 per cent of the live load is taken.

In our study of rot and its prevention on timber bridges, we have found that by covering the top and bottom chords with galvanized iron and painting all timber with a good preservative paint, we can secure a life of double the life of an unprotected bridge. The economy is obvious.

BONDED DEBTS OF CITIES

The bonded debt of United States cities continues to increase at the rate of about one billion dollars a year, according to the Detroit Bureau of Government Research. The average per capita debt of all cities of 2,500 or more is \$70.80, but the per capita

debt ranges from \$258.62 for Norfolk to \$10.95 for Quincy, Ill., omitting Washington, which has only a few old bond issues outstanding. The per capita indebtedness in general is below that of thirteen principal Canadian cities, in which it ranges from \$363.05 in Edmonton, Alberta, to \$112.02 in Hamilton, Ontario.

TRADE NOTES

The Austin Company of California, engineers and builders, has moved to larger quarters at 244 Kearny street, San Francisco, Phone Garfield 5555. The move was made to enable the company to increase the forces of the organization made necessary by the increased industrial building activity in the Bay region.

American Builders Inc., have filed articles of incorporation with the principal place of business as San Francisco. The company is capitalized at \$25,000 and has the following directors: W. E. Bond, C. K. Harper and Gay Lombard.

McEvoy Well Cleaner Co., and Standard Slotted Pipe Co. of Los Angeles are erecting a plant in West Slauson Ave., Los Angeles. Will be one-story in height of brick construction covering an area of 60 by 160 feet.

Siebel Air Spring Co., A. W. McNulty, John L. Dunn, A. J. Mooney, I. D. Barnes, all of San Francisco and E. J. Norris of Oakland, has incorporated for \$500,000 and will erect a factory in Santa Barbara.

J. Platt and W. Gates are in communication with the Santa Clara Chamber of Commerce regarding the establishment of a pottery plant in that city. It is said the interested parties have \$65,000 to invest in the enterprise.

Jas. A. Doyle and Clement A. Doyle have formed a partnership and will operate under the trade name of Doyle Sheet Metal Works at 292 Fremont St., San Francisco.

Richard D. Miller, Geo. F. Selbert and Harold J. Miller will operate under the trade name of Mutual Woodworking Co., at 234 Twelfth street, San Francisco.

Homer T. Hayward Lumber Co., has purchased the Hammond Lumber Company plant at Hollister. Glenn Bronson, formerly located at Salinas, will be in charge of the Hollister yard.

C. R. Squires, building contractor of East Oakland, has opened a down town office at 382 Fifteenth street, Oakland. Thos. P. Martin and Walter P. Merrigan are associated with Squires.

Stewart Mantle & Tile Co. is occupying new quarters in the Kaliski Bldg., Alameda Ave. and Grand St., Alameda. A. C. Stewart is president of the company.

Harold A. Nugent will operate at 77 O'Farrell street, San Francisco, under the trade name of Magic Way Heating Company.

A. R. Arnold planing mill in East School street, Pisalia, was destroyed by fire, Oct. 8. Loss estimated at \$6000, partially covered by insurance.

Lowell M. Chapin will operate at 1208 Howard street, San Francisco, under the trade name of Zouri Company of California.

J. Robinson will operate under the trade name of Eclipse Plumbing Supply Company at 830 Market street, San Francisco.

Kenneth C. Phelps and John Anaudou will operate under the trade name of Quality Metal Works at 1634 Howard street, San Francisco.

Legitimate Competition is Aim of Cut Stone Men—Against Peddling

The International Cut Stone Contractors' and Quarrymen's Association recently put out the following succinct statement of what it is.

The International Cut Stone Contractors' and Quarrymen's Association, Incorporated, as the name implies is an organization of cut stone contractors and quarrymen. The quarrymen produce and supply the raw and machined material to the cut stone contractors. The cut stone contractors fabricate this material in accordance with the plans and the specifications of the architect for erection in the buildings.

Numbered among the membership of the International Cut Stone Contractors' and Quarrymen's Association are a majority of the most responsible and capable cut stone plants in the country; in fact one of the essentials to membership in the association is that an applicant must have a legitimate investment in a plant and its equipment. The membership of the association extends from Canada to the Gulf and from the Atlantic seaboard to the western states.

The purposes of the association are: To promote the use of natural stone; to arrange labor conditions in keeping with the present day standard of living; yet to keep such conditions in due bounds that cut stone may be supplied at reasonable cost, in fact at minimum cost; and to establish free and equitable competition to the end that the industry and those engaged in it may conduct their affairs on the highest plane of integrity, that the designs of the architect may be thoroughly and capably executed, and that the owner may obtain the best of cut stone work at minimum cost.

To that end a code of practice has been approved by the members of this association. This code of practice is intended to be strictly and honestly followed by the members of the association in order to supply figures in open and legitimate competition and an exercise of individual de-

termination to refrain from being a party to the peddling or shopping of work on which competitive figures previously have been taken and the general contract awarded.

It costs time and money to prepare cut stone figures. Figures, however, are cheerfully supplied by members of this association with but one chance of remuneration, viz. to obtain the work if the member is the low legitimate bidder. Surely those who solicit or make use of competitive figures must agree that the responsible low bidder who has cheerfully given his time to preparing a competitive figure on the project is entitled to the work.

This association requests—that an architect designate a definite closing date on which figures are to be opened; that general contractors soliciting cut stone figures on such project solicit at the time as many figures as may be desired; that the general contractor keep such figures absolutely confidential, and, if awarded the general contract, that the cut stone work be promptly awarded to the cut stone contractor whose bid was used.

To peddle and shop work after a general contract has been secured is a lamentable practice, one that establishes uncertainty; it is a breach of good faith.

This association has absolutely no jurisdiction, nor does it attempt any, over prices. Each and every member of the association supplies figures in open competition with an honest endeavor to obtain the work. This association has no knowledge whatsoever of the prices quoted on a project until the day following that on which figures are opened by the architect. Our purpose, as stated above, is to promote free, equitable and legitimate competition and to work with the architects and the general contractors to the end that such commendable ethics may be firmly established in the building industry.

MOTOR VEHICLES IN U. S.

On July 1, 1924, 15,552,077 motor vehicles were registered in the United States according to the Bureau of Public Roads of the United States Department of Agriculture. This represents an increase of 2,549,650 vehicles or 20 per cent over the registration of July 1, 1923. There is now one motor vehicle for each 6.6 persons. The greatest number of motor vehicles in proportion to population is found in the Pacific States where there is one motor vehicle to 3.4 persons. The number is found in the East South Central States where the ratio is 1 to 13.6. This section, however, showed a gain in registration of 32 per cent, the greatest of any group of States.

LOS ANGELES COUNCIL VOTES FOR PATENTED PAVEMENT

The question whether patented pavements would be included in Los Angeles city specifications as redrafted by the city engineering department was settled by the city council voting 5 to 4 in favor of permitting the use of patented pavements. Action by council followed a series of hearings in which both advocates and opponents of patented pavements were given a hearing and a long debate among the members of council. The city attorney was instructed to prepare an ordinance embodying the revised specifications which will come up for final action shortly.

ASPHALT-BITUMENS PRODUCTION IN 1923

Both the quantity and the value of asphalt and related bitumens produced in the United States increased in 1923 according to a statement issued by the Department of the Interior, based on figures compiled in the Geological Survey.

The sales by producers were as follows: Native asphalt and related bitumens, 40,236 short tons, valued at \$2,885,631; asphalt made from domestic petroleum, 995,654 short tons, valued at \$13,060,174; asphalt made from Mexican petroleum, 1,378,722 short tons, valued at \$16,840,045.

The imports of ozokerite and other mineral waxes were 4,856,357 pounds, valued at \$213,407, a decrease of more than 40 per cent in both quantity and value from the imports of 1922. The exports of unmanufactured asphalt were 72,628 short tons, valued at \$1,500,869, an increase in both quantity and value. The exports of manufactured products were valued at \$1,154,976.

PASTE PAINT PRODUCTION

Total production of paste paints during the first six months of 1924 totaled 253,744,100 pounds, while total sales amounted to 203,045,500 pounds. By far the greater amount was classified as white lead in oil. During the same time, the total production of ready mix, white, semi-paste paints, mill whites, and enamels was 45,122,500 gallons, with sales totaling 29,467,400 gallons.

PUBLICATIONS

ENGINEERING EXPERIMENT STATION, CHICAGO. Tests on the Hydrostatic and Pneumatic of House Plumbing, by Charles E. Houbart. The tests reported in the bulletin, which will be mailed on request without charge, were undertaken with a view of obtaining definite information concerning the positive and negative pressures found in soil-stacks, waste pipes, traps, and vent pipes, and also concerning the limitations of rates of discharge and the capacities of waste pipes and soil-stacks. It is believed that the results obtained from these tests and the principles established will be helpful when making designs of plumbing installations, and in reducing the complication and cost of plumbing work. The principal problems discussed in the bulletin are the proper types and capacity of vents for various conditions, the causes and methods of preventing self-siphonage of traps, the capacity of soil-stacks, and the effect on the pressures in a plumbing system resulting from (a) closing the top of the soil-stack, (b) mixing solid matter with the discharge from water-closets, (c) changing the length of the horizontal pipe in the basement to which the soil-stack is connected, (d) changing the height of fall in the soil-stack, (e) changing the rate of discharge, (f) the use of a house trap, and (g) submerging the outlet from the plumbing system, as may happen when the water in the street sewer rises above the outlet of the house sewer or when roof water, discharging into the house drain, overcharges it.

"Construction Equipment" is a report on current practices of accounting for construction equipment expenses after purchase. It contains information on selection, maintenance, and standardization of equipment, and includes tables showing economical life and depreciation of commonly used equipment. It illustrates forms of lease, equipment service records, and other forms. The report is published by the Associated General Contractors of America, Incorporated, 1035 Munsey Bldg., Washington, D. C., and may be purchased for 50 cents a copy.

"Specifications, Koehring, Heavy Duty Construction Mixer No. 218" is the latest addition to the list of publications prepared by the Koehring Company, Milwaukee, Wisconsin, concerning their equipment. This booklet features the 3-level control of the construction mixer and shows three actual examples of how these machines have been used on the job.

The Bogert and Carrough Company, Paterson, New Jersey, has published a new catalog describing and illustrating "Boca" steel sidewalk sash, steel basement windows, steel casement windows, continuous sash for roofs, mechanical operators, steel doors, steel partitions, and a new bronze guide for sliding ventilators.

Iowa State College of Agriculture and Mechanic Arts has published Bulletin 69 "Highway Transportation Costs," by T. R. Agg and H. S. Carter. The bulletin contains the report of an investigation conducted by the Iowa Engineering Experiment Station in cooperation with the United States Bureau of Public Roads and the Iowa Highway Commission.

To Determine Economic Value of Reinforcement in Concrete Roads

The details of plan and procedure to be followed in the investigation of the economic value of reinforcement in concrete roads, being undertaken by the Highway Research Board of the National Research Council, are now completed and field examinations are about to commence. Director Chas. M. Upham reports that the various State Highway Commissions will actively co-operate with the Board in conducting this investigation. Except in cases of actual failure, inspections will concern principally pavements having had at least five years of service, a great number of which are located in States such as New Jersey, Ohio, New York, Pennsylvania, Delaware, Wayne County, Michigan, Milwaukee County, Wisconsin, Iowa, Illinois, and California.

In this intensive study an effort will be made to determine from a survey of existing roads; the influence of steel reinforcement on the resistance of the slab to traffic, subgrade, and climatic conditions; the conditions under which steel reinforcement is especially beneficial to concrete slabs; the effect of slab design on the efficiency of reinforcement; and finally, the relative cost of plain and of reinforced concrete roads, considering the initial investment, and the annual maintenance and renewal charges.

The procedure will consist of a personal examination of a sufficient number of existing road surfaces to cover different slabs, traffic, and climatic conditions. It is proposed to supplement the examination by photographs, sketches, soil determinations and other available data. In each case, attention will be given to a study of the subgrade to determine its general characteristics and properties as well as the existing drainage conditions. In the case of the slab, a study will be

made of original data to determine the materials and proportions that entered into the concrete, the method of construction that was followed and the particular cross section used. Careful note will be made of joints, cracks, replacement areas, and general surface conditions. The influencing factors of grade, alignment, location, and maintenance will be noted, and the matter of age, traffic, and climatic conditions will be given careful consideration. In the case of the reinforcement, a study will be made of the relative amounts of longitudinal and transverse steel, the method of treating reinforcement before placing, as well as its position in the slab. The form of the reinforcement will receive consideration to determine the relative values of fabric, rods and other types in use. An effort will be made to determine the comparative value of hard steel and of mild steel for reinforcement, and the influence of continuous and non-continuous reinforcement. Wherever possible, the present condition of the reinforcement will be noted for breaks, rust, and other features of interest. Wherever obtainable, cost data will be secured covering the original as well as the maintenance investment.

The preliminary work of assembling data now available will soon be completed, at which time the field inspection will begin. The itinerary will be made out after further study, but it is proposed to pursue the investigation in the Northern Sections until cold weather, when attention will be turned to the Southern locations. It is expected that a progress report will be ready for the annual meeting of the Advisory Board on Highway Research to be held at the National Research Council building December 4th and 5th 1924.

Lumber Exports From United States Show Healthy Increase

The total exports from the United States of wood and manufactures thereof in July were valued at \$10,924,473, as compared with \$12,281,763 for the corresponding month in 1923, according to the Lumber Division of the Department of Commerce. For the seven months ended July, 1924, the total value of these exports amounted to \$88,383,832, against \$84,652,905 in the corresponding period in 1923, an increase of approximately 4.4 per cent.

July exports of logs and round timber included 3,637,000 feet of cedar, and 361,000 feet of southern pine. Exports of hewn and sawn timber included 34,237,000 feet of Douglas fir, of which 5,512,000 feet were "treated."

Southern pine shipments of hewn and sawn timber amounted to 19,571,000 feet, of which 23,000 feet only were "treated."

Softwood lumber (boards, planks and scantlings) exported during July amounted to 156,814,000 feet, the largest species being Southern pine with 70,136,000 feet. Douglas fir was the next in quantity with 43,519,000 feet.

Other exports of softwood lumber included 4,471,000 of western hemlock. Railroad ties numbering 130,530 composed of 75,765 softwood and 44,765 hardwood, were also exported during this month.

Of the hardwood lumber exported during July, oak retained its position in first place with 13,980,000 feet. Other exports of hardwood lumber included 4,471,000 feet of gum, 1,772,000 feet of poplar, 1,491,000 feet of ash, 909,000

feet of mahogany and 432,000 feet of walnut.

Cooperage exports included 1,825,731 tight and 4,577,531 slack staves, 272,694 sets of heading, 74,871 sets of tight and 103,210 sets of slack cooperage shooks, and 25,958 empty barrels, casks and hogsheds. Box shooks amounted to 12,641,611 feet, of which 4,148,504 feet were western hemlock and 1,068,661 feet southern pine.

During July, 3,614,649 square feet of veneer plywood, 1,642,000 laths and 1,859,000 shingles were also exported. Other items included 492,000 feet of hardwood flooring, 77,231 doors, 1634 sash and blinds, 351,276 linear feet of molding and trim, 1,870,741 pounds of handles for tools and 690,984 pounds for agricultural implements.

Imports of wood and manufactures thereof in July were valued at \$10,068,525, as compared with \$11,512,727 for the corresponding month in the previous year. For the seven months ended July, 1924, the total value of these imports was \$62,545,787, as compared with \$70,054,453, a decrease of approximately 11 per cent. The largest items were 143,108,000 feet of softwood lumber, 186,725,000 laths and 187,154,000 shingles, mostly from Canada. Other items included 106,061 railroad ties, 83,499 poles and 1,081,000 pickets and palings, mostly from Canada also.

Mahogany in the log amounted to 2,601,000 feet. Cedar logs to the quantity of 1,322,000 feet and hardwood lumber 4,060,000 feet were also imported during the month.

Building News Section

APARTMENTS

Figures to be Taken in a Few Days.
APARTMENTS. Cost, \$25,000.
 SAN FRANCISCO. Sixteenth Ave. near California St.
 Three-story frame and stucco apartment house (12 2 and 3-room apts.)
 Owner—J. Owen
 Architect—Baumann & Jose, 251 Kearny St., San Francisco.
 Figures will be taken for a general contract.

Plans Being Figured. Cost, \$25,000.
APARTMENTS. Twenty-second Ave. bet. Geary and Clement Sts.
 Two-story frame and stucco apartment house (12 3-room apts.)
 Owner—K. L. Gruss of Guss Air Spring Co., Inc.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco.
 Figures are being taken for a general contract.

Plans Being Prepared—To be Done by Days Work. Cost, \$65,000.
APARTMENTS. SW Green and Webster Streets.
 Three-story and basement frame and stucco apartments.
 Owner—Strand & Strand, 614 Broderick St., San Francisco.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Figures Being Taken in a Few Days. Cost, \$60,000.
APARTMENTS. Baker and Filbert Streets.
 Three-story and basement frame and stucco apartments (12 4-rm apts.)
 Owner—Stock & Jose, 251 Kearny St., San Francisco.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured. Cost, \$13,500.
APARTMENTS. S Filbert St. E of Webster.
 Two-story frame and stucco apartment house (12 2-room & 1 3-room apts.)
 Owner—C. Giampaoli.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco.
 Bids being taken for a general contract.

Bids In. Cost, \$15,000.
APARTMENTS. Oakland, Alameda Co., Cal. 5th Ave. and E 1st St.
 Two-story frame and stucco apt. house (4 4-room apts) with gas heat, wd. floors, and wall beds.
 Owner—E. Danielson.
 Architect—Hutchison & Mills, 1214 Webster St., Oakland.

Plans Being Prepared. Cost, \$17,500.
APARTMENTS. SAN FRANCISCO. SE 28th Ave. and Balboa.
 Two-story and basement frame and stucco apt. house, 2, 4-rm. and 1 5-rm apts. 2 stores and garages.
 Owner—
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.

STANTON, Orange Co., Cal.—Reed & Hibbard, Metropolitan Bldg., have completed plans and have the contract to erect a 4-story class C apartment house at NE cor. of Vine St. and Santa Monica Blvd. for Cornelius Cole Co. Dimensions 60x120 ft., stores in first story, apartments above; brick walls, press. brick facing, plate glass, steel beams, comp. rfg., marble and tile work, pine and hardwood trim and flrs., wall beds, tiled baths, elevator, steam htg.; \$144,000.

Segregated Figures Being Taken. Cost, \$75,000.
APARTMENTS. SAN FRANCISCO. E Hyde St. between Greenwich and Lombard.
 Seven-story steel frame apartment bldg. (1 apt. to each floor).
 Owner—Withheld.
 Architect—C. A. Meusdorffer, Humboldt Bank Bldg., San Francisco.

Contract Awarded. Cost, \$14,500 ea.
APTS. & GAR. (2). OAKLAND, Alameda Co., Cal. SE cor. of 5 E-19th St. 50 E 11th Ave.
 Two 2-story 16-room frame apartments and garages.
 Owner—A. Meyer, 1636 Franklin St., Oakland.
 Contractor—California Builders, 1636 Franklin, Oakland.

SEATTLE, Wash.—Arch. John A. Creutzer, Leary Bldg., completes plans for 5-story and basement, masonry, brick trimmed apartments to be erected in Minor Ave. Owner's name withheld. Est. cost \$160,000. Bids will be asked shortly.

LOS ANGELES, Cal.—Arthur Bard & Co., 421 Union Oil Bldg., awarded gen. contr. for 4-story class C apt. bldg. at n.e. cor. 5th and Bonnie Brae Sts., for Nathan Jaffe. Plans by Fred Sward, 3889 W 6th St. Bldg.: 120 1-rm. and 2-room apts., 95x143 ft., face brick with stone trim, comp. rfg., hdw. fls., tiled baths, elevator, steam htg., built in beds; \$250,000.

BONDS

REDLANDS, San Bernardino Co., Cal.—School board has called bond election for Oct. 29 to vote \$350,000 for replacing Kingsbury and Franklin schools with fireproof buildings, and adding to Lincoln school. Architects Allison & Allison, Hibernian Bldg., Los Angeles, retained to prepare plans.

Material of Merit DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors.
 Fold-up-Doors, Tl-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

SANTA BARBARA, Santa Barbara Co., Cal.—Montecito Union School Dist. has set new date for bond election on Nov. 4, at which time it is proposed to vote \$100,000 for new school. Architect Wm. H. Weeks, 363 Pine street, San Francisco, has prepared sketches for building.

PASADENA, Los Angeles Co., Cal.—A bond issue of \$750,000 will be placed on ballots as general election No. 4 for providing additional funds for Pasadena civic center buildings. \$3,500,000 was voted in June, 1923. Program calls for city hall, for which Architects J. H. Haskell, San Francisco, are preparing plans; library, Myron Huat, architect; auditorium, Edwin Bergstrom, Cyril J. Bennett, and Fitch H. Haskell, associate architects.

BURBANK, Los Angeles Co., Cal.—Burbank school board has called bond election for Oct. 29 at which time it is proposed to vote \$480,000 for new buildings, \$280,000 for high school and \$200,000 for grammar schools.

CHURCHES

Contract Awarded. Cost, \$299,960.
CHURCH. OAKLAND, Alameda Co., Cal. Twenty-sixth and Harrison Sts.
 Class A church building (plaster exterior).

Owner—First Congregational Church, Architect—John Galen Howard & Associates, First National Bank Bldg., San Francisco.

Contractor—Clinton Construction Co., 923 Folsom St., San Francisco.

Plans Complete. Cost, \$30,000.
CHURCH. MARYSVILLE, Yuba Co., Cal., SE 3th and D Sts.
 One-story frame and stucco church, tile roof.

Owner—Methodist Church, Architect—Wythe, Blaine & Olson, Central Bk. Bldg., Oakland.

Bids Opened and Under Advertisment. Cost, \$125,000.
CHURCH. BERKELEY, Alameda Co., Cal.
 Brick and steel class C church (this is the first unit of a group of buildings to cost \$250,000).

Owner—First Cong. Church, Architect—E. A. Mathews and H. G. Simpson, Call Bldg., S. F.

Bids have been opened and taken under advisement for a week. Among the contractors who figured the job are Lawton & Vegg, Oakland; Walter Sorensen, Berkeley; S. J. Bertelsen, Oakland; J. M. Bartlett, Oakland; Dinwiddie Constr. Co., San Francisco; H. P. Hoyt, San Francisco.

LOS ANGELES, Cal.—Archts. Allison & Allison, 1015 Filbert St. Bldg., have been commissioned to prepare plans for a new bldg. to be erected on Edgemont Blvd. n of Hollywood Blvd. for Thirteenth Church of Christ Scientist. There will be an auditorium to seat 1200 and a 2-story Sunday school dept. to also accommodate 1200. It will be masonry construction.

CULVER CITY, Los Angeles Co., Cal.—Architects S. Hilden Norton and Frederick H. Wallis, 716 S. Spring St., Los Angeles, are completing plans for a synagogue building and a hospital building, at Vista Del Mar, near Culver City, for the Jewish Orphanage Home of Southern California. Synagogue will seat 250 people, 1-story, 40x80 ft.; hospital will have 6 beds, 1-story 39x70 ft., brick walls, tile and composition roofing, cement and hardwood floors, gas heating, pine trim. There will also be a one-story garage, 20x30 ft., frame and plaster and a 2-story building will be altered into a laundry. Bids will be taken in about 3 weeks.

BEVERLY HILLS. Los Angeles Co., Cal.—Hooton & Associates, 444 Rose Ct., Los Angeles, have been contracted for a addition at Beverly Hills, for the Episcopal Church of the Holy Hills. It will have 125 seats and will have of base, six concrete and four holly-hollow concrete walls whitewashed, push tile and cement stone on glass, gas lighting, and plumbing. Plans, \$25,000. Owner—Johnston, Kaufman & Coates, 607 Union Bank Bldg., Los Angeles, are the architects.

TRACY, San Joaquin Co., Cal. First Pacific State, Oakland, has announced construction of two-story frame building, an auditorium and Sunday school structure, to cost \$10,000. Building Committee members are: H. M. Schaur, J. C. Christman, J. C. Jackson, M. Strout and Clyde Porter.

Factories and Warehouses

Contract Awarded.
LOFTS. Cost, \$33,000
SAN FRANCISCO. SW 14th and Minna Streets.
Three-story class B reinforced concrete lofts.
Owner—Fred J. Klenck, 309 Minna St., San Francisco.
Architect—W. H. Harper, Montgomery and Bush Sts., S. F.
Contractor—Cahill Bros., Sharon Bldg., San Francisco.

Contract Awarded.
FACTORY. Cost, \$16,350
OAKLAND. Alameda Co., Cal., E. 54th Ave. opp. E-12th St.
One-story brick factory.
Owner—General Elec. Co., 5441 E-14th St., Oakland.
Contractor—Austin Co. of California, Santa Fe Bldg., San Francisco

Contract Awarded.
COMMISSION HOUSE. Cost, Approx. \$15,000
OAKLAND. Alameda Co., Cal., Fifth & Webster Streets.
Two-story brick commission house.
Owner—Misses E. & D. Walters.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor—R. V. Littlefield, 357 12th St., Oakland.

Contract Awarded.
SHOP. Cost, \$10,000
SAN FRANCISCO. N Otis 107.3 E Brady Street.
One-story concrete paint shop.
Owner—Geo. A. Clough.
Engineer & Contractor—J. H. Hjul, 128 Russ Street.

Completing Plans.
BRICK BLDG. Cost, \$40,000
BERKELEY. Alameda Co., Cal., SW cor. Grove St. and Dwight Way.
One-story and mezzanine floor, brick walls and mill construction, roof 14 x 15 ft.
Owner—Manhattan Laundry Co., 1812 Dwight Way, Berkeley.
Engineer—R. Vane Woods, 505 17th St., Oakland.

Completing Plans.
CONCRETE BLDG. Cost, \$12,000
BERKELEY. Alameda Co., Cal., SW cor. Grove St. and Dwight Way.
One-story reinforced concrete and semi-mill construction dyeing and bleaching plant 120 x 34 ft.
Owner—Marshall Steel Co., (dry cleaners and dyers), 2124 Center St., Berkeley.
Engineer—Vane Woods, 505 17th St., Oakland.

Contract Awarded.
WAREHOUSE. Cost, \$275,000
SACRAMENTO. Sacramento Co., Cal., 16th to 18th E. & C Sts.
One- and 2-story reinforced concrete & brick packing plant, 700x300 ft.
Owner—California Packing Corp., 101 California St., S. F.
Engineer—Philip Bush, 101 California St., S. F.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.
Owners will furnish cement, brick, steel sash, steel, track work and fill.

Plans to be Prepared.
FACTORY BLDG. Cost, \$175,000
SAN FRANCISCO. Mission and Bond Streets.
Five-story reinforced concrete factory building.
Engineer—Speyer & Schwartz.
Architect—S. Herman, 57 Post St., San Francisco.
Lessee—Alcone Knitting Co.

SAN FRANCISCO. See "Government Work and Supplies," this issue. Bids wanted for elevators and spiral chute.

Preliminary Plans Being Prepared.
FACTORY. Cost, \$—
OAKLAND. Calif., Location withheld.
One-story steel and concrete factory 180 x 150 ft.
Owner—Quality Enameling and Porcelaining Co., 1643 Howard St., S. F.
Architect—None.
Preliminary plans for this structure are being prepared by two contractors who will submit estimates of cost to erect the plant.

Contract Awarded.
FACTORY BLDG. Cost, \$40,000
SAN FRANCISCO. NW cor. 8th & Folsom Sts.
One-story brick factory bldg.
Owner—Diamond Patent Showcase Co., Inc., J. P. and C. L. Shaffer, 1625 Mission St., S. F.
Designer—James P. Shaffer, 987 Mission St., San Francisco.
Contractor—F. R. Siegrist Co., 604 Williams Bldg., S. F.
Bids to be Called For Shortly
WAREHOUSE. Cost, \$500,000
SAN FRANCISCO. China Basin.
Two-story reinforced concrete terminal warehouse (building designed for 6 stories).
Owner—State Bd. of Harbor Comm.
Engineer—Frank G. White, Ferry Bldg. San Francisco.

MIAMI, Ariz.—Inspiration Cons. Copper Co., H. O. O'Brien, general manager, Inspiration, new leaching plant work will be started next Spring, will contain 42,000 cu. yds. concrete, involving 4,500,000 ft. lb., 4000 tons steel, 4500 tons lead, 500 tons copper, and 55,000 bbls cement.

Plans Being Prepared.
CLASS C BLDG. Cost, \$135,000
EMERYVILLE. Alameda Co., Cal.
Five or six class C bldgs. for Central Warehouse Group.
Owner—Pacific Gas and Electric Co., 445 Sutter St., S. F.
Architect—Engineering Dept.
Plans will be ready for figures in about six weeks.

LOS ANGELES. Los Angeles Co., Cal.—Walter E. Warne, 1111 Marsh Strong Bldg., Los Angeles, has been awarded the general contract for a four-story reinforced concrete warehouse at the northeast corner of Avery and Traction streets, for L. E. Binford, W. J. Saunders, 227 Laughlin Bldg., architect; 110x75 ft., concrete exterior, composition roofing, concrete floors, steel sash, brick filler walls, gas heating, pine trim. Cost, \$60,000.

LOS ANGELES. Los Angeles Co., Cal., Roscoe V. Hooton, 2229 W. 14th St., Los Angeles, has contracted at \$37,700 for remodeling 5-story brick loft building at the southeast corner of 7th and Los Angeles Sts., for M. J. Connell, Starrett & Payne, 426 Western Mutual Life Bldg., Los Angeles, is the architect. Work consists of reinforced concrete work, plumbing, heating, electric wiring, tile and marble lobby, maple floors, gypsum tile partitions, cop store fronts.

SAN DIEGO. San Diego Co., Cal.—Lange & Bergstrom, Commonwealth Bldg., San Diego, have been awarded contract for two-story reinforced concrete factory on 13th St., bet. F and G Sts., for San Diego Wood Products Co., T. J. McKell, president. Plaster exterior, composition roof, metal frame and sash.

SEATTLE, Wash.—Austin Co., Dexter Horton Bldg., preparing plans for 1125,000 plant to be erected for Hofius Steel & Equipment Co., in First street south, bet. Alaska and Hudson Sts. Group will comprise 2-story conc. offices, 45x70 ft.; structural steel shop, 60x300 ft.; frog and switch shops, 60x190 ft.; locomotive roundhouse, (repair work), 90x200 ft.; warehouse, 30x200 ft.

FLATS

Sub-Figures to be Taken Next Week.
FLATS. Cost, \$7000
SAN FRANCISCO. E Twenty-seventh Ave. and Irving.
Two-story and basement frame and stucco flat building (2) 4 and 5-room flats.
Owner—Geo. Solomon.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.

To Be Done By Day's Work and Sub-contracts.
FLAT BLDGS. Cost, \$40,000
SAN FRANCISCO. W Broderick 87-6 115-6 S. E. Alameda St., S. E. corner 30 W Broderick & SW corner.
Four 2-story and basement frame flat bldgs. (2 flats each).
Owner—Harry C. Warwick, 3769 Jackson St., San Francisco.
Architect—E. Musson Sharpe, 60 Sansome St., San Francisco.

Contract Awarded.
FLATS, ETC. Cost, \$12,000
SACRAMENTO. Cal.
Two-story frame flat building (4 flats) and garage.
Owner—Hubert Bradford, Forum Bldg., Sacramento.
Architect—None.
Contractor—W. R. Saunders, 2614 I St., Sacramento.

Contract Awarded.
FLATS, ETC. Cost, \$12,500
SACRAMENTO. Cal.
Two-story frame flat building (4 flats) and garage.
Owner—Hazel Irish, 964 36th St., Sacramento.
Architect—None.
Contractor—W. R. Saunders, 2614 I St., Sacramento.

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373 MONADNOCK BUILDING, SAN FRANCISCO, CALIF.
PHONE SUTTER 3549

Contract Awarded.
FLATS. Cost, \$10,000
SAN FRANCISCO, W 15th Ave. 175 S
 Lake.
 Two-story and basement frame (2) flats.
 Owner—Patrick Hannon, 531 11th Ave. San Francisco.
 Contractor—Thos. McCormick, 73 Hill St., San Francisco.

GARAGES

MADERA. Madera Co., Cal. Super-visors order plans prepared for concrete block garage at county hospital. Plans will be made by county surveyor.

Completing Plans—Ready for Figures in a Month. Cost, \$130,000

GARAGE. Cost, \$130,000
SAN FRANCISCO. E. E. Henderson, bid. Commercial and Clay Sts.

Three-story and basement reinforced concrete garage.

Owner—J. J. Estate Co.
 Architect—H. H. Meyers, Kohl Bldg., San Francisco.

HANFORD, Kings Co., Cal.—Until Oct. 25, 8 p. m., bids will be received by G. W. Armstead, clerk, Hanford Joint High School District, to erect one story brick and concrete garage at school grounds. Costes and Travers, architects, Rowell Bldg., Fresno. Cert. check 10% or bidders bond req. with bid. Plans obtainable from clerk or from architects.

GOVERNMENT WORK AND SUPPLIES

Contract Awarded. Cost, \$91,977
WARD.
MARIE ISLAND, Cal.
 First unit of psychiatric ward (Spec. 4979)

Owner—U. S. Government.
 Architect—U. S. Bureau of Yards and Docks.

Contractor—Larson & Seiskist, Claus Spreckels Bldg., S. F.

SEATTLE, Wash.—See "Bridges" this issue. Bids wanted for steel girder spans, viaduct and steel truss span.

SAN FRANCISCO, Cal.—The following bids were opened on Oct. 9th, by the Constructing Quartermaster at Fort Mason, to construct spur track at Fort Mason. Bids were referred to Washington

A. Beale \$3967

Corworth and Staten 4111

C. E. Cowden 4970

Vukicevich and Bagge 8300

SAN FRANCISCO, Cal.—Until Oct. 29, 11 a. m. bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5011, to install two freight and one passenger elevator and spiral chute in Marine Supply Depot, San Francisco. Freight elevators will be hand rope controlled and passenger elevator will have push button control. Elevators will be provided with necessary motors, cars, gates, wires, cables, sheaves, counterweights, guides sheave beams and machine beams. See call for bids under official proposal section in this issue.

SAN DIEGO, Cal.—Fred W. Steffen, 221 Spreckels Bldg., San Diego, low bidder at \$5687 to replace bulkhead at naval destroyer operating base, San Diego. Recommendation of award was made by pub. wks. officer. Other bids: Ross Constr. Co., \$6162; E. D. Barclay, 2350 Columbia St., San Diego, \$6549.

SAN FRANCISCO.—Until Oct. 21, 11 a. m., bids will be rec. by U. S. Engineer Office, 35 2nd St., under Order No. 538-611, to fur. and del. 210 Vista, Solano county; 1000 ft. improved plow steel wire rope, 3-in. dia; 1900 ft. plow steel, 7/8-in. dia. Wire rope to be made of hemp core, 6-strand, 19 or 25 wire to strand. Bids also desired for 10 coils Manila rope, 4 1/2-in. cir. Further information on request.

HALLS AND SOCIETY BUILDINGS

Working Drawings Being Prepared
LODGE BLDG., ETC. Cost, \$1,000,000
SACRAMENTO, Sacramento Co., Cal.
 Eleventh and J Sts.

Fourteen-story class A lodge and store building.

Owner—Blks Club.
 Architect—Leonard H. Starkes & Co., 1010 1/2 8th St., Sacramento.

Bids To Be Called For Shortly.

BUILDINGS. Cost, \$400,000

OAKLAND, Alameda Co., Cal., 14th Ave

and E-27th St. (Highland Hospital)

Three 2-story and basement reinforced concrete class C stucco exterior

nurses home, male and female employees' bldgs.

Owner—Alameda County.

Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Bids will be advertised for the end of this month.

Bids for grading will also be called for.

Contract Awarded. Cost, \$12,000

ADDITION. Cost, \$12,000

SAN FRANCISCO, SE McCoppin and Stevenson Sts.

Steel frame and brick addition for gymnasium.

Owner—Salvation Army, 36 McAllister St., S. F.

Architect—Truscon Steel Co., 709 Mission St., S. F.

Contractor—Truscon Steel Co., 709 Mission St., S. F.

ORANGE, Orange Co., Cal.—Archts.

Allison & Allison, 1405 Hibernian Bldg.

are preparing plans for a store and lodge bldg. to be erected at Orange for

Oddfellows Lodge. Three-story, 5x120 ft., reinf. conc. conc. frame and flrs.

the filler walls, stucco and cast stone

exterior, plate glass, comp. rfg., pine

trim; \$125,000.

HOLLYWOOD, Los Angeles Co., Cal.

Architect Julia Morgan, Merchants' Exchange Bldg., San Francisco, is preparing plans for new club house at

Lodi Place and Lexington Ave., Hollywood, for Hollywood studio Club, Miss

Williams, Secretary, 6125 Carlos Ave., Hollywood.

Construction details not definitely determined. Work will be started about March 1, 1925.

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LOS ANGELES

HOSPITALS

Completing Plans—Bids To Be Called
 For in About Two Months.
POWER HOUSE ETC. Cost, \$—
OAKLAND, Alameda Co., Cal., 14th Ave. and E-27th St.

Two-story and basement reinforced class C power house unit (boiler plant, garage, linen rooms, laboratory, etc.).

Owner—Alameda County.

Architect—H. H. Meyers, Kohl Bldg., San Francisco.

Plans Being Figured. Cost, \$35,000

SERVICE BLDG. Cost, \$35,000

LIVERMORE, Alameda Co., Cal., County Tuberculosis Hospital.

Two-story frame and stucco service building.

Owner—Alameda County.

Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

VISALIA, Tulare Co., Cal.—County

Purchasing Agent authorized to arrange for painting interior of county hospital building.

LOS ANGELES, Cal.—J. C. Bannister

6331 Hollywood Blvd. has been awarded the general contract at \$273,192 for erecting a class A addition to the Methodist Hospital and a 4-story class C nurses' home bldg. on Hope St., near

28th St. for Methodist Hospital of So. Cal. Alfred W. Rea & Chas. E. Garstank, 365 Trust & Savings Bldg., architects. Other contracts were awarded as follows: Plumbing to J. C. Taylor, Glendale, \$41,142; heating to Hoagland & Landon at \$7592; wiring to American Electric Construction Co. at \$17,415; painting of hospital to Robert P. Tuttle at \$9550; painting of nurses' home to Arenz-Warren Co. at \$4629.

The hospital will be 3-story and basement, 37x163 ft., reinf. conc., frame & floors, brick filler walls, stucco exterior, hollow tile partitions, comp. rfg., tiled baths. 2 elevators; the nurses' home will be 4-story and basement, 80x136 ft., brick construction, comp. rfg., pine trim, steam htg.

LOS ANGELES, Cal.—Stromwell-Halperin Co., 1007 S Grand Ave., are completing plans for a 5-story class A hospital bldg. on a 2-acre site at Temple, Hoover and Council Sts., known as Observation Hill, one block no. of Beverly Blvd. for the Osteopathic Sanitarium Hospital, Inc. Dr. Harry W. Forbes, pres. Dr. Norman F. Sprague, secy. Pipe and construction reinf. conc. frame and doors, red ruffle brick exterior, dimensions 148x38 ft., white terra cotta trim, Colonial style. Est. cost, \$500,000. Bldg. will be fully equipped for X-ray, surgical, and obstetrical work. Electric aut. elevator, water softener, silent call sys., radio connections, electric dumb-waiter, etc. Excav. has started.

SACRAMENTO, Cal.—Until Oct. 27, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to fur. and install furnishings and equipment in new county hospital. Specifications and lists of materials desired on file in office of clerk. Cert. check 10% payable to Chairman of Bd. of Suprs. req.

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HOTELS

Contract Awarded.
ADDITION Cost, \$69,007.
EUREKA, Humboldt Co., Cal.—Block bounded by 7th, 8th and 11 Sts., on site of and adjoining present Eureka Inn.
 Three-story frame hotel addition (50 rooms, 7000 bath).
 Owner—Eureka Hotel Co., Eureka, Cal.
 Constructed on plans of Fred Whitton Constr. Co., 369 Pine St., San Francisco.
 Contractor—Fred J. Maurer & Son 2935 Pine St., Eureka.

Contract on Street—Sub-figures to Hotel, Eureka, Calif.
MARYSVILLE, Yuba Co., Cal., Fifth and E Sts., 16th & 17th.
 Five-story reinforced concrete hotel (11 rooms, 11 single rooms and 80 b. by the estimated price).
 Owner—Marysville Hotel Co., (A. H. Bonham is president).
 Architect—Edward Glass, Underwood Bldg., San Francisco.
 Contractor—J. C. Evans, 802 E St., Marysville.
 The contract has just been signed and construction was started October 11th. Mr. Evans will take sub-figures shortly.

GLENDALE, L. A. Co., Cal.—Klinne & Westchouse, 536 W. W. Hellman Bldg., Los Angeles, have the gen. contract for \$314,700 and have started work on a 6-story class A hotel, apt. and store bldg. at cor. E Broadway and Glendale Ave., for Hotel Ave., for Hotel Glendale, Inc. It will have stores and lobby on first fl. and 160 rms. in upper fls., divided into 45 single apts. and hotel rooms. Plans by Lindley & Selkirk, San Anon. Bank Bldg., Los Angeles. Reinf. conc. constr., 6-story and basement, L-shape, 128x136x40 ft., press. brick facing, comp. rfg., plate glass, steam hts. sys., cem. pine and hardwd. fls., tiled baths, 2 elevators, wall beds, pine trim; \$350,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Arthur Bard & Co., 421 Union Oil Bldg., Los Angeles, award, general cont. for 4-story class C hotel at cor. State and Mason Sts., Santa Barbara, for Loren White; 71x166 ft., face brick ext., comp. fl., plate glass and met. floors, elevator; \$180,000. Plans by Fred Sward, 3869 W 6th St., Los Angeles.

ICE AND COLD STORAGE PLANTS

SAN DIEGO & **LA JOLLA**, San Diego Co., Cal.—Union Ice Co., will start work at once on 2 new ice manufacturing plants at La Jolla and San Diego. Cost, \$150,000. Three other plans are completed at National City, Ramona, and on San Diego water front.

POWER PLANTS

LOS ANGELES, Cal.—E. A. Irish, 621 L. W. Hellman Bldg., awarded cont. at \$200,000 electric substitute for the 34th St. viaduct, across the Los Angeles river and tracks of the A. T. & S. F. Ry. and the Union Pac. Ry. bet. Santa Fe Ave. and Rio Vista Ave.

PHOENIX, Ariz.—S. Morgan Smith Co. awarded cont. for 31,500 h. p. vertical turbines for New Horse Mesa Dam power project, General Electric Co. awarded cont. for 31,250 K. V. A. generators, and 117,000 K. V. A. 11,000-volt transformers, to be installed at Horse Mesa, Roosevelt, Goldfield, Miami and Superior. Certain other equipment incl. lightning arrestors and switching equip., amounting to \$200,000, was also purchased. C. C. Cragin, chief engr.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 31, bids will be rec. by public serv. comm., 207 S Broadway, for 3, 10,000 KV-A transformers; spec. P-313. Jas. F. Vrooman, secretary.

MODESTO, Stanislaus Co., Cal.—Until Oct. 22, 7:30 p. m., bids will be rec. by H. E. Graeg, city clerk, to fur. two 15 KVA 2300 V. 6.6 amp. 60 cyc. constant current transformers of latest and most approved design. Cert. check 10% payable to Mayor of City req. Further information obtainable from clerk.

SEATTLE, Wash.—Until Oct. 24, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. one street railway cable 22,900 ft. long, 1 3/16-in. dia. Further information obtainable from above office.

GALT, Sacramento Co., Cal.—Until Oct. 28, 7:30 p. m., bids will be received by F. G. Fawcett, clerk, Galt Joint Union High School District, heating system for buildings including erection of 1-story concrete and brick power house. Davis-Heiler-Pearce Co., architects, Delta Bldg., Stockton. Estimated cost, \$12,000. Cert. check 10% req. with bid. Plans on file in office of architects.

PUBLIC BUILDINGS

Contract Awarded.
COMMUNITY HOUSE Cost, \$17,840
PIEDMONT, Alameda Co., Piedmont Park.
 One-story frame community house.
 Owner—City of Piedmont.
 Architect—Meyer & Johnson, 742 Market St., San Francisco.
 Contractor—Fred Westlund, 351 12th St., Oakland.

Completing Plans.
CITY HALL Cost, \$40,000
DUNSMUIR, Siskiyou Co., Cal.
 City Hall building, reinforced concrete, cement exterior, tile and composition roof, wood and cement floors.
 Owner—City of Dunsmuir.

Architect—Woollett & Lamb, Mull Bldg. Sacramento.
 Plans will be ready for figures in about six weeks.

PASADENA, Los Angeles Co., Cal.—See "Roads," this issue.

DELANO, Kern Co., Cal.—City trustees authorized preparation of plans for city jail building. County will pay portion of cost.

SAN ANDREAS, Calaveras Co., Cal.—Until Nov. 3, 3 P. M., bids will be received by W. P. Poe, County Clerk, to fur. and install complete one metal double-faced sloped top roller shelf counter containing 18 openings, each opening being 24 in. deep, 2 1/2 in. high and 18 1/2 in. wide in the clear. Cert. check 10% req. Further information obtainable from clerk.

KINGSBURG, Fresno Co., Cal.—City trustees purchase site in Marion St., bet. Draper and Lewis Sts., and will ask bids shortly to erect new city jail.

PASADENA, L. A. Co., Cal.—Arch. Myron Hunt, 111 Hibbard Bldg., L. A., is preparing working plans for the new public library bldg. to be erected at Pasadena. It will be 1-story and part 2-story, with 3-story book stacks; dimensions, 180x110 ft., base incl. under a large portion; reinf. conc. constr., stucco and stone ext., plate tile rfg., hardwd. trim, tile and cem. fls., steam hgt. plant; \$400,000.

LOS ANGELES, Cal.—Weymouth Crowell Co., 2104 E 15th St., was low bidder at \$129,800 for all work complete for erecting the new central library bldg., at 5th St. and Grand Ave., for the Board of Library Directors, City of Los Angeles. Bertram G. Goodhue, deceased archt., Carlton M. Winslow, 921 Van Nuys Bldg., assoc. archt. The other bids were: Edward, Wildest & Dixon Co., \$1,315,600; L. A. Planning Mill Co., \$1,319,200; Clinton Construction Co., \$1,325,000; North Pacific Construction Co., \$1,335,000.

LOS ANGELES, Los Angeles Co., Cal.—Until 2 P. M., Nov. 10, bids will be received by L. A. Board of Supervisors for general work, including concrete, brick and tile masonry, carpentry, composition roofing and lathing and plastering for unit No. 1, Museum of History, Science and Art, Exposition Park, to be completed by June 15, 1925. Plans and specifications No. 4, of 1924 on file with Allen Architects' Assn., 1136 Citizens National Bank Bldg., Los Angeles. Deposit of \$20 for plans, to be refunded. Certified check or bond 10%. L. E. Lampton, County Clerk. Building will be 3-story and basement, 150x200 ft., steel frame, brick and concrete filler walls, tile partitions, stone facing, composition roof, concrete floor and roof slabs. Marble and tile, cork tile, interior fittings, 2 elevators, heating and ventilating, plumbing, painting and electrical work will be let under separate contracts, for which bids will be advertised later. Cost, \$500,000.

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BERKELEY, Alameda Co., Calif.—The following bids were opened by E. M. Hann, city clerk, of Berkeley, for construction of a one-story and stucco fire house. It is to be erected on Arch Street near Spruce from plans prepared by Arch. James W. Plachek, 2014 Shattuck Ave., Berkeley. Bids were taken under advisement:

1—Heath & Wendt, Amer. Bank Bldg., Berkeley, \$11,091; (1) \$462; (2) \$2,464; (3) \$1615.
2—Conner & Conner, \$11,221; (1) \$125; (2) \$1,270; (3) \$883.
3—Schnebley & Horststrawer, \$11,347; (1) \$410; (2) \$1,851; (3) \$1,452.
4—Hinds Bros., \$11,590; (1) \$370; (2) \$1,750; (3) \$950.
5—Dinnie Const. Co., \$11,875; (1) \$1,150; (2) \$1,138; (3) \$528.
6—S. O. McDonald & Son, \$11,998; (1) \$400; (2) \$1,272; (3) \$975.
7—W. T. Jones, \$12,493; (1) \$418; (2) \$1,422.50; (3) \$1,634.

RESIDENCES

To Be Done By Day's Work. Cost, \$6500
ALTERATIONS
MILL VALLEY, Marin Co., Cal.
Remodel and add to residence.
Owner—Wm. Muller.
Architect—Walter C. Falek, Hearst Bldg., San Francisco.

Completing Plans—Ready For Figures
Next Week. Cost, \$45,000
PIEDMONT, Sea Cliff Ave.
Two-story frame and stucco residence of Italian architecture with terra cotta tile roof (3 rooms).
Owner—Withheld.
Architect—C. W. McCall, Alameda Co. Title & Ins. Bldg., Oakland.

Plans Being Prepared. Cost, \$12,000
DWELLING
SAN FRANCISCO, SE Sea Cliff & 26th Avenue.
Two-story and basement frame dwlg.
Owner—Harry E. Allen Inc., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

To Be Done By Day's Work and Sub
Contracts. Cost, \$25,000
RESIDENCE
SAN FRANCISCO, SW Jackson and Octavia Sts.
Two-story and basement frame residence.
Owner—F. R. Grannis.
Architect—E. E. Young, 2002 California San Francisco.

Sub-figures Being Taken. Cost, \$10,000
RESIDENCE
RICHMOND, Contra Costa Co., Cal.
Two-story and stucco residence (7 rm. and separates).
Owner—Allen Brown.
Architect—Frederick H. Reimers, Tribune Tower, Oakland.

Sub-figures Being Taken. Cost, \$20,000
LAKE ORINDA, Alameda Co., Cal.
Two-story and stucco Spanish style country residence.
Owner—Perry Vearne, Pres. Claremont Hotel Co.
Architect—Frederick H. Reimers, Tribune Tower, Oakland.

Contract Awarded. Cost, \$9312
RESIDENCE
SAN FRANCISCO, E 30th Ave. 50 N Irving.
Two-story frame and stucco residence.
Owner—H. C. Eggers, 612 12th Ave., San Francisco.
Architect—Powers and Ahnden, 460 Montgomery St., San Francisco.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco.

Plans Being Figured. Cost, \$15,000
RESIDENCE
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story and basement frame and stucco residence.
Owner—John Calkins Jr., Syndicate Bldg., Oakland.
Architect—Ernest Coxhead, Hearst Bldg., San Francisco.
Figures are being taken for a general contract.

Contract Awarded. Cost \$11,000
RESIDENCE
OAKLAND, Alameda Co., N Trestle Glen Rd. 100 W Sunnyhill Rd.
Two-story 10-room residence.
Owner—Mrs. A. Lanteri, 2910 Telegraph Ave., Oakland.
Contractor—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Contract Awarded. Cost, \$15,000
RESIDENCE
SAN FRANCISCO, Santa Monica Ave., St. Francis Wood.
Two-story frame residence (shingle roof).
Owner—A. H. Lustig, 1129 Union St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Fred Hansen, 510 Pine St., San Francisco.

Plans Being Figured. Cost \$—
ALTERATIONS
ATHERTON, San Mateo Co., Cal.
Alter and add to residence.
Owner—Geo. Roos of Roos Bros.
Architect—John K. Branner, 251 Kearny St., San Francisco.

Plans Being Prepared. Cost, \$5000
ALTERATIONS
SAN FRANCISCO, 1650 9th Ave.
Alterations and addition to residence (plaster exterior and general remodeling).
Owner—
Architect—Faber & Hildebrand, 110 Sutter St., S. F.

Plans Being Prepared. Cost, \$12,000
RESIDENCE
RICHMOND, Contra Costa Co., Cal.
Two-story frame and stucco residence.
Owner—Dr. H. L. Carpenter.
Architect—Jas. T. Nabett, 910 Macdonald Ave., Richmond.
Plans were previously prepared for a flat building.

Contract Awarded Cost, \$14,000
RESIDENCE
PIEDMONT, Alameda Co., Cal.
Two-story frame residence.
Owner—L. G. Campbell, 1404 Franklin, Oakland.
Architect—Hutchison & Mills, 1213 Webster St., Oakland.
Contractor—F. Anderson, 1916 24th Ave., Oakland.

PRATT'S

CONCRETE MIX

By Clara Sand Pratt



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DOUGLAS 300—"easy to remember."
CAN LEAD him.
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HERE is the scheme.
BUT DON'T tell anyone.
SOME BRIGHT fellow like you.
SHOULD ERECT a bunker.
IN SAN Francisco.
TO RETAIL, Sandy's products.
FOR MONEY can be made.
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SUCH WONDERFUL sand.
AS "PRATTCO Amber Mix."
CONSISTING OF Prattco No. 4.
OR SANDY'S coarse sand.
FROM MONTEREY County.
AND PRATTCO Amber No. 2.
OR SANDY'S fine sand.
A PERFECT concrete sand.
THEN YOU would have.
AT YOUR command.
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AND ROCK screenings.
FROM PRATTROCK (near Folsom).

IN SAN Francisco.
IS DEVELOPING.
FOR PRATT'S Marysville sand.
AND SCREENED American River sand.
FROM PRATT'S plant.
AT SACRAMENTO.
JUST THINK.
OF HAVING the product.
AT YOUR command.
FROM PRATT'S three sand plants.
AND SANDY'S rock-crushing plant.
COSTING \$250,000.00.
SOMEONE WILL build bunkers.
TO RETAIL Sandy's products.
AND SOMEONE.
WILL SAY to Sandy.
"I THANK you."



B. A. Wiseman, who took Sandy Pratt's tip and built retail sand, rock and gravel bunkers in San Francisco to sell the product from Sandy's three sand plants and Sandy's \$250,000.00 rock-crushing plant.

Plans Being Prepared
RESIDENTIAL Cost, \$9,000
OAKLAND, Alameda Co., Cal. Lake-
shore Highlands.
Two-story frame and stucco residence.
Owner—Russell Eymann, 158 60th St.,
Oakland.
Architect—Hutchinson and Mills, 1214
Webster St., Oakland.

Plans Being Prepared
RESIDENTIAL Cost, \$12,000
SAN FRANCISCO, Green St. near Toy-
lor.

Two-story frame and stucco residence.
Owner—Mr. Gay Farnham.
Architect—Carl Wornat, 605 Market St.,
San Francisco.

Contract Awarded
RESIDENTIAL Cost, \$16,000
SAN FRANCISCO, S. Washington St.,
182-46 W. Walnut.
Three-story and basement frame and
stucco residence, clay tile roof.
Owner—Dr. H. H. Salzman, 700 Fred-
erick St., S. F.
Architect—Samuel Lightner Hyman
and A. Appleton, 68 Post St., S. F.
Contract for J. Jacks & Hyman, 180 Jessie
St., S. F.

LOS ANGELES, Cal.—Thos. C. Mar-
low, 127 Security Bldg., has the con-
tract for a 14-room residence on Muir-
field Rd., north of 3rd St., for P. H.
Booth, Robt. D. Farquhar, 427 Security
Bldg., archt. Two-story 63x63 ft. frame
constr., plas. ext., shingle rfg., gas
hig. sys., tile baths, tile and hardwood
fls., hardwood, and pine trim, wrought
iron garage; \$45,000.

SCHOOLS

Contractor Taking Sub Figures.
SCHOOL Approx. \$400,000
SAN JOSE, Santa Clara Co., Cal.,
Grant St.
One and 2-story reinforced concrete
school building.
Owner—City of San Jose, Grant School,
W. L. Bachrodt, secy. of Board of
Education.
Architect—W. H. Weeks, 369 Pine St.,
S. F. and Binder & Curtis, San Jose,
associated.
Contractor—Robert Trost, 26th and
Howard Sts., San Francisco.
Mr. Trost is now taking sub figures.
As previously reported, the heating
was awarded to F. Studer, 667 E St.,
James Street, San Jose.

Plans Being Prepared
GYMNASIUM Cost, \$20,000
(1st unit \$8,000)
VALLEJO, Solano Co., Cal.
One-story frame gymnasium, (1st unit)
Owner—Board of Education of Vallejo.
Architect—W. A. Jones, Vallejo.
Plans will be ready for figures in
about three weeks.

Contract Awarded.
ART BLDG. Cost, \$87,508
OAKLAND, ALAMEDA Co., Cal.
First unit of reinforced concrete art
building.
Owner—Milpitas College.
Architect—W. H. Hatchell, Mer. Trust
Bldg., Berkeley.
Contractor—E. T. Leifer & Son, 3601
West St., Oakland.

SUISUN, Solano Co., Cal.—Until Oct.
24, 1924, P. M. bids will be received
at the Board of Education, 270 City Hall,
School District, to const. school build-
ing. Cert. check 10% req. with bid.
Plans obtainable from clerk and on
file in office of County Sup. of Schools
at Suisun.

SAN FRANCISCO—Until Oct. 27, 3 P.
M. bids will be rec. by Leonard S.
Leavy, Purchasing Agent, 270 City Hall,
to fur. 1,200 Mosher Type chairs for
school dept. Further information ob-
tainable from above office.

LOS ANGELES, Los Angeles Co., Cal.—
Architect Thos. Franklin Power, 2615
W. 7th St., is preparing working draw-
ings for 2 additional buildings and con-
necting arcade at Atwater St. school
site for L. A. Bd. of Ed. One of the
buildings will house auditorium and
the other 9 classrooms, toilets, etc.
Fireproof constr., plaster exterior, clay
tile roof, heating and ventilating sys-
tem, appropriation for work is \$84,000.

SAN FRANCISCO—Until Oct. 27, 3 P.
M. bids will be rec. by Leonard S.
Leavy, City Purchasing Agent, 207 City
Hall, to furnish 3014 steel lockers for
school dept. Further information ob-
tainable from above office.

PASADENA, Los Angeles Co., Cal.—
Architect Cyril Haskell and Fitch
H. Haskell, 600 Security Bldg., Pasa-
dena, have been commissioned to pre-
pare plans for new administration
building of Pasadena School District
and for remodeling building on Frank-
lin school site, where administration
building will be built. It will conform
in type and construction to civic cen-
ter group, and will house general offices
and assembly room.

SACRAMENTO, Cal.—Until Oct. 27, 5
P. M. bids will be received by Chas. C.
Hughes, Sec'y., Board of Education, to
fur. f. o. b. schools, 100 or more oak
side chairs without arms; 100 or more
folding portable auditorium chairs
ganged in sets of two's of which any
type may be submitted, 100 or more
oak tablet arm chairs. Cert. check
10% payable to Bd. of Education req.
Further information obtainable from
Secretary.

SAN FRANCISCO—Until Nov. 12, 3
p. m. bids will be received by Board
of Public Works to erect Dudley Stone
School in Haight St. bet. Masonic and
Central Aves. John Ed. Jr. City Ar-
chitect. Bids are wanted under the
following segregations: general con-
struction, est. cost, \$320,000; mechan-
ical equipment, \$16,000; plumbing and
gas fitting \$15,000; electric work \$12,-
000. Plans obtainable from Bureau of
Architecture, 2nd floor, City Hall. Plans
call for a two-story reinforced con-
crete with terra cotta trim, 24 class-
room elementary school.

CORCORAN, Kings Co., Cal.—Until
Oct. 24, 8 p. m., bids will be rec. by
H. M. Goodrich, trustee Corcoran Gram-
mar School District, to fur. and install
sprinkling system for school lawn in
Letts Ave. Cert. check 10% req. Plans
obtainable from above.

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and in Ventilating

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149 GOUGH STREET
Phone Park 6062 San Francisco

COVINA, L. A. Co., Cal.—Salih Bros.,
Detweiler Bldg., were awarded contract
at \$149,201 for all work, comp. for new
science bldg. and alter and add to au-
ditorium at Covina high school; Train &
Williams, 226 Western Mutual Life
Bldg., archts. The science bldg. will be
2-story and basement, 155x86 ft., 15
rms., cafeteria, etc.; reinf. conc. constr.,
stucco and cast stone ext., comp. rfg.,
wood fls., reinf. conc. stairways and
corridor fls.; the add. to auditorium
will be 55x73 ft. The bids were: Salih
Bros., \$149,201; John Simpson & Co.,
\$156,500; Cresmer Manufacturing Co.,
\$159,850; J. F. Kobler, \$161,983; J. C.
Bannister, \$162,750; Orndorff & Gow,
\$163,700; J. S. Metzger & Son, \$165,821;
Lange & Bergstrom, \$167,000; Anton
Johnson Co., \$173,490; J. F. Atkinson,
\$174,000; Barkeloe & Gould, \$176,758;
Bennet & Weigh, \$171,410; J. B. Goss,
Constr. Co., \$173,455; Dan Callahan,
\$169,380; Hodge & McMacinn, \$169,690;
John I. Kane & Co., \$178,347; B. D.
Kronick, \$177,000; Chas. Olcester,
\$168,300; G. W. Penn, \$168,600; C. A.
Schweissinger, Jr., \$165,937; Willard-
Brent Co., \$169,276

COMPTON, L. A. Co., Cal.—Until 12
o'clock noon Nov. 3, 1924, bids will be
rec'd by the clerk of the Compton gram-
mar school dist. at his office, in the
First Natl. Bank Bldg. Compton, for
the erection complete of a 1-story
frame and stucco domestic science bldg.
58x100 ft., comp. rt., on So. Tamarind
St. Plans and spec. may be obtained
from the office of Frank M. Goodwin,
archt., 203 W. Main St., Compton, betw.
the hours of 3 and 5 p. m., upon deposit
of \$10. Cert. check or bond 5%. Judge
Irving F. Austin, clerk.

INGLEWOOD, L. A. Co., Cal.—Orn-
dorff & Gow, Inc., 511 E. Gate St., Ingle-
wood, Los Angeles, was awarded contract
at \$113,600, including general contract
plastering, chimney, hardware, maple
fls., cedar doors, eagle over door, flag
pole, duck rail, lathing, belt between
fls. and steel trusses, for erecting a 2-
story and basement brick Fine Arts
bldg. on the Inglewood High School
campus, for the Union High School
Dist. G. A. Howard, Jr., Story Bldg.,
Los Angeles, archt. Other contracts
awarded: Plumbing—J. M. Eustace 1246
E 9th St., at \$5588. Heating and venti-
lating—Pemberton Htg. & Vent. Co.,
105 Macy St., at \$995. Elec. wiring—
American Elec. Constr. Co., 757 E 9th
St., at \$3541.60. Painting—W. C. Kelly,
206 New Market St., Inglewood, at \$5-
701. Intercommunicating telephones—
American Elec. Constr. Co., 757 E 9th
St., at \$2423.20. Library equipment—
Library Bureau, 759 So. Los Angeles St.,
shelving at \$1180 and furniture at
\$4803. Bids on the following were tak-
en under advisement: roofing, cement
walks, blackboards, window shades,
tile drains, and opalite.

LOS ANGELES, Cal.—Until 9 a. m.,
Oct. 29, bids will be rec. by Los Ange-
les bd. of ed. for new bldg. at 9th St.
School site 830 Towne Ave. Separate
bids will be taken on general, plum-
bing, painting, electrical, and heating
and ventilating. Plans and spec., as
prepared by archt. dept. of bd. ed., on
file at 730 Security Bldg. Cert. or cash
check or bond 5% Wm. A. Sheldon,
secretary.

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DIRECT FACTORY BUYERS

BAKERSFIELD. Kern Co., Cal. As previously reported, Peterson & Elsler, Bakersfield, at \$87,850 awarded contract for general construction of two-story brick academic building at Kern County High School Grounds. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. W. M. Fisher, Bakersfield, at \$7,618 awarded heating and Star Electric Co., Bakersfield, at \$2,950 electric work. Complete list of bids follows:

General Contract

Wm. G. Reed, San Diego, \$2,370
Metzger & Son, Los Angeles, 94,900
Currie & Duglar, Bakersfield, 96,800
Henry Elsler, Bakersfield, 97,000
Zimmerman & Lindsly, Bakersfield, 108,700
Heating
W. M. Fisher, Bakersfield, \$7,618
E. A. Newman, Fresno, 8,580
Electric Work
Star Elec. Co., Bakersfield, \$2,950
Kern Valley Elec. Co., 3,105
Electric Shop, Bakersfield, 3,319

COLMA, San Mateo Co., Cal.—The following bids were received on Oct. 8, by the Board of Trustees of the Jefferson Union High School District to furnish furniture and equipment for the new high school building from plans prepared by Architect W. H. Weeks, 369 Pine Street, San Francisco. and Tribune Tower, Oakland.

Wall cases and wall tables awarded to Sampel and Cody, Call Bldg., San Francisco, and program clocks awarded to Standard Electric Time Co. All other bids were taken under advisement until next week.

Proposition (1) wall cases and wall tables; (2) furniture for cooking room; (3) gas ranges; (4) furniture for sewing room; (5) chemistry and physics laboratory furniture; (6) combination bid.

Fink & Schindler Co., (1) \$6978; (2) \$1498; (4) \$891; (5) \$4697; (6) \$18,975.

Mullen Mfg. Co., (1) \$5960; (2) \$1755; (4) \$765; (5) \$5915; (6) \$13,855.

Sampel & Cody, (1) \$4800.

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M.J. MacDonald

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100% Mechanical Key.

Plaster Wall Board

(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Brass & Kuhn, (1) \$6823; (2) 1761; (4) \$935; (5) \$4562; (6) \$14,076.
C. F. Weber & Co., (2) \$2543; (3) \$736; (4) \$1556; (5) \$6041.

Program Clocks

Pacific Electric Clock Co., \$764
Standard Electric Co., 681

BANKS, STORES & OFFICES

Sub Contracts To Be Awarded Shortly.
BUILDING Cost, \$184,950
SAN FRANCISCO, Ninth Avenue and Geary Street.
Three-story and basement steel and reinforced concrete building.
Owner—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—Bliss and Faville, Balboa Bldg., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.
Structural steel—Ralston Iron Works 20th and Indiana Sts., S. F.

Plans Being Prepared—To Be Done By Day's Work.
STORE BLDG. Cost, \$—
BERKELEY, Alameda Co., Cal., Allston Way.
One-story reinforced concrete store bldg. (7 stores).
Architect—Chas. W. McCall, Alameda County Title & Ins. Bldg., Oakland.

Sub Figures To Be Taken.
STORE Cost, \$10,000
SAN FRANCISCO, SW 4th and Clara Streets.
One-story and mezzanine floor class C store.
Owner—Barrett & Hill, 918 Harrison St., San Francisco.
Architect—R. W. Jenkins, 243 Diamond St., San Francisco.

Contract Awarded On a Percentage Basis.
STORES & OFFICES Cost, \$52,000
SAN MATEO, San Mateo Co., Cal., B St. bet. 3rd and 4th Sts.
Two-story reinforced concrete and hollow tile stores and offices 110x100 feet.
Owner—Loewe and Zwierlein, 168 B St. San Mateo.
Architect—Will H. Toepke, Call Bldg., San Francisco.
Contractor—Leadley & Wiseman, 207 2nd St., San Mateo.

Contractor Taking Sub-Figures.
STORE Cost, \$44,121
SAN FRANCISCO, N Market 150 W. Marshall Square.
One-story basement and mezzanine fl. reinforced concrete furniture store.
Owner—Hope Realty Co., 1021 Hearst Bldg., San Francisco.
Architect—Geo. E. McCrea, 369 Pine St. San Francisco.
Contractor—Lewis J. Cohn, 110 Sutter St., San Francisco.

Reinforcing Steel Contract Awarded OFFICE BLDG. Cost, \$—
SAN FRANCISCO, Harrison, Stuart & Spear Sts.
Five-story and warehouse bldg. with roof garden.
Owner—Hills Bros.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Mgr. of Constr.—P. J. Walker Co., Sharon Bldg., San Francisco.
Reinforcing steel, etc., awarded to Edw. L. Soule, Rialto Bldg., at \$96,642.

Steel Bids To Be Called For About November 1st.
BANK & OFFICE Cost, \$1,500,000
OAKLAND, Broadway and Fourteenth Streets.
17-story class A class and office bldg. Owner—Central National Bank.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.



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No Special Sash or Frame Detail Required.

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WHITCO HARDWARE takes the place of both hinges and adjusters.



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365 MARKET STREET
SAN FRANCISCO

Contract Awarded
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO. N. Post Street 160-
 10 W. Howell Street
 Ten-story and basement Class A office
 and 10th building
 Owner—Solah Chamberlain, (John W.
 Pineda, Mills Bldg., S. F. in charge
 (Awarding contracts)
 Architect—Balswell & Brown, 251
 Kearny St., San Francisco.
 Plans—C. T. Rondestedt, Crocker Bldg.,
 San Francisco.
Furnishing terra cotta awarded to
 Gladys McLean Co. Crocker Bldg.
 San Francisco.
Brick work and setting tile to Reed &
 Reed, 180 Jessie St., S. F.
Low bidder for concrete work—H. L.
 Peterson, Lick Bldg., S. F.

Plans Being Prepared
STORE & LOFT Cost, \$75,000
SACRAMENTO. Sacramento Co. Cal.
 N. E. 10th and M St.
 One-story and basement. Store, rein-
 forced concrete floor, steel and chain
 Owner—Arnold Biss
 Architect—Leonard P. Starks & Co.,
 1012 1/2 8th St., Sacramento

Separated Figures Being Taken
SHOP Cost, \$50,000
SAN FRANCISCO. Golden Place bet.
 S. Van Ness and Pine Sts.
 One-story and basement Class C rein-
 forced concrete shop
 Owner—C. Jorgensen, 601 Mission St.,
 San Francisco.
 Architect—Baumann & Jose, 251
 Kearny St., San Francisco.

Plans Being Figured
STORE & LOFT Cost, \$35,000
SAN FRANCISCO. 15th and Mission Sts.
 corner.
 Two-story brick or concrete store and
 loft building.
 Owner—W. H. H. H.
 Architect—Mark Jorgensen, 110 Sutter
 St., San Francisco.

Contract Awarded
STORE Cost, \$11,000
SAN FRANCISCO. E Stockton St. 20 S
 Stark St.
 One-story and basement concrete store.
 Owner—Geo. Mensior, 3025 Van Ness
 Ave., San Francisco.
 Architect—None.
 Contractor—Kincanon & Walker, 275
 Russ Bldg., San Francisco.

Bids Opened
OFFICE & STORE Cost, \$—
OAKLAND. Alameda Co., Cal., 13th and
 Franklin Sts.
 Five-story Class C brick office and
 store building.
 Owner—Yerxe & Steves Inc., 1555 San
 Pablo Ave., Oakland.
 Architect—The H. H. Winner Co., Sha-
 ron Bldg., San Francisco.
 Bids have been taken under advise-
 ment.

C. H. Hansen, care R. W. Little-
 field, 357 12th St., Oakland, \$123,700
 R. H. Caloney, Sacramento, 123,000
 Lawton & Vezev, S. F., 124,903
 J. Martinielli, S. F., 126,760
 Schuler & McDonald, Oakland, 127,311
 West Coast Const. Co., S. F., 132,590
 Barnett & Hill, S. F., 132,950
 Murch-Williams Const. Co., S. F., 133,500
 Coast Const. Co., S. F., 134,850
 W. G. Thornally, Oakland, 137,000
 Fred L. Hansen, San Francisco 144,325
 J. Furlong, San Francisco, 147,113
 Vukicevich & Bagge, S. F., 147,900

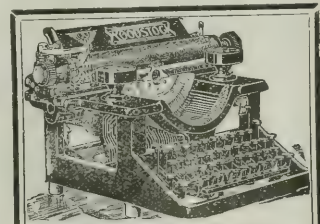
As reported before, the structural
 steel was awarded to Herrick Iron
 Works, 18th and Campbell Sts., Oak-
 land at approx. \$18,000.
 This structure was formerly planned
 for Carl Raentsch and was taken over
 by Yerxe & Steves Inc.

PHOENIX, Ariz.—Archts. Lescher &
 Mahoney, Bk. of Ariz. Bldg., are pre-
 paring plans for a 2-story and base-
 ment reinf. conc. bldg. at Yuma, Ariz.,
 for Yuma Natl. Bank. There will be
 banking quarters and 2 stores on
 fl. plas. ext., clay tile rf., black wal-
 nut and marble bank finish, wrought
 iron and bronze work, vaults, elec. ele-
 vator, vacuum steam hfg. vent. sys.;
 \$105,000. Plans will be ready for fig-
 ures about Nov. 10.

Sub Contracts Awarded.
OFFICE BLDG. Cost, \$112,000
SAN JOSE. Santa Clara Co., Cal. Third
 and San Fernando Sts.
 Two-story and basement reinforced
 concrete office building.
 Owner—Pacific Gas & Electric Co.
 Architect—Hinder & Curtis, Hinder
 Bldg., San Jose.
 Contractor—R. O. Summers, 17 N-First
 St., San Jose.
Excavation to Hauser Construction Co.,
 351 12th St., Oakland.
Structural steel to Western Iron Wks.,
 141 Beale St., San Francisco.
Reinforcing steel to Steel Service Co.,
 1230 Indiana St., San Francisco.
Millwork to Pacific Mfg. Co., 58 W. S.
 Clara St., San Jose.
Finish hardware to Valley Hardware
 Co., 236 S. 1st St., San Jose.
Vault door to Herring Hall Marvin, 214
 Calif. St., San Francisco.
Sheet metal work to Capitol Art Metal
 Co., 1133 Howard St., S. F.
Ornamental and miscellaneous iron
 work to Michel & Pfeffer 1415 Har-
 rison St., San Francisco.
Arch. terra cotta to N. Clark & Sons,
 351 12th St., Alameda, Cal.
Masonry to Wm. Raney & Son, 130
 Jessie St., San Francisco.
Metal furring, lathing and plaster to
 Leonard Bosch, 180 Jessie St., San
 Francisco.
Glazing to Tyre Bros. Glass Co., 666
 Townsend St., San Francisco.
Painting to D. Zelinsky Company, 165
 Grove, San Francisco.
Marble work to J. E. Back Co., 1533
 San Bruno, San Francisco.
Wall and floor tile to Thos. H. Price
 Co., 80 Vine St., San Jose.
Rubber tile to U. S. Rubber Co., 300
 2nd St., San Francisco.
Linoleum to Madsen Furniture Co., 61
 N 1st, San Jose, Cal.
Heating to Allan C. Douglas 2726 Hum-
 boldt, Oakland.
Plumbing to J. E. O'Mara Company, 218
 Clara St., San Francisco.
Electric wiring to Roy Butcher, 68 S
 Willard St., San Jose.

PALOS VERDES, Cal.—Arch. Web-
 ber, Stanton & Spaulding, 1017 Hiber-
 nian Bldg., Los Angeles, have com-
 pleted plans and are taking bids for a
 store and office bldg. at Malaga Cove
 Plaza, Palos Verdes, for W. W. Gar-
 ner; 4 stores on first fl., the entire
 second fl. to be occupied by the Palos
 Verdes Project; 2-story, basement, 51
 by 142 ft., brick walls, plastered, tile
 rfr., pine and com. fls., plate glass,
 aut. water htr., pine trim.

LOS ANGELES, Cal.—Arch. A. L.
 Acker, 445 Douglas Bldg. and Archts.
 Hudson & Munsell, 444 Douglas Bldg.,
 assoc., has completed plans for 2-story
 bank, store, apt. and office bldg. on
 the s.e. cor. Vermont and Vernon Aves.
 for Thos. J. McGonigle. There will be
 6 stores, 23 apts. and 5 offices. Dimen.
 91x122 ft., brick walls, press. brick
 facing, stone trim, comp. rfr., gas hfg.
 sys., tile baths and showers, hardwd.
 and tile fls., marble work, metal sky-
 lights, bronze statuary, pine trim, wall
 beds, vault; \$60,000.



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 SAN FRANCISCO, CALIF.



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

Manufacturers of

ENCLOSED EXTERNALLY OPERATED SAFETY SWITCHES, KNIFE SWITCHES, METAL SWITCH AND CUT-OUT BOXES, SAFETY SWITCH BOARDS

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SAN FRANCISCO

Official Proposals

NOTICE TO ROCK AND GRAVEL CONTRACTORS

(Fresno County)

Notice is hereby given that sealed bids will be received by the Board of Supervisors of the County of Fresno, at its office in the Courthouse, Fresno, California, until 2 o'clock P. M., on October 24, 1924, for furnishing, f. o. b. points of delivery, the following quantities of crushed stone or crushed gravel:

3,500 tons of crushed stone or crushed gravel, ranging in size from $\frac{3}{4}$ inch to $\frac{1}{2}$ inch, at Oxalis.

1,500 tons of crushed stone or crushed gravel, ranging in size from $\frac{3}{4}$ inch to $\frac{1}{2}$ inch, at Mendota.

1,500 tons of crushed stone or crushed gravel, ranging in size from 2 inches to sand, at Mendota.

The crushed stone or crushed gravel shall be uniformly graded between the maximum and minimum sizes above designated. An allowance or tolerance of 10 per cent will be permitted for the material passing through a $\frac{3}{4}$ inch mesh screen, but no material will be tolerated which is larger than will pass through a $\frac{3}{4}$ inch mesh screen, applying to the first two items.

The crushed stone or crushed gravel shall be clean and dry, free from adulteration with soft, friable, organic or other deleterious matter. It shall show a minimum specific gravity of not less than 2.65, and of such hardness as to show a "French co-efficient of wear" of not less than 10.

Tests shall be made according to the standards of the American Society for Testing Materials.

Deliveries shall commence immediately, in carload lots, and continue in carload lots as requisitioned by the County Surveyor up to a maximum of 4 carloads per day.

Each bid must be presented under sealed cover and a certified check in the sum of 10 per cent of the total amount of the bid, made payable to the Chairman of the Board of Supervisors, must accompany each proposal as a guarantee that the successful bidder will, within ten days after the acceptance of his bid, enter into a contract with Fresno County to furnish materials as above mentioned, and furnish good and sufficient bonds according to law and rules of the Board of Supervisors conditioned upon the faithful performance of such contract, and all of the provisions thereof.

Bids not accompanied by certified checks will not be considered.

The Board of Supervisors reserves the right to reject any or all bids.

Dated this 8th day of October, 1924.
D. M. BARNWELL, Clerk.
By I. E. FARLEY, Deputy.

(Seal.)

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on October 29, 1924, for constructing portions of the State Highway System in Clark County as follows:

(1) Bids received until and opened at 1:30 P. M. for grading, construction of culverts and placing an Asphaltic Concrete or Willits Process Asphaltic Concrete Pavement and Gravel Surface between Fifth Street, City of Las Vegas, and approximately $\frac{1}{2}$ mile Northeast of the North City Limits.

(2) Bids received until and opened at 2:30 P. M. for grading, construction of culverts and placing a Gravel Surface between the West Slope of Mormon Mesa and East Slope of Mormon Mesa.

Plans may be examined and form of proposal, contract and specifications secured at the office of the undersigned. May also be examined at the

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

City or County Clerk's Office in Las Vegas for City work and County Clerk's Office for County work, the Division Engineer's office in Las Vegas, Reno or Elko and District Office of the Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen Dollars (\$15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within 30 days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specification, conditioned for the faithful performance of the provisions of the Contract and Specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Ferry Building, Sacramento, Cal., until 2 o'clock P. M., on Nov. 19, 1924, for the construction of a reinforced concrete girder bridge, 21 feet wide, across Simmons Creek, about 14 miles east of Ipsco Road, A-S-84-0, about 21 foot spans on concrete bents.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR BRIDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau
Architect's Preliminary Estimates

of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids, or to accept the bid deemed for the best interests of the State.

LOUIS EVEREDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MIXON,
State Highway Engineer
W. F. MIXON, Secretary.

Dated October 14, 1924

NOTICE TO CONTRACTORS

(Elevators and Spiral Chute)

SEALED PROPOSALS, indorsed "Proposals for elevators, San Francisco Special District No. 1," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., on October 29, 1924, and each and their package opened for two (2) sealed and one at the Marine Corps Depot for Supplies, San Francisco, Calif. Freight elevators will be hand rope controlled and passenger elevator will have push button control. Elevators will be provided with necessary motors, cars, gates, wires, cables, sheaves, counterweights, guides, snave beams, and machine beams. Specification No. 5011 and accompanying drawings may be obtained on application to the Bureau or to the Commanding Officer, Naval District, San Francisco, Calif. Deposit of a check or postal money order for \$10, payable to the order of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, August 15, 1924.

NOTICE TO CONTRACTORS

(General Contract, Heating and Ventilation—San Jose Junior High School)

NOTED P. IS HEREBY GIVEN that Sealed Bids will be received and opened by the Board of Education of the City of San Jose, Santa Clara County, State of California, in the office of the Board of Education, High School Bldg., San Jose, California, up to 3:00 P. M., on the 11th day of November, 1924, for the following work in connection with the new Santa Clara Street Junior High School, to be located in the city of San Jose, California, according to plans and specifications submitted to the same by W. H. Weeks, architect, 369 Pine street, San Francisco, or at the office of the Binder & Curtis, associated architects, San Jose, California, or at the office of the Secre-

of the Board of Education, High School, 1904, at the City of San Jose.

The contractor with the name and address of the bidder.

All bids must be accompanied by a cash or check for the amount of the bid.

Each bid must be delivered in a sealed envelope, and addressed to W. J. Bachroft, Secretary of the Board of Education, and endorsed "Proposal for the Santa Clara Street Junior High School Building."

The Board reserves the right to reject any and all bids.

W. J. BACHROFT,
Secretary of the Board of Education,
City of San Jose, California.

NOTICE TO BIDDERS

(Motor Driven Street Equipment)

Notice is hereby given that sealed bids or proposals will be received by the City Council of the City of Modesto at the Council chambers in the said City of Modesto, at 717 Tenth St., not later than 7:30 o'clock P. M., on Wednesday, the 22nd day of October, 1924, for the purchase of the City of Modesto of the following described personal property, to-wit:

1. Auto Combination Flusher and Sprinkler with 1500-gal. tank on 5-ton truck;

2. Auto Truck of 2 1/2-ton capacity, complete with closed cab and power pumped body;

3. Auto Pick-up Sweeper.

Proposals must be enclosed in a sealed envelope and directed and addressed to the City Clerk of the City of Modesto and must be delivered not later than 7:30 o'clock P. M. on the 22nd day of October, 1924.

The envelope enclosing said proposals shall also contain the following endorsement, to-wit:

"Proposal for motor-driven street equipment."

All proposals must be accompanied by a certified check on some solvent bank in the State of California, or a doing bond payable to the order of the Mayor of the City of Modesto for an amount equal to at least ten per cent of the amount of the bid, as a guarantee that the successful bidder will enter into a contract and execute the bond required; the proceeds of such check, or bond, to be retained by the City of Modesto in event of default by the successful bidder.

The successful bidder will also be required to execute and deliver to, and file with, the City Council of the City of Modesto a good and sufficient bond to be approved by the mayor of said city in an amount not less than fifty per cent of the price bid on each article as a guarantee that defective material or workmanship developed in the apparatus will be replaced and installed at the sole expense of the contractor for each separate piece of apparatus, which bond will be operative for a period of one year from the date of the delivery of the apparatus, and bidders will be required to furnish their own detailed specifications of the apparatus proposed to be furnished by such bidder, and each bidder shall state with his bid the terms of payment upon which the bid is made.

Bidders will also be required to state in their proposals the terms of the guarantee to be executed by them in connection with the purchase of said apparatus.

The Council reserves the right to accept or reject any or all bids, or any part thereof.

This notice is given by order of the Council of the City of Modesto and pursuant to Ordinance No. 272 N. S. of said city.

Dated: October 11, 1924.
H. E. GRAGG,
City Clerk.

MISCELLANEOUS BUILDING CONSTRUCTION

(Continued from Page 19)

LOS ANGELES, Cal.—Until 9 a. m., Oct. 22, bids will be rec. by Board of Education to const. incinerator at Glassell Park School, 2211 W. Ave. 30. Plans on file at 730 Security Bldg. Cert or cash, check or bond 5%. Wm. A. Sheldon, secretary.

LA VERNE, L. A. Co., Cal.—Until 10 a. m., Nov. 3rd, bids will be received for reinf. conc. orphanage bldg., at La Verne, for the Methodist Home Missionary, 1047 S Hill St., Los Angeles; boys and girls dormitory rooms, kitchen, dining room, attendant's quarters, etc. Wm. H. Weeks, 369 Pine St., San Francisco, archt.; 2-sto. and basement, 60x125 ft., plas. exter., tile rfg. cem., pine and hardwd. fls., gas hfg. sys., aut. storage water htr., terra cotta trim, pine trim. Bids will be taken sep. on gen. contr., hfg., plbg. and elec. wiring and will be opened in public at First M. E. Church, 8th and Hope Sts., Los Angeles. Requests for plans and spec. should be addressed to the archt. with check for \$25 as deposit.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 318 Mission Streets, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Daily Builder of each opportunity.

8640—Nogales, Ariz. Importing and exporting firm desires to supply pit-burned charcoal, made from very fine hard woods, and 1 1/2-in. or over in size, to San Francisco dealers in this commodity.

8641—Shanghai, China. Established American firm representing over 40 California houses, is desirous of obtaining still further connections. Manufacturers interested in developing a foreign market are requested to write giving full particulars, stating terms, commission, etc., and sending samples if possible.

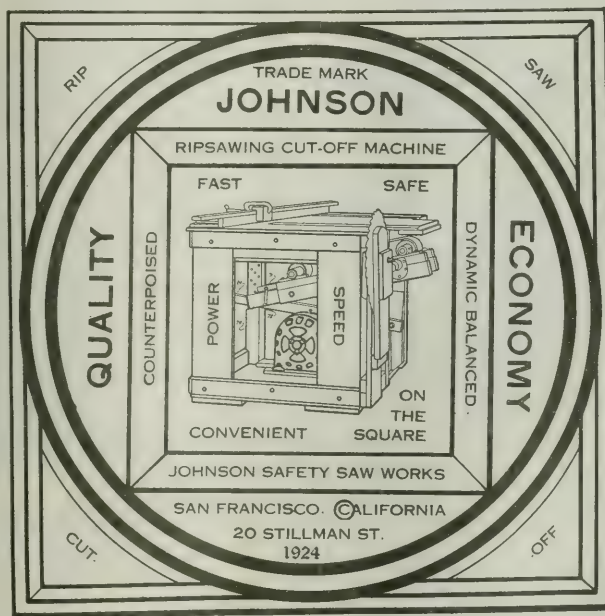
D-1383—Philadelphia, Pa. Resident with executive experience in credits and sales work in the wholesale and jobbing line desires to make connection with local concern to handle the distribution of their product in that territory. Can give excellent references.

D-1384—San Francisco, Calif. Salesman with over sixteen years experience, both city and country, wants to get in touch with local manufacturing or importing firm. Salary and commission basis. Can give bond and A-1 references.

D-1386—San Francisco, Calif. Individual with executive experience—excellent correspondent and mail order man—desires position with factory or merchandising concern. Willing to make small investment.

D-1387—San Francisco, Calif. Competent man with practical office and sales experience, capable of handling detail work and correspondence, wishes connection with local firm. Last six years in charge of warehousing, delivery and shipping service; also personal work.

See The
JOHNSON SPEED SAW TABLES
Doing Their Stuff, Performing at the
California Industries Exposition



Engineering News Section

BRIDGES

SAN LUIS OBISPO COUNTY, Calif.—Until Nov. 10, 2 p. m. bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. bridge, 21-ft. wide, across Simmons Creek, about 14-mi. east of Paso Robles, consisting of one 34-ft. and two 21-ft. spans on conc. bents. R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

SANTA ROSA, Sonoma Co., Cal.—Gates and Howe, at \$2,975 submit low bid to supervisors to const. rein. conc. bridge on Santa Rosa-Guerneville road in 3rd Sup. Dist., involving 107 cu. yds. A conc.

RICHMOND, Contra Costa Co., Cal.—Engineers Leland and Haley, 58 Sutter St., San Francisco, commissioned by City Council to prepare plans for installation of heating plant in Municipal Bathhouse. The heating system will cost approx. \$1,500.

MERCED, Merced Co., Cal.—Merced Concrete Pipe Co., Merced, at \$7200 awarded cont. by supervisors to const. wood and conc. bridge over Fresno river on Pacheco Pass Lateral of state highway.

Otto Farlier, Tulare, \$5100 award cont. to const. rein. conc. bridge over Black Rascal Creek about 1-mi. north of Merced on Six Mile Grade.

MODESTO, Stanislaus Co., Cal.—Contracts for sixteen conc. bridges in various sections of county awarded by supervisors as follows:

Tunsen, Cottrell and Tunsen, Modesto, at \$10,000 for 4 bridges in District 3 and \$6429 for 3 bridges in District 4.

Frank McIntyre, Stockton, at \$6800 for 4 in Dist. 1 and at \$5940 for 5 in Dist. 3.

SEATTLE, Wash.—Until Nov. 3, 11 A. M., bids will be rec. by Alaskan Railroad Commission, 422 Bell St. Terminal, Seattle, to fur. 27 steel girder spans, 1 steel viaduct and 1 steel truss span for use on main line of Alaskan Railroad, under Circular No. 639. Further information obtainable from branch office of commission, 510 Customhouse, San Francisco.

WATSONVILLE, Santa Cruz Co., Cal.—Vail Paint Co., Watsonville, at \$289 awarded cont. by council to paint bridge over Salinas river in Lower Main St. Other bids: Reid and Carlson, \$324; Carl Koch, \$328; Stevenson Airbrush Paint Co., San Francisco, \$247.50. Latter bid did not include furnishing paint.

MERCED, Merced Co., Cal.—Merced Concrete Pipe Co., Merced, awarded cont. by Merced Irrigation District to fur culverts.

MERCED, Merced Co., Cal.—Bids will be asked at once by Merced Irrigation District to construct bridges in connection with relocation of Yosemite Valley R. R.

VISALIA, Tulare Co., Cal.—Until Oct. 23, bids will be rec. by supervisors to const. footbridge over Tule river on main highway extending south from Porterville; steel construction, 8 ft. wide, 200 ft. long. Plans obtainable from County Surveyor Laurence A. Moye.

REDDING, Shasta Co., Cal.—Chas. F. Staheli, Igo, Calif., at \$1237 awarded cont. by supervisors to const. wooden pile bridge over Churn creek on Anderson-Churn Creek bottom road. Other bids: J. P. Brennan, \$1826; F. H. Neilson, \$2922; S. Severtson, \$1985.

YUBA CITY, Sutter Co., Cal.—V. R. Dennis Constr. Co., at \$4100 awarded cont. by supervisors to repair approaches to draw bridge at Meridian.

YUBA CITY, Sutter Co., Cal.—Hurlburt & Triplett, Yuba City, at \$1685 awarded cont. by supervisors for repairs at Tisdale weir.

YUBA CITY, Sutter Co., Cal.—Holdener Constr. Co., Yuba City, at \$25,459 awarded cont. by supervisors to const. 321 ft. of Nicolaus Causeway.

BAKERSFIELD, Kern Co., Cal.—Nate Lovelace, Visalia, at \$31,001 awarded cont. by supervisors to const. rein. conc. deck girder bridge, 5-spans, each 30 ft., 22-ft. roadway, involving 1100 cu. yds. A and 140 cu. yds. B excavation; 1920 lin. ft. timber piles in place; 492 lin. ft. timber pile cutoffs; 305 cu. yds. A and 590 cu. yds. B conc. masonry; 61,206 lbs. rein. steel; 1050 lbs. bronze expansion plate; remove present bridge.

BAKERSFIELD, Kern Co., Cal.—Proctor and Clegghorn, Rosenberg Bldg. Santa Rosa, at \$56,584 awarded cont. by supervisors to const. rein. conc. deck girder bridge over Kern river on Bakersfield-Tosedale road, consisting of 13 spans, 22 ft. roadway, 4-ft. walks, involve 1463 cu. yds. A, 1233 cu. yds. B, and 210 cu. yds. C excavation; 10,680 lin. ft. timber piles in place; 1968 timber piles cut-offs; 744.12 cu. yds. A and 1399.34 cu. yds. B concrete; 166,893 lbs. reinforcing steel; 4900 lbs. bronze expansion plates; 1 complete lighting system.

YUBA CITY, Sutter Co., Cal.—Until Oct. 27, 10 A. M., bids will be rec. by Albert B. Brown, county clerk, to repair wooden bridge over drainage canal at Pleasant Grove Station. Cert. check 10% payable to Chairman of Bd. in office of clerk. Wm. Sherer, county surveyor.

SAN RAFAEL, Marin Co., Cal.—Chas. Ghilotti, San Rafael, at \$279 awarded cont. by council to const. rein. conc. culvert in Cemetery road. Other bids: L. Lamberti, \$435; Peter Bottini, \$425.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MERCED, Merced Co., Cal.—J. Phillips at \$18 cu. yd. awarded cont. by Merced Irrigation District to const. canals in district south of Merced. Bids for canal structures selected and will be constructed by district under day labor system.

Carbide Flare Lights
OxyAcetylene Equipment
Goggles—Respirators
First Aid Supplies

Carried in stock

E. D. BULLARD

505 HOWARD STREET
San Francisco, Calif.

Douglas 6320

VALLEJO, Solano Co., Cal.—E. F. Scally, Suisun, at \$7670 submits low bid to city council to clear site for Gordon Valley reservoir in connection with municipal water system. Other bids, all taken under advisement, were: Patrick Gall, Vallejo, \$5500; B. Christ, Willits, \$7680; C. W. Pickett, San Francisco, \$9260; P. D. Marittas, Sacramento, \$8000; Kaiser Paving Company, Oakland, \$10,390; George K. Poulos, Sacramento, \$7980.

VALLEJO, Solano Co., Cal.—Edward F. Scally, Suisun, Calif., at \$7670 awarded cont. by city council to clear site for Goern Valley Reservoir in connection with municipal water system.

OAKLAND, Cal.—City council appropriates \$400 to level Government Island for use as aviation field. E. K. Sturges, city clerk.

MODESTO, Stanislaus Co., Cal.—Until Nov. 3, 10 A. M., bids will be rec. by C. S. Abbott, secy. Modesto Irrigation District, to excavate approx. 1000 yds. of earth and rock from district canals and placing of approx. 450 cu. yds. conc. in bottom and sides of canal; sand, cement and rock to be furnished by district. Cert. check 10% payable to Pres. of Dist. rec'd with bid. Plans obtainable from secretary.

COLTON, Cal.—City Engr. C. A. Hutchinson instructed to prepare plans for flood control aqueduct and road from Mill St. to Santa Ana river at so. line of the city limits in 3 sections. The north section will run from Mill St. to La Cadena Ave. and will consist of conc. lined aqueduct, 16 ft. wide at bottom, est. to cost \$14 lin. ft. The middle section will run from La Cadena to 1st St., and will be an 80-ft. paved street, with retaining wall, curbs, conc. span bridge; est. cost, \$24 lin. ft. The south section extends from 1st St. to so. city limits, similar in design to north section; est. cost, \$14 lin. ft. City engr. states that, exclusive of above aqueduct, necessary flood control replacements, will cost \$22,925.

LOS ANGELES, Cal.—Until 2:30 p. m. Oct. 31, bids will be rec. by harbor comm., 312 Byrne Bldg., for two 250-cu. yd. new wooden dump barges; spec 657 from harbor engr., berth 90, San Pedro.

SACRAMENTO, Cal.—State Supreme Court issues a writ of mandate commanding the State Controller to pay the State Reclamation Board \$285,147.75 the initial amount claimed to be due from the \$3,000,000 state emergency fund in the treasury and not appropriated. The money will be expended on the Sutter-Butte By-Pass project over a period of eleven years.

IRRIGATION PROJECTS

CALIFORNIA—Following is a partial list of applications filed during the month of September with the State Department of Public Works, Division of Water Rights, Sacramento, Calif. for permits to appropriate water:

App. 4182 (El Dorado County) City of Sacramento for 400 cu. ft. per sec. and 210,000 ac. ft. per annum storage from South Fork for domestic and irrigation purposes on 60,000 acres within the boundaries of the Sacramento Municipal Utility District and lands adjacent thereto.

App. 4184 (Ventura County) Guy T. Stetson, First National Bank Bldg., Ventura, Cal., for 22,000 ac. ft. storage from Matilija Creek tributary to Ventura River, for irrigation of 20,000 acres. Est. \$1,000,000.

App. 4190 (San Bernardino Co) L. J. Barber, 310 So. Grand Ave., Los Angeles, Cal., for 0.15 cu. ft. per sec. from 2

waterworks supplying the domestic purposes. Est. cost \$150,000.

App. 4141 (San Diego Co.) Colorado Irrigation District, Colorado, Siskiyou Co., Cal., for 12,000 ac. ft. per annum storage from Spanish River tributary to Klamath River, for domestic and irrigation purposes on 1,000 acres. Est. cost \$2,000.

App. 4136 (Riverside Co.) Rubidoux Building Co., Riverside, Cal., for 8.75 cu. ft. per sec. from Spanish Brook tributary to Santa Ana River, for irrigation of 200 acres.

App. 4137 (Los Angeles County) T. R. Elliott, W. R. Powell, C. A. Griffith, W. C. Hendrick, Dan Reichard, A. T. Egan, B. F. Stephens, M. S. Voshell, H. S. Rogers, being the San Gabriel River Water Committee, 112 Black Bluff, Los Angeles, Cal., for 30,000 ac. ft. storage from San Gabriel River, for domestic and irrigation purposes on 14,000 acres.

App. 4198 (Butte Co.) Fred Flowers, Chico, Cal., for 1.00 cu. ft. per sec. from Pine Creek Lagoon, for irrigation of 99.7 acres. Est. cost \$3,000.

App. 4201 (San Diego Co.) Bob Waterman for irrigation district to be formed in the Santa Maria Valley, Spanish Wells, Theatrical, San Diego, Cal. for 2,000 ac. ft. storage from Coleman Creek, tributary to San Diego River, for domestic and agricultural purposes on 10,000 acres. Est. cost \$10,000.

App. 4202 (San Diego Co.) Bob Waterman, for 3500 cu. ft. per annum storage from Hatfield Creek tributary to Santa Maria Creek, for domestic and agricultural purposes on 10,000 acres. Est. cost \$250,000.

App. 4203 (San Diego Co.) Bob Waterman for 5000 ac. ft. storage from Santa Ysabel River, to be diverted where East Boundary Line of Santa Ysabel Grant crosses Santa Ysabel River, for domestic and irrigation purposes on 10,000 acres. Est. cost \$50,000.

App. 4205 (Tulare Co.) Lindsay Strathmore Irrigation District, Lindsay, Tulare Co., Cal., for 25,000 ac. ft. per annum storage from Kaweah River. Balance of diversions by wells. For domestic and irrigation purposes on 15,000 acres of land.

App. 4208 (San Diego Co.) La Mesa Lemon Grove and Spring Valley Irrigation District, 301 Union Bldg., San Diego, Cal., for 10 cu. ft. per sec. and 3000 ac. ft. per annum storage from San Diego River, for domestic and irrigation purposes on 14,225 acres. Est. cost \$50,000.

App. 4209 (San Joaquin Co.) D. G. I. E. and F. H. Saunders, Stockton, Cal.

for 2 cu. ft. per sec. from San Joaquin River, for irrigation of 163 acres. Est. cost \$1500.

App. 4210 (Plumas Co.) A. W. Lasher, 100 9th St., Oakland, Cal., for 50 cu. ft. per sec. from South Fork of Feather River, for hydraulic mining and gravel washing. Also domestic purposes. Est. cost \$3600.

App. 4211 (Sierra Co.) A. W. Lasher, 100 9th St., Oakland, Cal., for 60 cu. ft. per sec. and 300 ac. ft. per annum storage from West Branch of State Creek for generation of electrical energy for mining purposes. Est. cost \$7000.

App. 4212 (Sierra Co.) A. W. Lasher, 100 9th St., Oakland, Cal., for 30 cu. ft. per sec. and 300 ac. ft. per annum storage from West Branch of State Creek for hydraulic mining and gravel washing. Est. cost \$2000.

App. 4214 (Inyo Co.) Burnham Chemical Co., Westend, San Bernardino Co., Cal., for .11 cu. ft. per sec. from Eight Springs in Graham Jones Canyon and tributaries, for domestic and mining purposes. Est. cost \$50,000.

App. 4215 (San Joaquin Co.) L. J. and E. M. Locke, Tip Anderson, Lockeford, Cal., for 2.08 cu. ft. per sec. from Mokelumne River for general agricultural purposes. Est. cost \$4000.

App. 4216 (Lake and Mendocino Cos.) Potter Valley Irrigation District, care J. W. Gross, Forum Bldg., Sacramento, Cal., for 10 cu. ft. per sec. and 12,500 ac. ft. per annum storage from South Eel River, for irrigation of 5000 acres. Est. cost \$10,000,000.

App. 4217 (San Diego Co.) Harry Wm Maddux, Escondido, Cal., for .087 cu. ft. per sec. from Escondido Creek, for domestic purposes and irrigation of 63.22 acres. Est. cost \$5000.

App. 4218 (Yolo Co.) Holland Land Co., William Timson, Walter J. Seaborn, San Francisco, Cal., 35 cu. ft. per sec. from West Cut of Reclamation Dist. No. 993, for general agricultural purposes, irrigating 2800 acres. Est. cost \$10,000.

App. 4220 (Los Angeles Co.) City of Los Angeles and Board of Public Service Commissioners of City of Los Angeles for 1000 cu. ft. per sec. and 55,000 ac. ft. from San Francisco Creek, for municipal purposes, City of Los Angeles through Owens River Aqueduct. Est. cost \$1,250,000.

App. 4223 (Los Angeles Co.) Glendora Consolidated Mutual Irrigation Co., Glendora, Cal., for 40 cu. ft. per sec. from Big Dalton & Little Dalton Canyons for irrigation of 2280 acres.

App. 4224 (Santa Barbara Co.) W. J. N. McCurdy, Los Angeles, Cal., for 5 cu. ft. per sec. from an unnamed stream near Day's Canyon, for agricultural and domestic use on 800 acres. Est. cost \$15,000.

App. 4225 (Inyo Co.) W. L. Seely, Los Angeles, Cal., for 1 cu. ft. per sec. from an unnamed spring, for mining purposes. Est. cost \$5000.

App. 4226 (Sacramento Co.) Julius Hauser, care J. W. Gross, Forum Bldg., Sacramento, Cal., for 5.75 cu. ft. per sec. from Sacramento River, for irrigation of 466 acres. Est. cost \$10,000.

App. 4228 (Amador & Calaveras Cos) East Bay Municipal Utility District, 505 17th St., Oakland, for 500 cu. ft. per sec. and 350,000 ac. ft. storage from Mokelumne River, for municipal purposes in cities in Sacramento and San Joaquin Valleys and those bordering on San Francisco Bay.

App. 4229 (Amador & Calaveras Cos) East Bay Municipal Utility District, for 11,000 cu. ft. per sec. and 800,000 ac. ft. per annum storage from Mokelumne River, for agricultural use, flood control, and saline control in lower San Joaquin and Sacramento Rivers. Est. cost \$15,000,000.

App. 4230 (Plumas Co.) Arthur B. Riehl, 1166 Washington St., San Francisco, Cal., for 12 cu. ft. per sec. from South Branch of Middle Fork of Feather River, for mining purposes. Est. cost \$2000.

App. 4231 (Inyo Co.) Mary Ashe Miller, care B. N. Maynard, attorney, First National Bank Bldg., San Francisco, for 5 cu. ft. per sec. from Diaz Creek for agricultural purposes on 440 acres. Est. cost \$6000.

App. 4237 (Stanislaus Co.) Patterson Ranch Company, Patterson, Cal., for 27.36 cu. ft. per sec. from San Joaquin River for irrigation purposes on 2189.29 acres. Est. cost \$35,000.

App. 4238 (Butte Co.) Western Pacific Railroad Co., Mills Bldg., San Francisco, Cal., for .39 cu. ft. per sec. from Berry Creek, for railroad purposes. Est. cost \$7500.

App. 4239 (San Joaquin Co.) Mary B. Percival, R.F.D. No. 8, Box 98, Stockton, Cal., for 1 cu. ft. per sec. from San Joaquin River, for irrigation of 87.56 acres.

App. 4241 (Trinity Co.) Gus Perigot, Blue Lake, Humboldt Co., Cal., for 12 cu. ft. per sec. from New River, for hydraulic mining purposes. Est. cost \$15,000.

Permit Granted

Following is a partial list of the permits issued by the Division during the month of September:

Permit No. 1816 (Stanislaus County) Issued to James Wisnom, San Mateo, Cal., for 2.5 cu. ft. per sec. from San Joaquin River for irrigation of 200 acres. Est. cost \$10,000.

Permit 1818 (San Joaquin Co.) R. N. Blossom, Thornton, Cal., for 12 cu. ft. per second from Mokelumne River, for irrigation of 978.31 acres. Est. cost \$7500.

Permit 1820 (Los Angeles Co.) Thos. Gallagher, Little Rock, Cal., for 1 cu. ft. per sec. and 50 ac. ft. per annum from Indian Spring and Cienega to be developed for underground water for irrigation of 120 acres and domestic purposes. Est. cost \$1000.

Permit 1821 (Napa Co.) City of Napa, Napa, Cal., for 2000 ac. ft. per annum from Milliken Creek for municipal purposes. Est. cost \$300,000.

Permit 1823 (Sierra Co.) Walts Bros., Reno, Nevada, for 8000 ac. ft. per annum from Dog Valley Water shed for irrigation of 2000 acres, and also as a fish raising and pleasure plant. Est. cost \$18,575.

Permit 1825 (Sierra Co.) Sovereign Comet Gold Mining Co., Downieville, Cal., for 3 cu. ft. per sec. from Jim Crow Canyon for power purposes; proposes to develop 153 T.H.P. Est. cost \$10,000.

Permit 1826 (Sierra Co.) Sovereign Comet Gold Mining Co. for 5 cu. ft. per sec. from Ladies Canyon for power purposes; proposes to develop 123 T.H.P.

Permit 1827 (Amador Co.) W. S. Allen and L. L. Cuneo, Sutter Creek, Cal., for 1 cu. ft. per sec. from Sutter Creek for mining purposes. Est. cost \$1000.

Permit 1828 (Amador Co.) W. S. Allen and L. L. Cuneo, Sutter Creek, Cal., for 1 cu. ft. per sec. from Sutter Creek, for power purposes. Proposes to develop 28 T.H.P. Est. cost \$1000.

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Permit 1829 (Tehama Co.) Mrs. C. H. Harris and Margaret Moore, Tehama, Cal., for 8 cu. ft. per sec. from five 100 ft. wells (underground water) for irrigation of 445 acres. Est. cost \$12,000.

Permit 1830 (Sacramento Co.) The McCormick - Williamson Co., Sacramento, Cal., for 19.8 cu. ft. per sec. from Mokelumne River, Shodagness Slough and a dredge cut. Irrigation of 1,800 acres. Est. cost \$20,000.

Permit 1831 (San Bernardino Co.) San Lucas Ranch Co., Santa Ynez, Cal., for 3 cu. ft. per sec. from well in Santa Ynez River. Irrigation of 2,942 acres. Est. cost \$20,000.

Permit 1832 (San Bernardino Co.) San Lucas Ranch Co., Santa Ynez, Cal., for .72 cu. ft. per sec. from well in Santa Ynez River, for irrigation of 38 acres. Est. cost \$7,000.

Permit 1833 (Mono Co.) The Nevada California Power Co., Riverside, Cal., for 1742 ac. ft. per sec. from Rush Creek, for power purposes. Proposes to develop 2016 T.H.P. Est. cost \$19,845.

Permit 1836 (Riverside Co.) James I. Gulick, Elsinore, Cal. for 25 cu. ft. per sec. from Dickey Canyon for domestic use and irrigation of 70 acres. Est. cost \$10,000.

Permit 1837 (San Bernardino Co.) Elizabeth F. Hahn, Victorville, Cal., for .05 cu. ft. per sec. from Faith Spring for domestic use and irrigation of 40 acres. Est. cost \$1,000.

Permit 1840 (Sonoma Co.) F. E. Barrett, Healdsburg, Cal., for .25 cu. ft. per sec. from Dry Creek for irrigation of 20 acres. Est. cost \$2,000.

Permit 1841 (Plumas Co.) M. J. Scanlon Lumber Co., Massack, Cal., for .15 cu. ft. per sec. from Spring Creek for domestic and industrial purposes at sawmill. Est. cost \$1,000.

Permit No. 1842 (Inyo Co.) Big Pine Mining Co., Big Pine, .022 cu. ft. per sec. from Wacobe Canyon for mining and domestic purposes. Est. cost \$10,000.

Permit 1845 (San Bernardino Co.) U. S. Forest Service, Los Angeles, Cal., for .025 cu. ft. per sec. from percolating water for domestic purposes on fifty residential lots in Clifton Heights Tract. Est. cost \$15,000.

Permit 1846 (Plumas Co.) Great Western Power Co. of California, San Francisco, for 2 cu. ft. per sec. from Geon Creek for domestic purposes.

Permit 1847 (Nevada Co.) D. L. Jungok, Berkeley, Cal., for 40 ac. ft. per annum from Boulder Brook for irrigation of 200 acres. Est. cost \$15,000.

PLACERVILLE, El Dorado Co., Cal. — Petitions are being circulated seeking formation of irrigation district to comprise 81,000 acres extending from upper end of district now served by El Dorado Water Company from irrigable territory between Park and Hazel Valley down to the township line at Shingle. The first unit of improvements, ditch work, will cost approx. \$200,000. County Farm Advisor Jones and County Assessor Scott are interested in the project.

LIGHTING SYSTEMS

LOS ANGELES, Cal. — Ed. Pub. Wks. approves spec. to install 137 pressed steel post light, sys. in Western Ave., bet. Santa Barbara and Slauson Aves.; 1911 Act.

LOS ANGELES, Cal. — Finley-Hunt Co., 572 Court St., San Bernardino, awarded cont. for ornam. light system in Jefferson St., bet. Vermont and 10th Aves., at \$57,935 and in San Pedro St., bet. 61st St. and Manchester Ave., at \$58,945.

MERCED, Merced Co., Cal. — City trustees, W. W. Cornell, clerk, declare inten. (No. 385) to install rein. conc. electroliters with wires, pipes, conduits, lamps, etc., in 23rd St. bet. G and N Sts. 1911 Act & Bond Act 1915. Protests Nov. 3.

LOS ANGELES, Cal. — A. C. Rice, 1963 Santee St. awarded cont. by Ed. Pub. Wks. at \$57,321 to const. light system in Wine St., bet. Franklin and Melrose Avenues.

MACHINERY AND EQUIPMENT

MODESTO, Stanislaus Co., Cal. — Until Oct. 25, 7:30 p. m., bids will be rec. by H. E. Gragg, city clerk, to fur.

One auto combination flusher and sprinkler with 1500-gal. tank on 5-ton truck.

One auto truck of 2½-ton capacity, completed with closed cab and power pumped body.

One auto pick-up sweeper.

Cert. check 10% payable to mayor req. Further information obtainable from clerk. See call for bids under official proposal section in this issue.

BRAWLEY, Cal. — Until 7:30 p. m., Oct. 27, bids will be rec. by trustees to fur. one dump truck, 1½ to 2 ton cap., with 2 to 2½ yd. combination flat and dump body with hoist; one road grader with 8-in. blade. Spec. to be attached. O. May Juvenal, clerk.

ONTARIO, Cal. — City Service Mgr. O. S. Roen authorized to advertise for bids for tracklaying tractor, rock-distributor, and light steam-roller for use on city street work.

SAN JOSE, Santa Clara Co., Cal. — Until Oct. 27, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to fur. one or more Cateracts. Cert. check 10% payable to county clerk. Robt. Chandler, county surveyor.

SAN JOSE, Santa Clara Co., Cal. — Until Oct. 27, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to fur. one or more Packard Turbine equipped with Hadfield-Plumb Tractor-lay, rigid rail. Cert. check 10% payable to clerk req. Robt. Chandler, county surveyor.

MARICOPA, Kern Co., Cal. — Until Oct. 24, 7 P. M., bids will be rec. by C. E. Warner, clerk, Maricopa High School District, to fur. one 1-ton truck equipped with bus body with capacity of from 10 to 16 pupils. Further information obtainable from a clerk.

PASADENA, Cal. — Until 9 a. m., Oct. 22, bids will be rec. by Pasadena High School Dist. to fur. and install laundry equip. at high school. Plans obtainable from Archs. John C. Austin and Fredrick M. Ashley, 1116 Detwiler Bldg., Los Angeles. Cert. or cash. check or bond 5% L. M. Pratt, secretary.

RAILROADS

MERCED, Merced Co., Cal. — United Commercial Co., 234 Steuart St., San Francisco, at approx. \$180,500 awarded cont. by Merced Irrigation District to fur. rails, frogs, angle irons, etc., in connection with relocation of Yosemite Valley R.R.

MERCED, Merced Co., Cal. — United Commercial Co., San Francisco, awarded cont. by Merced Irrigation District, to furnish ties to be used in re-location of Yosemite Valley R. R. Bids on rails and other equipment taken under advisement.

FIRE EQUIPMENT

SPENTHREY, Monterey Co., Cal. — Bids will be asked at once by city engineer to fur. 1,000 ft. 1½-in. and 500 ft. 1½-in. fire hose.

MONTEREY, Monterey Co., Cal. — Until Oct. 21, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to fur. 1000 ft. 2½-in. and 500 ft. 1½-in. cotton rubber-lined fire hose in 50-ft. lengths, equipped with Pacific Coast Standard Couplings capable of resisting tests to 400 lbs. pressure per sq. inch and guaranteed for 3 years from date of delivery. Further information obtainable from city clerk. H. D. Severance, city engineer.

ALAMEDA, Alameda Co., Cal. — Sealed bids to an \$10,000 submitted low bid to council to fur. hook and ladder apparatus for fire department. Other bids, all taken under advisement were: Alameda, La. Fire Co., \$10,750; Mack International Motor Co., \$10,949.14; Pacific Fire Extinguisher Co., \$11,500; Stutz Fire Engine Co., \$10,995.

HILLSBOROUGH, San Mateo Co. — Town trustees authorize purchase of 250 ft. hose for chemical engine at cost of \$109.

BRAWLEY, Cal. — Until 7:30 p. m., Oct. 27, bids will be rec. by city trustees for 500 ft. std. 2½-in. fire hose. O. May Juvenal, clerk.

RESERVOIRS AND DAMS

PASADENA, Cal. — City purchases 3½ ac. land on Calaveras St., adjoining Mountain View Cemetery, for adding site for 10,000,000-gal reservoir. Samuel B. Morris, chief engr. water dept.

MERCED, Merced Co., Cal. — Merced Irrigation District rejects bids (2nd time) to furnish cement required for Exchequer Dam project. Pacific Portland Cement Co., San Francisco, bid \$2.98 bbl. net and Cowell Lime and Cement Co., San Francisco, \$2.87 bbl. Bids were rejected "because other companies did not bid," the directors declaring the bids were "not representative." New bids have been ordered called to be opened Nov. 5.

PIPE LINES, WELLS, ETC.

BLUE LAKE, Humboldt Co., Cal. — Water Committee of City Trustees plan to drill additional well for water reservoir.

SAN LUIS OBISPO, Cal. — F. H. Gates (Sisquoc Rock Plan) awarded cont. by United Sugar Co. to manufacture 30,000 lin. ft. conc. pipe for sewerage, and irrigation and drainage purposes; 15,000 ft. 24-in. and the remainder from 14 to 20-in. dia. W. E. Roselip is engineer and sales manager for the Sisquoc Company.

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TERRA BELLA, Tulare Co., Cal.—Until Oct. 21, 5 p. m., bids will be rec. by M. T. Jackson, Terra Bella awarded cont. by Terra Bella Irrigation District to drill well, 200 to 300 ft. deep, drilling of additional wells contemplated by district.

EUREKA, Humboldt Co., Cal.—Until Oct. 21, 5 p. m., bids will be rec. by John Griffith, city sept. of Public Wks., 521 D St., to fur. 1900 ft. 8-in. and 2900 ft. 8-in. class B c. i. pipe for water dept. To be delivered Eureka, f. o. b. dock, 20 days after award of contract. Further information obtainable from above office.

RED BLUFF, Tehama Co., Cal.—Bids will be asked at once by city trustees to drill well near Brewery Creek bridge.

SEWAGE DISPOSAL PLANTS

MONTEREY, Monterey Co., Cal.—Bids will be asked at once to be opened about Oct. 24, for an automatic motor and compressor for installation in Oak Grove sewer.

EXETER, Tulare Co., Cal.—A. S. Shephardson, Bakersfield, at \$625 awarded cont. by city trustees to const. new unit for sewer septic tank.

GILROY, Santa Clara Co., Cal.—Election will be called shortly to vote bonds of \$125,000 to finance sewage disposal plant. C. E. Sloan, engineer, Santa Fe Bldg., San Francisco, will prepare plans.

MONTEREY, Monterey Co., Cal.—Until Oct. 21, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to fur:

One pneumatic ejector of 100-gals. capacity complete with reducing valve, operating valve, floats, check valves, gate valves, tees and fls. together with all necessary pipe, bolts and gaskets for manhole installation.

One complete compressor plant consisting of single acting compressor of 23 cu. ft. per min., displacement, direct geared to a 5 H. P., 220 volt, 3-phase, 60-cycle squirrel cage motor—complete with automatic starting unloader, automatic start and stop mechanism controlled by pressure switch and a 2 ft. by 5 ft. receiver with pressure gauge, safety valve drain valve and inlet and outlet connections.

Specifics to be on file in office of clerk, H. D. Severance, city engineer.

MISCELLANEOUS CONSTRUCTION

PALO ALTO, Santa Clara Co., Cal.—A study of the entire frontage of the city along the Southern Pacific railroad with a view to making recommendations in reference to subways and viaducts, and including a bridge across San Francisco creek at Alma St., has been ordered by the city planning commission. The committee appointed includes J. F. Byrnes, Jr., city engineer; E. A. Cottrell and A. C. Hobart; their report is to be returned at the November meeting.

FRESNO, Fresno Co., Cal.—Until Oct. 24, 2 p. m., bids will be rec. by D. M. Barnwell, County Clerk, to fur:

Crushed stone of 1½-in. to 2-in. size, gravel, from ¾-in. to 1½-in. in size, at Mendota.

1500 tons crushed stone or crushed gravel, from ¾-in. to 1½-in. in size, at Mendota.

Cert. check 10% payable to Chairman of Board of Supervisors req. Further information obtainable from county clerk, Chris. P. Jensen, county surveyor's office. Bids to be opened for bids under official proposal section in this issue.

WATER WORKS

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor Geo. A. Kneese preparing plans to install pipe line and water system at County Farm and El Cerro. County will purchase pipe, pumping equipment and reservoir materials and let a contract for trenching and laying pipe. Elizabeth M. Kneese, County Clerk.

LOS ANGELES, Cal.—Election will be held Oct. 24 in Municipal Improvement Dist. No. 35 to vote \$275,000 bond issue for water distribution works, etc. This district is located in the vicinity of Ventura Blvd., Topanga Canyon Ave., Dumetz Rd. and Ybarra Rd.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Oct. 20, will be rec. by city council for gate valves for Devil Canyon Project, under spec. 710, as follows: 6 24-in., 5 22-in., 11 12-in., 3 10-in., 8 8-in., 23 6-in., 42 4-in., Cert. chk. or bond, 197 J. H. Osborn, city clk.

NEWPORT BEACH, Cal.—Hartley-Camp Constr. Co., 228 N. Santa Fe Ave., Huntington Park, awarded cont. by council at \$321, for 6000 ft. pipe for Island water sys., incl. laying. Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, city engr.

SEATTLE, Wash.—Low bids to install water mains in First Ave., South, received by Bd. Pub. Wks. as follows: Steel Pipe, Felix Arcorace and P. Lupis \$110,600; Jahn & Bressi, Seattle, lock bar steel pipe, \$118,588.

LOS ANGELES, Cal.—Pac. Cast Iron Pipe & Fdy. Co., 688 Rio St., awarded cont. by pub. serv. comm. at \$36 lb. for 1000 meter covers; spec. W-299

SANTA ANA, Cal.—Council plans to provide permanent gravity water sys. adequate for 100,000 population. Plans involve possible co-operation with Orange, in which case, two reservoirs would be needed. A conservative estimate of capacity or reservoir to supply Santa Ana (100,000 pop.) is 50,000,000 gals.

CORCORAN, Kings Co., Cal.—Until Oct. 24, 8 p. m., bids will be rec. by H. M. Goodrich, trustee, Corcoran Grammar School District, to fur. and install sprinkling system for school lawn in Letts Ave. Cert. check 10% req. Plans obtainable from above.

HAWTHORNE, Cal.—City trustees to purchase pump for well at new water plant. Bids will be rec. at 4 o'clock and 8 o'clock, Hollingsworth Bldg., Los Angeles, under no charge.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Oct. 20, bids will be rec. by council for materials and labor in connection with Devil Canyon water project as follows: Sinkings well No. 4, steel pipe outside diam., as follows: 5246 ft. 6-in., 1900 ft. 10-in., 326 ft. 12-in., 14,570 ft. 12-in., 4320 ft. 12-in., 2474 ft. 16-in., 2300 ft. 16-in., 20,436 ft. 16-in., 7000 ft. 22-in., 5508 ft. 22-in., 100 ft. 24-in., 10,974 ft. 24-in., spec 716; steel pipe inside diam., as fol: 5246 ft. 6-in., 4900 ft. 10-in., 326 ft. 12-in., 14,570 ft. 12-in., 4320 ft. 12-in., 2474 ft. 16-in., 2300 ft. 16-in., 20,436 ft. 16-in., 7000 ft. 22-in., 5508 ft. 22-in., 2058 ft. 22-in., 4900 ft. 24-in., 10,974 ft. 24-in., Spec. 708. Constr. of reinf. cession at Well No. 4, Devil Canyon Project.

EL CENTRO, Cal.—Until 7:30 p. m., Nov. 5, bids will be rec. by city trustees for 250,000 gal. eley. tank compl., one reinf. const. filtered water reservoir. Plans on deposit of \$10. Cert. chk. 5%. J. S. Loobourou, city clerk.

EL CENTRO, Cal.—Until 7:30 p. m., Nov. 19, bids will be rec. by city trustees to fur: 2 dual-drive centrifugal pumping units, 2 electric motor dr. centrifugal pumping units, 1 vertical centrifugal sump pump compl; 1 switch board compl. Plans on deposit of \$10. Cert. check 5%. J. S. Loobourou, city clerk.

PLAYGROUNDS AND PARKS

MERCED, Merced Co., Cal.—Murray-Vincent Co., Merced, at \$311 awarded cont. by supervisors to fur. and erect 1350 lin. ft. wire fencing with wire gates and metal posts at Public Cemetery Grounds, Merced. Other bids were: H. Harwood & Sons Co., Method. \$400; Fresno Fence Co., by Edw. R. Jamison, Box 104, Fresno, \$413.89.

SEWERS & STREET WORK

SANTA ANA, Cal.—F. W. Seacombe, San Bernardino, low bidder at \$10,298.20 for sewer in Myrtle St., bet. Arto in and Daisy Sts. and portions of other streets, inclv. 5530.9 ft. 8-in. pipe, 3675.83 ft. 8-in. pipe, 669.5 ft. 10-in., 1543.45 ft. 12-in. mains, 29 m. h., 6 ft. l., 2 1/2 p. work includes trenching, furn. lay, backfill.

SAN FRANCISCO, Cal.—The following bids were received on October 9th, by the Park Commissioners for the construction of tennis court fencing, tennis court paving and sewer ejector for Herbert Fleishacker Playfield at Great Highway and Sloat Boulevard. Bids were taken under advisement.

Tennis Court Fencing	
Standard Fence Co.	\$1779
Alameda and Orinda	2230
Tennis Court Paving	
Raisch Imp. Co.	\$054
Fay Imp. Co.	059
Sewer Ejector	
Simonds Machy. Co.	\$ 773
Dixon Jackson Pump Mfg.	1630
United Iron Works	1015

YUBA CITY, Sutter Co., Cal.—Until Oct. 27, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, to grade Nicolaus-Sacramento county line road from end of present pavement to county line in Rd. Dist. No. 5. Cert. chk. 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk, Wm. Sherer, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 23, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to const. conc. culvert on Vine Hill rd., about 7½ mi. from state highway leading from Santa Cruz to Fort Gatoas, Cert. chk. 10% payable to county req. Plans obtainable from County Surveyor Lloyd Bowman on deposit of \$5, returnable.

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PETALUMA, Sonoma Co., Cal.—City council, G. V. Roberts, clerk, declares intent. (No. 2025) to imp. American Alley bet. Main and Ken. paving with conc. involving grading and gutters. 1911 Act. Protests Oct. 23.

SACRAMENTO, Cal.—Until Oct. 27, 10 A. M. bids will be rec. by H. H. Hall, county clerk, to repair and grade for county road improvements. Chas. Deterding Jr., county engineer. Spec. on file in office of clerk.

SA FRANCISCO—Until Oct. 23, 2 P. M. bids will be rec. by J. L. Phelps, secretary State Board of Harbor Commissioners, Ferry Bldg., to repair and coat roofs on Perry Bldg. 27 and 31 and south extension of Ferry Bldg. Materials to be used shall consist of roofing asphalt, galvanized iron nosing, roofing felt and gravel. Plans obtained from Frank G. White, chief engineer for 55 cents. Ferry Bldg., on deposit of \$5. returnable.

SA FRANCISCO—Until Oct. 22, 3 P. M. bids will be rec. by Board of Public Works to construct road connecting Municipal Golf Links at Lake Merced with Skyline Blvd., bet. chmt. \$25,000. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

HUNTINGTON PARK, Cal.—L. A. Pav. Co., 2600 Santa Fe Ave., Los Angeles at \$18,824 awarded cont. by council to imp. State St. involv. 6-in. asphalt, conc. pave. 18.9c sq. ft.; 8-in. gut. 28c sq. ft.

L. A. Pav. Co. awarded cont. at \$18,877.00 to imp. Marbrisa Ave., involv. 6-in. asphalt, pave. 16.3c sq. ft., 6-in. gut. 25c sq. ft., 8-in. gut. 26c sq. ft., 18-in. curb 65c ft.

ALHAMBRA, Cal.—Council declares intent, to imp. Alley bet. Granada Ave. and Cordova St., 150 ft. so. of Main St. oil and rock surface, and alley bet. El Paso and Lo Cresenta Ave., Loma Vista Dr. to Las Flores St.; oil and rock surfacing.

RIVERSIDE, Cal.—R. T. Shea, Riverside, awarded cont. by supervisors at \$11,214 to pave county's portion of certain streets in city of Perris, with 5-in. asphalt, conc.

SA RAFAEL, Marin Co., Cal.—F. A. Ritchie, San Jose, at \$7049 awarded cont. by council to pave with conc. West End Ave. Other bids: Rocca and Coletti, \$7429; L. L. Price, \$8291; F. C. McIntyre, \$7429; Peter Coletti, \$7551.

LOS ANGELES, Cal.—Culjak & Bebek, 425 W. 78th St., at \$14,650 awarded cont. by Bd. Pub. Wks. to const. sewer in June St., bet. Fountain Ave. and Lexington Ave.

FRESNO, Fresno Co., Cal.—Thompson Bros., Divisadero and H Sts., at \$10,229 awarded cont. by council to imp. Res. of Inten. 19-D) Arthur and Adeline Aves. bet. Olive and Dennett Aves., involving grading; const. conc. curbs, gutters, driveway approach, sidewalks; corr. metal culverts; res. pave with 1 1/2-in. asphalt, conc. surface with liquid asphalt and rock screenings surface coat. Calif. Rd. & St. Imp. Co., Fresno, only other bidder at \$10,396.

LOS ANGELES, Cal.—Warren Constr. Co., 2221 E. 25th St., awarded cont. by Bd. Pub. Wks. at \$94,497 to pave Merrose Ave., bet. Larchmont and Western Ave.

TURLOCK, Stanislaus Co., Cal.—A. Teichert & Son, Ochsenr Bldg., Sacramento, awarded cont. by council to imp. Palm St. from pavement in place in East Main St. to pavement in place in East Olive St., involv. grading and paving with 2 1/2-in. asphalt, conc. base with 1 1/2-in. Warrentite-Bit. surface; cem. concrete curbs and gutters.

OAKLAND, Cal.—Until Oct. 23, 11 A. M. bids will be rec. by E. K. Sturgis, city clerk, to imp. Pleasant St., bet. Fruitvale Ave. and Champion St., involv. grading and paving; const. curbs, gutters, walks; sewer with lamphole and wye branches. 1911 Act. Cert. check 10% payable to city reg. W. W. Harmon, city eng.

SAN DIEGO, Cal.—Council will call election to vote \$250,000 bond issue to pave road in and around Balboa Park.

NEVADA STATE—As previously reported, bids will be rec. by State Highway Commission, Geo. W. Eorden, engineer, until Oct. 29, to const. 1.98 mi. in Clark county from 5th St. city of Las Vegas to 1650 ft. n.e. North city limits. Project involv. 7000 cu. yds. unclassified excavations; 1.61 mi. prepare subgrade and shoulders; 3210 cu. yds. crushing, loading & screening gravel; 12,650 yd. m. haul gravel; 3210 cu. yds. spread gravel; 110 cu. yds. class A and 17 cu. yds. class B concrete; 70 lin. ft. 15-in., 112 lin. ft. 18-in. and 26 lin. ft. 24-in. corr. metal pipe; 2 monuments; 2 sign posts; 12,040 sq. yds. prepare subgrade for asphalt, conc. 1400 lin. ft. curb and gutters. Bids may be submitted on either one or both types of pavement covered by the following items: (A) 5273 sq. yds. 5-in. asphalt, conc. pave, 6767 sq. yds. 3 1/2 to 5-in. asphalt, conc. pavement (B) 5273 sq. yds. Willitt Process asphalt, conc. pavement 5-in. thick, 6767 sq. yds. Willitt Process asphalt, conc. pavement 3 1/2 to 5-in. thick. The price bid for the Willitt Process asphalt concrete pavement shall include a royalty charge of 15 cents per square yard to be paid by the contractor to the Western Willitt Co.

VISALIA, Tulare Co., Cal.—C. R. Gunde, Visalia, at \$2625 awarded cont. by supervisors to const. 300 sq. ft. conc. walks at Tulare-Kings Tubercular hospital at Springville.

HUNTINGTON BEACH, Cal.—Geo. M. South, 626 Huntington Beach, awarded cont. by council to imp. California Ave., bet. Detroit and Geneva Sts., involv. 37,832 sq. ft. 3/4-in. Topeka pave. on 3/4-in. base, 21.5c sq. ft.; 8648 sq. ft. walk, 18c sq. ft.; 1463 ft. curb, 55c ft.; 296 ft. culv. \$4 ft.; light sys., \$2700. E. M. Billings, city engineer.

RIVERSIDE, Cal.—Thos. P. Crawford, 110 Laurel St., Pomona, awarded cont. by supervisors at \$38,960 to imp. portion of Corona-Elsinore highway, involv. 14,597 cu. yds. excav., 15,365.4 lin. ft. shap. roadbed, 272,377 sq. ft. macad. pave, 10,677 cu. yds. A conc. dip and walls, 9.3 cu. yds. B conc. culv., walls, 46 ft. 24-in. reinf. conc. culv., 42 ft. 36-in. corr. culv., incl. one coupling, 110 ft. 15-in. corr. culv. Materials furnished by county.

SACRAMENTO, Cal.—Kaiser Paving Co., American Bank Bldg., Oakland, awarded cont. at following amounts: Rinx Road, \$1125; Gerber Road, \$3375, Elk Grove-Walsh Station Road, \$3480; California Vineyard Road, \$2180.

LOS ANGELES, Cal.—Until 2 P. M. Oct. 27, bids will be rec. by supervisors for imp. work along Chevy Chase Dr., Sicomoro Canyon Tr. to line 2974 ft. east, involv. 7925 cu. yds. excav. including remov. trees; 5570 ft. curb; 11,938 sq. yds. shap. roadway; 11,938 sq. yds. conc. pave; 270 cu. yds. conc. in storm drain, incl. reinf. steel; 1000 cu. yds. in retaining wall; 140 ft. guard fence. County furnishes 4088 bbls. cem. and freight on sand and gravel amounting to \$209 tons.

REDWOOD CITY, San Mateo Co., Cal.—City council, W. A. Price, clerk, declares intent. (No. G-8) to imp. Adams and Clinton Sts., bet. Jefferson and Harrison Aves., etc., involv. grading and pave with 5-in. cem. conc. on 3-in. base of broken stone; cem. conc. curbs. 1911 Act and Bond Act 1915. Protests Nov. 3. C. L. Dimmitt, city eng.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crumsey, San Jose, awarded cont. by council to imp. Duane St., bet. 1st and Orchard Sts., involv. grading; pave with 1 1/2-in. Warrentite-Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. curb, gutter and walks; 2 cem. conc. inlets; 8-in. vit. pipe drains.

SEAL BEACH, Cal.—Council orders paving of Fifth, Sixth and Seventh Sts.; type not determined. Warren Hilliard, city engineer.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raich, Builders' Exchange, San Jose, awarded cont. by council to imp. Pine St., bet. Park Ave. and San Fernando St., involv. grading; pave with 1 1/2-in. Durite asphalt, conc. surface on 3 1/2-in. Durite asphalt, conc. base; hyd. cem. conc. gutters.

PASADENA, Cal.—City Manager Kolmer recommends bids to imp. Green St. be rejected except that of Griffith Co., which be held with view to awarding them the contract at \$276,026.58 after Underground Construction Co. has signed up for public utility work.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$14,057 (engineer's estimate \$15,493.45) awarded cont. by city council to const. 30-in. cem. pipe storm sewer in Union St., from Murray St. to pt. 12-ft. north of Whipple St. and 36-in. cem. pipe storm sewer in Whipple St. from Union to Broadway St., including cem. conc. pipe drainage branches; cem. conc. storm sewer manholes with c. i. frames and covers; cem. conc. catchbasins and vit. pipe drainage laterals connected to sewer.

REDWOOD CITY, San Mateo Co., Cal.—Until Oct. 21, 7:30 P. M., bids will be rec. by W. A. Price, city clerk, to imp. portions of Hilton St., Cassia St., Elm St., etc., involv. grading; pave with 5-in. cem. conc. on 8-in. base or cushion of broken stone; cem. conc. curbs. 1911 Act & Bond Act 1915. Cert. check 10% payable to town reg. C. L. Dimmitt, city engineer.

SAN FRANCISCO—Frank McHugh, 474 17th Ave., at \$6435.70 awarded cont. by Bd. Pub. Wks. to imp. Cabrillo St., bet. 41st and 42nd Aves., involv. 56 lin. ft. cem. curb, \$1 lin. ft.; 1321 sq. ft. art. stone walks, \$1.8c sq. ft.; 6 br. catch basins, \$130 ea.; 210 lin. ft. 10-in. culvert, \$2 lin. ft.; 21,788 sq. ft. asphalt, conc. pavement, \$2.9c sq. ft.

McHugh, at \$3960 awarded cont. to imp. Anza St., bet. 40th and 41st Aves., involv. 480 lin. ft. conc. curb, \$1 lin. ft.; 12,000 sq. ft. asphalt, conc. pavement, \$2.9c sq. ft.

LIVERMORE, Alameda Co., Cal.—City trustees request Geo. A. Posey, Alameda county surveyor, to prepare estimates of cost of paving L Street from 2nd St. to town limits.

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NALAVA STATE.—Until Oct. 23, 1.30 p. m. bids will be rec. by State Highway Commission, 1500 W. Franklin State highway, eastward to

(1) Grade, concrete culverts and place asphalt concrete on West slope, asphalt concrete pavement and gravel surface bet. 24th St. cuts of La. Avenue and approx. 1/2 m. n. of north city limits.

(2) Grade, concrete culverts and place gravel surface bet. west slope of Mormon Mesa and East Slope of Mormon Mesa.

See call for bids under official proposal section in this issue.

CHICO, Butte Co., Cal.—Until Oct. 23, 5 p. m., bids will be rec. by Chas. H. Campet, clerk, Chico High School District, to construct curbs and walks on Sacramento Ave. and the Esplanade. Cert. 100% payable. Plans on file in office of clerk.

OAKLAND, Cal.—Buildings between San Pablo Ave. and Broadway will be razed immediately for proposed pedestrian way, the estimated cost of which is placed at \$155,000. W. W. Harmon, city engineer.

BURBANK, Cal.—City trustees declare intent to imp. under 1911 act:

Evergreen St., Valley St. and Rose St. bet. Magnolia and Clark Aves.; curbs, walks, 4-in. oil mac.

Valencia Ave., bet. 4th and 6th Sts.; curbs, walks, 6-in. conc. pav.

San Jose Ave., bet. 4th and 6th Sts.; curbs, walks, mac. pav.

First St., bet. Cypress Ave. and Burbank Blvd.; curbs, walks, 3-in. oil mac.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 3, 11 a. m., bids will be rec. by Eugene Graham, county clerk, for road improvements totaling approx. \$108,500, as follows:

West Side road, approx. 19,845 ft. from end of present gravel surface south to Stanislaus county line; gravel surface, est. cost \$25,660.

Charles Lauffer rd., Thornton-Walnut Grove highway, thence n. along west line of Prize Medal Farms tract for 845 ft., gravel road; est. cost \$385.

Keen road from Cherokee Lane westward 5300 ft., asphalt oil surface \$9833.

H. C. Beckman rd., from Kettleman Lane south to Ranch road, approx. 2 mi., asphalt oil surface, \$20,494.50.

A. O. Stewart rd., from S. P. right of way near west end of bridge over San Joaquin river west 6600 ft., gravel surface; est. cost \$6180.

Grant Line Road, 13,196 ft. and River Drive, 5476 ft. both near Tracy, gravel surface, \$21,340.

G. Brichetto rd., from state highway south to Tracy-Vernalis rd., 15,800 ft., gravel surface, \$15,680.

Plans obtainable from County Surveyor F. E. Quail.

WILLOWS, Glenn Co., Cal.—Supervisors petitioned to extend highway from Four Corners to Colusa County line, distance of 3 1/2 mi.

SAN FRANCISCO Board of Public Works completes spec. to imp. Nevada St., bet. Cortland Ave. and Jarboe Sts., est. cost \$1390, involv. 237 lin. ft. conc. curb, 2766 sq. ft. conc. pavement, 255 sq. ft. asphalt conc. pavement.

PLATHE, Cal.—Until 7 p. m., Oct. 27 bids will be rec. by council to imp. Hobson Way, bet. Main St. and W city limits involv. 12,560 sq. ft. 6-in. conc. pav., 14,355 sq. ft. 4-in. conc. walk, 299 ft. curb returns; 194 ft. 12-in. corr. iron curb, 14,056 sq. ft. gravel shoul. 29 ft. 24-in. reinf. conc. pipe, 1 reinf. conc. end wall, 11,081 ft. monolithic curb, 126,616 sq. ft. st. grading, orn. light, sys., 14,000 sq. yds. 6-in. conc. pav., conc. sidewalks, curb, curb returns, corr. iron culverts; reinf. conc. culv.; 1911 and 1915 acts. Plans on file at 921 Merchants Nat'l Bank Bldg., Los Angeles. Marie Crenshaw, city clk. A. C. Fulmer, 646 W 7th St., Riverside, city engr. Deposit \$5 for plans.

MODESTO, Stanislaus Co., Cal.—Modesto Club of Amer. Soc. of Engineers petition supervisors to pave roadway from Stoddard school house to Escalante bridge over Escalante river, a distance of approx. 2 mi.

LOS ANGELES, Cal.—John Artukovich, 614 N Bunker Hill Ave., submitted low bid at \$28,780 to Ed. Pub. Wks. to const. sewer in 79th St., bet. South Park Ave. and San Pedro St. Next three low were: Leo Miletich, \$28,791; Nick Chutuk and Leo Vukich, \$29,602; Culkjak and Belek, \$29,824.

SAN FRANCISCO — Ed. Pub. Wks. completes spec. to imp. Tioga Ave., bet. Delta and Alpha Sts., involv. 2200 cu. yds. cut; 1280 cu. yds. fill; 690 lin. ft. conc. curb; 8820 sq. ft. art. stone walks; 4 br. catchbasins; 90 lin. ft. 10-in. iron-stone pipe culvert; 6590 sq. ft. conc. pavement, 12,000 sq. ft. asphalt concrete pavement. Est. cost \$11,885.

INGLEWOOD, Cal.—Until 8 p. m., Oct. 20, bids will be rec. by council to pave Nectarine St., bet. Eucalyptus and Damask Sts., involv. 35,754 sq. ft. grading (1400 cu. yds.), 1192 ft. curb, 5593 sq. ft. walk, 19,666 sq. ft. 5-in. oil mac, 1788 sq. ft. gut., 10 1/4-in. water sewer; 1911 and 1915 acts. Arthur W. Cory, city engr.

SALEM, Ore.—Until Oct. 28, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, to surface 30 mi. of White River-Cow Canyon section of Dalles-California highway, Wasco county, involv. 72,000 cu. yds. broken stone or crushed gravel surface. This project will be constructed in three units each of which will be approx. 10 mi. in length involv. approx. 24,000 cu. yds. surfacing materials. Spec. obtainable from Roy A. Klein, state highway engineer, on deposit of \$5, returnable.

SALEM, Ore.—Until Oct. 28, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, to const. approaches to Lewis and Clark river bridge about 2 1/2 mi. west of Astoria, Clatsop county, involv. 900 cu. yds. broken stone (1300 lin. ft. surfacing). Plans obtainable from comm. on deposit of \$5, returnable. Roy A. Klein, state highway eng.

LOS ANGELES, Cal.—Chalmers and Ford, 532 H. W. Hellman Bldg., submitted low bid to Ed. Pub. Wks. at approx. \$130,000 to pave Windsor Blvd., bet. 3rd St. and 50 ft. s of 8th St.; \$8800 lump sum grade; 478,321 sq. ft. conc. pave, 18,756, 14,810 sq. ft. 7-in. bitum. base 20c, 1090 ft. curb 58c, 4193 sq. ft. walk 18c, 1488 sq. ft. gut. 26c, \$26,700 storm drain, 40 ft. hse. con. \$1.25, 410 sq. ft. 2-in. bitum. base 10c.

SAN FRANCISCO — Ed. Pub. Wks. completes spec. to imp. Otsego Ave., bet. Onondago and Seneca Sts., involv. 794 lin. ft. conc. curb; 11,902 sq. ft. asphalt conc. pavement. Est. cost \$6550

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submitted low bid to Ed. Pub. Wks. at \$16,702.86 to pave Ethel Ave., bet. Onixard St. and Sherman Way 76,127 sq. ft. asphalt base pave 13c ft. grade, 3000 lump sum.

Griffith Co. low at \$7366 to pave Porter St., bet. alley w of Santa Fe Ave. and Mateo St.; grade \$1250 lump sum; 23,426 sq. ft. asphalt pav. 23.5c ft.; 21 ft. curb 70c ft.; 59 sq. ft. walk 21c ft.; 949 sq. ft. gut. 26c ft.; 225 hse. con. \$1.50 ft. Griffith Co. low at \$13,889 to pave 10th St., bet. Pacific Ave. and Gaffney St., San Pedro; \$1430 lump sum grade, 45,584 sq. ft. asphalt pave 22.8c; 772 ft. curb 65c; 5062 sq. ft. walk 20c; 2399 sq. ft. gut. 23c.

Griffith Co. low at \$14,483 to pave 14th St., bet. Gaffey and Parker Sts., involv. grade at \$1500 (lump sum); 38,079 sq. ft. asphalt pav. 22.8c ft., curb 65c ft., \$140 sq. ft. walk 20c ft., 2347 sq. ft. gut. 23c ft., 280 ft. hse. con. \$1.50 ft., 1120 sq. ft. conc. pav. \$1120.

EUREKA, Humboldt Co., Cal.—Mercer-Feaser Co., Eureka, at \$55,410.67 (engineer's estimate, \$56,095.83) awarded contract by council to imp. Union St., bet. Cedar and Russ Sts., involv. grading; pave with 2 1/2-in. asphalt conc. base with 1/2-in. Warrenite-Bit surf.; const. c. i. culverts with cem. conc. inverts; 6-in. vit. sewers; cem. conc. manholes; conc. curbs.

TURLOCK, Stanislaus Co., Cal.—A. Telchert & Son, Ochsenr Bldg., Sacramento, awarded contract by council to imp. Marshal St., from pavement in place in S. Front St. to Bell St. involv. grade and pave with 3-in. asphalt conc. base with 1 1/2-in. Warrenite-Bit surf. face; cem. conc. curbs, gutters, culverts.

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Name

Street and No.

City

State

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1252	Boas Valley	Martinelli	10,000
1254	Woodfield	Idol	125,000
1255	Hemming	Owner	4,000
1256	Nelson	Owner	4,000
1257	Ward	Hock	3,250
1258	McLennahan	Owner	12,000
1259	Parkside	Owner	1,000
1260	Regua	Owner	8,000
1261	Brand	Owner	1,000
1262	Ghiradelli	Owner	3,800
1263	Sarra	Raeta	3,000
1264	Kuhl	Erickson	3,800
1265	Lindeman	Owner	13,000
1266	Warwick	Owner	36,000
1267	Klenck	Cahill	33,000
1268	Barrett	Owner	10,000
1269	Alton	Owner	12,000
1270	Reichlin	Huber	3,450
1271	Romeo	Paratore	13,500
1272	Clift	Dyer	30,000
1273	Pacific	MacDonald	184,950
1274	Erickson	Owner	7,800
1275	Solomon	Owner	4,900
1276	Goldstein	Owner	3,000
1277	Wright	Paul	5,000
1278	Duffy	Dahlberg	3,000
1279	Sarra	Raeta	3,000
1280	Roos	Owner	1,000
1281	Frieberg's	Kroger	2,000
1282	Reyne	Ellison	18,12
1283	Crocker	Owner	29,500
1284	Barbieri	Cunio	7,000
1285	Dohrman	Miller	1,200
1286	Janssen	Owner	8,000
1287	Bray	Jones	16,000
1288	Mensor	Kneason	14,000
1289	Smith	Owner	4,000
1290	Liston	Owner	3,000
1291	Steinauer	Owner	7,000
1292	Moren	Owner	9,000
1293	Lawler	Christiansen	9,900
1294	Eggers	Johnson	9,312
1295	Hoeye	Owner	1,800
1296	Meyer	Owner	6,000
1297	Meyer	Owner	12,000
1298	Herbst	Siegrist	2,000
1299	Prentice	National	4,000
1300	Consani	Vannucci	4,000
1301	Johnson	Owner	8,000
1302	Weinberg	Waller	4,000

1303	Forrest	Baker	7,000
1304	Stemple	Owner	20,000
1305	Campbell	Owner	3,000
1306	Flampaoil	Owner	2,000
1307	Pologon	Weissman	3,000
1308	Jacobson	Owner	5,000
1309	Lang	Owner	6,000
1310	Lusig	Hansen	7,000
1311	Nelson	Owner	12,000
1312	Funn	Muller	1,000
1313	Rock	Owner	1,000
1314	Laib	Nelson	2,500
1315	Turnullo	Bruce	1,500
1316	Extra	Owner	1,000
1317	Eirksen	Kronnick	1,500
1318	Esikson	Owner	8,000
1319	Salvation	Truscon	12,000
1320	Shaffer	Siegrist	30,000
1321	Nahman	Jacks	16,000
1322	Hills	Soule	7,000
1323	Hills	Soule	26,642
1324	Klinck	Cahill	17,500
1325	Felix	Owner	4,500
1326	Beauchini	Owner	5,000
1327	Bortola	Owner	9,000
1328	Swales	Owner	2,000
1329	Johns	Owner	4,000
1330	Brady	Owner	2,800
1331	Pelter	Swars	18,47
1332	Thompson	Owner	3,750
1333	Dittmann	Magill	3,500
1334	Walsh	Erickson	7,000
1335	McCarthy	Owner	3,000
1336	Clough	Hjul	10,000
1337	Grannis	Young	25,000
1338	Hannon	McCormick	10,000
1339	Chamberlain	Peterson	34,626
1340	Brooks	Moore	12,362

APARTMENTS

(4253) N VALLEJO 100 E Laguna.
Ten-story and basement concrete
(9) apartments.
Owner—Nineteen Sixty Vallejo St., Inc.,
Premises.
Architect—Carl Werner, Santa Fe Bldg.
San Francisco.
Contractor—J. Martinelli, 542 Call
Bldg., San Francisco. \$140,700

LAUNDRY

(4254) NE HARRISON & SEVENTH.
One-story and mezzanine floor con-
crete laundry.
Owner—W. H. Woodfield.
Engineer—J. H. Hjul, 128 Russ St.,
San Francisco.
Contractor—J. H. Hjul, 128 Russ St.,
San Francisco. \$125,000

DWELLING
(4255) E FORTY-FIFTH AVE 200 S
Bldg., Three-story and basement
frame dwelling.
Owner—Nick Hennings, 765 22nd Ave.,
San Francisco.
Architect—None. \$4,000

DWELLING
(4256) SW THIRTY-SECOND AVE &
Lincoln Way. One-story and base-
ment frame dwelling.
Owner—F. Nelson & Sons, 2 West Por-
tal Park, San Francisco.
Architect—None. \$4,000

DWELLING
(4257) N MISSION 25 E Gottenburg.
One-story and basement frame
dwelling.
Owner—Hugh Ward, 331 Mission St.,
San Francisco.
Architect—None.
Contractor—Walter Hock, SW Eureka
and 21st Sts., S F. \$3250

DWELLINGS
(4258) E THIRTY-THIRD AVE 200,
225 and 250 S Lincoln Way. Three
two-story and basement frame
dwellings.
Owner—T. W. McLennahan, 333 16th
Ave., San Francisco.
Architect—None. \$4,000 each

DWELLING
(4259) W THIRTY-SECOND AVE 175
N Taraval. One-story and base-
ment frame dwelling.
Owner—Parkside Realty Co., 618
Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4,000

RESIDENCE
(4260) N JACKSON 120 E Cherry.
Two-story and basement frame res-
idence.
Owner—L. Regua.
Architect—Edward E. Young, 2002 Cali-
fornia St., San Francisco. \$8,000

ALTERATIONS
(4261) 254 SECOND AVE. Remodel
residence front; raise and make
minor addition.
Owner—Mrs. Ada Brand, 254 2nd Ave.,
San Francisco.
Architect—None. \$1,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

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SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

(4262) BLOCK FOUNDED BY NORTH Point, Beach, Polk and Larkin Sts. Construct brick addition for locker-room.
Owner—D. Ghiradelli Co., North Point and Larkin Sts., S. F.
Architect—William Mooser, Nevada Bank Bldg., S. F. \$3500

DWELLING
(4263) S NAPLES 225 N E Italy. 1-story and basement frame dwlg.
Owner—Antonio Sarra, 763 Naples St., San Francisco.
Architect—None.
Contractor—A. Raeta, 1101 Geneva Ave., S. F. \$3000

DWELLING
(4264) W TWENTY-SEVENTH AVE. 105 N Cabrillo. 1-story and basement frame dwelling.
Owner—Rose & Casper Kubli, 1119 Noe St., San Francisco.
Plans by owner.
Contractor—Henry Erickson, 1825 Church St., S. F. \$3800

AIR FLATS
(4265) NE BALBOA AND TWENTY-fourth Ave. 2-story and basement frame (4) apartment flats.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. \$13,000

FLAT BLDGS.
(4266) W BRODERICK 87-6 115-6 S McAllister, SW Broderick and McAllister Sts. S. F. \$3000
Owner—Harry C. Warwick, 3769 Jackson St., San Francisco.
Architect—E. M. Sharpe, 60 Sansome St., San Francisco. \$9000 each

LOFTS
(4267) SW FOURTH & MINNA STS. 4-story class B reinforced concrete lofts.
Owner—Fred J. Klenck, 309 Minna St., San Francisco.
Architect—W. M. Harper, Montgomery and Bush Sts., S. F.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. \$33,000

STORE
(4268) SW CLARA AND FOURTH. 1-story and mezzanine floor class C store.
Owner—Barrett and Hulp, 918 Harrison St., San Francisco.
Architect—R. W. Jenkins, 243 Diamond St., San Francisco. \$10,000

DWELLING
(4269) SE SEA CLIFF AND TWENTY-sixth Ave. 2-story and basement frame dwelling.
Owner—Harry B. Allen, Inc., 168 Sutter St., S. F.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. \$12,000

ALTERATIONS ETC.
(4270) N TWENTY-SECOND N 125 W Potrero Ave. N 97-6 x W 28. All work except plumbing, electric fixtures, electric wiring, finish bdw. and wall paper for alterations and additions to 1-story and basement frame building.
Owner—Joseph A. & Eva Reichlin.
Architect—Gustave Stahlberg.
Contractor—Mr. Huber.
Filed Oct. 9, 1924. Dated Oct. 4, 1924.
Frame up and bldg. enclosed. \$862.50
Brown coated & exterior. \$82.50
Scratch coat on. \$82.50
Completed and accepted. \$82.50
Usual 35 days. TOTAL COST, \$3450
Bond, \$1725; Sureties, W. S. Martinelli and Chas. Otter; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(4271) E PIERCE 112-6 S UNION S 25 by E 110. All work for 2-story and basement frame building.
Owner—A. Romeo, Foot of Leavenworth St., S. F.
Architect—E. Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Paratore & Kolburn, 773 Francisco St., S. F.
Filed Oct. 9, 1924. Dated Oct. 4, 1924.
Frame up roof sheathed. \$3375
Brown coated. \$375
Completed and accepted. \$375
Usual 35 days. TOTAL COST, \$13,500

Bond, \$6750; Sureties, A. Farina and A. Napolitano; Forfeit, \$5; Limit, 90 days; Plans and specifications filed.

STRUCTURAL STEEL
(4272) SE TAYLOR AND GEARY S 137-6 x E 137-6. Receiving, distributing, erecting structural steel for 15-story class A hotel bldg.
Owner—Clift Realty Co., premises.
Architect—Schultze & Weaver, 17 E. 49th St., New York.
Contractor—Dyer Brothers Golden West Iron Works, 17th and Kansas Sts., San Francisco.
Filed Oct. 9, 1924. Dated Oct. 8, 1924.
10th each month. \$25
Usual 35 days. TOTAL COST, \$30,000

Bond, \$15,000; Sureties, United States Fidelity & Guaranty Co.; Forfeit, none; Limit, as required; Plans and specifications filed.

EXCHANGE BLDG.
(4273) NW GEARY & NINTH AVE. All work for bldg known as Pacific Exchange
Owner—The Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—Bliss & Faville, Engineer E. V. Coby, Balboa Bldg., S. F.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.
Filed Oct. 9, 1924. Dated Oct. 7, 1924.
1st each month. \$25
Usual 35 days. TOTAL COST, \$184,950
Bond, \$134,950; Sureties, Continental Casualty Co.; Forfeit, \$100; Limit, 120 days; Plans and specifications filed.

DWELLINGS
(4274) E HURON 140 165 N Geneva. Two 1-story and basement frame dwellings.
Owner—Oscar L. Erickson, 4507 Mission St., San Francisco. \$3900 each
Architect—None.

FLATS
(4275) E TWENTY-SEVENTH AVE. 70 S Irving. 2-story and basement frame (2) flats.
Architect—Walter C. Falch, Hearst Bldg., S. F. \$4900

DWELLING
(4276) E TWENTY-EIGHTH AVE 157 N Cabrillo. 1-story and basement frame dwelling.
Owner—Mervyn Goldstein, 695 3rd Ave., San Francisco.
Designer—Chas. D. Delmarter, 5933 Geary St., S. F. \$3000

FLATS
(4277) S BALBOA 86-6 E 23rd Ave. 2-story and basement frame (2) flats.
Owner—W. Wright & Co., 228 Montgomery St., San Francisco.
Architect—None.
Contractor—E. M. Paul, 952 Hilldale Ave., Berkeley. \$5000

DWELLING
(4278) E EIGHTEENTH AVE. 285 N Judah. 1-story and basement frame dwelling.
Owner—Geo. J. Duffey, 1239 12th Ave., San Francisco.
Architect—None.
Contractor—Dahlberg and Peterson, 1560 10th Ave., S. F. \$5000

DWELLING
(4279) S NAPLES 225 NE Italy. 1-sto. and basement frame dwelling.
Owner—Antonio Sarra 763 Naples St., San Francisco.
Architect—None.
Contractor—A. Raeta, 1101 Geneva Ave San Francisco. \$3000

ALTERATIONS
(4280) NO. 51 EDDY. Remodel store fronts.
Owner—Geo. H. Roos, 2 Stockton St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco. \$1000

ALTERATIONS
(4281) NO. 2634 MISSION. Erect mezzanine floor and install skylight.
Owner—Frieberg's Suit House, Prem.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., San Francisco. \$2000

ALTERATIONS
(4282) SE QUANE AND 234th. NO. 257. All work for alterations and additions to make 2-story frame flats and garages.
Owner—Mrs. M. G. Reines, 3671 234th St., S. F.
Architect—N. W. Mohr, 210 California St., S. F.
Contractor—Arthur N. Elmhurst, 1119 11th Ave., S. F.
Filed Oct. 10, 1924. Dated Sept. 6, 1924.
Scaff. frame up and roof on. \$1150
Brown coated. \$158
Completed and accepted. \$158
Usual 35 days. TOTAL COST, \$1328

Bond, \$1158; Sureties, A. E. Engdahl and Thos. Skelly. Forfeit, \$10.00 per day. Limit, 75 days. Plans and specifications filed.

DWELLINGS
(4283) NE CHICAGO AND CORDOVA; 8 Chicago 10 W St. Hill; N Chicago 102 E Cordova. S Chicago 130, 230 and 260 E. Chicago & Persimmon 32 N Bay Shore; E Cordova 66 S Chicago. Eight 1-story and basement frame dwellings.
Owner—Rockwell Estate Co., 525 Crocker-Hale St., S. F.
Architect—None.
One \$1300, three \$2500; three \$4800; one \$4200. Total, \$29,500

ALTERATIONS
(4284) N GENEVA AVE. 169 E Mission, 24 x 100. All work except lighting fixtures, window shades and wall paper for alterations to 2-story frame bldg.
Owner—S. Barbieri and A. Rossi, 229 Geneva Ave., S. F.
Plans by owner.
Contractor—John P. Cuneo, 101 Amazon Ave., S. F.
Filed Oct. 10, 1924. Dated Oct. 9, 1924.
Rough frame up. \$1750
Brown coated. \$1750
Completed and accepted. \$1750
Usual 35 days. TOTAL COST, \$7000
Bond, \$3750; Sureties, Jos. Arata. Forfeit, none. Limit, 90 days after Oct. 15, 1924. Plans and specifications none.

ALTERATIONS
(4285) NO. 3636 WASHINGTON. Extend porch; add dressing room and toilet (residence).
Owner—Fred Dohrman Jr., Premises.
Plans by owner.
Contractor—Fred Miller, 225 Dolores St., San Francisco. \$1200

DWELLINGS
(4286) N BALBOA 107-6 and 132-6 E 29th Ave. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, Hearst Bldg., San Francisco. \$4000 each
Architect—None.

APARTMENTS
(4287) W EIGHTH AVE 320-10 S Kirkham. Two-story and basement frame (4) apartments.
Owner—W. G. Bray, 1249 4th Ave., San Francisco.
Architect—Henry Shermund, Hearst Bldg., San Francisco.
Contractor—Paul K. Jones, 180 Jessie St., San Francisco. \$16,000

STORE
(4288) E STOCKTON 20-9 S Stark. One-story and basement concrete store.
Owner—George Mensor, 3025 Van Ness Ave., San Francisco.
Architect—None.
Contractor—Kincanon & Walker, 275 Russ Bldg., S. F. \$14,000

DWELLING
(4289) SE LINCOLN WAY AND 34th Ave. One-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—R. R. Irvine, Call Bldg., San Francisco. \$4000

DWELLING
(4290) SW MT. VERNON AVE AND Howth. One-story and basement frame dwelling.
Owner—Harry Liston, 825 Monadnock Bldg., San Francisco.
Architect—H. Hladik, Monadnock Bldg., San Francisco. \$3000

FLATS
(4241) W DIVISADERO 6246 S Chestnut. Two-story and basement frame (2) flats.
Owner—S. Schumacher, 199 Cornwell St., San Francisco.
Architect—None. \$7000

FLATS
(4292) E FIFTEENTH AVE 125 S Linden Way. Two-story and basement frame (2) flats.
Owner—Abra C. Moren, 3225 Market St., San Francisco.
Architect—None.
Contractor—Geo. R. Moren, 3225 Market St., San Francisco. \$3000

FLATS
(4293) E W TWENTY-FOURTH AVE 55 N California. Two-story frame building (flats).
Owner—Isabelle Lawler, % Contractor. Architect—None.
Contractor—S. Christensen Bros., 513 25th Ave., San Francisco.
Filed Oct. 11, '24. Dated Oct. 4, '24.
Frame up.....\$2450
Brickwork.....2450
Completed and accepted.....2450
Used 35 days.....2450
TOTAL COST, \$9800
Bond, none. Lien 30 days. Forfeit, none. Plans and specifications filed.

COTTAGE
(4294) E THIRTIETH AVE 90 N Irving N 30XE 120. All work for frame cottage.
Owner—Herman C. Eggers, 612 12th Ave., San Francisco.
Architect—John H. Powers and John H. Abnden, 160 Montgomery St., San Francisco.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco.
Filed Oct. 11, '24. Dated Oct. 8, '24.
Roof on and rustic in place.....\$2328
Electric wiring and plumbing in and brown coated.....3228
Completed and accepted.....3228
Used 35 days.....3228
TOTAL COST, \$9312
Bond, \$4656. Sureties, Elmer Carlson and Adam Arai, Limit, 90 days after Oct. 11. Forfeit, none. Plans and specifications filed.

(4295) W LANE 75 N Yosemite. One-story and basement frame dwlg.
Owner—J. M. Hoeye, 62 Williams Ave., San Francisco.
Plans by Owner. \$1800

DWELLINGS
(4296) N GRAFTON 25 and 50 E Lee Ave. Two one-story and basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$5000 each

DWELLINGS
(4297) W HERCIE 89, 105, 129 and 155 N Chestnut. Four one-story and basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$3000 each

STATION
(4298) E TENTH 60 S Mission. One-story frame battery station.
Owner—Herbert Bros., 1528 Mission St., San Francisco.
Architect—None.
Contractor—F. R. Siegrist Co., 604 Williams Bldg., S. F. \$2200

DWELLING
(4299) W TWENTY-NINTH AVE 125 S Ulloa. One-story and basement frame dwelling.
Owner—Ralph E. Prentice, Room 1418, 225 Bush St., San Francisco.
Architect—J. R. Armstrong, % National Mill & Lumber Co., Oakland. \$4000

SHOP
(4300) N MISSION 150 W Fourteenth. One and one-half-story reinforced concrete shop.
Owner—R. Consani, 1724 Mission St., San Francisco.
Designer—H. W. Bott, 1533 15th St., San Francisco.
Contractor—L. Vannucci Bros., 461 Church St., S. F. \$4000

FLATS
(4301) W TWENTY-SIXTH AVE 126 N Balboa. Two-story and basement frame (2) flats.

Owner—Johnson & Anderson, 1 Street St., San Francisco.
Architect—None. \$8000

DWELLING
(4302) W THIRTY-SEVENTH AVE 24 S Caballo. One-story and basement frame dwelling.
Owner—Samuel E. Weinberg, 761 12th Ave., San Francisco.
Contractor—A. M. Wallen, 1253 Waller St., San Francisco. \$4000

FLATS
(4303) E CASTRO 64 N Clipper. Two-story and basement frame (2) flats.
Owner—Mrs. Henrietta Forrest, 1143 Guerrero St., San Francisco.
Architect—Baker & Watson, 3508 23rd St., San Francisco.
Contractor—Baker & Watson, 3508 23rd St., San Francisco. \$7000

DWELLING
(4304) E AVILA 12818 N Alhambra. One-story and basement frame dwelling.
Owner—Stemple & Cooley, 5331 Geary St., San Francisco.
Architect—None. \$3000

DWELLING
(4305) N ROLPH 103 W Madrid. One-story and basement frame dwlg.
Owner—Campbell Bros., 5156 Mission St., San Francisco.
Architect—None. \$3000

APARTMENTS
(4306) S ELBERT 100 E Baker. Two-story and basement frame (3) apartments.
Owner—Mrs. C. Giampoli, % Architect. Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$9000

ALTERATIONS
(4307) NO. 365-369 CASTRO. Remodel flat for store.
Owner—Gregory Pologon, 509 Castro St., San Francisco.
Plans by Owner.
Contractor—L. M. Weissmann & Son, 4067 18th St., S. F. \$3000

DWELLINGS
(4308) S ELBERT AVE 100 and 125 W Detroit. Two one-story and basement frame dwellings.
Owner—Alfred Jacobson, 1708 Waller St., San Francisco.
Architect—Carl Lindberg, 478 32nd Ave., San Francisco. \$2500 each

DWELLING
(4309) N ALTON AVE 100 W Pacheco. Two-story and basement frame dwelling.
Owner—Lang Realty Co., 219 First National Bank Bldg., S. F.
Architect—Arnold C. Stoner, 219 First Nat'l Bank Bldg., S. F. \$6000

RESIDENCE
(4310) LOT 26 BLK 22, St. Francis Wood. Two-story and basement frame residence.
Owner—A. M. Lustig, % Contractor. Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco. \$7100

FLATS
(4311) E TWENTY-NINTH AVE 65 & 100 N Clement. Two two-story and basement frame flats (2 flats in each building).
Owner—N. J. Nelson, 354 29th St., San Francisco. \$6000 each
Architect—None.

ADDITION
(4312) NO. 2130 LYON. Sun porch addition to dwelling.
Owner—G. Gunn, 2130 Lyon St., San Francisco.
Architect—None.
Contractor—C. F. Muller, 81 28th St., San Francisco. \$1000

ALTERATIONS
(4313) 2555 BUSH ST. Raise two flats and remodel for private garage, remodeling, etc.
Owner—H. J. Rock, premises.
Architect—None. \$1000

ELEVATOR
(4314) SW CLAY AND BAKER STS. Install 1000-lb. passenger elevator.

Owner—Arthur J. Laub, 2882 Jackson St., San Francisco.
Architect—None.
Contractor—Lynn Nelson, 391 Alston Way, San Francisco. \$2500

ALTERATIONS
(4315) 2646-48 HYDE ST. Remodel for private garage.
Owner—Frank Tumbullo, 2646 Hyde St., San Francisco.
Architect—None.
Contractor—Beno and Ash, 1920 Post St., San Francisco. \$1900

ALTERATIONS
(4316) 1212 JONES ST. Remodel single flat for 2 flats, alterations for private garage quarters.
Owner—Saul Dink, 522 Mills Bldg., San Francisco.
Architect—None. \$1050

ADDITIONS
(4317) 2865 UNION ST. Sun room additions for dwelling.
Owner—Mrs. John Erikson, 2865 Union St., San Francisco.
Architect—None.
Contractor—Kronick Bros., 1659 O'Farrell St., San Francisco. \$1500

APARTMENTS (4)
(4318) W 5TH AVE 98 N FULTON. Two-story and basement frame (4) apartments.
Owner—F. A. Eskilson, 1540 Baker St., San Francisco.
Architect—C. G. Clausen, Hearst Bldg., San Francisco. \$8000

ADDITION
(4319) SE McCOPPIN & STEVENSON Sts. Steel frame and brick addition for gymnasium.
Owner—Salvation Army, 36 McAllister St., San Francisco.
Architect—Truscon Steel Co., 709 Mission St., San Francisco.
Contractor—Truscon Steel Co., 709 Mission St., San Francisco. \$12,000

MANUFACTURING PLANT
(4320) NW FOLSOM & 8TH STREETS. 1-story brick light manufacturing plant.
Owner—J. P. & C. L. Shaffer, 1620 Mission St., San Francisco.
Architect—F. P. Shaffer, 1620 Mission St., San Francisco.
Contractor—F. R. Siegrist Co., 604 Williams Bldg., San Francisco. \$30,000

RESIDENCE
(4321) S WASHINGTON 1876 W Walnut. Three-story and basement frame residence.
Owner—A. H. Nahman, 700 Broderick St., San Francisco.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., San Francisco.
Contractor—Jacks and Irvine, 180 Jessie St., San Francisco. \$16,000

STEEL RODS
(4322) N HARRISON AND SPEAR NE 275 N NW 275. All work for steel reinforcing rods, etc., for 2-story office and warehouse bldg.
Owner—Hills Bros., 175 Fremont St., San Francisco.
Architect—Geo. W. Kelham, Sharon Bldg., S. F.
Contractor—Edw. L. Soule Co., Rialto Bldg., S. F.
Filed Oct. 14, 1924. Dated Oct. 11, 1924.
Payments 10% bet. 1st and 10th of each month.
Bal. 10% on completion.
TOTAL COST, \$70,000
Bond, \$35,000. Sureties, Fidelity & Deposit Co. Forfeit, none. Limit as required. Plans and specifications filed.

(4323) REINFORCING STEEL, ETC., on above.
Filed Oct. 14, 1924. Dated Oct. 11, 1924.
Monthly payments of 75% on 10th of each month.
25% 35 days after.
TOTAL COST, \$26,642
Bond, \$13,321. Sureties, Fidelity & Deposit Co. Forfeit, Limit, none. Plans and specifications filed.

LOFT
(4324) SW 4TH & MINNA. Class B loft building.
Owner—F. J. Klench, 309 Minna Street, San Francisco.

Architect—W. W. Harper & V. B. Persons, Montgomery and Bush Sts., San Francisco.

Contractor—Cahill Brothers, Inc., Sharon Bldg., San Francisco.

Filed Oct. 14, 1924; dated Oct. 8, 1924.
Payments monthly 75%
Usual 35 days 25%
TOTAL, \$17,550

Bond, none. Sureties, none. Forfeit, none. Limit 100 days. Plans and specifications filed.

DWELLING
(4325) W AVILA 205 S Cape One-story and basement frame dwelling. Owner—Patrick Foley, 50 Bonita St., San Francisco. \$1500
Architect—None.

ALTERATIONS
(4326) NO 315 CLEMENT. Cement flooring, foundation and remodel for market.
Owner—Frank Baumann and Peter Botenos (Park Market). \$5000
Architect—None.

DWELLINGS
(4327) E FORTY-FIFTH AVE 25, 50 and 75 S. Three one-story and basement frame dwg. Owner—Geo. A. Bertram, 2811 Mission St., San Francisco. \$3000 each
Architect—None.

DWELLING
(4328) W KANSAS 28 N Macquosa. One-story and basement frame dwelling.
Owner—Peter Goeres, 124 Jersey St., San Francisco. \$2000
Architect—None.

DWELLING
(4329) W TWENTY-NINTH AVE 250 S Anza. One-story and basement frame dwelling.
Owner—Florence G. Jones, 3767 Army St., San Francisco.
Architect—None.
Contractor—Thomas M. Jones, 3767 Army St., San Francisco. \$3000

DWELLING
(4330) E GRANADA 200 N Lakeview Ave. One-story and basement frame dwelling.
Owner—Wm. E. Budde, 1737 Ocean Ave., San Francisco.
Architect—None.
Contractor—John Brynmen, 1280 Page St., San Francisco. \$2300

ALTERATIONS
(4331) NO 142 DORE. Raise; construct concrete foundation; underpinning, etc.
Owner—John H. Peltier, 147 Dore St., San Francisco.
Architect—None.
Contractor—Swars & Wehr, 661 Linden Ave., San Francisco. \$1847

DWELLING
(4332) W TENTH AV 200.2 N Noriega 1½-story & basement frame dwg. Owner—John Thompson, 214 Ashbury St., San Francisco.
Architect—Harry J. Leasen, 2181 Grove St., San Francisco. \$3750

STORE
(4333) N CLEMENT 32-6 W 24th Ave. 1-story frame store.
Owner—F. Blattman, 185 19th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 185 19th Ave., San Francisco. \$3500

FLATS
(4334) S RANDOLPH 98 E Chenery. 2-story and basement frame (2) flats.
Owner—Mr. & Mrs. Walsh, 25 Cortland Ave., San Francisco.
Architect—None.
Contractor—Henry Erickson, 1225 Church St., S. F. \$7000

DWELLING
(4335) W TENTH AVE. 225 S Lawton. 1-story and basement frame dwg. Owner—John McCarthy Co., 1479 12th Ave., San Francisco. \$3000
Architect—None.

SHOP
(4336) N OTIS 107.3 E BRADY. One-story concrete paint shop.
Owner—Geo. A. Clough.
Engineer & Contractor—J. H. Hjul, 128 Russ St., San Francisco. \$10,000

RESIDENCE
(4337) SW JACKSON & OCTAVIA. Two-story and basement frame residence.

Owner—E. E. Grannis.
Architect—Edward E. Young, 2002 California St., San Francisco. \$25,000

FLATS (2)
(4338) W 18TH AVE 175 S LAKE. Two-story and basement frame (2) flats.
Owner—Patrick Hannon, 531 11th Ave., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., San Francisco. \$10,000

ALTERATIONS
(4339) N POST 100.101 W POWELL. N 23.4% x N 137.6. Excavation and concrete work for building.
Owner—Selah Chamberlain, Mill Bldg., Architect—Bakewell & Brown, 251 Kearny St.

Engineer—E. T. Ronneberg, Crocker Bldg.
Contractor—H. L. Petersen, Lick Bldg.
Dated Oct. 15, 1924. Filed Oct. 15, 1924.
Labor and material monthly 90%
Usual 35 days 10%
TOTAL COST, \$3,626

Bond, none. Sureties, none. Forfeit, none. Limit 60 days. Plans and specifications filed.

ALTERATIONS & ADDITIONS
(4340) N PACIFIC AVE. 92.6 E Pierce N 127.8; W 43.3; N 19.0; E 66.7; S 19.0; W 1.3 S 197.8; W 65. All work except plumbing, painting, decorating, wiring, heating and lighting fixtures for alterations and additions to brick dwelling house.
Owner—Cecile M. Brooke, 2518 Pacific Avenue.

Architect—Nathaniel Blaisdell, 255 California St.
Contractor—Clarence M. Moore & M. P. Madsen 77 O'Farrell St.
Record for brick work \$2000
Brick work completed 2000
Plastering, sheet metal and glazing completed 2000

Ornamental iron work done 2000
basement ready for painting 2000
Completed and accepted 1271
Usual 35 days 3091

Bond, \$6181. Sureties, Frank Thompson & J. Molgaard. Forfeit, \$10. Limit, 100 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accented

Oct. 4, 1924—W THIRTY- EIGHTH

Ave 190 N Geary N 25xW 120. A R

Lapham to whom it may concern

Oct. 8, 1924—N E RIVER & KEITH

25 on Revere by 100 on Keith. Gust

Michos to W P Romines

Oct. 8, 1924—NO. 615 SAN JOSE AVE.

Fred F Buhr to Higgins & Kraus.

David Sold Elec Co and Paul

Adams

Oct. 8, 1924—NW SAN JOSE AVE 677

NE Jarnac NE 25 NW 162 m or 1

SW 15 m or 1 S 174 m or 1 P

6 Blk 1. Belle Roche City. Edw G

and Josephine M Shelly to Halsen

and Sioblon. Oct. 6, 1924

Oct. 8, 1924—SW BAUER 23-92

Alemay AV 25x101-6; SW Bauer

to St. Anthony SP 25x101-6; A

De Benedetti to whom it may

concern. Oct. 7, 1924

Oct. 8, 1924—S RAY 100 W Octavia

W 25xS 100 Catherine O'Connor

to whom it may concern. Sept. 23, 1924

Oct. 9, 1924—S EDDY 100 E JONES E

along Eddy 78 S 131-6 W 70-6 W

27-6 W 7-6 N 114 Joseph Pasqua-

to whom it may concern. Oct. 9, 1924

Oct. 9, 1924—NW MARKET 240-8 SW

Montgomery NW 80 NE 2-6 NW 8

SW 78-9 N 90-9 W 20 S 44 W 11

SE 43-3 NE 3 SE 80 NE 115. Crocker

Estate Co. to whom it may concern

Oct. 9, 1924—SE DIVISADERO 125 N

Clay 106-3 S 127-8 W 25 N 25

W 81-3 N 102-8. Sixth Church of

Christ Scientist to Scott Co. Sept. 2, 1924

Oct. 9, 1924—E MISSION 65 S 21st

Louis J. Cohn to whom it may concern

Oct. 9, 1924

Oct. 9, 1924 N BERNAL AVE 100,

and 420 E Shotwell. Isaacson &

Nathaniel to whom it may concern

Oct. 9, 1924

Oct. 9, 1924—W LARKIN & BROADWAY

W 17-6 N 27-6 S 3-6 S 10-6 S

to whom it may concern. Oct. 8, 1924

Oct. 9, 1924—W FIFTEENTH AVE 25

S Jackson 25x87. Deeded Partial to

whom it may concern. Oct. 9, 1924

Oct. 9, 1924—W SANSOME 46-10 1/2 m

or 1 N Sutter N 91-6xW 122-8. The

Angelo & Lombard Land Co. Oct. 2, 1924

Oct. 9, 1924—S ATHENS 100 NE

Italy G. Morison to whom it may

concern. Sept. 25, 1924

Oct. 9, 1924—E CATHLAM 100 NE

Italy G. Morison to whom it may

concern. Sept. 25, 1924

Oct. 9, 1924—W THIRTY-SECOND AV

N California & 28 W 118-7 1/2

S 28-3 S 4-6 S 28-3 S 28-3 S 28-3

Morey Anker to Melntosh Bros. Oct. 6, 1924

Oct. 9, 1924—NE NINETEENTH AND

Sansome N 28x100. J E Christ-

ensen to whom it may concern. Oct. 1, 1924

Oct. 9, 1924—E HIST 75 S Cabrillo

S 25 x E 82-6 David Leigh to

whom it may concern. Oct. 9, 1924

Oct. 10, 1924—E GOUGH 112 N Union

25 x 130. G. Chinazzo to Fracchia

& Rosina. Oct. 9, 1924

Oct. 10, 1924—LOT 18 BLK. 64-63

Crocker Amazon Tract Sub 2.2

Crocker Estate Co. to whom it may

concern. Oct. 7, 1924

Oct. 10, 1924—LOT 1, BLK. 64-63

Crocker Amazon Tract Sub 2.

Crocker Estate Co. to whom it may

concern. Oct. 9, 1924

Oct. 10, 1924—W 22ND AVE. 300 S

Taraval S 25 x W 120. J. W. Beck-

er to Meyer Bros. Oct. 9, 1924

Oct. 10, 1924—W 28TH AVE. 120 N

Balboa S 175 x W 120. Meyer Bros.

to whom it may concern. Oct. 9, 1924

Oct. 10, 1924—LOT 17 BLK. 5832 ST.

Mary's Park. Wm. and Amelia

Bracken to Meyer Bros. Oct. 9, 1924

Oct. 10, 1924—E HIST 75 S 25 x

Cabrillo S 25 x E 127. Donald S.

and Olive S. Kennedy to H. S.

Meinberger. Sept. 29, 1924

Oct. 10, 1924—E 10TH AND CON-

necticut. The Roman Catholic

Archbishop of S. F. to Matt Mur-

phy, (exterior plastering). Oct. 4, '24

Oct. 10, 1924—NE 19TH AND CON-

necticut. The Roman Catholic

Archbishop of S. F. to Matt Mur-

phy, (interior plastering). Oct. 4, '24

Oct. 10, 1924—W 40TH AVE. 175 N

Balboa. Ernest J. Olson to whom

it may concern. Oct. 1, 1924

Oct. 10, 1924—E 35TH AVE. 150 S

Cabrillo S 100 x E 120. Bryan

Feerick to whom it may concern.

Oct. 6, 1924

Oct. 10, 1924—W TOWNESEND 166-6

SW Fourth SW 46x240. Frye & Co

to Peter Petersen. Oct. 4, 1924

Oct. 10, 1924—W NINETEENTH AVE

25 S Clement S 75xW 70; N Geary

32-6 E 28th Ave. E 50xN 100.

Michael and Lawrence Costello to

whom it may concern. Oct. 7, 1924

Oct. 10, 1924—E AUBURN 68-9 N

Jackson 23x60. Auguste and Jeanne

Cavey to Mattock & Feasey. Oct. 7, 1924

Oct. 10, 1924—E SEVENTEENTH AV

125 S Taraval S 25x120. John A

Dahlman to whom it may concern

Oct. 9, 1924

Oct. 10, 1924—E TWENTY-SECOND

Ave 166-3 S Irving S 26x120.

Theodore Veyhle to whom it may

concern. Oct. 1, 1924

Oct. 10, 1924—E TWENTY-SECOND

and Valencia N 50 W 82-6 S 50 E to

beg. Hibernia Savings & Loan So-

cietly to Monson Bros., July 17; The

Raymond Granite Co., Sept. 15;

Malott & Petersen, Sept. 10; Fran-

ces O'Reilly, Sept. 10; Gullifoy

Cornice Works. Sept. 26, 1924

Oct. 11, 1924—W NINTH AVE 350 and

375 S Ortega S 25xW 120. Each.

Gustave Moeller to Meyer Bros.

Oct. 9, 1924

Oct. 11, 1924—W NINTH AVE 325 S

Ortega S 25xW 120. Gustave

Moeller Jr to Meyer Bros. Oct. 9, '24

Oct. 11, 1924—E NINTH AVE 275 S

Ortega S 50xW 120. Henry C

Moeller to Meyer Bros. Oct. 9, 1924

Oct. 11, 1924—W SEVENTH AVE 250

N Kirkham. Geo Dingwall to 103

Bros. Oct. 6, 1924

Oct. 11, 1924—S RIVERA 80 W 17th

W 25xS 92. Byrd O Smith to

whom it may concern. Oct. 8, 1924

3375	Wigner	Owner	3000
3376	Johnson	Johnson	2800
3377	Taylor	Lyon	4720
3378	Hudson	Owner	3500
3379	McCord	Owner	3200
3380	Smith	Smith	3000
3381	Davis	Owner	4800
3382	Compagnon	Compagnon	5000
3383	Tornell	Owner	3000
3384	Mitchen	Owner	3000
3385	McGregor	Owner	4050
3386	Nelson	Nelson	6348
3387	Robt	Owner	10000
3388	Kalisky	Roth	5000
3389	Kalisky	Roth	5000
3390	Hansen	Hansen	8250
3391	Owner	Owner	4500

5391	Thammasak	Schmitz	5500
5392	Laura	Carlson	7600
5393	Glusse	Owner	2900
5394	Hakkinen	Owner	4250
5395	Murphy	Michel	1500
5396	Gresham		

SAN FRANCISCO COUNTY

5303	Gresham	Owner	5000
5304	Finster	Owner	6000
5305	Steen	Owner	3000
5306	Longest Road	Owner	3000
5309	Early	Blodgett	2000
5311	Townsend	Owner	3000
5312	...	...	100
5313	...	...	1400
5315	Eisenbach	McDonnell	4000
5316	Gray	Ellis	4100
5317	Dane	Owner	4250
5318	Smith	Owner	2500
5319	Isakson	Owner	2500
5320	Hunt	Pearson	4500
5321	MacGregor	Owner	7600
5322	MacGregor	Owner	3800
5323	MacGregor	Owner	3800
5324	MacGregor	Wavler	2000

SAN FRANCISCO COUNTY

5417	Kalston	Owner	375
5418	Mayhew	Henderson	850
5419	Jones	Owner	250
5420	Fish	Owner	485
5421	Carpenter	Owner	460

ALAMEDA COUNTY

4328	Martin	Wilson	290
4329	Brooklyn	Sture	170
4330	Ernst	Muther	100
4331	Paulsen	Owner	300
4332	Conner	Owner	90
4333	Peterson	Peterson	400
4334	Hughes	Hartford	300
4335	Hughes	Hartford	300
4336	Wicks	Shaw	300
4337	Lammannan	Goranson	375
4338	Garcia	Rose	100
4339	Heltman	Owner	185
4340	Johnston	Elfrman	100
4341	Andrickson	Alexander	120
4342	Meyer	Ingram	100
4343	Jury	Jury	250
4344	Wagner	Owner	50
4345	Jeno	Griffith	32
4346	Robinson	Coates	120
4347	Pabiola	Cederborg	35
4348	Tornell	Owner	300
4349	Holmes	Brasch	1800
4350	Ward	Hale	500
4351	Anderson	Muller	70
4352	De Groff	Owner	180

SAN FRANCISCO COUNTY

5459	Wickham	Victors	35
5460	Kilgore	Legriss	68
5461	Taylor	Owner	27
5462	Hickok	Waltman	20
5463	Hansen	Waltman	20
5464	Miller	Miller	40
5465	Guardano	David	10
5466	Southard	Booth	110
5467	Lanteri	McWethy	110
5468	Meyer	California	145
5470	Burrill	Brown	36

DWELLING
(5333) 1606 HIBBEARD STREET, ALameda.
meda. 1-story 4-room dwelling.
Owned by Anna Farr, 1655 Lincoln Av
Alameda

PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabricoid Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.
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DWELLING
(5334) 456 PACIFIC AVE. Alameda.
1-story 4-room dwelling.
Owner—Marie Toupiac, 456 Pacific
Ave., Alameda.
Architect—None.
Contractor—Ben Kopf, 845 Pacific Ave.
Alameda. \$2300

DWELLING
(5335) 1600 LINCOLN AVE., Alameda.
1-story 6-room dwelling.
Owner—W. E. Willis, 1131 Adeline St., Oakland.
Architect—None. \$6000

ALTERATIONS
(5336) 735 LINCOLN AVE., Alameda.
Alterations.
Owner—Albert Swanson; 717½ Haight Ave., Alameda.
Architect—None. \$1800

DWELLINGS
(5337) 1611 & 1615 MINTURN ST. Alameda. Two 1-story 4-room dwellings.
Owner—O. C. Haslett, 1427 San Antonio Ave., Alameda.
Architect—None.
Contractor—W. A. Lewis Co., 11 Bacon Bldg., Oakland. \$2100 each

DWELLING
(5338) 1712 PACIFIC AVE., Alameda.
1-story 4-room dwelling.
Owner—O. C. Haslett, 1427 San Antonio Ave., Alameda.
Architect—None.
Contractor—W. A. Lewis, 11 Bacon Bldg., Oakland. \$3300

ALTERATIONS
(5339) 935 SANTA CLARA AVE., Alameda. Alterations.
Owner—John Rosen, 5615 Harmon Ave Oakland.
Architect—None. \$1500

DWELLING
(5340) 2245 LINCOLN AVE., Alameda.
1-story 5-room dwelling.
Owner—B. Gamborini, 1537 Everett St., Alameda.
Architect—None. \$3000

DWELLING
(5341) PACIFIC AVE. & UNION ST., Alameda. 1-story 5-room dwelling.
Owner—H. G. Mehrtens, 1535 Webster St., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thompson Ave., Alameda. \$3400

DWELLING
(5342) 3106 CENTRAL AVE., Alameda. 1-story 7-room dwelling.
Owner—Homer Dallas, 820 Haight Ave. Alameda.
Architect—None.
Contractor—A. T. Spence, 641 Taylor Ave., Alameda. \$4850

ALTERATION
(5343) 1561 WEBSTER ST., Alameda.
Alterations.
Owner—Volberg Estate, 734 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Y. E. Thorp, 1718 Alameda Ave., Alameda. \$1000

DWELLING
(5344) 2040 CENTRAL AVE., Alameda 1-story 5-room dwelling.
Owner—A. Wold, 1336 Versailles Ave., Alameda.
Architect—None.
Contractor—Leo Kochendorfer, 3012 San Jose Ave., Alameda. \$4900

DWELLING
(5345) 771 HAIGHT AVE., Alameda.
1-story 4-room dwelling.
Owner—M. Wondolek, 771 Haight Ave Alameda.
Architect—None.
Contractor—F. W. Borden, 5836 Foothill Blvd., Oakland. \$2500

DWELLING
(5346) 3239 THOMPSON AVE., Alameda. 1-story 6-room dwelling.
Owner—W. M. McKean, 1216 Versailles Ave., Alameda.
Architect—None.
Contractor—H. C. Andresen, 1229 Pearl Street, Alameda. \$5500

DWELLING
(5347) 836 ADDISON, Berkeley. Dwlg.
Owner—J. A. Lind, 1029 Sierra Ave., Berkeley.
Architect—None. \$2500

DWELLING
(5348) 1643-45 GRANT ST., Berkeley. Dwelling.
Owner—C. E. Eakin, 1945 Prince, Berkeley.
Architect—None. \$5000

SHOP
(5349) 1120 UNIVERSITY, Berkeley.
Shop.
Owner—L. Farrell, 1216 Francisco St., Berkeley.
Architect—None. \$1000

DWELLING
(5350) 2317 CRAGMONT, Berkeley.
Dwelling.
Owner—W. Waterhouse, Berkeley.
Architect—Fox Bros., 1926 University Ave., Berkeley.
Contractor—Fox Bros., 1926 University Ave., Berkeley. \$5500

DWELLING
(5351) SW LAUREL AND CALIFORNIA STS., Oakland. One-story six-room dwelling.
Owner—J. Norris, 3466 Rhoda Ave., Oakland.
Architect—None.
Contractor—R. E. Norris, 2165 Woodruff Ave., Oakland. \$1900

DWELLING
(5352) NO. 2592 SIXTY-FIRST AVE., Oakland. One-story 5-room dwlg.
Owner—J. J. Frappier.
Architect—None.
Contractor—K. A. Johanson 2429 13th Ave., Oakland. \$3500

INCINERATOR
(5353) SIXTY-EIGHTH AVE. AND Superior St., Oakland. Steel incinerator.
Owner—Chicago Lumber Co., Promises.
Architect—None.
Contractor—Rosa Blow Pipe Mfg. Co., 319 7th St., San Francisco. \$500

GARAGES
(5354) E SIXTH AVE 94 S E-18th St., Oakland. One-story fire garage and one-story frame garage.
Owner—N. T. Heaton, 2235 E-19th St., Oakland.
Architect—None.
Contractor—Frank Critchett, 139 Grand Ave., Oakland. \$2400

DWELLING
(5355) NO. 3630 NEVIL ST., Oakland. One-story 6-room dwelling.
Owner—L. M. Smith, 3537 Quigley St., Oakland.
Architect—None. \$4000

DWELLINGS
(5356) S MADLINE 40, 80 and 120 E Laurel, Oakland. Three one-story frame dwellings.
Owner—Justus Norris.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. \$3000 each

(5357) E MAYBELLE AVE 300 N Harbor View Ave., Oakland. One-story 5-room dwelling.
Owner—D. E. Van Schaick, 4609 Thompkins St., Oakland.
Architect—None.
Contractor—Webb & Whalen, 3930 22nd Ave., Oakland. \$3700

DWELLING
(5358) E SIXTY-NINTH A E 105 S Arthur St., Oakland. One-story 5-room dwelling.
Owner—V. E. Coates, 7225 Lockwood St., Oakland.
Architect—None. \$3000

ADDITION
(5359) S O. 3430 SAN PABLO AVE., Oakland. Tile addition.
Owner—Geo. C. Nall, 930 41st St., Oakland.
Architect—None. \$2000

DWELLING
(5360) E 108TH AVE 265 N Bancroft Ave., Oakland. One-story 5-room dwelling and garage.
Owner—Ernest Read, 4334 Foothill Blvd., Oakland. \$3200

DWELLING
(5361) S WALNUT 100 E 96th Ave., Oakland. One-story 4-room dwlg.
Owner—E. Sanchez, 1542 96th Ave., Oakland.
Architect—None.
Contractor—Joe St. Mary, 9425 E-14th St., Oakland. \$2200

ALTERATIONS
(5362) NO. 614 TWENTY-THIRD AVE., Oakland. Alterations and additions.

Owner—Samuel and Louise Rocco, Promises.
Architect—None.
Contractor—D. Bashion, 1417 Hearst Ave., Berkeley. \$1475

DWELLING
(5363) W TWENTY-THIRD AVE 80 S E-30th St., Oakland. One-story 5-room dwelling and garage.
Owner—A. Salop, 3914 39th Ave., Okd.
Architect—None. \$3600

RESIDENCE
(5364) LOTS 241 TO 226 INC. BLK. A. Map of Westall Tract. General construction (arched frame of bldg.) 1-story frame residence.
Owner—D. E. Van Schieles, 457 Adeline St., Oakland.
Architect—None.
Contractors—Thos. W. Webb and J. W. Whalin, 351 12th St., Oakland.
Filed Oct. 9, 1924. Dated. ____
When rafters are up ____
When completed ____
Usual 35 days ____
TOTAL COST, \$1596
Bond, sureties, forfeit, none. Limit, 30 working days after Oct. 1, 1924. Plans and specifications filed.

FACTORY
(5365) FIFTY-FOURTH AVE. OPP. E-12th St., Oakland. 1-story brick factory.
Owner—General Electric Co., 5441 E-14th St., Oakland.
Architect—None.
Contractor—Austin Co. of California, Santa Fe Bldg., S. F. \$16,350

DWELLING
SHERMAN ST. AND SAN ANTONIO AVE., Alameda. 2-story 10-room dwelling.
Owner—N. E. Ackerman, 2044 Santa Clara Ave., Alameda.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.
Contractor—Fred J. Westlund, 351 12th St., Oakland. \$25,200

DWELLING
(5366) 838 SANTA BARBARA RD., Berkeley. Dwelling.
Owner—H. C. Teasdel, Standard Oil Bldg., San Francisco.
Architect—A. Newson, 14 Montgomery St., San Francisco.
Contractor—L. M. Baird, 1031 Bay View Ave., Oakland. \$4900

DWELLINGS
(5367) 1429 HOPKINS ST., 1435 and 1439 Gilman St., Berkeley. Three dwellings.
Owner—Chambers, Plaza Bldg., Oakland.
Architect—None.
Contractor—L. A. Peters, 5313 Manila Ave., Oakland. \$2200 each

ALTERATIONS
(5368) 2230 DURANT AVE., Berkeley. Alterations.
Owner—J. H. Wood, 2230 Durant Ave., Berkeley.
Architect—None. \$4000

SHOP
(5369) 1814 ROSE ST., Berkeley. Shop.
Owner—Independent Mill & Lumber, 1525 Chestnut St., Berkeley.
Architect—None.
Contractor—Harry Schwalen, 1525 Chestnut, Berkeley. \$3500

DWELLINGS
(5370) 1819 1823 CHURCH STREET, Oakland. 1-story 3-room dwellings.
Owner—Geo. E. Nickerson, 1040 38th Ave., Oakland.
Architect—None. \$1700

DWELLING
(5371) SE TWENTY-SEVENTH ST. 70 W 26th Ave., Oakland. 1-story 5-room dwelling.
Owner—Jos. T. Hinch, 407 Federal Bldg., Oakland.
Architect—None. \$3450

STORES
(5372) NW COR. E-FOURTEENTH ST and 88th Ave., Oakland. 1-story stores.
Owner—J. B. Petersen, 2053 38th Ave., Oakland.
Architect—None. \$5000

DWELLING
(5373) W REED COURT 220 N Cav-
amugh Rd., Oakland. 1-story 5-rm.
dwelling.
Owner—H. J. Robbins, 1041 Phelan
Bldg., San Francisco.
Architect—None.
Contractor—E. M. Nelson, 2712 Russell
St., Berkeley. \$6000

DWELLING
(5374) W SEVENTIETH AVE. 247 S
Offal St., Oakland. 1-story 5-room
dwelling.
Owner—H. J. Grimes, 410 44th St.,
Oakland.
Architect—None. \$3500

DWELLING
(5375) E SIXTY-SIXTH AVE. 243 S
Beck St., Oakland. 1-story 4-room
dwelling.
Owner—Roy Wilson, 1455 86th Avenue,
Oakland.
Architect—None. \$3000

SERVICE STATION
(5376) SE COR. THIRTEENTH AVE.
& Hopkins St., Oakland. 1-story
tile service station.
Owner—O. E. Johnson, 661 57th St.,
Oakland.
Architect—None.
Contractor—Johnson & Smith, 661 57th
St., Oakland. \$2800

DWELLING
(5377) S OUTLOOK AVE. 200 E 64th
Ave., Oakland. 1-story 5-room dwlg
Owner—A. Taylor, 815 Masonic Ave.,
San Francisco.
Architect—None.
Contractor—Chas. D. Lyon, 3425 66th
Ave., Oakland. \$4720

DWELLING
(5378) W LINWOOD AVE. 160 S E-
38th St., Oakland. 1-story 5-room
dwelling.
Owner—L. G. Hudson, 1771 Ever Ave.,
Oakland.
Architect—None. \$3500

(5379) 1800 SIXTY-SEVENTH AVE.,
Oakland. 1-story 5-room dwelling
and garage.
Owner—T. J. McCord, 4341 E-14th St.,
Architect—None. \$3200

DWELLING
(5380) N ANGELO AVE. 200 W 38th
Ave., Oakland. 1-story 5-room
dwelling.
Owner—Fred Stulz, 3750 Angelo Ave.,
Oakland.
Architect—None.
Contractor—Wm. Smith, 3750 Angelo
Ave., Oakland. \$3000

DWELLING
(5381) N FLEMING AVE. 577 Court-
land Ave., Oakland. 1-story 6-room
dwelling.
Owner—G. P. Davis, 4600 Fleming
Ave., Oakland.
Architect—None. \$4800

DWELLING
(5382) 5736 AYALA STREET, Oak-
land. 1-story 5-room dwelling.
Owner—J. I. Isola, 5736 Ayala St.,
Oakland.
Architect—None.
Contractor—E. Campomenosi, 5238
Lawton Ave., Oakland. \$5000

DWELLINGS
(5383) S DAVIS ST. 204 239 274 N
Peralta Creek. 3 1-story 5-room
dwellings.
Owner—Tornell & Miller, 1525 57th Ave
Oakland.
Architect—None. \$3000 each

DWELLING
(5384) NORTH END OF THIRTY-
fourth Ave., Oakland. 1-story 5-
room dwelling.
Owner—J. T. Mitchem, 903 Clay St.,
Oakland.
Architect—None. \$3000

DWELLING
(5385) S FORTIETH ST. 240 W Web-
ster St., Oakland. 1-story 6-room
dwelling and garage.
Owner—C. M. MacGregor, 470 13th St.,
Oakland.
Architect—None. \$4050

DWELLING
(5386) PORTION PLOT 2 MAP LAKE-
shore Highlands, Oakland. All
work for 2-story frame and plaster
dwelling.

Owner—John T. and Helen M. Robbins,
440 Euclid Ave., Oakland.
Architect—Masten and Hurd, 278 Post
St., San Francisco.
Contractor—Elmer M. Nelson, 1641 6th
Ave., Oakland.
Filed Oct. 10, 1924. Dated Oct. 8, 1924.
Frame up \$1712
Brown coated 1712
Completed and accepted 1712
Usual 35 days 1712
TOTAL COST, \$6848
Bond, Sureties, none; Forfeit, \$5 per
day; Limit, 11 working days; Plans
and specifications filed.

APTS & STORES
(5387) 4309 GROVE ST., Oakland. 2-
story 12-room apartments and
stores.
Owner—H. W. Haler, 205 Syndicate
Bldg., Oakland.
Architect—None. \$10,000

DWELLINGS
(5388) 1311 & 1315 PARK AVE, Ala-
meda. 6 4-room dwellings.
Owner—L. Kalisky, 1301 Regent St.,
Alameda.
Architect—None.
Contractor—Conrad Roth, Dublin Boul.
Hayward. \$2500 each

DWELLING
(5389) 1311 PARK AVE., Alameda. 2-
story 8-room dwelling.
Owner—L. Kalisky, 1301 Regent St.,
Alameda.
Architect—None.
Contractor—Conrad Roth, Dublin Blvd.
Hayward. \$5000

DWELLINGS
(5390) 1419 1421 1423 STANNAGE,
Berkeley. 3 dwellings.
Owner—Hansen, 554 7th St., Oakland.
Architect—Strang, 1521 9th St., Ala-
meda.
Contractor—Hansen & Strang \$2750 ea.

DWELLING
(5391) 933 COLUSA, Berkeley. Dwlg.
Owner—Al Hammarberg, 810 60th St.,
Oakland.
Architect—S. Jackson. \$4500

DWELLING
(5392) 3101-03 SAN PABLO AVE.,
Berkeley. Dwelling.
Owner—M. Laura, 814 Murray, Berke-
ley.
Architect—None.
Contractor—Schmitz, 1121 Ward St.,
Berkeley. \$5500

DWELLING
(5393) 572 THE ALAMEDA, Berkeley.
dwelling.
Owner—Mrs. Giusse, Oakland.
Contractor—V. Carlson, 849 The Ala-
meda, Berkeley. \$7600

DWELLING
(5394) 1134 HEARST AVE., Berkeley.
dwelling.
Owner—E. Hakkinen, 1904 10th St.,
Berkeley.
Architect—None. \$2000

DWELLING
(5395) NO. 2734 SIXTY-SEVENTH AV
Oakland. One-story 5-room dwel-
ling and garage.
Owner—J. E. Murphy, 1916 Franklin
St., Oakland.
Architect—None. \$4250

SERVICE STATION
(5396) SW E-TWELFTH ST & FIFTH
Ave., Oakland. One-story steel ser-
vice station and 1 steel comfort
station.
Owner—J. D. Gresham, 417 Athol Ave.,
Oakland.
Architect—None.
Contractor—Michel & Pfeffer, 1415 Har-
rison St., San Francisco. \$1500

DWELLING
(5397) S MONTANA 150 E Hopkins.
Oakland. One-story 5-room dwlg.
Owner—G. L. Finster, 3535 Ardley
Ave., Oakland.
Architect—None. \$5000

DWELLINGS
(5398) W FIFTY-FOURTH AVE 163 &
200 N Holland St., Oakland. Two
one-story 5-room dwellings.
Owner—V. H. Sims, 1940 42nd Ave.,
Oakland.
Architect—None. \$3000 each

DWELLING
(5399) E BELLAIRE PLACE 50 N
Bona St., Oakland. One-story 5-
room dwelling.
Owner—C. L. Lusk, 2222 Fruitvale
Ave., Oakland.
Architect—None. \$3000

DWELLING
(5400) W 149TH AVE 91 S Bancroft
Ave., Oakland. One-story 4-room
dwelling.
Owner—J. J. Early, 404 Sharon Bldg.,
San Francisco.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th
St., Oakland. \$2000

DWELLING
(5401) SE SEVENTY-SIXTH AVE &
Garfield Ave., Oakland. One-story
4-room dwelling.
Owner—R. H. Townsend, 2070 Auscon
Ave., Oakland.
Architect—None. \$3000

ALTERATIONS
(5402) LOTS 36 AND 37 BLK B Map
of Subdivision of Blk 23, North
Alameda Tract, Oakland. All work
for raising, altering and repairing
one-story dwelling.
Owner—Manuel and Louise Rocco, 614
23rd Ave., Oakland.
Architect—None.
Contractor—D. Boshion, 1417 Hearst
Ave., Berkeley.
When raised 15
Enclosed and plastered 75
Usual 35 days 75
TOTAL COST, \$1405
Bond, \$750. Surety, Fidelity & Guar-
anty Co. Limit, 60 working days from
Oct. 13, 1924. Forfeit, none. Plans
and specifications filed.

STORES
(5403) 1489 - 91 - 93 - 95 - 97 SHAT-
luck, Berkeley. Stores.
Owner—Eisenbach & Co., Alexander
Bldg., San Francisco.
Architect—A. H. Knoll, Hearst Bldg.,
San Francisco.
Contractor—J. Wethy & Greenleaf,
2910 Telegraph Ave., Oakland. \$14,000

DWELLING
(5404) 2944 KING, Berkeley. Dwlg.
Owner—B. B. Gray, 223 Blake Block,
Oakland.
Architect—A. Jenich, 5255 College Av.,
Oakland.
Contractor—C. Anderson, 1451 9th Av.,
Oakland. \$4400

DWELLING
(5405) 1244 GROVE, Berkeley. Dwlg.
Owner—Florence Bane, 2005 Vine St.,
Berkeley.
Architect—None.
Contractor—Wilson Ellis, 2236 Grove
St., Berkeley. \$4100

DWELLING
(5406) 605 THE ALAMEDA, Berkeley.
Dwelling.
Owner—J. Harry Smith, 855 The Ala-
meda, Berkeley.
Architect—None. \$4250

DWELLING
(5407) 1706 & 1702 ROSE ST., Berke-
ley. Two dwellings.
Owner—Chas. Isakson, 1609 Hearst
Berkeley.
Architect—None. \$3200 & \$2500

ALTERATIONS
(5408) 2 THE UPLANDS, Berkeley.
Alterations.
Owner—H. Hunt, 2 The Uplands, Berke-
ley.
Architect—None.
Contractor—Ben Pearson, 2403 Grant
St., Berkeley. \$4500

DWELLINGS (2)
(5409) 1204 - 106 CURTIS ST, Berkeley
Two dwellings.
Owner—C. M. MacGregor, 470 13th St.,
Oakland.
Architect—None. \$3800 ea.

DWELLING
(5410) 1357 CARLTON ST., Berkeley.
Dwelling.
Owner—C. M. MacGregor, 470 13th St.,
Oakland.
Architect—None. \$3800

DWELLING (5411) 1137 STANNAGE, Berkeley. Dwelling. Owner—C. M. MacGregor, 470 13th St., Oakland. Architect—None. \$3800	DWELLINGS (2) & GARAGES (5425) 2400 & 2408 73RD AVE., Oakland. Two 1-story 5-room dwigs. and 1-story garages. Owner—W. I. De Long, 1725 B Street, Hayward. Architect—None. \$3125 ea.	DWELLING (5434) W BIRDSALL AVE. 35 N MORCOM AVE., Oakland. 1-story 5-rm. dwelling. Owner—A. B. Hughes, 902 Washington St., Oakland. Architect—None. Contractor—Hanford & Atkinson, 1715 Broadway, Alameda. \$3000
DWELLING (5412) 1219 CARLTON, Berkeley. Dwelling. Owner—J. J. Fushing, 6311 San Pablo, Oakland. Architect—None. Contractor—Lee Mazier, 1096 63rd St., Oakland. \$2000	DWELLING & GARAGE (5426) N CAVANAUGH RD., 150 W Barrows Rd., Oakland. 1-story 6-room dwlg. and garage. Owner—Mrs. High, 900 Lakeshore Av., Oakland. Architect—None. Contractor—F. T. Malley, 900 Lakeshore Ave., Oakland. \$5500	DWELLING (5435) NW COR. BIRDSALL & MORCOM AVES., Oakland. 1-story 5-rm. dwelling. Owner—A. B. Hughes, 902 Washington St., Oakland. Architect—None. Contractor—Hanford & Atkinson, 1715 Broadway, Alameda. \$3000
DWELLING (5413) 657 ARLINGTON, Berkeley. Dwelling. Owner—W. Martin, Berkeley. Architect—None. Contractor—C. Burke, 4129 Randolph Ave., Oakland. \$6500	ADDITION (5427) 4069 LINCOLN AVE., Oakland. Addition. Owner—A. A. Shaw, 4069 Lincoln Ave., Oakland. Architect—None. \$2000	DWELLING (5436) W PROSPECT DR., 500 S Ocean View Drive, Oakland. 2-story 10-rm. dwelling. Owner—J. M. Fitts, 5157 Shafter Ave., Oakland. Architect—None. \$8000
DWELLING (5414) 741 HILGARD, Berkeley. Dwelling. Owner—E. B. Lamb, 1064-16th St., Oakland. Architect—John Carson, 50 Yosemite Ave., Oakland. \$5000	DWELLING (5428) W 67TH AVE. 360 S BECK ST. Oakland. 1-story 4-room dwlg. Owner—G. C. Martin. Architect—None. Contractor—T. J. Wilson, 1657 68th Av., Oakland. \$2900	DWELLING (5437) 5332 MANILA AVE., Oakland. 1-story 6-room dwelling. Owner—A. Lamannan, 5336 Manila Av., Oakland. Architect—None. Contractor—H. Goranson, 3476 Laguna Ave., Oakland. \$3750
DWELLING (5415) 2319 CRAGMONT AVE., Berkeley. Dwelling. Owner—Ed. Berg, 629 56th St., Berkeley. Architect—S. Jackson. \$5000	REPAIRS (5429) NW COR. 12TH AVE. & E-15th St., Oakland. Roof repairs. Owner—Brooklyn Pres. Church, 12th & E-15th St., Oakland. Architect—None. Contractor—Sture, Elliott & Elliott, 524 Athol Ave., Oakland. \$1700	SHOP (5438) S 16TH ST 100 E MYRTLE ST. Oakland. 1-story shop. Owner—A. Garcia, 1131 34th St., Oakland. Architect—None. Contractor—A. H. Rose, 478 25th St., Oakland. \$1000
DWELLING (5416) 2346 STUART ST., Berkeley. Dwelling. Owner—C. Pirang, 480 Forest Avenue, Oakland. Architect—None. \$6000	ADDITION (5430) 624 ALVARADO RD., Oakland. Addition. Owner—F. C. Ernst, 625 Alvarado Rd., Oakland. Architect—None. Contractor—G. W. Muther. \$1000	DWELLING (5439) E 61ST AVE 200 S EASTLAWN AVE., Oakland. 1-story 4-room dwelling. Owner—W. W. Heltman, 1751 68th Av., Oakland. Architect—None. \$1850
DWELLING (5417) 628 NEILSON ST., Berkeley. Dwelling. Owner—G. Ralston, 1853 Catalina, Berkeley. Architect—F. Anderson, Telegraph Av., Berkeley. \$3750	DWELLING (5431) W 48TH AVE. 648 N MELROSE AVE., Oakland. 1-story 5-room dwelling. Owner—P. M. Paulsen, 1424 Adeline St., Oakland. Architect—None. \$3000	ALTERATIONS & ADDITION (5440) 1601 83RD AVE., Oakland. Alterations and additions. Owner—Mrs. A. H. Johnston, 1601 83rd Ave., Oakland. Architect—None. Contractor—N. A. Elftman, 1601 83rd Ave., Oakland. \$2000
DWELLING (5418) WALNUT, NR. DELAWARE ST., Berkeley. Dwelling. Owner—Bessie Mayhew, Oakland. Contractor—E. Henderson, 2737 Forest Ave., Berkeley. \$8500	DWELLINGS (3) (5432) 2573 - 77 - 81 WALLACE ST., Oakland. Three 1-story 4-room dwellings. Owner—Roy Conner, 2848 Hopkins St., Oakland. Architect—None. \$3000 ea.	ADDITION (5441) 2751 RICHIE ST., Oakland. Addition. Owner—Mrs. Hendrickson, 2751 Richie St., Oakland. Architect—None. Contractor—H. E. Alexander, 8016 Ney Ave., Oakland. \$1200
DWELLING (5419) N HANLEY RD. 100 W WATERHOUSE RD., Oakland. 1-story 4-room dwelling. Owner—John I. Jones, 3926 Hanley Rd., Oakland. Architect—None. \$2500	DWELLING (5433) E JEAN ST 50 S SANTA ROSA AVE., Oakland. 1-story 6-room dwelling. Owner—Annie C. Peterson, 1200 E-24th St., Oakland. Architect—None. Contractor—Chas. Peterson, 1200 E-24th St., Oakland. \$4000	ALTERATIONS & ADDITION (5442) 543 28TH ST., Oakland. Alterations and addition. Owner—Mrs. F. W. Meyer, 543 28th St., Oakland.
DWELLING (5420) N EXCELSIOR AVE. 150 E Bruce St., Oakland. 1-story 5-rm. dwelling. Owner—L. C. Fish, 2453 Park Blvd., Oakland. Architect—None. \$4850	DWELLING & GARAGE (5421) W CHABOLYN TERRACE, 240 N Chabot Rd., Oakland. 1-story 5-room dwelling and garage. Owner—E. E. Carpenter, 5520 College Ave., Oakland. Architect—Dixon & Hillen, Oakland. \$4600	
DWELLINGS (2) (5422) W CHURCH ST. 135-150 S Arthur St., Oakland. Two 1-story 5-room dwellings. Owner—W. L. Cleveland, Martinez. Architect—None. Contractor—H. T. Caskey, 5929 Mauritanian Ave., Oakland. \$3000 ea.		
DWELLING (5423) NE 22ND ST. 68 W 11TH AV., Oakland. 1-story 6-room dwlg. Owner—Huddleston & Blue, 1429 Bdy., Oakland. Architect—None. Contractor—O. A. Schroeder, 522 Boulevard Way, Oakland. \$4350		
DWELLING (5424) 1750-101ST AVE (REAR), Oakland. 1-story 3-room dwlg. Owner—W. J. Parry, 1750 101st Ave., Oakland. Architect—None. \$1000		

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Architect—None.
Contractor—E. L. Buckland, 623 63rd St.
Oakland. \$1000

DWELLING
(5415) A. FRAZIER ST 191 W STANLEY RD. Oakland. 1-story 4-room dwelling.
Owner—F. W. Jury, Truman Ave. & Stanley, Oakland.
Architect—None.
Contractor—C. L. Jury, 1926 194th Ave., Oakland. \$2300

DWELLING
(5411) N SANTA RAY AVE. 420 E Calmar Ave., Oakland. 1-story 6-room dwelling.
Owner—Henry J. Wagner Co., 2200 Clinton Ave., Alameda.
Architect—H. Slocumb, Oakland. \$5800

DWELLING & GARAGE
(5445) 2650 162ND AVE. Oakland. 1-story 5-room dwlg and garage.
Owner—P. M. Jemo, 1323 96th Avenue, Oakland.
Architect—None.
Contractor—C. W. Griffith, 1323 96th Ave., Oakland. \$3210

DWELLING
(5416) E ADMIRAL WAY 150 N Mountain Blvd., Oakland. 1-story 2-room dwelling.
Owner—Leo S. Robinson, 2237 Antonio Ave., Alameda.
Architect—None.
Contractor—R. M. Coates, 4330 72nd Ave., Oakland. \$1200

ADDITION
(5447) NE COR BROADWAY & MOSS Ave., Oakland. Addition.
Owner—Fabiola Hospital Ass'n, premises.
Architect—None.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland. \$1500

DWELLING
(5448) N PAXTON ST 67 E PERALTA Creek, Oakland. 1-story 5-room dwelling.
Owner—Tonnell & Miller, 1525 57th Ave., Oakland.
Architect—None. \$3000

STORES & OFFICES
(5449) E FRANKLIN ST 26 N 17TH Street, Oakland. 2-story brick stores and offices.
Owner—H. E. Holmes.
Architect—M. P. Brasch, 392 17th St., Oakland. \$18,000

DWELLING
(5450) 918 SAN BENITO, Berkeley.
Owner—Chas. Ward, 2012 Delaware St Berkeley.
Architect—G. Hale, 2543 Buena Vista, Berkeley.
Contractor—G. Hale, 2543 Buena Vista, Berkeley. \$5000

REPAIRS
(5451) OXFORD AND ALLSTON, Berkeley. Repairs.
Owner—Anderson, Fresno, Cal.
Architect—None.
Contractor—F. Muller, 805 Syndicate Bldg., Oakland. \$7000

DWELLING
(5452) 1334 CARLTON ST., Berkeley.
Owner—A. H. De Groff, 727 Curtis St., Albany.
Architect—None. \$1800

DWELLING
(5453) 2001 YOLO, Berkeley. Dwelling.
Owner—R. Price, 716 Contra Costa, Berkeley.
Architect—None. \$4000

DWELLING
(5454) 630 ALMA AVE., OAKLAND.
2-story 5-room dwelling.
Owner—E. O. Francis, 1422 14th Ave., Oakland.
Architect—None. \$4000

DWELLING
(5455) E 63RD AVE. 180 S FORTUNE Way, Oakland. 1-story 5-room dwelling.
Owner—J. Moyle, 2514 63rd Avenue, Oakland.
Architect—None. \$3500

DWELLINGS (2)
(5456) N HOLLYWOOD BLVD. 60 & 95 W 109th Ave., Oakland. Two 1-sto. 5-room dwellings.
Owner—Cummins & White, 118 E-14th St., Oakland.
Architect—None. \$2000 ea.

DWELLINGS (3)
(5457) LOTS 36, 38 & 245 MERRIMWOOD TRACT, Oakland. Three 1-sto. 2-room dwellings.
Owner—Realty Syndicate Co., 1440 Broadway, Oakland.
Architect—None. \$800 ea.

DWELLING
(5458) 3994 MAGEE AVE., OAKLAND.
1-story 6-room dwelling.
Owner—Emil Apelson, 2830 38th Ave., Oakland.
Architect—None.
Contractor—John Tell, 3128 63rd Ave., Oakland. \$4000

DWELLING
(5459) LOT 107 FOREST PARK, OAKLAND. 1-story 4-room dwelling.
Owner—Wickham Havens, Inc., 1440 Broadway, Oakland.
Architect—None.
Contractor—Thos. Victors, 818 Lincoln Ave., Alameda. \$3525

DWELLING
(5460) 350 BAY VIEW AVE., OAKLAND. 2-story 6-room dwelling.
Owner—E. W. Kilgore, 1105 E-28th St., Oakland.
Architect—None.
Contractor—L. H. Legris, 1351 Hampel St., Oakland. \$6864

DWELLING
(5461) N MADELINE ST 201 W MAPle Ave., Oakland. 1-story 4-room dwelling.
Owner—F. S. Taylor, P. O. Box 97, Fruitvale.
Architect—None. \$2750

DWELLING
(5462) E 107TH AVE. OPP. ROYAL Ann Ave., Oakland. 1-story 4-rm. dwelling.
Owner—N. A. Hickok, 1431 46th Ave., Oakland.
Architect—None.
Contractor—R. F. Waitman, 1045 Victoria St., San Leandro. \$2000

DWELLING
(5463) N HILLSIDE ST 80 E 76TH Ave., Oakland. 1-story 4-room dwelling.
Owner—Daniel Hansen, 1431 46th Ave., Oakland.
Architect—None.
Contractor—R. F. Waitman, 1045 Victoria St., San Leandro. \$2000

DWELLING
(5464) S JEAN ST 100 W SUNNY-Slope Ave., Oakland. 1-story 6-rm. dwelling.
Owner—G. T. Taylor, 1306 Brush St., Oakland.
Architect—None.
Contractor—E. F. Miller, 1306 Brush St., Oakland. \$4000

ALTERATIONS & ADDITION
(5465) 3140 UNION ST., OAKLAND.
Alterations and addition.
Owner—F. Guaragno, 3140 Union St., Oakland.
Architect—None.
Contractor—A. L. Davis, 2626 Union St., Oakland. \$1000

APARTMENTS
(5466) E LINCOLN AVE. 261 N Hopkins St., Oakland. 2-story 16-room apts. and garage.
Owner—F. C. Southard, 2420 Hopkins St., Oakland.
Architect—Fred Spruy.
Contractor—W. J. Booth, 811 San Pablo Ave., Berkeley. \$11,000

DWELLING
(5468) N TRESTLE GLEN RD. 100 W Sunnyhill Rd., Oakland. 2-story 10-room dwelling.
Owner—Mrs. A. Lanteri, 2910 Telegraph Ave., Oakland.
Architect—None.
Contractor—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland. \$11,000

APARTMENTS
(5468) S E-NINETEENTH ST. 50 E 11th Ave., Oakland. 2-story 16-rm. apts. and garage.

Contractor—A. Meyer, 1643 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$11,000

APARTMENTS
(5469) SE COR ELLENBETH AVE & E 19th St., Oakland. 2-story 16-rm apt. and garage.
Contractor—A. Meyer, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$11,000

RENOVATION
(5469) FORTY-SECOND ST. BET. Adeline and Linden Sts., (being S 42nd St. 120 W Linden).
General construction 5-room 1-story frame bungalow.
Owner—F. H. Burrill, 1075 42nd St., Oakland.

Architect—William E. Berthel.
Contractor—J. F. Brown, 1920 Seminary Ave., Oakland.

Filed Oct. 15, 1924. Dates Sept. 24, 1924.
When frame set up \$200
1st coat of plaster 920
When completed 920
Usual 35 days 920
TOTAL COST, \$2680
Bond, sureties, forfeit, none. Limit, 50 working days from Oct. 9, 1924. Plans and specifications filed.

OAKLAND BUILDING SUMMARY

Private building operations in Oakland for the month of September, 1924, total \$2,592,094, according to T. W. Ryan, building inspector of Oakland. A segregated list of the activities for September follows:

Classifications of Bldgs.	No. of Permits	Cost
1-story dwellings.....	352	\$1,055,176
1-st 2-family dwlgms....	7	40,000
1-st dwlg & store.....	2	10,686
1½-st dwellings.....	5	22,500
2-st dwellings.....	22	135,389
2-st flats.....	5	36,390
2-st flats & stores.....	1	5,900
2-st apartments.....	15	187,500
2-st apts & stores.....	3	49,000
3-st apartments.....	3	78,000
1-st stores.....	12	54,785
1-st warehouse.....	1	1,000
1-st comfort station.....	1	1,200
1-st shop.....	2	3,900
1-st office.....	1	500
1-st tile garage.....	11	6,900
1-st tile service station	2	2,000
1-st concrete stores.....	1	14,000
1-st conc service station	2	2,900
1-st concrete church.....	1	81,500
2-st concrete garage.....	1	60,000
2-st conc bank, add'l cost		50,000
2-st conc stores & offices	1	18,000
6-st conc stores & lofts.....	1	90,000
1-st conc & tile whrse.....	1	12,000
1-st brick stores.....	2	9,500
1-st brick service stn.....	1	800
1-st br garage & whrse.....	1	18,000
1-st brick garage.....	1	15,700
1-st brick shop.....	1	1,400
Brick addition.....	4	63,336
1-st brk & conc store.....	1	11,000
3-st brk & tile apts.....	1	65,000
1-st steel service stn.....	3	5,600
1-st garages & sheds.....	338	69,514
Electric signs.....	38	10,100
Billboards.....	7	126
Marquee.....	2	300
Roof sign.....	1	500
Additions.....	112	99,918
Alterations & repairs.....	245	106,474
Total.....	1211	\$2,592,094

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Oct. 8, 1924—LOTS 35 AND 36, BLK. B, Map of Resubdivision of the Kinsell Tract, Brooklyn Twp. Angelo and Rose Pilotti to Carl Peterson and Ernest Anderson.
Oct. 8, 1924—LOT 13 BLK. 22, Map of the property of L. M. Beaudry & G. Trudeau, Oakland, Lorenzo and Aurelia Serventi to Ed Carlson and H. A. Lundblad. Oct. 1, 1924

Oct. 8, 1924—LOTS 20 AND 21, BLK. 12, Solano Avenue Terrace, Berkeley. Gwendoline M. Radison to M. J. Radison. Oct. 7, 1924
Oct. 8, 1924—LOT 16, BLK. 11, Fourth Avenue Heights, Oakland. J. E. Reite to Reite Bros. Oct. 3, 1924
Oct. 8, 1924—LOT 15, BLK. 6, Lakeshore Highlands, Oakland. Frances E. Kramer to Cox Bros. Oct. 3, 1924
Oct. 8, 1924—LOT 73 OAKLAND, Prospect Homestead, Oakland. F. Higgins to whom it may concern. Oct. 7, 1924
Oct. 8, 1924—LOTS 17 AND 18 AND N 15 ft. of Lot 16, BLK. C, Map of Tuxedo Park Addition to the City of Oakland, Oakland. Gust Ekstrom to Emil Lindquist. Oct. 7, 1924
Oct. 8, 1924—LOT 4, BLK. 44, Beverly Terrace, Oakland. Clarence A. Leland to Clarence A. Leland. Oct. 8, 1924
Oct. 8, 1924—1001 PARK ST., Alameda. W. G. Davis to Bart & Sons. Sept. 15, 1924
Oct. 7, 1924—LOTS 1 AND 2, BLK. 1 AND N 12.25 of Lot 26 to 33 inc. of the Kimball Tract, Emeryville. Oakland Finance Corporation to Layton & Vezey. Oct. 1, 1924
Oct. 8, 1924—LOT 31, BLK. 1, Eastlawn Tract, Oakland. H. S. Foreman to whom it may concern. Sept. 25, 1924
Oct. 9, 1924—LOTS 3 AND 4, BLK. 87, Kellershorne Map of the City of Oakland. Healy Bros. to whom it may concern. Oct. 8, 1924
Oct. 9, 1924—1189 65TH ST., Alameda. Betmon to whom it may concern. Oct. 3, 1924
Oct. 9, 1924—FOR LOT 1, BLK. W, Map of the Leonard Tract, Berkeley. E. E. Carpenter to E. E. Carpenter. Oct. 9, 1924
Oct. 9, 1924—3208 MADISON ST., Alameda. Callie Buck to Howard Willford. Oct. 8, 1924
Oct. 9, 1924—1001 AND 1004 VERLAGE AVE. AND 1000 AND 1004 VERLAGE AVE. Alameda. Callie Buck to Howard Willford. Oct. 8, 1924
Oct. 9, 1924—LOT 12, MAP OF THE Ford Tract of Elmhurst, Brooklyn Twp. S. A. Wheeler to whom it may concern. Oct. 1, 1924
Oct. 9, 1924—LOT 12, VIEW TRACT, Oakland. S. Victor Davidov to whom it may concern. Oct. 9, 1924
Oct. 9, 1924—LOT 29, BLK. 32, Amended map of Fairmount Park, Berkeley. Clemence and Filmen Lavigne to A. P. Anderson. Sept. 20, 1924
Oct. 11, 1924—LOT 132 AND Ptn Lot 135, Gansberger Tract, Eden Twp. Julius Hovanitz to whom it may concern. Oct. 7, 1924
Oct. 11, 1924—NW 1/4 QUARTY FIFTH AVE AND Foothill Blvd., Oakland. Associated Oil Co to L. R. Sorensen. Oct. 7, 1924
Oct. 11, 1924—LOT 13 BLK 10, Fitchburg Homestead Lots, Oakland. S. A. Greene to whom it may concern. Oct. 10, 1924
Oct. 11, 1924—NO. 112 RONADA AVE., Piedmont. R. M. Myers to whom it may concern. Oct. 10, 1924
Oct. 11, 1924—LOT 25, Ardley Heights, Oakland. B. Brodnak to Call Builders Co. Oct. 11, 1924
Oct. 11, 1924—NO. 5915-5917 KEITH AVE., Oakland. Mrs. J. Lumid to Joseph Coward. Sept. 27, 1924
Oct. 11, 1924—PTN LOT 1, Walsworth Tract, Oakland. John G Silva to whom it may concern. Oct. 10, 1924
Oct. 11, 1924—LOT 28, Lakeshore Highlands, Oakland. Robt Karges to E. T. Leiter & Sons. Oct. 11, 1924
Oct. 10, 1924—W SIDE BAKER ST., 110 So. of 1st St., Oakland. Ralph Wood to Fred W. Peters. Oct. 8, 1924
Oct. 10, 1924—LOT 3 BLK G OF THE Harmon Tract, Oakland. Adeline Elizabeth Walton to Fred W. Borden. Oct. 9, 1924
Oct. 10, 1924—64 SIXTY-EIGHTH AVE., Oakland. F. A. Roerber to T. J. Wilson. Oct. 9, 1924
Oct. 10, 1924—LOTS 80 AND 81 BLK 1 Amended Map of Regents Park, Oakland. W. E. Day to whom it may concern. Oct. 9, 1924
Oct. 10, 1924—POR LOT 12 MAP OF Portion of Highland Park, Oakland. J. E. Sprague to whom it may concern. Oct. 9, 1924
Oct. 10, 1924—NE COR. BELLEVUE AVE. AND Ellita St., Oakland. Mrs.

Jackson and Richard A. Jackson to Smith Bldg. Co. Oct. 1, 1924
Oct. 10, 1924—LOT 5 HILLVIEW TERRACE TRACT, Mary M. Huntley to whom it may concern. Oct. 10, 1924
Oct. 14, 1924—LOTS 11 AND 12, MAP of Furrer & Todd Tract, Oakland. Alfred J. Hopper to whom it may concern. Oct. 11, 1924
Oct. 14, 1924—PARCEL 1, LOT 17 and Parcel 2, Lot 42, View Tract, S. Victor Davidov to whom it may concern. Oct. 14, 1924
Oct. 14, 1924—NW COR. 28TH AND Webster Sts., Oakland. First Hebrew Congregation of Oakland to Murch-Williams Construction Co. Oct. 10, 1924
Oct. 14, 1924—N SIDE OF VAN Buren Ave. 100 W of Fountain St., Alameda. Emma M. Nienkirk to Howard Willford. Oct. 11, 1924
Oct. 14, 1924—LOT 7 AND E 12 1/2 FT. of Lot 6, Blk. C, Map showing a subdivision of Blk. C of the revised Map of Prospect Hill Tract, Brooklyn Twp. R. Ruge and J. E. Lisbon to whom it may concern. Oct. 14, 1924
Oct. 14, 1924—LOT 1, AND S 30 FT. of Lot 2, Blk. 2, Daley's Scenic Park, Berkeley. Delta Leta Building Association to Conner & Conner. Oct. 3, 1924
Oct. 14, 1924—450 LEWIS AVE., San Leandro. D. Stromberg to whom it may concern. Oct. 14, 1924

LIENS FILED

ALAMEDA COUNTY

recorded Amount
Oct. 8, 1924—LOT 1 BLK A MAP OF Blocks A and E Crystal Springs Tract, Berkeley. M. Stulsaft Co. vs. E. O. Wester, H. R. Anderson. \$145.86
Oct. 8, 1924—LOT 15, MAP 7 Regents Park, Albany. M. Stulsaft Co. vs. J. Toreky, H. R. Anderson. \$124.64
Oct. 8, 1924—LOT 1 BLK D MAP OF the Resubdivision of Blk. C and the Blk. E Tract, Oakland. M. Stulsaft Co. vs. W. B. Moore, H. R. Anderson. \$258.65
Oct. 9, 1924—1629 HEARST BLVD., Berkeley. C. S. Lane vs. Mary Josephine Schaefer and Mary Alice Forget. \$260.
Oct. 9, 1924—1026 FIFTH ST., Oakland. Sunset Lumber Co. vs. Lombardozzi and F. L. Scheidegger. \$49.00
Oct. 8, 1924—2476 PRINCE STREET, Berkeley. Edgar Hey vs. D. R. Yates, Mrs. D. R. Yates, S. W. Hattaway. \$103
Oct. 8, 1924—PARCEL 1 LOT 1 AND Por Lot 2 Blk A Hamilton Tract Parcel 2 Lot 12 Map of Virginia Tract, Berkeley. Hoff Mareschke Co. vs. J. J. Tansey, W. Slater, W. Wyman. \$324.19
Oct. 8, 1924—PARCEL 1 LOT 1 AND Por Lot 2 Blk A Hamilton Tract Parcel 2 Lot 12 Map of Virginia Tract, Berkeley. Hoff Mareschke Co. vs. J. J. Tansey, W. Wyman, J. W. Slater. \$324.19
Oct. 10, 1924—LOT 13 BLK 52, Leveys Map of Clifton, Oakland. Sunset Lumber Co. vs. N. J. Rizzo and Julia Rizzo & G. W. Merritt. \$582.74
Oct. 10, 1924—SO 25 FT. OF LOT 10 AND N 12-6 of Lot 11, Blk. C, Map of Thousan Oaks, Berkeley. Uhl Bros. vs. H. C. Anderson. \$53.25
Oct. 10, 1924—PARCEL (1) LOT 1 & Por Lot 2 Blk A Hamilton Tract, Parcel (2) Lot 12 Map of Virginia Tract, Berkeley. E. K. Wood Lumber Co. vs. J. J. Tansey, J. W. Slater, W. Wyman. \$534.06
Oct. 10, 1924—SE COR. E 14th and Fourth Aves. and E 14th St., Oakland. Hutchinson Co. vs. Wm. J. Pugh. \$260
Oct. 14, 1924—S POR. OF LOT 1, Blk. 6, Amended Map of a Portion of La Loma Park and the Wheeler Co. vs. Garfield W. Hall, Ethel M. Hall. \$313.36
Oct. 14, 1924—POR. OF LOT 1, Map of Hogan's Subdivision of Highland Park, B. W. Harmon and H. Nicoll, (Melrose Sheet Metal Works) vs. Ella R. Henry, A. J. Henry and F. W. Borden. \$43.25

Oct. 14, 1924—LOT 6, BLK. 87, Hogans Subdivision of Highland Park. B. W. Harmon and H. Nicoll (Melrose Sheet Metal Works) vs. A. J. Henry, Ella R. Henry and F. W. Borden. \$43.25
Oct. 14, 1924—714 POMONA AVE., Albany. M. Stulsaft Co. vs. W. I. Leoth and H. R. Anderson. \$105.63
Oct. 14, 1924—OAK AVE. A PT. ON N line of Van Buren St. 100 ft. E of E line of Court St., thence E 35 ft. N 60 ft. W 35 ft. S 60 ft. to pt. of beg. Howard Willford vs. Emma Maria Stulsaft. \$1014.35
Oct. 14, 1924—LOTS 1 AND 2, BLK. A, Map of portion of plot 66, Berkeley. Julius J. Jacobs, C. Theo. Ramsing (Fillmore Hardware Co.) vs. J. J. Tansey and J. W. Slater. \$50.

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 8, 1924—BEG. AT THE SW LINE of Walker St. also known as E St. 16'6" wide at cor. of Plots 1 and 3, Map Report of Referees in adm. the partition Action W. P. Toler et al. vs. Jose C. Peralta, thence NW 530.50 ft. SW 202.36 ft. E 526 ft. NE 128.86 ft. to pt. of beginning, containing 2 acres m or l, Oakland. P. E. O'Hair & Co. (Oakland Plumbing Supply Co.) to E. J. Elliott and G. E. Nickerson. \$61.71
Oct. 8, 1924—BEG. AT THE SW LINE of Walker St. also known as E St. 16'6" wide at cor. of Plots 1 and 3, Map Report of Referees in adm. the partition Action W. P. Toler et al. vs. Jose C. Peralta, thence NW 530.50 ft. SW 202.36 ft. E 526 ft. NE 128.86 ft. to pt. of beginning, containing 2 acres m or l, Oakland. P. E. O'Hair & Co. to E. J. Elliott and Geo. E. Nickerson. \$61.71
Oct. 11, 1924—S 25 LOT 41 and 25 Lot 40, Map Bay Side Tract, Oakland. Fred Pearson. \$1819.77; E Geoffrey Bangs, \$530.04 to R E Burns
Oct. 10, 1924—POR PLOT NO. 84 Map of the Randolph Vine & D. B. mingo Property, and also Ptn of Lot and ptn of an unnumbered Lot adjacent thereto in Blk E Map Hopkins Terrace Map No. 3, Berkeley. Berkeley Electrical Co. vs. George T. Barrett, Josephine A. Morgan Barrett and Designers & Builders Co. \$120.75
Oct. 9, 1924—LOT 7 BLK 7 MAP LAKESHORE, Highland Park, Oakland. S. M. Mull & Lumber Co. to W. P. Wilson, Louise C. Wilson. \$497.82

BUILDING CONTRACTS

SANTA CLARA COUNTY

HOUSE
THAT PARCEL OF LAND ON COLLEGE Ave. adjoining Alma St., Palo Alto, Cal. All work for 5-room house and garage.
Owner—Cora L. and I. E. Mason, Palo Alto.
Architect—None.
Contractor—W. S. Couter & Co., 172 University, Palo Alto.
Filed Oct. 14, 1924. Dated Oct. 13, 1924.
Frame up. \$1500
Ready for plaster. 1500
Completed and accepted. 1500
Usual 35 days. 1500
TOTAL COST, \$6000
Bond, Forfeit, none; Limit, 90 days;
Plans and specifications filed.
BLEACHERS
ON THE NORTHWEST CORNER OF Bellomy and Main Sts., Borden of Santa Clara, Cal. Wood frame bleachers 8 ft. grammar school.
Owner—The Board of Trustees of the Union High School District, Santa Clara.
Architect—Herman Krause 601 Coe, San Jose.
Contractor—Morrison Bros (a corporation), 1310 Liberty, Santa Clara.
Filed Oct. 14, 1924. Dated Oct. 13, 1924.
Usual 35 days. 75%
TOTAL COST, \$2043
Bond, \$1022; Sureties, C. for 75%
D. N. Wallace; for 25%; none; Limit, 90 days; Plans and specifications filed.

ADDITION

BRICK VENEER SHOP AND ADDITION to form an extension to present shops on above.
 Filed Oct. 9, 1924. Dated Oct. 3, 1924.
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$3360
 Bond, \$1930; Sureties, C. A. Morrison, D. N. Wallace; Forfeit, none; Limit, 90 days; Plans and specifications filed.

PLUMBING

ON UNIVERSITY AVE. & RAMONA Street, Palo Alto. Plumbing work for theatre building.
 Owner—Palo Alto Theatre Co., Palo Alto, Cal.
 Architect—Weeks & Day 315 Montgomery St., San Francisco.
 Contractor—Wm. J. Forster Co., 355 4th St., San Francisco.
 Filed Oct. 9, 1924. Dated Sept. 25, 1924.
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$4175
 Bond, \$2087.50; Sureties, National Surety Co.; Forfeit, none; Limit, none; Plans and specifications filed.

RESIDENCE

LOT 19 BLOCK 4 ALAMEDA PARK Tract, San Jose. All work for 1-story frame residence and garage.
 Owner—Dr. L. M. Rose, Bank of Italy Bldg., Santa Clara.
 Architect—Wolfe & Higgins, 93-96 Auzerals Bldg., San Jose.
 Contractor—Frank Nevis, Twn. of Santa Clara, Cal.
 Filed Oct. 8, 1924. Dated Oct. 2, 1924.
 Frame up & rafters on \$1877.35
 1st coat plaster on 1377.35
 Completed and accepted 1877.40
 Usual 35 days 1877.40
TOTAL COST, \$7509.50
 Bond, \$3754.75; Sureties, Jas. A. Chase, S. H. Chase; Forfeit, none; Limit, 90 days; Plans and specifications filed.

ALTERATIONS

31 EAST SANTA CLARA ST., San Jose. Alterations and additions.
 Owner—Frank Krenrich, 137 North 6th St., San Jose.
 Architect—None.
 Contractor—H. Bridges, Pine & Lincoln Sts., and H. Munton, 112 S. Lincoln St., San Jose.
 Filed Oct. 14, 1924. Dated Oct. 3, 1924.
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$1475
 Bond, Forfeit, none; Limit, 30 days; Plans, none; Specifications filed.

COTTAGE

NO. 134 HESTER AVE., San Jose, Cal. All work for 1-story cottage.
 Owner—R. Krebs, 77 Hester, San Jose.
 Architect—None.
 Contractor—R. T. Souther, 43 Grand Ave., San Jose, Cal.
 Filed Oct. 15, 1924. Dated Oct. 14, 1924.
 Frame erected \$500
 Brown mortar on 500
 Standing finish on 400
 Completed and accepted 440
 Usual 35 days 840
TOTAL COST, \$2380
 Bond, Forfeit, none; Limit, 90 days; Plans, none; Specifications filed.

HOUSE

EAST SIDE NORTH SEVENTEENTH Street between St. James and Julian Streets, San Jose, Cal. All work for 1-story 5-room house.
 Owner—A. Martino, 224 North 17th St., San Jose, Cal.
 Architect—None.
 Contractor—A. R. Caminetti, San Jose.
 Filed Oct. 15, 1924. Dated Oct. 14, 1924.
 Frame up \$1295
 House plastered 1295
 Completed and accepted 1295
 Usual 35 days 1295
TOTAL COST, \$5180
 Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

ALTERATIONS

NO. 276 S-SECOND ST., San Jose. All work for alterations and additions to undertaking parlors.
 Owner—San Jose Undertaking Co., 276 South First St., San Jose.
 Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
 Contractor—Jorgensen & Cook, 651 Prevost St., San Jose.

Filed Oct. 6, '24. Dated Oct. 3, '24.
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$1050

Bond, \$525. Sureties, Richard French and Otto E. Schuch. Plans and specifications filed.

RESIDENCE

LOTS 1 AND 2 BLK B Spalding Addition to Town of Sunnyvale. All work for one-story residence.
 Owner—J. M. Gillingly, Sunnyvale, Cal.
 Architect—L. M. Scott, P. O. Box 8, Sunnyvale, Cal.
 Contractor—F. R. Garisch and H. H. Bull.
 Filed Oct. 3, '24. Dated Oct. 3, '24.
 Frame up 1
 Plaster on 1
 Residence completed 1
 Usual 35 days 1
TOTAL COST, \$5388.80

Bond, \$2794.40. Sureties, P. R. Wightman and C. W. Sheppard. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.

FIRST AND SAN CARLOS STS., San Jose. All sheet metal work on five-story office building.
 Owner—Sainte Claire Realty Co., San Jose.
 Architect—Weeks & Day, 315 Montgomery St., San Francisco.
 Contractor—Western Furnace & Corning Co., 202 Brannan St., S. F.

Filed Oct. 4, '24. Dated Oct. 1, '24.
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$1575
 Bond, limit, forfeit, none. Plans only filed.

COTTAGE, 5-room, \$4550; 15th near Jackson, San Jose; owner, Jos. Palmieri; architect, Jerome Garcia, Balbach & Vine, San Jose.

COTTAGE, 5-room, \$2000; Whittier nr. 28th, San Jose; owner, Benj. Scorsur; contractor, C. W. Spotswood, 79 S. 22nd St., San Jose.

DWELLING, 5-room; \$3800; 9th near Margaret, San Jose; owner, D. S. Higgins, 402 Auzerals, San Jose.

RESIDENCE, 5-room, \$5180; 17th near Julian, San Jose; owner, A. Martino, 224 N. 17th, San Jose; contractor, V. R. Caminetti, 975 Vine, San Jose.

RESIDENCE, 6-room, \$3500, Prospect & Edwards, San Jose; owner, John Pace, R. F. Stone Ave., San Jose; contractor, V. R. Caminetti, 975 Vine, San Jose.

COTTAGE, 5-room, \$2250; Eighth St. near Keyes, San Jose; owner, J. S. Eslick, Premises.

RESIDENCE, 5-room, \$1900; Thirty-third nr. Santa Clara St., San Jose; owner, F. T. Smith, 33rd and McKee Sts., San Jose.

RESIDENCE, 4-room, \$3000; William St. near 13th, San Jose; owner, R. D. Hobbenger, Premises; contractor, O. D. Bobb, General Delivery, San Jose.

ALTERATIONS, \$1200; Lightston and Post Sts., San Jose; owner, W. Pinley, 441 S. 5th St., San Jose; contractor, W. J. Bigger & Son, 20th and Santa Clara Sts., San Jose.

COTTAGE, 4-room, \$1500; Whittier St. near 28th, San Jose; owner, C. B. Rolandetti, 1350 Whittier St., San Jose.

COTTAGE, 5-room, \$1800; Twenty-fifth St. near St. James St., San Jose; owner, T. O. Ennis, 125 N. 24th St., San Jose.

COTTAGE, 3-room, \$2800; Ninth near Julian St., San Jose; owner, M. Rassow; contractor, Z. O. Field & Sons Builders' Exchange, San Jose.

COTTAGE, 4-room, \$2500; Pleasant & Devine Sts., San Jose; owner, M. Seimas, Premises; designer and contractor, E. Delmaestro, 424 W. Julian St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 Oct. 8, 1924—E EMORY ST. fronting 40 ft. on street by depth of 140 ft. Portion Lot 4 Blk 48, University Grdls., San Jose. J. Frederick Fetterman to whom it may concern.....Oct. 8, 1924

Oct. 8, 1924—LOT 1 Naglee Terrace, San Jose. A C Fulton to whom it may concern.....Oct. 7, 1924
 Oct. 9, 1924—LOT 25, Edenvale Tract, San Jose. Emma Gagliardi to whom it may concern.....Sept. 8, 1924
 Oct. 14, 1924—LOT 33 BLK 1 BURLINGHAM'S Resubdivision, William F. Pogue to whom it may concern.....Oct. 14, 1924
 Oct. 15, 1924—LOT 6 BLK 9 ROSE Lawn, Mary Volkman to whom it may concern.....Oct. 14, 1924
 Oct. 15, '24—LOT 20 BLK 81 NAGLEE Park Tr survey No. 4, San Jose. Daisy R. Lewis to whom it may concern.....Oct. 15, 1924
 Oct. 15, 1924—LOT 27 BLK 3 SHOT-TENHAMERS Subdivision No. 2, Sam Geraci to whom it may concern.....Oct. 15, 1924
 Oct. 15, 1924—PART LOT 19 NAGLEE and Sainsevain Addition San Jose. J. T. McCart to whom it may concern.....Oct. 14, 1924
 Oct. 15, 1924—NORTHWEST 150 FT. of Lot 25 Block 1 Burrell Park, San Jose, Cal. Aaron F. Imhoff and Emma Imhoff to whom it may concern.....Oct. 15, 1924
 Oct. 15, 1924—LOT 49 DUNNE SUBD. of Blk 16 Cook & Branhram Add. Samuel C. Evans to whom it may concern.....Oct. 15, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 Oct. 8, 1924. LOT 8 and N 1/2 of Lot 9 Blk 13, Interurban Park Tract, San Jose. Southern Lumber Co vs. F. W. Carey.....\$592.29

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 Oct. 10, 1924—PORT LOT 13 HILLS & Sampson Tract and the Narvaez Rancho. Tilden Lumber & Mill Co. to Anna L. Kemling, Charles W. Kemling.....\$594.63
 Oct. 14, 1924—LOT 22 MYRTLE Park, Sunset Lumber Co. to Bert Gamble.....\$120.25
 Oct. 10, 1924—PORTION LOT 2 BLK 2 Elm Leaf Park, Tilden Lumber & Mill Co. to J. E. Lewis.....\$118.90
 Oct. 15, 1924—PORT LOT 2 BLK 16 Chapman & Davis Tract, Tilden Lumber & Mill Co. to Wm. F. Pogue.....\$593.50
 Oct. 8, 1924—LOTS 1-C, 2-C, 16 to 22 inclusive Vostrovsky Subd No. 1, San Jose. A G Schutte to Blanche Baird.....\$33.47

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$5480; E 25th St., bet. Roosevelt and Grant Sts., Richmond; owner, W. F. Fraser, Cor. 30th St. and Nevin Ave., Richmond; contractor, C. Overra, 2105 Roosevelt St., Richmond.

BUILDING CONTRACTS

SACRAMENTO COUNTY

RECORDED

ADDITION
 RIVERSIDE ROAD, Sacramento. All work for addition to Sutter School building.
 Owner—Board of Trustees of Sutter School District.
 Architect—None.
 Contractor—F. Morsberger.
 Filed Oct. 7, '24. Dated Oct. 1, '24.
TOTAL COST, \$3772
 Bond, limit, forfeit, plans and specifications, none.

GARAGE, brick, \$8000; No. 1208 C St., Sacramento; owner, Donohue Properties Co., Cap. National Bk Bldg., Sacramento; contractor, H. G. Bird-sall.

DWELLING, 5-room and garage, \$4500; 101 25, Gold Court, Sacramento; owner, Philip Diamond, 11th and O Sts., Sacramento.

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Oct. 7, 1924—LOT 4 BLK 14 SAC.
Sub 9, Paul, G. L. and J. M. More-
berger co-partners vs. John H.
Shannon and Luella E. (ux)....\$335
Oct. 4, 1924—LOT 1993 W & K Tract
24, Ralph Francis as "The owners
Plumbing & Heating Supply Co"
vs. Lenore E. Calkins and Frank
Davis.....\$119.95
Oct. 9, 24—LOT 152 HILBROOK OAKS
W. J. Clifford and James A. Cows-
hill vs. J. C. Reid.....\$35
Oct. 9, 1924—LOT 58 HEILBROOK
Oaks W. J. Clifford and James A.
Cowsbill vs. J. C. Reid.....\$321
Oct. 9, 1924—LOT 97 & S 15 PT OF
Lot 96 Heilbrock Oaks. J. C. Clif-
ford and James A. Cowsbill vs. J. C.
Reid.....\$125

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

BUILDING
SECTION 27, T 2 N R 5 E SE 20 Acres
of Perryman Ranch, Stockton. All
work for building.
Owner, J. C. McKinley and G. A.
Walker, 725 E-3rd St., Stockton.
Architect—None.
Contractor—Antone Sarguineti.
Filed Oct. 6, 21, 1924. TOTAL COST, \$2500
Bond, none. Limit, 60 working days.
Forfeit, none. Plans and specifications
none.

ALTERATIONS to dwelling, \$2400; No.
23 West Park St., Stockton; own-
er, L. Bates; contractor, Lewis &
Green, 1011 N-Edison St., Stockton.
DWELLINGS (3), and garages, \$400;
each. No. 1725-1735 Lucerne St.,
Stockton; owner, C. F. Anderson,
601 Orange St., Stockton.
DUPELX residence, \$3000; No. 92-94
W-Castle St., Stockton; owner, Mrs.
J. A. Scott, 82 W-Castle St., Stockton.

DWELLINGS (3) \$2500 each; No. 2802-
2808 and 2816 N-Hunter St., Stock-
ton; owner, Noel Voorheis.
DWELLING and garage, \$10,000; No.
1435 North Pershing St., Stockton;
Owner, W. H. Brown.

LUMBER shed, \$1500; Fremont and
Stockton Sts., Stockton; owner,
Falconburg Lumber Co., 848 W.
Fremont; contractor, H. H. Hen-
ning, 1751 Berkeley St., Stockton.

DWELLING and garage, \$3000; No. 422
Wyandotte St., Stockton; owner, V.
McCarthy, 501 E-Wyandotte St.,
Stockton; contractor, W. Smith.

DWELLINGS (3) and garages, \$3000;
No. 236-242-250 E-Hampton St.,
Stockton; owner, Elizabeth Harper.
DWELLING and garage, \$4000; No. 1653
S-Sutter St., Stockton; owner, A.
H. Whiting, 429 Howthorne St.,
Stockton; contractor, M. D. Valo.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 9, 1924—LOT 15 BLK 20, Map B
Subd No. 2, Tuxedo Park, Stockton.
Chas K Pasma to Chas K Pasma.....Oct. 8, 1924

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Nevada City, Reno

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ROSS E. PIERCE, Manager

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BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, \$2000; No. 1047 Collins St.,
Fresno; owner, L. A. Erickson, 1036
Pottle St., Fresno.
HOTEL, \$6000; No. 1127 G St., Fresno;
owner, A. G. Leverone, 536 Olean-
der St., Fresno; contractor, La
Forte-Heffner, 252 N-Broadway,
Fresno.
DWELLING, \$4000; No. 1019 Harrison
Ave., Fresno; owner, J. E. York,
906 Broadway, Fresno.
DWELLING, \$4000; No. 3321 Balch Ave.,
Fresno; owner, W. McLenahan; con-
tractor, Drake & Richart, 1619 Pat-
terson St., Fresno.
DWELLING and garage, \$2000; No. 3123
Alta St., Fresno; owner, Fresno
Home Builders, 1221 Broadway,
Fresno.
MEN'S home, \$40,000; No. 730 M St.,
Fresno; owner, Aviation Army,
127 1/2 Van Ness St., Fresno; con-
tractor, G. T. Gayton.
DWELLING, \$4000; No. 333 McKinley
Ave., Fresno; owner, W. E. Wat-
son, 1230 S. Fresno.
DWELLING, \$2400; No. 2451 Nicholas
St., Fresno; owner, John Kempf,
2451 Nicholas St., Fresno; contractor,
W. M. Laikam, Marks Ave.,
Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Oct. 8, 1924—CARPENTERS Carpenters
School District to T C Irwin and
John Hopkins.....Oct. 4, 1924
Oct. 10, 1924—1356 ELEY, Broadway J.
Elementary School District to J. L.
Boswell.....Sept. 19, 1924
Oct. 14, 1924—E 1/2 OF N 1/2 OF LOT
4, E 1/2 Lots 1, 2 and 3 Blk 3, Alta-
mont Addn, Fresno. J E Stevens
to Christen Sonnicksen, Aug. 27, 1924
Oct. 7, 1924—FIGARDEN, Figarden
School Dist to McGinty Constr Co
Sept. 27, 1924; Paul Kinder.....Sept. 27, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Oct. 8, 1924—PART LOTS 798, 799, 811
and 812, Bullard Lands Sub No. 6.
Fresno. J E Schumann vs Andrew
Johnson and J C Forkner F C,
Inc.....\$239

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 21 HILLSBOROUGH HEIGHTS.
All work for 2-story frame resi-
dence and garage.
Owner—Dr. E. A. Benner, 27 Griffith
Ave., San Mateo.
Architect—Henry H. Gutterson, 526
Powell St., S. F.
Contractor—W. W. Williams Co., 1140
Vancouver Ave., Burlingame.
Filed Oct. 1, 1924. Dated Sept. 30, 1924.
Weekly payments.....\$2500
Usual 35 days, balance.....\$17,707

Bond, Forfeit, none; Limit, 120 work-
ing days; Plans and specifications filed
LOT B BLOCK 10 BURLINGAME
Terrace. Labor and material.
Owner—Mrs. E. Bakewell.
Architect—None.
Contractor—Oscar L. Cavanaugh, 256
State, San Francisco.
Filed Oct. 7, 1924. Dated Oct. 2, 1924.
Frame up.....\$1281.75
Plastered.....1281.25
Completed and accepted.....1281.25
Usual 35 days.....1281.25
TOTAL COST, \$5125

Bond, Forfeit, none; Limit, 70 working
days; Plans and specifications, none.

BUNGALOW and garage, \$5000; Lot 16
Blk 3 Laguna, Burlingame; owner,
A. T. Beach.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Oct. 4, 1924—LOT 1821 & N 10 ft. Lot
1820 W & K Tract 21, Sacramento.
Edwin L. and Dorian W Snyder to
whom it may concern.....Sept. 17, 1924
Oct. 4, 1924—W 1/2 LOT 8 B, C, 29th
and 30th Sts., Sacramento. C A
Simmons to whom it may concern.....Oct. 5, 1924
Oct. 5, 1924—LOT 15 Mont Clair Tract,
Sacramento. Nellie Irwin to
whom it may concern.....Oct. 6, 1924
Oct. 9, 1924—LOT 5 BLK 9, Vina
Vista Tract, Sacramento. Harry J
Jackson to whom it may concern.....Sept. 30, 1924
Oct. 9, 1924—S 433 FT. LOT 312,
Smith Tract 4, Sacramento. Guy S
Patterson to whom it may concern.....Oct. 9, 1924
Oct. 9, 1924—N 217 FT LOT 312 and
S 217 ft. Lot 311, Smith Tract 4,
Sacramento. Guy S Patterson to
whom it may concern.....Oct. 5, 1924

Rebuilding Old Homes Now in Vogue

By Richard C. Kimball, Architect Nat'l Lumber Mfgs. Ass'n

In Washington, in New York, and in doubtless many other of the older cities of the United States one of the most marked and interesting phases of home-making at present is the systematic one might almost say professional reconstruction and modernization of old homes. It is not only a salvaging process of economic value, but it is also an absorbing and educative enterprise and is having no little civic value in that it is restoring whole run-down neighborhoods, bringing back real estate values, and is at the same time preserving hundreds of the charming specimens of the architecture of the period preceding the civil war.

It is almost invariably found that these solid homes of our forefathers were so well planned and built that any structural defects they have developed have been due to the settling of walls and foundations rather than to any weakness of material or poor workmanship. Recently a 200-year old house on the New England sea-coast was restored. It was found that the softwood under-floors, put down so long ago, were as sound as the day they were cut and so much hardened by age that when dressed they made excellent top-flooring. Rebuilders are finding everywhere that almost all of the lumber in these old houses, whether they are of frame or masonry construction is as good as new, and wherever the dimensions permit it is being used in the alterations. When additional material is required the renovator finds that he has undertaken his work opportunely as lumber is now 40 per cent cheaper than it was in 1920, and even 10 per cent cheaper than in 1923. Other building material shows similar declines.

In the smaller and also in the newer towns and cities of the country there is just now being developed a systematic drive to rebuild houses of a comparatively recent period. It is well understood that dwelling architecture was at a low ebb in the last part of the nineteenth century and the first part of this. For nearly a quarter of a century a small home that was not an eyesore from the day it was built was rare, and a majority of the large homes were atrocities perpetrated on defenseless eyes. Many of these houses are lumber-built and contain so much sturdy material that to wreck them is apt to be sheer waste. So everywhere

we hear of men, who, having grown into larger means and better taste, are examining their old homes with a view to improving their architecture by alterations and extending them to meet new requirements. Thousands of people who hate to let the old homes go are finding that simple external alterations and additions transform an ugly edifice into a home of beauty and that the additional room required may be secured at lower cost by additions and rearrangements than by the erection of a new house.

In the cities, unfortunately, hideous architecture appears to have been accompanied frequently by "jerry-building" during the period of architectural twilight, so that there it does not always pay to reconstruct a house of the first or second generation back. The good materials in such structures do not have the "salvage value in place" which is realized in the building of careful workmanship. But that reconstruction and alteration are vastly improving the residence districts of the smaller cities is evidently, to every automobile tourist. Incidentally, there is little doubt about the influence of the automobile in broadening the architectural appreciation of the average citizen. Along with improved form there is also an advance in the use of color. Our fathers and grandfathers seem to have gone color-blind about the time they lost their appreciation of proportion, so that inferior painting of ill-assorted colors was often added to shocking architecture. The rebuilt houses are generally being painted in good taste.

Rebuilding or altering are often excellent investments even where not necessary from the utilization point of view. Selling values thus gained are frequently out of proportion to the expense. This is particularly true of lumber-built houses, which are peculiarly susceptible to alterations, and they are a large proportion of the houses which are available for renovation. Building material dealers throughout the country are actively assisting their clients in studying and planning alterations of an improving nature, both practically and esthetically, and the local architect will usually be found to be a very staunch supporter of any departure that promises a better looking town.

BUNGALOW and garage, \$6000; Lot 18 Blk 61 Easton Dr., Burlingame; owner, G. M. Carlisle; contractor, H. H. Putnam, 2508 Easton Drive, Burlingame.
RESIDENCE, \$7000; Lot 9 Blk 22 (Acacia) A. H. Elmer Residence.
Owner—C. W. McLaughley, 317 Highland Ave. San Mateo; contractor, H. H. Putnam, 2508 Easton Drive, Burlingame.
BUNGALOW and garage, \$5000; Lot 6 Blk 11 S. M. Drive, Burlingame; owner, Mitchell & Kelly; contractor, Mitchell & Kelly.
BUNGALOW and garage, \$3500; Lot E Blk 10 Farrington Lane, Burlingame; owner, Mrs. E. Bakewell, 1200 Oak Grove, Burlingame.
DUNGALOW and garage, \$3500; Lot 1 Blk 51 Acadia, Burlingame; owner, R. S. and H. C. Brown.
HOUSE MOVED, \$3000; Lot 9 Blk 19 Rinitelle, Burlingame; owner, Sloan & Walbel, Broadway, Burlingame; contractor, Chris Larsen, 1228 Laguna Ave., Burlingame.
STORE BLDG., \$—; Lots 1 & 2 Block 15, S. M. Drive, Burlingame; owner J. D. Cuthbert, 1210 Bellevue, Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY Accepted
Recorded
Oct. 8, 1924—POINT LOT 9 BLK 83 South San Francisco. George Vella to whom it may concern. Sept. 23, 1924
Oct. 21, 1924—LOT 12 & BLK 82 EASTON AVE. No. 7, Burlingame. D. M. and Elizabeth S. Cline to whom it may concern. Sept. 30, 1924
Oct. 8, 1924—LOT 12 BLK 28 LYON & Grog Sub. Burlingame. Chas. G. Adams to whom it may concern.
Oct. 7, 1924—LOT 39 BLK 10 LGM Terrace Burlingame. Ad. L. L. Larson and Isabel Hamilton to Oscar L. Cavanaugh. Oct. 1, 1924
Oct. 7, 1924—LOT 24 BALDWIN AND Howell Sub Lot 167 San Mateo Park. Mitchell & Kelly to whom it may concern. Oct. 2, 1924
Oct. 7, 1924—POT LOT 12 & 13 BLK 1 Burlingame Land Co. J. E. and Anne J. Casey to Thomas J. Eudrick. Sept. 27, 1924
Oct. 7, 1924—LOT 20 BLK 7 WELLS by Park. Wm. J. Dussell to Groom & Chlinberg. Oct. 2, 1924
Oct. 7, 1924—COR. RUGGELL & Rogers St., Redwood City. H. Helmer to E. A. Olund. Oct. 2, 1924
Oct. 9, 1924—LOT 10 BLK 21 EASTON No. 2, Burlingame. Jerome M. Lawlor and Emmy L. Lawlor to Thomas N. Lawlor. Sept. 15, 1924
Oct. 9, 1924—LOT 13 BLK 9 BURLINGAME Terrace No. 2, Burlingame. Bertha C. and Walter C. Roberts to C. E. Fowler. Oct. 7, 1924

DANISH BRICK INDUSTRY IS IMPROVING, SURVEY SHOWS

The Statistical Department of the Danish Government has just made available data regarding the domestic brick industry of that country during the year 1923, which have been forwarded to the Department of Commerce by Consul General Marion Letcher, stationed at Copenhagen. These statistics and data, says Mr. Letcher, are based on returns from the 275 brick yards which were in operation during the year in question. In 1922 there were 270 brick yards in operation in Denmark, while four were closed down. The proportionately small number of brick yards which were not operating during the past two years shows that the brick industry in that country has been working under more favorable conditions than in previous years. During the dull season of the year in this industry, namely January to March, inclusive, about 1800 or 1900 workers were employed in the brick yards and in the really busy season, from June to September, from 6300 to 6900 workers were employed. Of this number about 300 were women and 100 boys. For the purpose of comparison it should be stated that during the busy season of the year in 1922 about 1000 workers less were employed in the brick industry.

LOW RENT HOME LOAN

The French Senate, in one of its last sessions before the summer holiday adjournment, passed a law authorizing the city of Paris to issue a loan of 300,000,000 francs for the purpose of building low rental apartment houses, according to the Bankers' Trust Company.

This law will enable the city to build housing accommodations for 14,000 individuals or small families, and will go some way toward relieving the present shortage of dwellings.

It is estimated, however, in well informed circles, that there is a real need for at least 60,000 small flats in view of the large increase in the city's population, which is especially noticeable among the working classes, many families who took refuge from the devastated regions during the war or immediately after the armistice, having definitely established themselves in Paris.

STONE PROTECTION AGAINST WATER

Stone must be protected against the infiltration of water. It has been found that water absorbed into stone will leach out certain soluble matter and will promote decay, a sign of which is the efflorescence sometimes seen on the exterior of a portion of a stone structure. It has been found that when stone containing an appreciable amount of absorbed water is subjected to a drying action, the dissolved matter present in the pores will crystallize and will exert a force that will hasten the disintegration of the material. Limestone, sandstone, and granite slabs have been tested and this action has been noted. Protection of copings, cornices, window openings, and other exposed horizontal surfaces should be adequate if this action is to be prevented.

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Published Every Saturday
Twenty-Fourth Year No. 43

Schumacher

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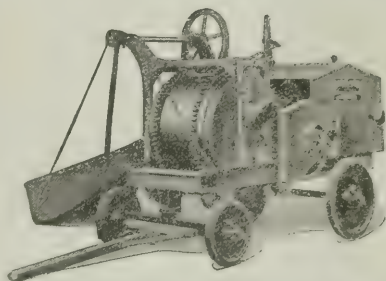
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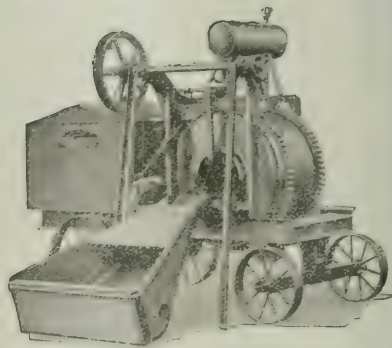
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SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

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FEW LIMESTONE BEAMS KEEPING STRAIGHT TEST SHOWS

Progressive sagging during long continued application of load has occurred in most of the eighteen limestone beams undergoing fatigue tests at the Bureau of Standards. None of these beams have broken yet. The greatest amount of bending in addition to that produced by the initial application of the load is .005 inches, while the average is .002 inches.

These beams are 28 inches long between supports with a section 4 inches wide by 1 1/2 inch thick. They are supported at their ends and carry at the middle a load equal to two thirds of the load required to break them. In this condition they have remained now for about 16 months and will remain for a long time to come. The load is to be increased, however.

Many cases of fracture in stone buildings have occurred, the bureau states, in which the load was not excessive and in which failure appears to have resulted from long continued application of the load. Marble and granite slabs have been known to assume a permanent bond or warp under a very slight load, and incidents of this warping in the case of marble can generally be found in old graveyards. Such warping is less common in granite, but a case has come to the bureau's attention in which some granite steps were warped to such an extent that they had to be redressed, as a result of being left on the ground for some time before use.

CLAUDE SEAVEY REAFFIRMS STAND ON WATER-POWER ACT

Clyde I. Seavey, president of the state railroad commission, has issued a statement reaffirming his support of the water and power act which will appear as No. 16 on the November ballot. Seavey's statement is in the nature of a reply to reports, believed to have been circulated by opponents of the act, that he has withdrawn his support.

The statement follows:

"Information has been received from several sources that word is being secretly passed that I have withdrawn my support of the water and power act, for which I campaigned two years ago.

"In order that there may be no misunderstanding, I wish it known that I believe most thoroughly in the proposed legislation. It has seemed to me that anyone thinking for the benefit of California, with the facts of the present dry year before him, must see the urgent necessity for the water and power act.

"Water is the life blood of this state. The Winter snows in the mountains are the Summer rains for our valley lands and for domestic use.

"It is not conceivable that The People of California will much longer allow private capital to take tribute from this water. The proposed act, by means of public ownership, provides a safe, businesslike, economical method of storage and conservation and use of water not now under private ownership, and the secondary development of hydro-electric power therefrom.

"Under the operations of this measure millions of dollars annually may be saved to the water and electric consumers of California.

"The taxpayer has here a direct opportunity to effect substantial economy by voting 'Yes' for Number 16 on the ballot in the November election."

ELECTRIC FIXTURE MANUFACTURE IN 1923

The Department of Commerce announces that, according to the data collected at the biennial census of manufacturers, 1923, the establishments engaged primarily in the manufacture of gas and electric fixtures (not including lamps and reflectors) reported products valued at \$60,649,530, an increase of 41.4 per cent as compared with 1921, the last preceding census year.

In addition, gas and electric fixtures were manufactured to some extent as secondary products by establishments engaged primarily in other industries. The value of such commodities thus made outside the industry proper in 1921 was \$4,287,557, an amount equal to 10 per cent of the value of products reported for the industry as classified. The corresponding value for 1923 has not yet been ascertained but will be shown in the final reports of the present census.

Of the 350 establishments reporting for 1923, 112 were located in New York, 41 in Illinois, 38 in Pennsylvania, 33 in California, 28 in Ohio, 14 in New Jersey, 13 in Wisconsin, 10 in Missouri, 8 in Connecticut, 6 each in Massachusetts and Minnesota, 6 each in Michigan and Washington, 5 each in Iowa and Maryland, and the remaining 17 in Colorado, District of Columbia, Indiana, Kansas, Kentucky, Nebraska, Oklahoma, Oregon, Rhode Island, and Tennessee.

SPEAKERS ARE ANNOUNCED FOR WATERWORKS CONVENTION

Plans are being made by city officials of Sacramento to assist in the entertainment of the delegates to the state convention of the American Waterworks Association, which will be held in that city October 23rd to 25th inclusive.

The program for the convention has been prepared and several speakers have been announced. Among those who will appear before the convention are the following:

Charles Gilman Hyde, Berkeley, designer of the city filtration plant. B. F. Raber, professor of mechanical engineering, University of California; Harry N. Jenks, superintendent of the Sacramento Filtration Plant; C. E. Jackson, superintendent of the Fresno City Water Corporation. Paul Bailey, deputy chief engineer, division of engineering investigation, state department of public works; Edward Hyatt, acting chief of the state division of water rights; William Hurlbut, office engineer, Los Angeles; A. E. Lovell, distribution superintendent, San Diego; H. B. Hommon, San Francisco; Wilfred F. Langlier, assistant professor of sanitary engineering University of California; O. E. Clemens, Spring Valley Water Company, San Francisco, and E. R. Prentice, Marin Municipal Water District, San Rafael.

The delegates will be the guests of the city at a luncheon at the city filtration plant, to be given on the last day of the convention.

The convention sessions will be held at the Hotel Sacramento.

J. I. Prugh and Harry Jenks of the Sacramento city engineering department and George S. Nickerson, consulting engineer, are the members of the Sacramento committee on arrangements.

NEW STEEL IS BAFFLER FOR HARDEST TOOL

A steel that will withstand 7800 degrees of heat for hours and repel the attack of the best auger bit.

A formula that has attracted an offer of \$1,000,000.

This adds up the 24 hour history of "Don steel," perfected by J. G. Donaldson, vice-president of a Hamilton Sae company, and his staff of experimenters, according to word from Hamilton, Ohio.

A public test of the steel was made before an audience of newspapermen and bankers.

Every attack and test known to the scientific world was placed on a vault door made from the steel.

A pressure of 500 pounds from five acetylene torches creating a heat of 7800 was turned on the door but it withstood the attack. The immense heat did not leave a mark.

"CONCRETE FOR PERMANENCE"

Buried in concrete for 14 years, a watch was found recently in Los Angeles still ready to tick away the time. William Garlock found the timepiece while tearing down an old building. He wound it up and it keeps perfect time.

The watch, Garlock learned, was dropped by a cement worker when the building was constructed.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The government won in the supreme court in its effort to bring up for review a case against the Trenton Potteries Company and 16 other pottery companies charged with violation of the Sherman anti-trust law. The court granted an application for a writ of certiorari.

In the lower federal courts at New York City the government charged the pottery companies with having formed an unlawful combination to restrain trade and having agreed among themselves to fix arbitrary and non-competitive prices, confining their sales to specially selected jobbers.

The government contended that the companies in the arrangement controlled more than four-fifths of the industry. The district court decided in favor of the government but the circuit court of appeals reversed the decision and remanded the case to the district court for further proceedings.

The National Lumber Manufacturers Association has distributed posters to the various lumber manufacturing companies associated with the regional lumber manufacturers associations announcing the 1925 awards of \$2000 in prizes for "practical suggestions which can be applied in American sawmills and logging operations, and which, when applied, will result in a material reduction of manufacturing cost or saving of waste."

The prize money is divided into a first prize of \$1000, a second prize of \$500, three third prizes of \$100 each, and four fourth prizes of \$50. All entries must be in March 1, 1925. Suggestions must be confined to reducing or utilizing waste incident to present logging and manufacturing methods. Merely calling attention to existing wastes without a practical suggestion for their elimination does not meet the intent of the competition.

The announcement gives a list of those who received prizes in last year's contest. The edger oiling device for which L. G. Patterson, oiler at Mill B, of the Weyerhaeuser Timber Company, Everett, Washington, received the 1924 second prize of \$500, is of such merit that when Patterson got a leave of absence from the Weyerhaeuser Company and personally visited forty-two coast mills, thirty of them immediately adopted the improvement. This is a single illustration of the possible extensive use by lumber manufacturers of the prize award devices.

Every device that won a prize this year will without doubt be beneficial to the operation of many logging and lumber companies. Lumber manufacturers generally have not, however, availed themselves of the money-saving suggestions that have been made by practical men and approved by other practical men in these prize awards.

The shortage of men in the building trades precludes the possibility of lower wage rates for a number of years according to Wm. J. Moore of the Provident American Bond and Mortgage Company. The only hope of lower building costs in the immediate future lies in cheaper materials and increased labor efficiency. To reduce building wages materially the supply of labor will need to be increased from 30 to 50 per cent and this cannot happen except gradually over a period of years.

By unanimous vote the administration board of the American Engineers Council agreed to insist on abolition of the Department of the Interior of the Federal Government to be replaced by a Department of Public Works. The Department of the Interior was held to be archaic, and the motion, as put by L. P. Alford, of New York, and formally adopted, called for an aggressive course in support of the new plans.

Los Angeles painters formerly working on a \$7 a day basis have had their wages adjusted. New scales run from \$5 to \$7 a day. Plasterers formerly receiving from \$11 to \$12 a day are now receiving from \$10 to \$12. Roofers have been cut from \$9 to \$8 a day, and hoisting engineers from \$7 and \$8 daily to \$6.

The steamship West Sequana arrived in Oakland harbor Oct. 15 with a cargo of between 600 and 700 tons of Philippine cement consigned to dealers in the East Bay district. It is reported the shipment is the first of its kind received at the Oakland harbor.

Members of the lathers' union in Cleveland recently voted in favor of the 40 hour week, effective March 1, 1925, and it is understood that this will be one of the demands in the new agreement.

The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments engaged in the manufacture of glass reported products valued at \$308,828,914, an increase of 44.7 per cent as compared with \$213,471,309 in 1921, the last preceding census year. The total for 1923 was made up as follows: Building glass, \$121,235,241; bottles, jars, etc., including demijohns and carboys, \$107,230,589; pressed and blown glass, including jelly glasses, tumblers, and goblets, \$77,279,007; all other products, \$3,084,077.

Legislation to take away from cities and towns the right to make contracts for new buildings, without having such contracts approved by the state, is to be introduced at the coming session of the Massachusetts legislature. Connecticut has the bill to be offered will provide that no contract for the erection of a school house or other public building, entered into by a city or town, shall become effective until it has been approved by a state tribunal.

There are many indications that the construction volume during 1925 will be less than during either 1924 or 1923 is the opinion expressed in the Monthly Digest, published by the Common Brick Manufacturers Association. The report states, however, that there will undoubtedly be a fair normal volume of construction as compared with the pre-war years.

Though the seat of the American lumber industry is west of the Mississippi river, the East is not devoid of lumber mills. Massachusetts, for instance, has 134 establishments that produce lumber and planing mill products. These plants employ upward of 2,000 men and produce material to the value of about \$12,000,000 annually.

ALONG THE LINE



H. A. Van Norman, who has been consulting engineer in charge of construction of the Los Angeles outfall sewer has been appointed city engineer to succeed Major John A. Griffin. Mr. Van Norman was one of William Mulholland's assistants in the building of the Los Angeles aqueduct, having charge of the tunnel work on that project. His appointment as city engineer became effective October 16. His salary as city engineer will be \$12,000 a year.

Arthur Gruenberger, San Francisco architect, has been awarded the first prize for architectural plans in a contest with sixty-eight architects from all parts of the world for the design of a Jewish temple to be erected in Vienna. Within a few months Gruenberger will return to Vienna to superintend construction of the temple, which is to be erected in the residential section of Vienna at a cost of more than \$1,000,000.

J. H. Walsh of New Orleans was elected president of the Association of American Port Authorities which held its thirteenth annual convention in Los Angeles. C. J. Colden of the Los Angeles harbor commission was elected a member of the executive committee. The next convention will be held in New York City in 1925.

Shea & Shea, architects, are permanently located in new quarters at 454 Montgomery street, San Francisco. Dr. H. F. Van Trump, former newspaper man, is now associated with the firm of Shea & Shea. Branch offices are maintained by the architects in the Alameda Title Bldg., Oakland.

A new ordinance regulating building construction in Stockton is being completed by A. C. Horner, city building inspector. The proposed laws will probably be submitted for recommendation to the Stockton Builders' Exchange before their submission to the city council.

Lewis Everding, a member of the state highway commission, urges employment of convict labor in the construction of the proposed road improvements on the Oroville to Quincy highway program.

George William Kelham, San Francisco architect, left October 10 for Europe on a combined business and pleasure trip. Mr. Kelham expects to be gone six months during which time he will visit all points of interest.

The Porterville city council has passed an ordinance authorizing the appointment of a city manager. The position will carry a salary of \$350 a month.

John Campbell, former cement contractor of Woodland, Calif., died in Berkeley, Oct. 18, following an extended illness due to paralysis.

Alessio Carraro will operate the New Mission Sheet Metal Works at 3401 Mission street, San Francisco.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SEWER AND PIPE LINE CONTRACTORS ORGANIZE IN SOUTH

About 35 of the leading sewer and pipe line contractors of the southern part of California have formed an organization to be known as the Contractors Association of Southern California. The membership will also include general engineering contractors. Headquarters have been established at room 211, 1007 S. Grand Ave., Los Angeles, with E. E. Hall in charge as executive secretary.

Officers to serve for three months have been chosen as follows: R. L. Cox, Alhambra, president; O. U. Miracle, Long Beach, vice-president; R. H. Wattson, Los Angeles, vice-president; Pernel Barnett, Orange, vice-president; R. N. Nickewich, Long Beach, vice-president; C. E. Green, Los Angeles, secretary; F. C. Butterfield, Glendale, treasurer.

The object of the association is to raise the standard and promote the efficiency of this branch of the contracting business.

CRAFTS COMMITTEE ORGANIZE

Formal organization of the Associated Building Crafts Committee of Los Angeles has been completed by the election of F. H. Whitfield, attorney, chairman; E. Hokom, chairman of Heating & Piping Contractors' Association, vice-chairman; and R. V. Germain, secretary of Master House Painters & Decorators' Association, secretary-treasurer. Fourteen crafts have enrolled as members of the committee. To eliminate abuses affecting the sub-contractors and to promote co-operation with architects and general contractors and to promote the interests of the various crafts are the objects of the committee as set forth in its constitution.

DOWD-SEID ELECTRIC COMPANY ENTERTAINS EMPLOYEES

Employees and friends of the Dowd-Seid Electric Company celebrated the usual annual company banquet last Saturday evening at Cheetams down the Peninsula.

Jack Cole, acting in the capacity of toastmaster, assisted by Edward Brunfield of the Brunfield Electric Sign Company, chairman of the Banquet Hospitality Committee, arranged the program which included singing, dancing and various entertainment features. Music was furnished by shop employees of the Dowd-Seid Co.

In a prize waltz, featuring the steps of thirty-five years ago, Jack Fitzsimmons and his wife, carried off first prize.

BUILDERS TO BANQUET

Arrangements are being made by the Builders' Exchange of Portland, Ore., for the second annual banquet of the organization to be held December 2 at the Multnomah Hotel. Chas. M. Buebeke has been named chairman of the committee of arrangements. Speeches will be made by prominent men identified with the construction industry. Entertainment features will also be provided.

A REAL JOB

Mrs. Brown was almost speechless as she beheld the Grand Canyon.

"Isn't it wonderful?" she asked.

"I'll say so," responded Mr. Brown, who mixed contracting with politics, "Boy, that was SOME excavating job."

Builders' Exchanges Not in Favor of Lien Law Amendments

(By Carl L. Ludwick, Manager, Builders' Exchange, Long Beach, Calif.)

The California Mechanics Lien Law as it stands today is recognized as one of the best and most simple Lien Laws of the country. It has weathered and withstood a storm of attacks and has been passed upon by the Supreme Court. While it might be possible to simplify it in some respects, the general census of opinion is that it should not be tampered with.

Those individuals who seek to have the Lien Law amended would, if they could, amend it so that its terms and requirements would be applicable to mechanics only; or in other words, the general contractor and the materialman would have no lien rights.

The interest or risk that a mechanic has or takes is insignificant compared to the risk taken by a materialman, the mechanic being paid weekly and the materialman having his money tied up until the structure is almost completed.

It has been said that the present Lien Law gives the materialman a strong weapon of power, and that statement is true. But it must also be remembered that the same law gives the owner as strong a power and an equal amount of protection, to say nothing of the fact that the majority of owners could not build if it were not for the present Lien Law.

The first Mechanic's Lien statute was arranged in 1791, at a meeting attended by Thomas Jefferson and James Madison, arising from a desire to establish, improve and build up as speedily as possible the City of Washington, and to enable contractors to confidently proceed with construction work without fear of fraud by the owner.

The greatest financial instrument in the upbuilding of our communities has been the Mechanic's Lien Law. It provides a quick, just and satisfactory basis for credit for any owner of good reputation. Without it the small owner could not construct a house or other building unless he had every dollar in the bank in advance covering the highest possible amount the building could cost. The contractor and the material dealer would insist upon legal protection with the red tape of orders upon loans and upon bank accounts and acceptances of the orders by the mortgagees and the banks. The loan company would be reluctant to make a building loan in advance or completion because the small owner would have no means of getting credit for additional material in case it costs more than anticipated to complete the house. In fact, building permits would probably be reduced one-fourth to one-half below present figures.

One of the good effects of the Mechanic's Lien Law is that it makes it urgent for the owner to insist upon dealing only with reputable, high-class contractors, because bills for construction labor and construction material can be filed against the property where used, and made a lien and foreclosed the same as a mortgage, if those bills are not paid by the contractor, even though you have previously paid the contractor in full.

As it is now, the loan company will

advance money before completion, knowing that the owner can obtain credit on the basis of the security that his equity in the property offers through lien rights. A comparatively poor man can, therefore, build for himself a home representing a value of much more than the lot and the cash he has, because he can get a building loan in advance.

Reports are being circulated to the effect that the State Builders' Exchange is promoting an attack on the present Lien Law and is seeking to have it amended.

In order to off-set this rumor beyond a doubt, the Builders' Exchange of Long Beach addressed all of the Builders' Exchanges in the State of California relative to their attitude on amending the present Lien Law, and without exception the replies received expressed a desire to leave the Lien Law as it stands today.

The Builders' Exchange of Los Angeles says: "... as a body, we do not favor a change in the present Law."

The Builders' Exchange of Fresno states: "... after full discussion, the Board (of Directors) was unanimous that this Exchange is against any change in the present Law."

The San Diego Builders' Exchange replies, "... the Lien Law proposition is quite a live topic with the Materialmen's Association, the Manufacturers' & Employers' Association and the Builders' Exchange, and our opinion is that all three organizations are against any amendment or the abrogation of the present Lien Law."

The Builders' Exchange of Stockton states, "... we can give no definite knowledge as to any change in the Lien Law or the instigators of same."

W. H. George, President of the Builders' Exchange of San Francisco, states, "... abiding by the will of the majority my position as President of our Exchange is to let the Lien Law alone, at least until we can find a better substitute."

The Builders' Exchange of Oakland replies, "... there is no cause to worry about anyone disturbing the present Lien Law."

The California Retail Lumberman's Association of San Francisco, states, "... it is our conviction that if the Mechanic's Lien Law was abrogated, building operations would be very much restricted."

The Millwork Institute of California replies, "... our Institute has gone on record opposing any changes whatsoever."

The Executive Board of the Builders' Exchange of Long Beach has passed the following resolution. "Resolved that the members of the Exchange be advised that the Executive Board of the Exchange, believing that the majority of the members of the Exchange are not in favor of any amendment to the Lien Law, do hereby put themselves on record as being opposed to any changes in the present Lien Law until such time as the majority of the membership instructs them to the contrary." (Cont. on Page 10)

American Construction Council Issues Semi-Annual Statement

The semi-annual statement of the American Construction Council covering the present situation as regards the construction industry is made public through its President, Franklin D. Roosevelt. The statement is as follows:

"In making public its semi-annual review of conditions affecting the construction industry nationally, the American Construction Council finds as the outstanding feature at this time a growing insistence on the part of the building-investment and home-owning public for better quality of construction and greater responsibility in financing and in other phases of building operations.

"This increasing demand for better building, a movement which the Council sponsored on a national scale last Spring, is accompanied by a general undertone of increasing confidence as to greater stability in the construction industry throughout the country as a whole. While it is not possible to say that construction is actually on a stable basis, a more favorable trend than has existed for the past several years is indicated in this regard both by the volume of operations and by the type of new work coming out.

"There has not been the marked seasonal decline appearing so noticeably in the past with the coming of the Fall and Winter months. On the contrary the amount of new work contracted for and begun has held up for this time of the year unusually well. This shows a very favorable response on the part of the public to the general movement to promote the scheduling of building operations so as to take advantage of the relative slack in materials and labor during the Fall and Winter months, which has been frequently urged by the Council, the Federal Department of Commerce, the Building Congresses in various communities, and others. Undoubtedly the slowing down of speculative building, which curtailment the Council has urged both as a steady influence in construction activities and as a phase of better building in general, has done much to make this possible.

"Even a more significant fact stands out as to the present type of building operations. There is a larger ratio of commercial and industrial structures contracted for than has been seen for some time, showing a tendency towards greater confidence on the part of business generally and particularly as to its willingness to go ahead with investment in buildings for its own use. Residential construction is still going forward in large volume in some districts but it appears to be of a better average type in most sections than has recently existed. There has been a small recession in costs. Outlying districts and the smaller communities are sharing more largely in the work now under way than they have for some time in the past, another indication of the beneficial results being secured through the steady and bettering of operations in the industry.

"The impetus already given to the movement for better building in general and against the purely speculative and questionable type of housing and other undesirable projects in particular is being given permanent direction through the Council's special committee on better building whose primary purpose is to bring the public to a realization of the real business of building and a general adoption of the principles of better building in all of its phases. While the Council is there-

fore happy to report that the favorable trend already noted as being under way with regard to the construction of both business structures and homes augurs well for the country at large, it is imperative to note that the securing of the desirable ends to be gained thereby upon an intelligent and widespread appreciation and application of the necessary correctives.

"A similar need for a better conception and use of the fundamental principles and processes of construction is to be seen also in the field of engineering construction in the larger sense, in which fall such types of work as power plants and similar field projects, highway construction, public carriers and the like. In the promotion and prosecution of such projects account must be taken of all the elements in construction—from financing, design and engineering on through management, materials and labor—that enter into the problem and that affect building construction itself as already pointed out by the Council last Spring.

"In this connection it seems advisable to call attention to the importance of adequate and proper construction of national highways in the development of the industry and commerce of the country. With the constantly increasing scope and complexity of transportation for both business and pleasure purposes, the necessity for adequate and proper highways of the right type is becoming more and more urgent as an economic problem of first magnitude for the country at large.

"Equally important is the proper conservation of the timber resources of the nation. This question enters with regard both to better building and efficient conduct of construction generally and to the permanent continuance of an adequate supply of lumber of good quality. Constructive attention should therefore be given to the demands being made upon the nation's timber resources and the most efficient utilization of lumber in the actual work of construction, and the beneficial measures being taken toward this end by the lumber industry of the country should receive general support.

"The above constitute the Council's general survey of conditions to which it desires to call the attention of the public at this time. The Council recommends in viewing the situation as a whole that the following specific measures be borne in mind by all those interested in any way in construction as it relates to both buildings and engineering projects:

1. "That all who have to do with construction—from financing and design on through materials, management and labor—take specific steps not only in their own line, as such, but also in cooperation with the other elements of the industry to further eradicate, as already recommended by the Council, the evils arising out of the large percentage of construction of inferior quality and unsound financing. In addition to making a general survey of conditions through its general committee on better building and recommending correctives where deemed necessary, the Council has placed its resources in this entire work at the disposal of the public.

2. "That with the approach of the Fall and Winter season all who contemplate construction of any kind give serious consideration to the scheduling of such work so far as possible at an early date in order to take advantage of the relative slack in demand for materials and labor during the winter months. This will not only facilitate the progress of construction during the winter season but will also

assist in getting ready for work later and thus help in maintaining construction activities on a more even keel. The carrying on of maintenance and repair work during the so-called slack season, as repeatedly urged by the Council, will also do much to help in steadying construction activities and at the same time lengthen the working period thus extending the active season without overlapping or congestion. Custom, not climate, is mainly responsible for seasonal idleness in the construction industry, as pointed out by the Committee on Seasonal Operation in the Construction Industries of the President's Conference on Unemployment. The Council supports the various constructive recommendations of this Committee. Undoubtedly the building public is coming to an increasing recognition of the advantages of all-year construction but there still exists the need for ascertaining the facts as to specific procedure and for having such facts readily available.

"3. That the building industry in various communities be encouraged and extended and new one be organized wherever possible. These Congresses represent the same idea for their respective localities as the Council does for the construction industry nationally and as such are the agencies that come before the public in these localities for the purpose of organizing and administering the various activities in their community aspects. It is the opinion of the Council that these local get-together associations are essential in the work of bringing conditions of the industry to the attention of the public and securing the adoption in actual practice of the measure needed to remedy undesirable conditions. The Council therefore supports the local Congresses as a part of the general movement to promote responsibility and intelligent co-operation on the part of all persons interested in the construction and thereby secure the basis for insuring very practical benefits to the industry generally and to the public."

In commenting upon the Council's recently concluded meeting, at which this statement was formulated, as the largest and most successful that the Council has yet held Mr. Roosevelt said, "We have given to the public through the newspapers of the country every six months a very carefully and cautiously prepared statement pointing out marked tendencies. We have pointed out these tendencies to the public because in the last analysis they come from the public and the sufferers would be the public. We are working not only for the construction industry but for the public of the United States in order to have them understand construction, appreciate their mutual problems affecting it, increase efficiency, and make for the general welfare and progress of the country."

In addition to the meetings held twice a year to exchange ideas and through addresses and otherwise bring out the existing problems of construction and as a result of these meetings issue a statement to the public, Mr. Roosevelt called attention to the great influence the Council has had as the national body interested in bringing together all elements of the construction industry in order to attack those phases of bad functioning which can be handled only through broad surveys of conditions and promotion of remedial measures in their national phase. The Council for example has given recognition to the community of interest between the national body and construction groups by taking up for very definite action the promotion of community apprenticeship commissions,

and the development of training methods and materials for teaching apprentices. It has also given attention to the instruction of the students of new building Congresses in important construction methods of the country. In addition, it is working in concert with the National Congress of the Building and Construction Industries; to the giving of national support by the industry to the movement for the reduction of essential unemployment; to the securing of a clearing house for the distribution of information of interest to the entire industry; to establishing co-operation between the various branches and localities of the industry themselves and the public officials of the country; and to the development of greater responsibility in construction generally.

R. R. COMMISSION NOT TO APPRAISE EAST BAY WATER WORKS

The Supreme Court of California has denied the writ of mandate sought by East Bay Municipal Utilities District to compel the Railroad Commission to assume jurisdiction and to make a valuation of the properties of East Bay Water Company in condemnation proceedings instituted by East Bay Municipal Utilities District.

The Supreme Court pointed out in its decision that the Public Utilities Act (Section 47) goes beyond the provisions of Section 23-A of Article XII of the California State Constitution, which now provides that the Railroad Commission, upon authority of the Legislature shall fix condemnation valuation for various political subdivisions. The Constitution does not include municipal utilities districts in the list of these political subdivisions, but the Public Utilities Act includes municipal utilities districts and all political subdivisions.

The action of the Supreme Court upholds the Railroad Commission in denying the application of the East Bay Municipal Utilities District for the Commission to fix the condemnation value of the East Bay Water Company's property until the constitutionality of such action by the Commission had been decided by the Supreme Court. Serious doubts as to the jurisdiction of the Commission were raised at the hearing before the Commission on the order to show cause why the Commission should not proceed to make such a valuation.

This doubt as to the jurisdiction of the Railroad Commission had already found expression in a proposed amendment to the State constitution curing the defect in Section 23-A of Article XII of the State constitution, by including municipal utilities districts and all political subdivisions, in the list over which this Railroad Commission will have jurisdiction to fix condemnation valuations.

This constitutional amendment will be voted upon at the November election, and if it should carry the Railroad Commission will then be empowered to entertain the application of the East Bay Municipal Utilities District to fix the condemnation value of East Bay Water Company's property, or any other public utility's property, which the district may seek to condemn and take over.

REASON TO SCRATCH

Captain—"Sam, why do you scratch your head so hard?"

Sam—"Why, I got dem rithmetic bugs in this army."

Captain—"They're called cooties, why do you call them arithmetic bugs?"

Sam—"Well, sir, dey add to my discomfort, subtract from my pleasures, divide my attention and multiply like the dickens."

Construction Cost Peak Reached Labor Due to Take Pay Decrease

Special Correspondence from A. W. Dickson, Executive Secretary, National Ass'n. of Building Trades Employers

The investment bankers of the United States recently meeting in Cleveland concurred in a report submitted to the convention that the peak of building costs had been reached and that beginning at this time costs would start on a downward trend. This report accepted by a group of men playing an important part in the construction industry is welcome news to those who have been fearful lest the high costs, which have prevailed for some time, would bring about a serious depression in the second largest industry of the country, which in turn would have a decided bearing on business generally.

A careful survey of conditions in the industry reveals some facts which are not altogether in agreement with the conclusions reached by the bankers at their recent meeting. The principle point to be considered in this connection is labor costs.

Most authorities are agreed that the wage element comprises the major part of building costs and some economists place this as high as 75 per cent. It becomes obvious at once that if the peak in construction costs has been reached that labor is due shortly to take a decrease in pay.

There is no question in the minds of those who have been following developments during the past few years that labor in the building trades is out of line with all of the other industries. This condition has been brought about by two important factors, namely—the unprecedented demand for skilled and unskilled labor on account of the building boom of the last two or three years, and the shortage of man-power caused by the scarcity of apprentices.

The only possible way by which labor may be induced to take a cut within the next few years will be through a falling off in the demand for labor, or in other words a severe depression in the industry which at this time is very remote. The shortage in some of the skilled trades has been placed as high as 50 per cent and this is rapidly increasing in spite of the fact that more and more attention is being paid to the question of apprenticeship training in the building trades. It is estimated that approximately 35,000 skilled mechanics are lost to the

industry each year through death, retirement and other means, while the new recruits do not begin to offset that enormous loss of man-power.

In an address before the American Construction Council at the annual meeting in New York recently, a representative of the Federal Board for Vocational Education made the statement that during last year approximately 5000 boys were enrolled in trade preparatory classes, conducted under the provisions of the Smith-Hughes Act, which provides for federal aid. There are of course schools for the training of apprentices, which have no connection with the Federal Board for Vocational Education, and there are apprentices learning the trades who are not attending classes of any kind. Notwithstanding that considerable advancement has been made recently in the apprenticeship training movement, the fact remains that there are not enough boys learning trades to have any very decided bearing on the entire labor situation.

As stated above, labor in the building trades has enjoyed an era of prosperity and high wages, and any attempt on the part of employers to reduce wages is going to result in vigorous opposition. On the other hand a slackening in building operations with a subsequent decrease in the demand for labor, while possibly not resulting in decreased wage rates would undoubtedly mean an increased efficiency which would tend to reduce costs.

The only other possible way in which building costs may be reduced is through a sharp reduction in material prices, which is decidedly remote at this time. The material market seems to be on a fairly stable basis and has been for the past several months. Since September, 1923, the average range of material prices has been within the compass of 5 per cent, as compared with the first nine months of 1923, when the range of prices was almost 20 per cent.

Taking all of the above facts into consideration it becomes apparent that if the present building activity continues into next year, and material prices remain at their present level, there will be no reduction in building costs for some time to come.

Building Trades Classes in U. S.

In an address before the American Construction Council, Frank Cushman of the Trade and Industrial Service Division, of the Federal Board of Vocational Education stated that classes for teaching the building trades are now in operation in forty-one states. During the past year the work in the

field of apprenticeship training for workers in the building trades reached approximately 20,000 men and boys, divided as follows: apprentices and students in day trade schools 5,000; employed persons, journeymen, etc., 15,000. The following figures, taken from Mr. Cushman's address, show the scope of the work now under way:

	Number of States	Number of Cities	Enrollment of Trade Preparatory	Enrollment of Trade Extension
Carpenters and apprentices.....	23	84	1005	1667
Electricians and apprentices.....	23	113	1698	3536
Sheet metal workers and apprentices..	23	65	347	1293
Plumbers and apprentices.....	21	42	280	1924
Bricklayers and apprentices.....	17	40	171	1092
Painters and apprentices.....	11	12	39	254
Plasterers and apprentices.....	7	7	12	154
Paperhangers, decorators & apprentices	5	5	1	67
Tile setters and apprentices.....	1	1	—	24
Miscellaneous trade extension classes: Blueprint reading, etc.....				2368

NOTE.—The above tabulation does not include any of the enrollment figures for the States of New York, Pennsylvania and Massachusetts, and none of the evening trade extension enrollment in California. A very conservative estimate of the enrollment for these four states would be: trade preparatory 1500; trade extension 5000.

TRADE NOTES

Pacific Window Glass Company of Stockton will commence operating its plant in McKinley Ave., Stockton, within the next three weeks, officers of the company announce. The plant will be devoted entirely to the manufacture of window glass and will employ about 150 men. Sand used in manufacture will be shipped from Belgium to San Francisco and thence by rail to Stockton. Officers of the company are: E. F. Jones, president; S. E. Pierce, treasurer; C. C. Martin, secretary and factory manager; James McCarthy, office manager. Manager C. C. Martin was formerly a resident of Stockton, and was recently employed at Hermosa Beach with the C. F. Lutes Glass Company, as factory manager.

Waterhouse-Wilcox Co. of San Francisco, dealers in building materials, have filed a petition in bankruptcy in the United States District Court acknowledging liabilities of \$64,331, but claiming assets of \$92,263.72, including merchandise and insurance policies. The United Bank & Trust Company is the largest individual creditor holding unsecured notes amounting to \$4500 and notes for \$8919 secured by warehouse receipts.

Construction of a new plant in the Bay View District, San Francisco, has been started for the Pacific Electric Manufacturing Company, 327 Polson street, San Francisco. The activities of the Pacific Electric Manufacturing Company are confined solely to the manufacture of high voltage oil circuit breakers and power line and station switches. Besides the factory building a two-story office and drafting room structure will also be erected.

Emery Blum Company has opened offices and yards at 68-70 Clara street, San Francisco, and will specialize in Scagliola work manufacturing high grade imported marble imitations. The company will also engage in the installation of magnesite floorings. Mr. Emery Blum, president and general manager of the company, prior to his entry into business here was a superintendent of construction in Europe.

National Steel Fabric Company, formerly located at 564 Market street has moved to 274 Brannan street, San Francisco, where both office and warehouse quarters will be maintained. H. A. Larson is Pacific Coast Manager for the company.

S. W. Towle Lumber Company, capitalized at \$50,000 with the principal place of business as San Francisco, has been incorporated. Directors are: S. W. and Wm. W. Towle and Chas. McFarlane.

Warehouse of the Pelton & Levee Lumber Company destroyed by fire. The loss is estimated at \$75,000 fully covered by insurance.

A CURRENT JOKE

A chap was arrested for assault and battery and brought before the judge.

Judge to prisoner: "What is your name, your occupation and what are you charged with?"

Prisoner: "My name is Sparks, I am an electrician and I am charged with battery."

Judge (after recovering his equilibrium): "Officer, put this guy in a dry cell."—Georgia Highways.

Reforestation to be Topic at Los Angeles Meet in December

Believing that the continued depletion of the great forestry resources of the West comprises one of the problems of the hour outstanding figures in the industrial, commercial and civic life of eleven western states will participate in discussion of reforestation which is to be one of the chief topics of the midwinter conference of the Chamber of Commerce of the United States. The conference will be held in the Hotel Alexandria, Los Angeles, December 2nd and 3rd.

Without an aggressive reforestation policy the forestry resources of the west through natural consumption and the ravages of fire will be depleted within a comparatively short time, it is declared. Translated into general terms of the economic life of the west this will mean, according to Chamber leaders, a radical curtailment of water available for irrigation and power, the loss of the vast ranges now used for live stock grazing, increased cost of construction, especially home-building, and the decreased purchasing power of the west as a result of the general effect from these various causes.

Major David T. Mason, a forest engineer of national reputation of Portland, who is making a careful survey of the forestry problem of the West, will deliver the opening address on this subject. This will be followed by short discussions by a number of prominent men whose names have been long identified with the forestry problem.

Among those included in the plans for this part of the program are Colonel Wm. E. Greeley, chief of the United States Forestry Service, Washington, D. C.; George S. Long, chairman of the forestry committee of the

National Lumber Manufacturers Association and vice-president and general manager of the Westcoast Timber Company, Tacoma, Wash., the most important private owner of timber in the United States; A. W. Laird, general manager of the Potlatch Lumber Company, one of the largest timber owners and manufacturers in Idaho and president of the Western Forestry and Conservation Association; F. B. Hutchens, manager of the Fruit Growers Supply Company, Los Angeles, operators of the largest saw-mills in California's pine region; W. W. Peed, of the Hammond Lumber Company, Samoa, largest owners of redwood timber and president of the Humboldt County Forestry Association; P. G. Redington, U. S. District Forester in charge of the forests of California; Professor Walter Mulford, head of the division of forestry, University of California; W. M. Wheeler, the largest private owner of timber on the Pacific Coast, and president of the California Forest Protective Association; Wm. Sproule, president of the Southern Pacific; Dwight E. Heard, Phoenix, Arizona, past president of the National Livestock Association; Wigginton E. Brown, president of the Pacific Gas & Electric Company; W. D. B. Dodson, manager of the Portland Chamber of Commerce; Chas. F. Stern, president of the Pacific Southwest Trust & Savings Company of Los Angeles; Dr. J. C. Merriam, president of the Carnegie Institute and president of the Save the Redwoods League; and Major Verett G. Griggs, president of the St. Paul & Tacoma Lumber Co.

The Tokio Chamber of Commerce is also expected to be represented by an expert on the reforestation work that has been done in Japan.

Charging Items on Cost Plus Job

The uniformity of expressed opinion regarding current practice in distributing charges on cost plus operations is an indication that precedents have been established which will be valuable as a guide to those new to the cost plus field. Several well known builders have volunteered information in response to the query of a subscriber which appeared in these pages last week.

A summary of current practice is as follows: The use of major equipment on a cost plus job is directly chargeable to the owner in one of three ways, and should be defined clearly in the contract. By charging depreciation at so much per diem for the length of time the equipment is on the job, whether in use or not, the contractor secures proper compensation for the services of the machinery; and by thus putting his equipment on the payroll he renders an itemized account to the owner who knows how this charge is distributed. Another method of securing the same result is to charge a percentage on valuation to cover depreciation of each item of equipment placed on the operation. Current practice varies as to the amount chargeable, depending on the length of time the job is to run, the use to which equipment is to be put, and other factors. For a job running from six months to a year, the rate of depreciation runs around 20 per cent, varying from 15 to 25 per cent in some cases.

The lump sum method of charging for equipment sometimes is used, but does not furnish the owner satisfactory information as to the distribution of the charge, and encourages the con-

tractor to guess at many items. The per diem method is recognized by many as being the best system when the length of time needed to complete a job is not easily determined. The value and the life of a piece of equipment is estimated, and a standard depreciation rate and a standard life are then used to estimate. All repairs are chargeable to the owner, who is entitled to have equipment placed on the job in first-class shape, while the contractor is entitled to have it in good running order when removed. Sufficient charges for small tools which are liable to be lost or worn out during the life of a job are customarily paid for by the owner.

Job overhead (timekeeper's wages, etc.) is directly chargeable to the owner. Office overhead is paid for out of the fee charged by the contractor unless special provision for such payment is made. A contractor must have accurate information as to his overhead costs in either case. A contractor who pays overhead out of his fee must charge a proportionately larger fee, or percentage. Liability insurance is always a direct charge, and should be paid by the owner.

Again, commentators are agreed that charges for workmen's transportation submitted by the union is directly chargeable to the owner if such charge is in accordance with a specific agreement entered into between the contractor's association and the union. Such money should be paid to the men. If it is a special charge levied outside of an accepted agreement it does not come under the head of costs at all, but is more in the nature of graft and should not be paid by either party concerned.—American Contractor.

PUBLICATIONS

The American Society of Heating and Ventilating Engineers, Inc. has just issued its new publication, "The Guide to the Design of Heating and Ventilating Systems," which is a comprehensive catalog data, and index to modern equipment and the somewhat roll of membership. The chapters in the technical data section cover heating requirements, heat losses from buildings, pipe sizes for steam heating, capacities of means of conveying of condensate, pumps for heating and ventilating, hot water heating, warm air furnace heating, automatic heat control, insulation, and pipe sizes for water supply service. Great care has been taken to maintain a logical arrangement of data in order that all of the related facts that must be considered in the design and installation of a modern heating and ventilating plant are available and in a conveniently useful form. In connection with an enlarged catalog data section, where manufacturers give engineers, architects and contractors information about the most modern equipment available, a list of products made by users of catalog data pages is offered as a helpful supplement to this section. The Guide may be obtained from the American Society of Heating and Ventilating Engineers, 29 W. Thirty-ninth St., New York City, for \$3 a copy.

"One Hundred and One Ways to Save Money" is the title of a very interesting and instructive booklet just published by the Ingersoll-Rand Company, 11 Broadway, New York City. This booklet shows the many applications of Ingersoll-Rand air tools in solving the problem to be met on construction work of all kinds; some of the uses are really new ones that are worth while, and others are tried and tested methods that have proved of great value on hundreds of jobs. Concrete structure demolition, rock breaking, brick cleaning, and other work on which paving breakers are used are demonstrated as are trench filling and ballast tamping with air tampers. Small Ingersoll-Rand air hoists are shown doing several odd jobs, and many other devices, such as jackhammer drills, caulking tools, riveters, grinders, saws, reamers, sand blasting and spray painting devices, and compressors are shown in service doing all kinds of work. The booklet gives many specific examples, with costs, that will suggest new methods to the contractor. Copies of this book will be sent upon application to the Ingersoll-Rand Company.

The Portland Cement Association, 111 West Washington St., Chicago, has issued a reprint of two papers originally presented in the July, 1924, Journal of the Western Society of Engineers. The reprint consists of a paper on "Comparisons of Types of Fireproof Construction," by Chester L. Post, of the engineering firm of Condon & Post, of Chicago, and a paper entitled "Analysis of Cost of Types of Fireproof Construction," by Arthur F. Klein, Vice President and Chief Estimator of the R. C. Wieboldt Co., a large construction company of Chicago. These papers set forth their subject matter in a most thorough and authoritative manner. The authors present to the engineering and architectural profession good practice in 1924, not the practice of ten or twenty years ago so often found in the reference library text-books on fireproof construction. Copies are obtainable from the Portland Cement Association without charge.

Plumbers' Apprentice School In Oakland Adopts Regulations

The following set of rules and regulations have been laid down by the Master Plumbers and the Journeymen's Association under which the Oakland Plumbers' Apprenticeship School is conducted.

Section 1. These rules and regulations shall apply to Master Plumbers' and Journeymen's Plumbers' Local No. 444 U. A.

Section 2. One who is accepted as an apprentice to the plumbing trade by the joint committee of Master Plumbers' and Journeymen's Plumbers' Local No. 444 U. A. to become a journeyman plumber by serving the time required and obeying the following rules as they are or may hereafter be amended.

Section 3. All applicants for apprenticeship must be between the ages of 16 to 21 years, inclusive.

Section 4. The term of apprenticeship shall be four full years. The last two years to be consecutive, and evidence produced showing when and where the first two years were completed.

Section 5. An apprenticeship committee composed of three (3) Master Plumbers and three (3) members of Journeymen Plumbers' Local No. 444 U. A., who shall have charge of controlling all applicants. Keeping the records of apprentices, and matters pertaining thereto, shall be handled by this committee.

Section 6. Term of office on the apprenticeship committee shall be three years, the term of one master and one plumber to expire each year and another elected or appointed to fill the vacancy. Office of chairman shall change each year alternating from Master Plumber, and Journeyman Plumber.

Section 7. This committee shall submit in writing a full report to their respective organizations after each meeting of the committee.

Section 8. Apprentices will be registered only on condition that the apprentice agree to attend school and take special training in technical work and mechanical drawing as his case may require, after being favorably acted on by the joint committee.

Section 9. An employer having an apprentice registered will be allowed to have said apprentice on probation for a period of three months, and should said person not prove himself in mind of the employer, he shall be out of the trade of plumbing, the employer of said apprentice may discharge said person, within the period of probation, which action shall be reported to the joint committee by the Master Plumber. The apprentice shall be thereupon notified to appear before the joint committee.

Section 10. An apprentice having been discharged for the reason that his employer was placed in such a position as to not be able to fulfill his contract, said apprentice shall be given preference over other applicants.

Section 11. An apprentice having been registered and who is retained after three months of probation has expired, shall be confined to working with a plumber or master for a period of one and three-fourths years. After which time he shall make application for examination and membership into Plumbers' Local No. 444, on request of the joint committee. Should he pass a favorable examination, he will, on becoming a member of Plumbers' Local No. 444 U. A., be allowed to handle tools on all classes of work.

Section 12. An apprentice out of his

time who fails to pass the examination of Plumbers' Local No. 444 U. A., may have his time extended for a period of three months by the joint committee, but must confine himself to helping a journeyman plumber during this period, after which he shall again receive an examination.

Section 13. Apprentices wages. An apprentice shall receive not less than the following wages:

1st year, per week, 25% of journeyman's pay.

2nd year, per week, 30% of journeyman's pay.

3rd year, per week, 40% of journeyman's pay.

4th year, per week, 50% of journeyman's pay.

Section 14. An apprentice, after completing his apprenticeship and becoming affiliated with Plumbers' Local No. 444 U. A., shall be allowed to work for \$1.50 less than the journeyman's pay for a period of one year, providing that he remains in the shop that he worked in when he passed the examination and became a member of Plumbers' Local No. 444 U. A. Should he go to work in any other shop he shall then receive the full rate of wages.

Section 15. The apprentice committee shall seek:

A. To encourage and erect shop to shop transfer through the employers and the apprentice.

B. Transfers shall not exceed six months' periods, and the apprentices shall return to previous employer.

C. No transfer of apprentice will be allowed unless apprentice has first remained twelve months in one shop prior to transfer.

Section 16. No shop shall retain more than one apprentice who is not a Journeyman Plumber is employed.

Section 17. Number of apprentices allowed: If an average of three (3) journeymen employed throughout the year, one apprentice will be allowed; if an average of 6 journeymen, two apprentices; if an average of 9 journeymen, 3 apprentices; if an average of 12 journeymen, 4 apprentices; all over 12, one to every five journeymen.

Section 18. All apprentices registered shall be required to carry an apprenticeship card issued quarterly. The fee for said card shall be \$1.50, for the three months payable to the secretary of Plumbers' Local No. 444 U. A.

Section 19. No journeyman plumber or master shall work with an apprentice who has not a paid-up quarterly working card.

Section 20. The joint committee may at any time take such action in refusing to grant renewals of apprenticeship cards, when an apprentice refuses to comply with any of the rules laid down by this joint committee.

Section 21. The financial secretary of Plumbers' Local No. 444, U. A., shall keep a correct and complete record of all apprentices, issue the quarterly cards. These records shall be open to members of the joint committee at all times.

Section 22. These rules and regulations governing the registration and control of apprentices shall go into effect when adopted by the Master Plumbers' Association and Journeymen Plumbers' Local No. 444 U. A. and signed by the joint committee.

SALTS IN OIL SMOKE CAUSES SLATE ROOF INJURY

Salts contained in the soot from an oil burner were found by the Bureau of Standards of the Department of Commerce to be the cause of extensive decay in the slate roof of the building in which the burner was housed. These salts, being soluble in water, were leached into the slate by the rains and were recrystallized in dry weather. The formation of the crystals tends to pry

the particles of slate apart and produces an effect similar to frost action only much more severe. The disintegration of the slate was first noticed about six years ago and in some parts of the roof it has progressed to the danger point. It manifests itself only on the interior and is invisible from the outside. The process begins at the edge of the shingles and progresses along the direction of the cleavage, reducing the slate to powder.

Legal Decisions

Mechanic's Lien

Under Crawford and Moses' Dig. § 6909, a mechanic's or material man's lien is superior to prior mortgage only on a separate building constructed with the labor and material furnished, or such addition as is separable from original building, and is not superior to prior mortgage on entire improved building, not even to extent of betterment accruing from repair, extension, or enlargement of original building, in view of section 6911.—Imboden vs. Citizens' Bank Supreme Court of Arkansas. 260 Southwestern 734.

Subcontractor's Suit to Recover from Owner

Where subcontractor gave notice to owner to withhold money due contractor, pursuant to C. S. §§ 2439-2441, instead of proceeding under section 2469, 2470, 2474, relative to filing liens and enforcement thereof, his claim was not barred for failure to bring suit against owner within six months from date of notice, as, while sections 2439-2441 do not create a claim lien, they confer the right to have an accounting in a civil action and a judgment for amount due by owner to contractor.—Campbell vs. Hall, Supreme Court of North Carolina. 121 Southeastern 761.

Classification of Material Excavated

Where a road construction contract provided that material excavated should be divided into three classes, earth, loose rock, and solid rock, "solid rock" being defined by the contract to include all rock in masses which could not be loosened with a pick, earth to include all sand, clay, loam, gravel, and other materials of every description not included in the classification for loose rock and solid rock, a very hard substance, composed of silica and clay, which could neither be practically plowed nor trenched, and had to be blasted, was classifiable as "solid rock." (Affirmed by equally divided court.)—Foley Bros. vs. St. Louis County, Supreme Court of Minnesota. 197 Northwestern 763.

Engineer Can Not Alter Written Contract

New engineer cannot change written contract between owner and contractor by objections to completed work certified by his predecessors, regardless of whether his objections are good or bad. Where owner and engineer insist on unreasonable changes and additions, not called for in contract, and refuse to allow contractor to go on unless he consents to such changes, contractor is not precluded from recovering future profits.—Washburne vs. Property Owners' Co-operative Association of Middlesex County, Inc., Supreme Court. 205 New York Supplement 36.

Material Man's Claim Good Though Contract Not Completed

An owner, who has paid moneys to a contractor without production by the contractor of certificates required by the contract to be produced by the contractor to entitle him to the payments provided for by the contract, cannot set up as a defense in a suit against him, instituted by one who furnished materials for the building and served a stop notice upon the owner, the nonproduction of said certificates. The owner by his action waived the production of the certificates, and is estopped from setting up as a defense to the action upon the stop notice the nonproduction of said certificates.—F. Bowden Co. vs. Baier, Supreme Court of New Jersey. 123 Atlantic 737.

ORGANIZATION NEWS

(Continued from Page 5)

State Lumbermen to Convene at Los Angeles—Program Announced

The program for the annual convention of the California Retail Lumbermen's Association to be held at the Biltmore Hotel, Los Angeles, November 7 and 8, has been announced. C. W. Pinkerton of the Whittier Lumber Company, Whittier, president of the association, will call the convention to order 10 o'clock Friday morning, November 7, and will respond to an address of welcome which Mayor George E. Cryer has promised to make. Vice-President A. E. Fickling of Long Beach will preside at the business session starting at 10:30.

Three addresses are on the program for this session. Jack Dionne, publisher of the California Lumber Merchant, will talk on "Better Merchandising." E. T. Ivory, of the California White and Sugar Pine Association, San Francisco, will speak on "Lumber Standardization." A discussion will follow led by F. Dean Prescott of the Valley Lumber Company, Fresno. Francis Cuttle, Riverside, president of the Water Conservation Association, Riverside, will give an address on "Perpetuation of Our Forests as Essential to the Continuation of the Lumber Industry and Conservation of Water Supply." O. H. Barr of the Barr Lumber Company, Santa Ana, will open the discussion following this address.

At the afternoon session at 2 o'clock Vice-President F. Dean Prescott will preside. Sam T. Hayward of the Hayward Lumber & Investment Co., Los Angeles, will speak on "Costs and Profits." C. G. Bird of the Stockton Lumber Company, will open the discussion.

Herbert C. Stone, secretary of the Building Material Dealers Credit Association, Los Angeles, will talk on "Credit and Collections." A. E. Fickling of Long Beach will open the discussion.

"The Outlook" will be the topic of an address by Paul Langworthy, secretary

of the Builders' Exchange, Los Angeles. M. A. Harris of Van Arsdale-Harris Lumber Company, San Francisco, is slated to open the discussion.

"Your Bank" will be the subject for G. H. Tucker of the First National Bank, Los Angeles, and the discussion following will be led by A. J. Stoner of the Sawtelle Lumber Company. G. R. Christie of the Lumbermen's Reciprocal Association, Houston, Tex., will speak on "Insurance, All Kinds," and G. L. Fox of the Fox-Woodsum Lumber Company, Glendale, will open the discussion.

A round table will conclude the afternoon session with Norman Macbeth of the Riverside Portland Cement Company, speaking on "Cement Conditions." Frank Curran of the E. K. Wood Lumber Company, Los Angeles, speaking on "Lumber Conditions," and H. E. Milliken of the Viney-Milliken Lumber Company, Covina, discussing "The Best Type of Lumber Shed."

The annual banquet and dance will be held at the Biltmore at 6:30 P. M., Friday. Decorations will be furnished by the courtesy of the Cement Manufacturers' Association through R. L. Vance of the California Portland Cement Company. Music and vaudeville entertainment will be furnished through the courtesy of the lumber manufacturers and wholesalers of Los Angeles.

The closing session will be held Saturday morning, November 8, at 9:30, at which time the reports of officers and committees will be received and directors for the coming year will be elected.

The committee on reception consists of J. M. Chase, chairman; W. T. Davies, J. C. Owens, W. C. Shull, C. H. Griffin, H. A. Lake, A. E. Fickling, Mrs. J. E. Fraser and A. B. Wastell.

H. Riddiford is chairman of the entertainment committee and his aides are A. L. Hoover, A. W. Donovan and J. J. Rea.

Commodity Survey

Through the courtesy of the National Association of Purchasing Agents it will hereafter be possible to publish each month that part of the commodity survey compiled by the organization which has to do with the trend of the building material market. This survey is based on data submitted by purchasing agents all over the country who are in daily touch with market conditions and it should prove to be of considerable value to contractors and materialmen who are desirous of keeping informed on matters of this character.

	Number of Those Who Believe Price Trend Will Be			Number of Those Who Would Buy Now For		
	Up	Stationary	Down	Immediate Needs	3 Mos.	6 Mos. 1 Yr.
Northern Hardwoods	11	24	4	10	9	7 1
Southern Hardwoods	12	22	3	13	7	6 0
Southern Softwoods	16	25	7	19	6	5 1
Western Softwoods	17	30	7	15	10	7 2
Copper	68	25	6	24	10	2
Lead	35	27	7	23	17	10 0
Linsseed Oil	19	23	20	28	8	8 1
Finished Steel	25	40	14	35	28	7 0
Glass	4	29	1	11	8	1 1
Cement	0	39	4	22	10	1 2

1923 BRICK PRODUCTION

The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments in the clay-products industry engaged in the production of face brick and vitrified brick or block for paving reported the manufacture of face brick

valued at \$37,637,972, as compared with \$28,233,689 in 1922 and \$18,128,217 in 1921, an increase of 33.3 per cent over 1922 and 107.6 per cent over 1921. The total value of vitrified brick or block for paving was \$11,359,640, as compared with \$9,520,594 in 1922 and \$11,201,409 in 1921, an increase of 19.3 per cent over 1922 and 1.4 per cent over 1921.

Building News Section

APARTMENTS

Contract Awarded.
BUILDING Cost, \$11,458
SAN FRANCISCO, W Scott 100 & Ellis.
 Two-story frame and flat building.
 Owner—Patrick Waters, 619 Washington St., San Francisco.
 Architect—Maxwell Engbee, 619 Washington St., San Francisco.
 Contractor—W. E. Zane, 114 Russ St., San Francisco.

Plumbing Contract Awarded—Heating Bids Being Taken.
APARTMENTS Cost, \$70,000
SAN FRANCISCO, S O'Farrell St. 162-6 W Larkin St.
 Four-story and basement reinforced concrete apartment building (23 apartments).
 Owner — O. E. Carlson, 180 Jessie St., San Francisco.
 Plumbing awarded to Lacey & Holly.

Contract Awarded.
APARTMENTS Cost, \$13,400
SAN FRANCISCO, E San Jose Ave., 162-6 S 21th St.
 Frame apartment building.
 Owner—John and Hannah M. Debenham, 4 Chicago St., S. F.
 Architect—H. E. Strothoff, 2714 15th St., S. F.
 Contractor—J. H. Stephenson, 2626 26th Ave., S. F.

To be done by Day's Work & Sub-Contracts.
APARTMENTS Cost, \$55,000
SAN FRANCISCO, SW cor. Van Ness & Larch Sts.
 Three-story frame apartments (30 apartments).
 Owner—J. Greenbach, 185 Stevenson St., San Francisco.
 Architect—J. Hladik, Monadnock Bldg.

Owner Taking Segregated Figures.
APTS. (3) Cost, \$12,000 ea.
SAN FRANCISCO, S 14th St. near Dolores St.
 Three 2-story and basement frame and stucco apt. houses (4, 3-room apts. each).
 Owner—Mission Realty Co., 2008 Mission St., San Francisco.
 Architect—A. J. Horstman, 110 Sutter St., San Francisco.

Owner Taking Sub-Figures.
APARTMENTS Cost, \$17,500
SAN FRANCISCO, SE Twenty-eighth Ave. and Balboa St.
 Two-story and basement frame and stucco apartment house (2 4-room and 1 5-room apts., 2 stores and garages).
 Owner—Benj. Schnier, 1766 O'Farrell St., San Francisco.
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Sub-Figures Being Taken.
APARTMENTS Cost, \$55,000
SAN FRANCISCO, SW Van Ness Ave. and Larch Street.
 Six-story reinforced concrete apartments (30 apts.).
 Owner—J. Greenbach, 185 Stevenson St., San Francisco.
 Architect—J. Hladik, Monadnock Bldg., San Francisco.
Correction—In reporting this job Oct. 16th it was given as a three-story frame structure which was an error.

To Be Done by Day's Work.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, NW Sixth Ave. and Fulton St.
 Three-story and basement frame apartments (12 apts.).
 Owner—Laurie & Val Franz, 180 Jessie St., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

APARTMENT-FLAT BLDG Cost, \$—
RICHMOND, Contra Costa Co., Cal.
 Ninth St. near Pennsylvania Ave.
 Two-story and basement frame and brick flat (41) apartment-flat building.
 Owner—L. G. Polsky.
 Architect—Ralph P. Morell, 41 S-Sutter St., Stockton.
 K. J. Henning, 246 14th St., Richmond, \$11,975
 A. L. Reiter, Richmond, \$15,287
 J. A. Fagerstrom, Richmond, \$15,386
 E. A. P. Carlson, Richmond, \$15,402
 F. G. Daniels, Stockton, \$15,525
 E. B. Robertson, Richmond, \$16,000
 W. Snelgrove, Richmond, \$16,517
 Part & Son, Oakland, \$16,738
 Dunne Constr. Co., Oakland, \$17,471
 Bids were taken under advisement.

Plastering Bids Being Taken.
APARTMENTS Cost, \$100,000
OAKLAND, Alameda Co., Cal. Bay Place and Montecito Ave.
 Four-story Class C brick apartment house, brick exterior and slate roof (80 rooms).
 Owner—Schaumburg & Krauss, 1536 Franklin St., Oakland.
 Architect—Clay N. Burrell, American Bank Bldg., Oakland.
 Contractor—Schaumburg Bros., 1536 Franklin St., Oakland.
Heating awarded to Scott Co., 381 11th St., Oakland.
 Bids for painting, etc., to be taken later.
 As previously reported plumbing has been awarded to J. Goldstein.

Sub-Figures Being Taken.
APARTMENTS Cost, \$750,000
OAKLAND, Alameda Co., Cal. Facing Lake Merritt between Alice and Jackson Sts.
 Twelve-story Class A apartment building (20 apts., 7 rooms each).
 Owner—George Jamieson.
 Architect—Maury I. Diggs, 19th and Telegraph Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, approx. \$25,000
SAN FRANCISCO, SE Twentieth and San Carlos.
 Three-story frame, stucco and brick veneer store and apartment building (10 2-room apts).
 Owner—Mr. W. Nelson.
 Architect—Edw. E. Young, 2002 California St., San Francisco.
 Contractor—M. C. Ingraham, 165 Fell St., S. F.

Completing Plans — Owner To Take Sub-Figures.
APARTMENT Cost, \$50,000
SAN FRANCISCO, Clay St. near Leavenworth.
 Three-story frame and plaster apartment house.
 Owner—Herman D. Hogrefe, 625 Powell St., S. F.
 Architect—E. E. Young, 2002 California St., S. F.

Plans Being Figured.
APT. HOUSE Cost, \$10,000
SAN RAFAEL, Marin Co., Cal., 5th St.
 Two-story frame and plaster apt. house (4 4-room apts.).
 Owner—Dr. L. L. Stanley.
 Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Concrete Work Awarded—Sub-Figures Being Taken.
APT. HOUSE Cost, \$140,000
SAN FRANCISCO, Eddy E. of Larkin.
 Six-story reinforced concrete apartment house (108 rooms, two-room apartments).
 Owner—E. V. Lacey, 180 Jessie St., San Francisco.
 Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Excavation, trenching, forms, concrete, terra cotta flues, furning, joists, studding, sheathing, cement work, etc. awarded to Mission Concrete Co., 125 Kissling St., S. F. at \$33,000

Plans Being Prepared.
ALTERATIONS Cost, \$10,000
SAN MATEO, San Mateo Co., Cal.
 Alter two-story frame apartment house Owner—Withheld.
 Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

BURBANK, Los Angeles Co., Cal.—J. M. Randall, Burbank, has prepared preliminary plans for a 4-story brick store and apartment building at the southwest corner of Sunset Blvd. and Highland Ave., for Catherine F. Zener, who is represented by Robert Zener, 7562 Sunset Blvd. There will be stores on the first floor with apartments above, 103x150 ft., pressed brick facing, composition roofing, etc. Cost, \$100,000. Project will mature in about 6 months.

CHURCHES

SAN BRUNO, San Mateo Co., Cal.—San Bruno School District defeats bond issue for \$50,000 to finance purchase of 20 lots for \$30,000 and \$20,000 for school improvements.

ASTORIA, Ore.—Election will be held Nov. 1 to vote bonds of \$100,000 to finance erection of junior high school building in east section of city.

COMPTON, Los Angeles Co., Cal.—Compton School District defeated \$140,000 bond issue for new east side grammar school at election Oct. 10. Construction of building will be started about Feb. 1, 1925.

WATTS, Los Angeles Co., Cal.—Watts School District defeated \$128,000 bond issue for new school in Home Gardens. Another election on same proposition will be called at once.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Doors, Tl-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal

Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

COMPTON, Los Angeles Co., Cal.—Compton School District approved \$140,000 bond issue for purchasing site and erecting new school E of Long Beach Blvd. between Main and Orange Sts.

HAWTHORNE, Los Angeles Co., Cal.—Jefferson School Dist., Los Angeles Co., has called bond election for Nov. 7, at which time it is proposed to vote \$38,000 for school improvements. Jas. H. Beutley, Clerk, R. I. Box 464, Inglewood.

HAWTHORNE, Los Angeles Co., Cal.—Lawndale School District, L. A. Co., has called bond election for Nov. 7, at which time it is proposed to vote \$14,000 for school improvements. Mrs. Georgia C. Wade, Clerk, Box 23, Lawndale.

BONDS

Contract Awarded. Cost, \$22,722
ALT. & ADD. SAN FRANCISCO, SE Diamond and Elizabeth Sts.
Alterations and additions to church. (new tower, etc.)
Owner—Roman Catholic Archbishop of San Francisco.
Architect—J. J. Foley, 770 5th Ave.
Contractor—James F. McCarthy 436 Eureka St.

Preliminary Plans Being Prepared. Cost, \$75,000
BERKELEY, Alameda Co., Cal., Spruce St. bet. Cedar and Vine Sts.
Frame and stucco church.
Owner—Second Church of Christ Scientist, Berkeley.
Architect—W. A. Newman, Post Office Bldg., San Francisco.

TAFT, Kern Co., Cal.—Of \$25,000 required, \$23,400 has been secured by the Baptist Church to finance erection of new edifice. Preliminary plans for the structure have already been prepared.

UPLANDS, San Bernardino Co., Cal.—Arch. Robert H. Orr, 1300 Corporation Bldg., has been commissioned to prepare plans for a 1-story and basement church bldg., at Uplands, for the First Mennonite Church; auditorium to seat 500, classrooms, balcony, social hall, etc.; br. veneer and frame, 68-110 ft. press, br. tile rfg., cem. and hardwood fls., gas htg., art glass, water htr., pine trim.

HANFORD, Kings Co., Cal.—St. Brigid's Church, Rev. J. Galvin, pastor, is campaigning for funds to finance erection of new church building. H. J. Cacton is secretary and F. M. Dutra, treasurer of the building committee.

FACTORIES AND WAREHOUSES

Contract Awarded. Cost, \$80,000
WAREHOUSE NOVATO, Marin Co., Cal.
Reinforced concrete grain warehouse. Owner—Wright Corporation.
Architect—None.
Contractor—J. G. Libert, 185 Stevenson St., S. F.

Completing Plans—Ready for Figures In About Two Weeks.
FACTORY PLANT. Cost, \$177,000
SAN FRANCISCO. Mission and Bond Streets.
Five-story reinforced concrete factory building.
Owner—Speyer & Schwartz.
Architect—S. Heiman, 57 Post St., San Francisco.
Lesses-Alameda Knitting Co.

Sub-Contracts Awarded. Cost, \$275,000
PACKING PLANT. SACRAMENTO, Sacramento Co., Cal.
16th to 18th B & C Sts.
One and 2-story reinforced concrete & brick packing plant, 700x300.
Owner—California Packing Cpn., 101 California St., S. F.
Engineer—Philip Bush, 101 California St., S. F.
General Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.
The owners have awarded the following contracts which are not in the general contracts:
Steel sash to Detroit Steel Products, 251 Kearny St., S. F.
Brick to Sacramento Brick Co., Sacramento.
Cement to Old Mission Co., Standard Oil Bldg.
Rolling Steel Door not awarded.

Completing Plans. \$5000 to \$10,000
PACKING PLANT HAYWARD, C and Soto Sts.
One-story galv. iron and concrete packing plant.
Owner—Poultry Producers of Central Calif., J. Christensen, mgr.
Architect—Geo. Whitman, 192 Main St.
A cold storage plant may be installed. Plans will be ready for figures in about 3 weeks.

Figures Being Taken From a Selected List of Contractors. Cost \$—
ADDITION SAN FRANCISCO. Second and Bryant Avenues.
Four-story and basement reinforced concrete and steel addition to lithograph plant, 20x110.
Owner—Schmidt Lithograph Co., 2nd and Bryant Sts., San Francisco.
Architect—Maurice Touchet & Jesse Rosenwalt, 60 Sansome St., S. F.
Bids will be opened about November 1st.

Contractor Taking Sub-Figures on All Portions of the Work. Cost \$—
OFFICE BLDG. SAN FRANCISCO. Harrison, Steuart & Spear Sts.
Five-story warehouse and office building with roof garden.
Owner—Hills Bros.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Mgr. of Constr.—D. J. Walker Co., Sharon Bldg., San Francisco.
As previously reported the reinforced steel, etc., was awarded to Edw. L. South, Rialto Bldg., at \$96,612.

To be Done by Day's Work. Cost, \$12,000
KILN OAKLAND, Alameda Co. Southern Pacific Yards.
One-story concrete and tile dry kiln.
Owner—Southern Pacific Co., Oakland, Calif.
Architect—None.

Concrete and Plumbing Contracts Awarded. Cost, \$60,000
FACTORY SAN FRANCISCO. NE Keith and Donner Street.
One-story reinforced concrete factory approx. 100x300.
Owner—Pacific Electric Mfg. Co., 827 Folsom St., San Francisco.
Architect—Geo. H. Wieden, 57 Post St., San Francisco.
Concrete Work awarded to R. J. H. Forbes, Monadnock Bldg.
Plumbing to Geo. Robin, 1759 Mission St., San Francisco.
Sub-figuring on other portions of the work will be taken in about a month by Frederick Thompson, 827 Folsom St.

PALO ALTO, Cal.—See "Government Work and Supplies," this issue, for plans opened for hospital laundry building.

LOS ANGELES, Los Angeles Co., Cal.—Architect J. M. Cooper, 321 Marsh Street 4402, has completed plans and has the contract for a 12-story Class A loft building on Sanite St., between 8th and 9th Sts., Los Angeles, for A. A. Maxfield. Reinforced concrete plas., 81x90 ft., composition roofing, basement, steam heating system, 3 electric elevators, ornamented from work, plate glass Cost, \$224,000.

FLATS

Contract Awarded. Cost, \$14,000
FLATS SAN FRANCISCO, Pierce Street near Union Street.
Two-story frame and stucco flats.
Owner—Mrs. B. Trefts.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.

Contract Awarded. Cost, \$14,200
FLATS OAKLAND, Alameda Co., Cal. SW 3rd Ave. and E. 14th St.
Two-story and basement frame and plaster 3 apartment flats.
Owner—E. K. and Bessie A. Danielson, 2004 Park Blvd., Oakland.
Architect—Harrison & Mills, 1244 Webster St., Oakland.
Contractor—Wiley T. Vaughan, 65 Sequoia Ave., Oakland.

GARAGES

Completing Plans. Cost, \$20,000
GARAGE OAKLAND, Alameda Co., Cal. Broadway near 24th St.
One-story brick and terra cotta commercial garage.
Owner—A. M. Kael, 519 Lake Park Ave., Oakland.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Plans will be ready for figures in about a week.

To be Done by Day's Work. Cost, \$10,000
GARAGE SAN FRANCISCO. W. Steiner 82-6 N. Golden Gate Ave.
Two-story Class B concrete public garage.
Owner—C. B. Pasqualetti, 2320 Larkin St., San Francisco.

"MacArthur for Piles"

STRAIGHT SHAFT COMPRESSED CONCRETE PILE
PEDESTAL COMPRESSED CONCRETE PILE
COMPOSITE COMPRESSED CONCRETE PILE

cover all lengths and conditions without change of rigging, delay and consequent financial loss.

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Random Variegated Colors Slate
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Composition Roofing
General Roof Repairing
Samples Submitted

180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

HALLS AND SOCIETY BUILDINGS

Plans Being Figured. Bids Close Nov. 10, 10 a. m.

BUILDING. Cost, \$35,000
LIVERMORE, Alameda Co., Calif. Del Valle Farm Site.

Two-story frame and stucco service building.

Owner—County of Alameda, Geo. E. Gross, clerk, Oakland, Calif.

Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Cert. check 10% payable to county clerk req. Plans obtainable from clk. on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

Plans Being Prepared. Cost, \$10,000

ADDITION. HAYWARD, Alameda Co., Calif.

Two-story addition to frame and stucco lodge building.

Owner—Hayward Odd Fellows Ass'n.

Architect—E. P. Whitman, 192 Main St., Hayward.

Contract Awarded.

BUILDING. Cost, \$40,000

FRESNO, Fresno Co., Cal., 780 M St.

Three-story class C building 50 x 120-feet, (men's home).

Owner—Salvation Army, 827½ Van Ness, Fresno.

Architect—None.

Contractor—G. T. Gayton, Fresno.

Figures to be Taken in About Two Weeks.

CLASS A BLDG. Cost, \$200,000

SAN FRANCISCO, Sacramento St., bet. Stockton and Grant Ave.

Four-story class "A" Y.M.C.A. Bldg., (Chinese members).

Owner—Y. M. C. A.

Architect—Meyer & Johnson, 712 Market St., S. F.

Contractor Taking Sub-Figures.

CLUB HOUSE. Cost, \$75,000

BELMONT, San Mateo Co., Cal.

Two-story and basement frame and stucco club house with asbestos shingle roof and concrete swimming pool 100 ft. long.

Owner—Belmont Country Club.

Architect—Benj. Schreyer, 105 Montgomery St., S. F.

Contractor—Dawsett-Ruhl Co., 77 O'Farrell St., S. F.

This property was recently put on the market for country home sites.

Each property owner will become a member of the Country Club. There will be community children's playgrounds, etc. A nine-hole golf course has been laid.

PASADENA, Los Angeles Co., Cal.—

Architects Marston, Van Pelt & Maybury, 25 S. Euclid Ave., Pasadena, have been commissioned to prepare plans for height-limit, Class A clubhouse at the northwest corner of S. Los Robles Ave. and Green St., for Pasadena Athletic and Country Club, Wm. J. Bettingen, President, Pasadena. Site is 149x192 ft. Mr. Bettingen will appoint building committee for club to advise with architects on plans.

POMONA, Los Angeles Co., Cal.—

State Architect Geo. B. McDougall, Sacramento, has prepared preliminary plans for first unit of Pacific Colony, state institution near Pomona for feeble minded children. Plans and type of construction not finally determined, nor has question as to whether work will be done by contract or day labor been decided. Balance of \$120,000 remains in 1921 appropriation for this work.

Sketches Being Prepared.

TEMPLE BLDG. Cost, \$—

OAKLAND, Alameda Co., Cal., W Oak St., bet. 14th and Lake St., facing Lake Merritt.

Five or 6-story class A Scottish Rite Temple Bldg.

Owner—Alameda County Scottish Rite Bodies Cptn.

Architect—Carl Werner, Santa Fe Bldg San Francisco.

Further details will be given when plans are being prepared. It is stated approximately \$1,000,000 will be spent on the building.

GLENDAL, Los Angeles Co., Cal.—J. H. Randall Co., 1146 Western Ave., Glendale, has prepared sketches for proposed swimming and dance club building for Triunfo Swimming and Dancing Club, 423 Glendale Security Bldg.; to be financed by sale of memberships; 2-story, 102x151 ft., plunge, 50 x110 ft., ballroom, 50x100 ft., stucco, tile and composition roof, location contemplated at Arden and Glendale Aves. Cost, \$100,000.

ANTIOCH, Contra Costa Co., Cal.—

The following bids were received by J. H. Wells, County Clerk, Oct. 20, 1924, for the erection of a one-story hollow

the American Legion Memorial Building at Antioch. The plans were prepared by Davis-Heller-Pearce Co., architects, Delta Bldg., Bldg., Stockton.

The contract was awarded to the Dinnie Constr. Co. at \$15,244, deducting propositions A, B and C.

The Dinnie Constr. Co., 351 12th St., Oakland.....\$16,871

C. H. J. Jorgensen.....18,450

C. F. Trobach, San Francisco.....22,450

J. F. Shepherd, Stockton.....24,700

WALLA WALLA, Wash.—See "Government Work and Supplies," this issue; bids opened for hospital administration building.

SAN RAFAEL, Marin Co., Cal.—San Rafael Athletic Club has been incorporated with a capital stock of \$10,000 and plans early construction of a club building, tennis courts, ball park and grand stands.

HOSPITALS

Construction Delayed for About Three Months.

NURSERY BLDG. Cost, \$70,000

OAKLAND, Alameda Co., Cal., 45th St., bet. Shattuck Ave. and Broadway.

Two-story reinforced concrete childrens nursery building with nurses quarters.

Owner—Lady's Relief Society.

Architect—E. E. Webb and V. Jorgensen, 251 Kearny St., S. F.

Contractor—Chas. Stockholm & Son, Monadnock Bldg., S. F.

Construction will not be started for about three months.

PRATT'S CONCRETE MIX

Cleaning
by Sand
Pratt



Mayor E. E. Roberts,
Reno, Nevada,
Dear Mayor:

YOU KNOW Wallie Gelatt.

LIVE WIRE, Rotarian.

OWNER OF Donner Lake.

AND EVERYTHING.

HE NOW calls himself.

DIRECTOR-GENERAL.

OF THE Transcontinental Highway.

1926 RENO Exposition.

AND WALLIE attended.

THE ROTARY Club lunch.

AT THE Palace Hotel.

IN SAN Francisco.

WITH SANDY Pratt, President.

OF THE Pratt Building Material Co.

WITH A rock crushing plant.

AT PRATTROCK (near Folsom).

AND SAND washing plants.

AT MARYSVILLE and Sacramento.

AND PRATTCO (Monterey County).

AND WALLIE Gelatt has.

HIS BRAIN working.

ALL THE time.

DAY and night.

AND SANDY said.

TO THE aforesaid live wire.

"WALLIE, DO you ever see.

MY "PRATT'S Concrete Mix."

IN THE Sacramento Bee.

EVERY SATURDAY?"

WALLIE SAID "Yes."

BUT WHEN Sandy.

CROSS EXAMINED the witness.

WALLIE THOUGHT.

IT WAS the paper wrapper.

OR SOMETHING else.

SO, MR. Mayor.

WILL YOU please show.

THIS STORY to Wallie.

SO THAT he will know.

ABOUT SANDY'S.

"GEMS of Literature."

AND TELL the Rotary Club.

OF RENO.

TO MAKE Wallie.

PAY A fine.

FOR TELLING a lie.

TO A fellow Rotarian.

POOR, INNOCENT Sandy Pratt.

PRODUCER of clean sand.

AND HARD, sharp, crushed rock.

"I THANK you."



Photo of Wallie Gelatt, hunting for back numbers of the Sacramento Bee to find Sandy Pratt's KCB-like stories ("Pratt's Concrete Mix"), written by Sandy, producer of clean sand, hard crushed rock, washed gravel and rock aggregates.

Competition Plans—Figures to be Taken Shortly.
HOSPITAL. Cost, \$200,000
SAN FRANCISCO. N. Sacramento & D. Streets.
 One-story brick and terra cotta base.
 Underway & County of San Francisco Architects: M. J. & J. H. H. 112 Market St., San Francisco.

SACRAMENTO, Sacramento Co., Cal.
 The following bids were received on October 17th, by Harry W. Hall, Clerk of Sacramento County, for the installation of power house equipment, laundry equipment and electrical wiring systems in the power house, laundry, and garage buildings at the County Hospital: R. A. Herod, Forum Bldg., Sacramento is the architect. All bids were referred to the Contract Department.

Power House Equipment
 Latourrette-Fical Co., Sacramento, \$69,000 135 days
 Hately and Hately, Sacramento, \$69,000 140 days
 Luppen and Hawley, 306 7th Street, Sacramento, \$71,300 150 days
 Scott Plumbing and Elec. Wks., Sacramento, \$71,000 190 days

Electric Wiring Systems
 Latourrette-Fical Co., 907 Front St., Sacto., \$18,900 100 days
 American Elec. Eng. Co., 19,400
 Central Elec. Co., 19,760
 Geo. Foss, Sacramento, 20,150

Laundry Equipment
 American Laundry Mch. Co., 3th and Howard, San Francisco, \$24,847
 Luppen & Hawley, Sacramento, 26,098
 Tracy Laundry Mch. Co., San Francisco, 26,203

VAN NUYS, Los Angeles Co., Cal.
 Van Nuys Post No. 193, American Legion, Wm. Shaffer, commander, A. J. Ely, chairman civic improvement commission, has had tentative plans drawn for Mission (type 29) bed hospital on site in San Fernando Valley not yet selected. Estimated cost, \$100,000.

TORRANCE, Los Angeles Co., Cal.
 Torrance Hospital Assn., Brian K. Welsh, director, 1210 Washington Bldg., Los Angeles, is taking bids for a hospital building on Euclid Ave., Torrance. It will provide for 26 beds, 1-story and part 2-story and part basement, reinforced concrete basement walls and 1st floor, hollow tile walls, plastered, the roofing, steam heating, ventilating system, tile and marble work, pine and oak trim, hardwood fls., ornamental iron work. Bids being taken separately on general contract, plastering, electric wiring, heating, and painting. Martin J. Rist, Santa Fe Bldg., San Francisco, is the architect.

LOS ANGELES, Cal.—Stromwell-Halperin Co., 1007 S Grand Ave., Los Angeles, have completed plans and are taking bids for a 5-story class A hospital bldg. on a 2-acre site, at Temple Hoover and County Sts., for the Osteopathic Sanitarium Hospital, Inc., Dr. Harry W. Forbes, pres.; Norman F. Sprague, secy; reinf. con., ruffle br. exter., 145x38 ft., terra cotta trim, steam htg. sys., storage water htr., pine and hardwood trim, water softener, elec. aut. elevator, silent call sys., elec. dumb waiter, etc.; \$600,000. Excav. completed.

SAN FERNANDO, Los Angeles Co., Cal.—Sec. Government Work, this bureau.

MONROVIA, Los Angeles Co., Cal.—Robert T. Williams, M. D., Virginia Meyers, secretary, 134 North Myrtle Ave., Monrovia, is having plans drawn by Eastern architect for four-story sanitarium on 100 acre site near Monrovia. In addition to main building there will be individual dwellings. Cost, \$250,000. It is probable bids will be taken and contract let upon completion of plans.

HOTELS

Plans Being Figured—Bids Close Oct. 28, 1924

ANNEX Cost, \$50,000
PASADENA, Los Angeles Co., Cal.
 13th and Spring Sts.
 Three-story brick, steel and reinforced concrete annex to hotel with city offices on first floor.
 Owner—A. I. Smith (Taylor Hotel).
 Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Contractor Taking Sub-Figures.
ANNEX Cost, \$1,500,000
SAN FRANCISCO, SE Cor. Geary and Taylor Streets.
 15-story and basement class A annex to Hotel Clift (200 rooms 100% baths).

Owner—Clift Hotel Co., San Francisco.
 Architect—Schultz & Weaver, 17 E 49th St., New York.
 Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 As previously reported, the structural steel was awarded to Dyer Bros., 17th and Kansas Sts., S. F.

ASHLAND, Ore.—Hoover & McNeil at \$129,000 awarded general contract by Lithian Hotel Co., Ashland, to erect new hotel building. Tourtelotte & Hummel, architects, Failing Bldg., Portland. Other contracts let follow: Heating and plumbing (combined), W. S. Fleming, \$26,000; electric work, Ne Paue-McKenny Co., \$3953; elevator, Otis Elevator Co., \$3400.

PASADENA, Los Angeles Co., Cal.—Luther T. Mayo, 531 Black Bldg., Los Angeles, has contract for 4-story, 58-room apartment and hotel building on No. Marengo Ave. for W. S. Brooks and Boyd W. Doyle, Saul H. Brown, 528 Union League Bldg., Los Angeles, and E. E. Rust, 527 Black Bldg., Los Angeles, associate architects. 42x200 ft., brick walls, stone trim, composition roofing, steam heating system, 100% baths, hardwood floors, pine trim, marble lobby, elevator. Cost, \$250,000.

LOS ANGELES, Los Angeles Co., Cal.—Architect Frank M. Tyler, 634 S. Western Ave., has prepared plans for 4-story Class C hotel building at 4th St. and Beaudry Ave., Los Angeles, for Zoukian Bros., 1840 and Figueroa Sts., Brighton Ave., will erect the building.

It will contain 36 rooms with 100% baths; 41x20 ft., tapestry brick and art stone trim, composition roof, galvanized iron cornice, fire escapes, unit heating, basement.

ICE AND COLD STORAGE PLANTS

LOS ANGELES, Los Angeles Co., Cal.
 —Thos. E. Young, 212 S. Grand Ave., Los Angeles, submitted low bid to Los Angeles county supervisors for general contract for concrete and steel storehouse, transformer room, and refrigeration plant, Olive View Sanitarium, near San Fernando, at (a) complete with crushed rock, gravel and sand for concrete furnished by contractor, \$31,856; (b) complete with same materials furnished by county, \$25,256, and (c) omitting overhead carrier system, deduct, \$1225. Bids referred to mechanical department.

POWER PLANTS

TRACY, San Joaquin Co., Cal.—Until Nov. 12, 8 p. m., bids will be rec. by W. Schlossman, secy, Banta-Carbena Irrigation District, to fur:

Item 1—four 667 KVA oil insulated, self-cooled, outdoor type, 60 cycle, single-phase, high voltage windings for 34,615 volts and insulated for operation in 60,000 volt grounded "Y" bank of transformers. High voltage windings provided with 4 approximate five per cent full capacity taps below normal voltage rating. Low voltage windings wound for 2400 volts. When placed in operation transformers will be connected "Y" on the high voltage side and delta on the low side. Each transformer to be filled with oil at factory and equipped with ratio adjuster.

Item 2—three 500 KVA transformers of similar type. Note: The fourth 667 KVA to be used as spare for each bank and must have the same reactance as the 500 KVA bank.

Specifications on file in office of secretary or obtainable from W. D. Harrington, Tracy or Thos. H. Means, 369 Pine St., San Francisco, engineers for district.

MERCED, Merced Co., Cal.—Following firms submitted bids to furnish hydro-electric machine for Exchequer power plant, bids being referred to E. V. Melke, ch. eng. for dist., for tabulation: Ohio Brass Co., Brown, Bovin Co., Kelman Electric & Manufacturing Co., Electric Power & Equipment Co., S. Morgan Smith Co., Alis Chalmers Co., Worthington Co., Westinghouse Electric & Manufacturing Co., Pelton Water Wheel Co., Newport News Shipbuilding Co., General Electric Co.

LOS ANGELES, Los Angeles Co., Cal.—Macdonald & Driver, 526 Douglas Bldg., Los Angeles, submitted low bid to Los Angeles county supervisors, at \$27,368 for foundation work for Patriotic Hall building, 1840 and Figueroa Sts., Los Angeles. Plans by Allied Architects, 1136 Citizens National Bank Bldg., Los Angeles. Bids referred to Allied Architects.

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CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market

CLAWSON'S FURNACE GRATE for Gas, Coal or Wood

CLAWSON'S HOODS AND DAMPERS for Open Fireplaces

Experts in Curing Smoky Flues and in Ventilating

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 490 Burnside St., Portland
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CROWE GLASS CO.

574 Eddy St.
 Phone Prospect 612
 Equipped To Handle
 Any Size Job.

DIRECT FACTORY BUYERS

PALLON, Nevada—City votes bonds of \$50,000 to finance construction of municipal lighting plant.

LOS ANGELES, Cal.—Bids rec. by pub. serv. comm. for lead covered cable and accessories under spec. 17-234, were: Pac. States Elec. Co.—(1) \$122,713, reels \$32 and \$30; (2) \$55,140, reels \$30; (3) \$7312; (4) \$12,991.87; ½ of 10 days.

Safety Insulated Wire & Cable Co.—\$132,717.55, reels \$36.75 and \$31; (2) \$37,676.90, reels \$13, \$24 and \$31; (3) \$7287.95; (4) —; 1% 10 days.

Genl. Electric Co.—(1) \$132,910, reels \$48 and \$40; (2) \$96,626.50, reels \$33, \$23 and \$14; (3) \$7856.79; ½ of 1% 10 days.

Western Elec. Co.—(1) \$130,530.85, (2) \$86,446.85, (3) and (4) —; ½ of 1% 10 days.

Standard Underground Cable Co.—(1) \$122,372.25, reels \$45 and \$35; (2) \$83,498.85, reels \$45 and \$30 and \$25; (3) \$6740.34; (4) \$9930; ½ of 1% 10 days.

John A. Roeblings Sons Co.—(1) \$147,832.50, reels \$50 and \$35; (2) \$90,622.50, reels \$20 and \$15; (3) \$3329.40; (4) —; ½ of 1% 10 days.

PUBLIC BUILDINGS

Sub-Contracts Awarded.

CHALET Cost, \$43,450

SAN FRANCISCO. W. Border Golden

Gate Highway SE of present chalet

Concrete beach chalet.

Owner—Board of Park Commissioners,

San Francisco.

Architect—Willis Polk & Co., Hobart

Bldg., San Francisco.

Contractor—Barrett & Hupp, 918 Harri-

son St., San Francisco.

Dumb waiter awarded to Pacific Elev.

Eq. Co.

Finish Hardware to Joost Bros.

Glass to Tyre Bros.

Electrical work to Watts Elec. Co., 389

4th St., San Francisco.

Plumbing to Fred'k. W. Snook & Son,

596 Clay St., San Francisco.

Sheet Metal work to Western Furnace

& Cornice Works, 202 Brannan St.,

San Francisco.

Tile Roof to United Materials, 55 New

Montgomery St., S. F.

Heating, plastering and painting con-

tracts to be awarded shortly.

LOS ANGELES, Los Angeles Co., Cal.—Franklin Iron Works, 1468 Long Beach Ave., Los Angeles, submitted bid to Los Angeles Board of Public Works for steel mill work, spec. 14-11, at (1) \$11,500, del. 90 days, and (alter-nate) using lessermer open hearth steel, at \$9500, del. 60 days.

OAKLAND, Alameda Co., Cal.—The following is a complete list of bids received Oct. 20, 1924, by Geo. E. Gross, County Clerk, to construct vault in the County Treasurer's Office in the Hall of Records Building. Architect Henry H. Myers, Kohl Bldg., San Francisco prepared the plans.

Reinforced Concrete Vault Construc-

tion, Etc.

DEPARTMENT 1

C. H. Peterson, 185 Stevenson St.,

San Francisco.....\$3973

E. J. Westland..... 6474

F. W. Maunier..... 4575

Barrett & Hupp..... 4565

Hopper & Son..... 5980

Grant & Hart..... 8000

Cochran-Rochin Co..... 1930

E. T. Lester & Sons..... 5567

A. D. Vogt..... 6200

M. Beresford..... 4844

DEPARTMENT 2

Lining Doors, Gates, Etc.

M. G. West Co., 115 Front St.,

San Francisco.....\$13,575

Alternate 1..... 25

Alternate 2..... 3,575

Alternate 3..... 2,120

Alternate 4..... 1,125

Alternate 5..... No bid

DEPARTMENT 2

With time increased from 4 months

to 5 months delivery.

M. G. West Co.,..... \$9975

Alternate bids same as above.

DEPARTMENT 2

With Architect's specifications

changed to Contractors' specifications.

Hermann Safe Co.,..... \$3382

Alternate 1..... 150

Alternate 2..... 3,382

Alternate 3..... 2510

Alternate 4..... 950

Alternate 5..... 1743

LOS ANGELES, Los Angeles Co., Cal.

Macdonald & Driver, 526 Douglas

Bldg., awarded contract by L. A.

county supervisors, at \$27,368 for founda-

tion for Patriotic Hall, 18th and

Figueroa Sts., Plans by Allied Archi-

tects, 1136 Citizens National Bk. Bldg.

VALLEJO, Solano Co., Cal.

City

council is considering several sets of

preliminary plans for proposed city

hall and selection will be made short-

ly to have construction under way in

January, 1925. \$30,000 is available

from city funds and \$20,000 from Solano

County which will have county

jail quarters in the structure. Will

have 100-ft. frontage in Capitol St.

from two to three stories in height of

reinforced concrete construction. Alf.

E. Edgumbe is city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—The West Coast Concrete Co., Chico Bldg., San Francisco, was awarded the contract at \$2210 for alterations and additions to the courthouse (25x15 ft. brick construction). Allen C. Collins, architect, 16 Peoples Bank Bldg., Santa Cruz, prepared the plans. Other low bidders were: C. L. Staph, St. 86123, Wilson & McGranahan, \$6415; Palmer & Robinson, \$6725.

RESIDENCES

Contract Awarded.

DWELLINGS Cost, \$28,000

SAN FRANCISCO. B. San Leandro Way,

169, 219, 261 and 300 S. Darlen.

Four two-story and basement frame

dwellings.

Owner—E. C. and O. M. Huster, 806

Flatiron Bldg., San Francisco.

Architect—Harold J. Green, First Na-

tional Bank Bldg., San Francisco.

Contractor—Boston & Zwieg, San Le-

andro and Darien Way, S. F.



WHITCO CASEMENT HARDWARE

Makes the Sash Self-adjusting. No Hinges or Adjusters Are Required.

It is Non-rattling.

All Hardware Is Entirely Concealed.

No Special Sash or Frame Detail Required.

One Size Hardware Fits All Sash.

May Be Installed to Swing to Right or Left.

Easily Fitted to Old or New Sash.

Outside of Sash Easily Washed From Inside of Room.

WHITCO HARDWARE takes the place of both hinges and adjusters.



Each set is packed in a neat carton 8 inches long and 1 inch square, which contains full instructions.

For Sale By All Dealers in Builders' Hardware

Manufactured by

VINCENT WHITNEY COMPANY
DEALERS IN BUILDING SPECIALTIES
365 MARKET STREET
SAN FRANCISCO

Free Mailing Lists

Will help you increase sales
Send for FREE catalogues containing
names of your best prospective customers—
National, State and Local—Individuals,
Firms, Professions, Business Concerns.

99% by refund of 5¢ each

ROSS-Gould Co., 315 N. 10th St. St. Louis



**All-Key
Plaster Lath**

(Patented)

100% Mechanical Key.

**Plaster
Wall Board**

(Patent applied for)

The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Plans Being Prepared. For Plastering and the Roofing. Cost, \$3,000.
RESIDENCE. Cost, \$3,000.
 1147 E. 10th St., Alameda Co., Cal., W. H. Lick, Architect.
 Two-story frame and stucco residence with tile roof.
 Owner—E. W. Lick, Claus Spreckels Bldg., San Francisco.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Plans Being Prepared. For Stucco and the Roofing. Cost, \$3,000.
RESIDENCE. Cost, \$3,000.
 1147 E. 10th St., Alameda Co., Cal., W. H. Lick, Architect.
 Two-story frame and stucco residence with tile roof.
 Owner—E. W. Lick, Claus Spreckels Bldg., San Francisco.
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Plans Being Prepared. For Stucco and the Roofing. Cost, \$3,000.
RESIDENCE. Cost, \$3,000.
 1147 E. 10th St., Alameda Co., Cal., W. H. Lick, Architect.
 Two-story frame and stucco residence with tile roof.
 Owner—E. W. Lick, Claus Spreckels Bldg., San Francisco.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Completing Plans—Figures To Be Taken In Ten Days. Cost, \$25,000.
RESIDENCE. Cost, \$25,000.
 SAN FRANCISCO, Monterey Blvd. and San Francisco Ave.
 Two-story frame and plaster residence with tile roof.
 Owner—E. W. Lick, Claus Spreckels Bldg., San Francisco.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Plans Being Prepared. Cost, \$20,000.
RECTORY. Cost, \$20,000.
 MERCED, Merced Co., Cal.
 Two-story frame and stucco rectory with tile roof.
 Owner—La Merced De Dios Church.
Architect—Shea & Shea, 454 Montgomery St., San Francisco.

Completing Plans. Cost, \$20,000.
RESIDENCE. Cost, \$20,000.
 SAN FRANCISCO, St. Francis Wood, Santa Clara Ave.
 Two-story frame and plaster residence.
 Owner—Mr. Hougard.
Architect—H. H. Gutterston, 526 Powell St., San Francisco.

Plans Being Prepared. Cost, \$9,000.
RESIDENCE. Cost, \$9,000.
 OAKLAND, Highland near Guilford Pl.
 Two-story frame and stucco residence (8 rooms).
 Owner—Mrs. Frank Laidlaw.
Architect—Henry H. Gutterston, 278 Post St., San Francisco.

Sketches Prepared. Cost, \$25,000.
RESIDENCE. Cost, \$25,000.
 SAN MATEO, San Mateo Co., Cal. San Mateo Park.
 Two-story and basement frame and stucco English residence (3 rooms, 4 bathrooms, separate garage).
 Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Being Prepared. Cost, \$7,500.
RESIDENCE. Cost, \$7,500.
 SAN MATEO, San Mateo Co., Cal. San Mateo Park.
 One-story frame residence.
 Owner—E. G. Bonham.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Being Prepared. Cost, \$15,000.
RESIDENCE. Cost, \$15,000.
 HILLSBOROUGH, San Mateo Co., Cal.
 Two-story frame and stucco residence.
 Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Being Prepared. Cost, \$26,000.
RESIDENCE. Cost, \$26,000.
 SAN MATEO, San Mateo Co., Cal.
 Two-story frame and stucco residence, tile roof, 9 rooms, 4 bathrooms, garage with living quarters, stables, swimming pool.
 Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Disraeli said: "Confidence is a plant of slow growth." The confidence which architects, contractors, and owners everywhere have in Quandt-quality painting and decorating service has been established through the strictest adherence to the highest standards during the past 40 years. Whether the job be large or small, our paramount interest is to achieve the best result and give full value for every dollar expended. Quandt-quality service is a dependable service and will fulfill all your requirements.

A. Quandt & Sons
 Painters • Decorators

SINCE 1885
 374 GUERRERO STREET • MARKET 1709
 SAN FRANCISCO
 LOS ANGELES

Plans To Be Taken Shortly. Cost, \$10,000.
RESIDENCE. Cost, \$10,000.
 SALTATOGA, Santa Clara Co., Cal.
 Two-story frame and stucco residence.
 Owner—Withheld.
Architect—Binder & Curtis, Binder Bldg., San Jose.

Contract to Be Awarded Shortly. Cost, \$15,000.
RESIDENCE. Cost, \$15,000.
 SAN FRANCISCO, NE St. Francis and San Fernando Way.
 Two-story and basement frame residence.
 Owner—A. R. McCullough, 425 Kearny St., S. F.
Architect—W. H. Crim, Jr. and Hamilton Murdock, 425 Kearny St., S. F.

Contract Awarded. Cost, \$15,000.
RESIDENCE. Cost, \$15,000.
 SAN FRANCISCO, NE St. Francis and San Fernando Way.
 Two-story and basement frame residence.
 Owner—A. R. McCullough, 308 32nd Av., San Francisco.
Architect—W. H. Crim, Jr. and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—C. Lindberg, 1 Naylor St., San Francisco.

Contracts Awarded. Cost, \$16,000.
RESIDENCE. Cost, \$16,000.
 SAN FRANCISCO, S Washington St., 132-6 W Walnut.
 Three-story and basement frame and stucco residence, (tile roof).
 Owner—Dr. A. H. Nahman, 700 Broderick St., S. F.
Architect—Samuel Lightner Hyman and A. Appleton, 68 Post St., S. F.

General Contract to Jacks & Irvine. 180 Jessie St. and 5426 Calif. St., San Francisco, \$14,504.
Heating to General Heating and Ventilating Co., 1243 Howard St., S. F., \$1,005.
Plumbing to E. Sugarman, 3624 Geary St., S. F., \$2,000.
Painting to D. Zelinsky, 422 Turk St., S. F., \$1,794.
Electrical Work to Shipman & Lauer, 1318 Polk St., S. F., \$928.

Contracts Awarded. Cost, \$26,774.
RESIDENCE. Cost, \$26,774.
 ALAMEDA, Alameda Co., Cal., Sherman St., and San Antonio Ave.
 Two-story and basement stucco Italian type residence (10 rooms and 4 baths).
 Owner—Mrs. S. J. Ackerman, 2044 Santa Clara Ave., Alameda.
Architect—W. E. Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor—Fred J. Westlund, 357 12th St., Oakland.
Plumbing to Scott Co., 381 11th St., Oakland.
Heating to L. D. Frazee, 351 12th St., Oakland.
Painting to W. S. Arlett, 24 Linda, Oakland.
Electrical work to Roberts Mfg. Co., 2270 Broadway, Oakland.

Owner Taking Figures. Cost, \$15,000.
RESIDENCE. Cost, \$15,000.
 SACRAMENTO, Sacramento Co., Cal.
 Two-story frame and brick veneer residence.
 Owner—T. W. Chester, Capital Natl. Bk Bldg., Sacramento.
Architect—Chas. W. McCall, Alameda Co. Title & Ins. Bldg., Oakland.

Phone Mission 2607
 Res. Phone Mission 5223

Fire Protection Products Co
 FIRE DOOR EXPERTS

Kalamita, Copper and Bronze
 Doors and Trim

Ornamental Entrances
 Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.
 3117-3119 TWENTIETH STREET
 near Harrison St.
 SAN FRANCISCO, CALIF.

JOOST BROTHERS

Builders' Hardware
 Tools, Etc.

(Members Builders' Exchange)

1053 MARKET ST.

Phone Market 891 San Francisco



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

Manufacturers of

ENCLOSED EXTERNALLY OPERATED SAFETY SWITCHES, KNIFE SWITCHES, METAL SWITCH AND CUT-OUT BOXES, SAFETY SWITCH BOARDS

247 MINNA STREET

Phone Sutter 3008

SAN FRANCISCO

Plans Being Prepared—Cost about each \$1,500.00. **REDWOOD CITY, San Mateo Co., Cal.**—Hillborough Park Co. Mills. Two-story frame and stucco residence. Owner—Hillborough Park Co. Mills. Architect—San Francisco.

Plans Being Prepared To Be Done By **Day's Work.** **REDWOOD CITY, San Mateo Co., Cal.**—Hillborough Park Co. Mills. Two-story frame and stucco residence. Owner—Hillborough Park Co. Mills. Architect—San Francisco.

Planned. **REDWOOD CITY, San Mateo Co., Cal.**—Hillborough Park Co. Mills. Two-story frame and stucco residence. Owner—Hillborough Park Co. Mills. Architect—San Francisco.

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Plans Being Figured. Bids Close Oct. 28, 1924. **REDWOOD CITY, San Mateo Co., Cal.**—Hillborough Park Co. Mills. Two-story frame and stucco residence. Owner—Hillborough Park Co. Mills. Architect—San Francisco.

Plans Being Prepared—Figures to Be **Day's Work.** **REDWOOD CITY, San Mateo Co., Cal.**—Hillborough Park Co. Mills. Two-story frame and stucco residence. Owner—Hillborough Park Co. Mills. Architect—San Francisco.

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SCHOOLS

Sub-figures Being Taken **Contracts** **Awarded.** **SCHOOL & OFFICE** **Cost, \$30,000** **SAN FRANCISCO, SAN Geronimo and**

Planned. **REDWOOD CITY, San Mateo Co., Cal.**—Hillborough Park Co. Mills. Two-story frame and stucco residence. Owner—Hillborough Park Co. Mills. Architect—San Francisco.

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Plastering to This **Ground.** **351 12th** **St., Oakland.** **MIL WORK** **to** **Eastman Bros. Mfg. Co.** **5th and Macdonella Sts., Oakland.**

Bonds Voted—Working Drawings Being **Prepared.** **SCHOOL.** **Cost, \$25,000** **HAYWARD, Alameda Co., Cal.**

Two-story and basement reinforced **concrete 24-room and auditorium** **high school building and add 3 or 4** **rooms and alter present school** **building.**

Owner—Hayward High School District. **Architect—H. H. Ratcliff, Mer. Trust** **Bldg., Berkeley.**

Plans will be ready for figures in **about two months.**

Sub-Figures Being Taken — Concrete **and Steel Contracts Awarded.** **APT. BLDG.** **Cost, \$87,808** **OAKLAND, ALAMEDA CO., Cal.**

First unit of reinforced concrete art **building.**

Owner—Mills College. **Architect—W. H. Ratcliff, Mer. Trust** **Bldg., Berkeley.**

Contractor—E. T. Lelter & Son, 3601 **West St., Oakland.**

Concrete work awarded to J. H. Fitz- **maurice, 351 12th St., Oakland.**

Structural Steel to Western Iron Wks., **141 Beale St.**

PASADENA, Los Angeles Co., Cal.— **H. W. Baum Co., 505 Kerckhoff Bldg.,** **Los Angeles, was low bidder at \$194,-** **952 on the general contract for erect-** **ing new buildings at John Marshall** **Junior High School site at Pasadena.** **John C. Austin and F. M. Ashley, 1119** **Delwiler Bldg., Los Angeles, are the** **architects. Low bidders on other con-** **tracts were: J. J. Meskill on heating** **at \$23,995; W. F. Creller on plumbing** **at \$13,970; R. E. Swan on painting at** **\$7249; and American Electric Constr.** **Co. on wiring at \$11,773.20. The work** **will include a one-story industrial arts** **building and a two-story and basement** **science building containing 20 class-** **rooms and auditorium; reinforced con-** **crete construction, stucco exterior, clay** **tile roofing, cast stone entrance.**

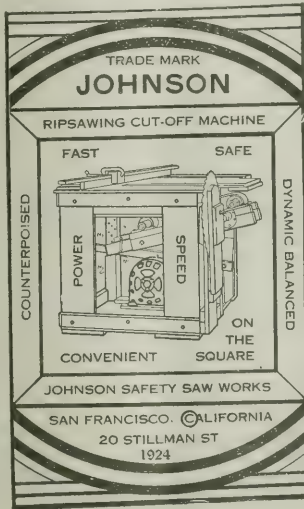
VENTURA, Ventura Co., Cal.—Archit- **ect Mott M. Marston, 507 Douglas** **Bldg., Los Angeles, is preparing plans** **for a 6 classroom school building on** **McMillan Ave., Ventura, for the San** **Buenaventura School District; 152x33** **ft. brick walls, art stone trim, tile and** **composition roofing, gas rad. heating,** **maple floors, concrete corridors, black-** **boards, stage, tower.** **(53551)**

LOS ANGELES, L. A. Co., Cal. — **Archts. Witmer & Watson, 419 Bank of** **Italy Bldg., are preparing plans for** **additions to grammar school bldg. at** **Vine St. sch. site, for the bld. of ed.** **There will be 2 wings one to contain 12** **classrms. and other will have auditor-** **ium to seat about 300. 2-sto. and base-** **ment, brick, plas. maple fls. pine trim,** **new steam htg. plant, slate blackboard;** **\$105,000.**

LOS ANGELES, Los Angeles Co., Cal. **—Architects Hunt & Burns, 701 Lough-** **lin Bldg., Los Angeles, have been com-** **missioned by the Board of Education** **to prepare plans for a new junior high** **school to be erected at Indiana and** **Percy Sts. The appropriation is \$350,-** **000.**

MEXICALI, Mexico—J. N. Acosta, **district engineer, Mexicali, Mex., is** **preparing plans for large industrial** **school at Mexicali. Cost, \$400,000.** **Money has been appropriated and work** **will probably start about Jan. 1, 1925.**

LONG BEACH, Los Angeles Co., Cal. **—Orndorf & Gow, 351 N. Western Ave.,** **Los Angeles, were low bidders at \$13,-** **000 on general contract for new** **building at Jefferson Jr. High School** **site, Long Beach. Other low bids were:** **L. A. Walters, plastering, \$13,242; J. M.** **Mustace, plumbing, \$258; Paul E.** **Johnston, painting, \$7013; B. E. Ele-** **stace, electric wiring, \$5375; J. M. Ele-** **stace, heating, \$7742. Allison & Allison** **and Wynkoop & Law, associate archi-** **tects and engineers, are preparing plans** **for the building at Indiana and** **Long Beach. Bids taken under advisement.**



SAN FRANCISCO—Board of Supervisors has passed to print an ordinance authorizing the construction of exits from the addition to Girls High School at O'Farrell and Scott Sts. Bids for the work will be asked by the Board of Public Works in about three weeks. John Reid Jr., city architect.

ALAMEDA, Alameda Co., Cal.—The following bids were received October 21st, by the Board of Education of the City of Alameda for the construction of a brick and tile high school building from plans prepared by Architect Carl Werner, Santa Fe Bldg., San Francisco. Contracts were awarded to the lowest bidders subject to the approval of the City Attorney.

Proposition No. 1, General Work
Cochrane-Boehm, Call Bldg., S. F. (awarded).....\$311,872
John E. Branagh, Oakland.....313,900
Anton Johnson Co., Kingsburg.....315,000
McIntosh Bros., Oakland.....321,500
W. Mollate, San Francisco.....325,650
Barrett & Hilt, S. F.....333,400
C. L. Wold Co., S. F.....337,500
Schuler & McDonald, Oakland.....367,000

Proposition No. 2, Brick and Tile Work
Hock & Hoffmeyer, 180 Jessie St., San Francisco (awarded).....\$31,850
M. B. McGowan, S. F.....34,200
Harry E. Drake, S. F.....34,500
White & Gloor, S. F.....35,790
Mealy & Colby, S. F.....37,378

Proposition No. 3, Lathing & Plastering
(1, Add)
Herman Bosch, 129 Fulton St., San Francisco (awarded).....\$75,800

(1) \$9750
Jos. Greenbach, S. F.....85,839
J. F. Smith, S. F.....95,000
(1) \$3500

Proposition No. 4, Plumbing
L. J. Kruse, 6048 College Ave., Oakland (awarded).....\$21,745
A. Feldhammer, Alameda.....21,810
Scott Co., Oakland.....21,850
G. & J. Bay, Alameda.....23,000
T. R. Catton, Berkeley.....24,239

Proposition No. 5, Heating and Ventilating (1, add); (2, deduct)
W. K. Northman, 312 10th St., Oakland (awarded).....\$18,666
(1) \$100; (2) \$360.
Geo. Schuster, Oakland.....48,670
(1) \$700; (2) \$380

Scott Co., Oakland.....49,428
(1) \$511; (2) \$319
W. H. Picard, Oakland.....49,672
(1) 0-d; \$80; (2) 0-d; \$125

Abeel & Co., San Francisco.....49,940
(1) 0-d; \$600; (2) 0-d; \$300.
Wm. J. Bayne, Alameda.....49,990
(1) 0-d; \$400; (2) 0-d; \$300.

Adeal Heating & Ventilating Co., 50,400
(1) 0-d; \$200; (2) 0-d; \$319
Carl T. Doel, Oakland.....51,333
(1) add; \$55; (2) add; \$140

Proposition No. 6, Electrical Work
Crown Elec. Co., 153 Eddy St., San Francisco (awarded).....\$26,975
M. E. Ryan, San Francisco.....27,380
Strom Elec. Co., San Francisco.....27,750
Spencer Elec. Co., San Francisco.....28,410
Standard Elec. Constr. Co., San Francisco.....29,393

Decker Elec. Co., S. F.....37,792

Proposition No. 7, General Work
Guilfoyle Corrie Co., 1234 Howard St., San Francisco (awarded).....\$71,222

Proposition No. 8, Roofing
Oakland Roofing Co., 351 12th St., Oakland (awarded).....\$5,990

J. E. Bender Roofing Co., S. F.....7,000

Proposition No. 9, Painting
J. J. Burdon, 1426 Macdonald Ave., Richmond (awarded).....\$17,600
Conrad E. Davis, S. F.....24,832
R. Zelinsky, San Francisco.....24,832

Proposition No. 10, Alterations to Existing Building
Mission Concrete Co., 180 Jessie St., S. F. (awarded).....\$38,980

McIntosh Bros., Oakland.....39,473
Murneely & Hostrawser, Okd.....42,500
Schuch-Williams Constr. Co., Okd.....44,586
H. C. Vensano & Co., S. F.....44,840
Cochrane-Boehm, S. F.....44,900
Schuler & McDonald, Oakland.....46,949

COLMA, San Mateo Co., Calif.—Fink & Schindler, 226 13th St., San Francisco, have been awarded the contract at \$5,150, by the Board of Trustees of the Jefferson Union High School District, for special fixtures for the new high school building. W. H. Weeks, 369 Pine St., San Francisco and Tribune Tower, Oakland, is the architect.

LOS ANGELES, Los Angeles Co., Cal.—The Board of Education has appointed architects to prepare plans and specifications for new grammar schools as follows: Fredk. J. Soper, new school at Franklin Ave. site to cost \$124,000; Somervill & Putman, new school at 38th St. site to cost \$34,000; Gilbert Stanley Underwood, new school at Marango Hts. site to cost \$84,000; architectural dept. of the board of education, addition to Woodcrest school to cost \$84,000 and an addition at manual arts high school to cost \$100,000.

LOS ANGELES, Los Angeles Co., Cal.—The Board of Education has appointed engineers to prepare plans for heating for school buildings as follows: E. L. Ellingwood for Woodcrest and Manual Arts additions; Chas. T. Phillips Co. for the junior high school at 41st and Percy Sts.; Ralph C. Phillips for Franklin Ave. school; and Martin T. Hooper for 38th St. School.

COMPTON, Los Angeles Co., Cal.—Architect Alfred W. Hill and Chas. E. Garstang, 905 Trust & Savings Bldg., are preparing plans for a new administration building to be erected at the high school site at Compton for Compton Union High School District. It will contain 18 classrooms, auditorium to seat 1800, study, hall, library, with cafeteria in the basement. Dimensions, 188x220 ft., brick construction, stucco exterior, cast stone trim, tile and composition roofing, elevator. Cost, \$300,000.

MARYSVILLE, Yuba Co., Cal.—Geo. W. Tollev, Gridley, at \$30,373 awarded contract by Feather River Union School District to erect two new school buildings. Bonds of \$21,000 were recently voted to finance construction.

SANTA ROSA, Sonoma Co., Cal.—Bids were opened on Oct. 21st, by the Santa Rosa Public Schools, District, to erect a three-story frame school building, from plans prepared by Architect W. Herbert, 506 Rosenberg Bldg., Santa Rosa. The lowest bid was by T. Christmann, Crestville, for \$10,868, was accepted. Other bids were as follows: B. Downey \$11,095, alternate deduct \$765; G. C. Norris \$11,885, alternate \$955; W. J. Meeker \$11,850, alternate \$1,045 and Whittier & Hite \$11,935, alternate \$746. Mr. Christmann's alternate bid was \$1,080.

BANKS, STORES & OFFICES

Plans Being Prepared, Figures to be Taken in Two Weeks.

STORERS
SAN JOSE, Santa Clara Co., Cal., Santa Clara and Vine Sts.
Two-story brick stores and left bldg., (2 stores).

Owner—Markovits and Fox, 14 N 14th St., San Jose.

Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contract Awarded
SAN JOSE, Santa Clara Co., Cal., Santa Clara and Vine Sts.

One-story brick stores.

Owner—Callahan & Earnsworth, Architects—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contractor—Benj. Oulmet, 226 Yosemite St., San Jose.

Plans Being Prepared.
STORES Cost, \$10,000

SAN JOSE, Santa Clara Co., The Alameda.

One-story brick stores, (4 stores).

Owner—Mr. A. Altes, Architects—Wolfe & Higgins, Auzerais Bldg., San Jose.

Being Done by Sub-Contracts
OAKLAND, Alameda Co., Cal., S 15th St. 150 E Broadway

Two-story steel and reinforced concrete store building.

Owner—W. J. Hughes, 357 12th St., Oakland.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.

Concrete work awarded to Mr. Morris Steel to Judson Iron Works.

SACRAMENTO, Cal.—Wilson Bros. Furniture Co., 10th and J Sts., Sacramento, has purchased property in 35th St., adjoining the Oak Park Theatre and plan to improve property in near future. Site covers area of 14 by 150 ft.

Plans Being Prepared — Contract Awarded.

ALTERATIONS Cost, \$20,000
SAN FRANCISCO, 539 Broadway

Extensive alterations and additions to Cabrera Italian Restaurant. Erect second floor, reconstruct roof, install new ventilating system, etc.

Owner—Mr. Macdonald.
Architect—S. Heiman, 57 Post St., S. F.
Contractor—J. Martinelli, Call Bldg., San Francisco.

Figures To Be Taken Next Week.
STORE BLDG. Cost, \$25,000

WATSONVILLE, Santa Cruz Co., Cal. One-story reinforced concrete store building (5 stores).

Owner—W. H. Weeks.
Architect—Wm. H. Weeks, 369 Pine St., San Francisco.

Plans Being Prepared — Contract Awarded.

STORE BLDG. Cost, \$30,000
SAN FRANCISCO, S Market 119 W. Tenth St.

Three-story and basement brick store and loft building, 50x140.

Owner—W. H. Weeks, 1225 Market St., San Francisco.

Designer & Contractor—R. McLean Co. Hearst Bldg., San Francisco.

Grading is now being done by the owner. Sub-figures will be taken shortly.

Low Bidder.
BUILDING Cost, \$—

RICHMOND, Macdonald Ave., bet. 10th and 11th.

Two-story frame and brick building. Owner—Independent Publishing Co.

Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Wallace Snelgrove 248 14th St., Richmond submitted the lowest bid. The award of contract depends on the alternates.

Contractors To Take Sub Figures In About Three Weeks.

OFFICE BLDG. Cost approx \$500,000
SAN FRANCISCO, SE Cor. Van Ness Ave. and Hayes St.

Four-story class A office bldg. Owner—Calif. State Automobile Association.

Architect—George W. Kelham, Sharon Bldg., San Francisco.

Contractor—P. J. Walker Co., 55 New Montgomery St., San Francisco.

Excavation will not be started for about two weeks.

LOS ANGELES, Los Angeles Co., Cal. North Pacific Construction Co., 1302

Deliver Bldg., was low bidder at \$287,500 for all work complete for erecting a 13-story basement and sub-basement Class A office building on the south side of 2nd St., between Hill St. and Broadway, Los Angeles, for the Public Service Department, City of Los Angeles.

Roy L. Smith, 216 Drye Bldg., is the architect. Building will be reinforced concrete construction, 48x110 feet. The other bids were: Wm. G. Reed, \$298,849; Robert E. Millsap, \$304,990; Clinton Constr. Co., \$305,000; Lunge & Bergstrom, \$309,110; Bavin & Burch Co., \$312,000; E. C. English, \$313,071; Pozzo Construction Co., \$312,738; Weymouth Crowell Co., \$314,800; Winter Constr. Co., \$315,926; J. C. Banister, \$316,16; R. E. Campbell, \$318,100; Macdonald & Driver, \$318,137; The Kelly & Sons, \$323,000; Wm. A. Larkins, \$337,954; J. V. McNeil Co., \$347,990.

Contract Awarded.
BUILDING Cost, \$32,328

OAKLAND, Alameda Co., Cal., E Grand Ave. 97 N Park View Terrace.

Two-story and basement frame office building.

Owner—Dr. L. P. Adams & Dr. W. H. Strietmann, Federal Bldg., Oakland

Architect—Wm. E. Milwain, Pacific Bldg., Oakland.

Contractor—F. W. Maurice, 505 E-22nd St., Oakland.

ALTERATIONS. Cost, \$12,500.
SAS. ELA ESCOBAR, 47, Market St.
Remodeling bids for hotels and offices.
Owner—San Francisco City Stationery Co., 41 New Montgomery St., S. F.
Architect—Bartlett & Joseph, 41 New Montgomery St., S. F.

Plans Being Taken. Figures to be taken. Shortly.
BUILDING. Cost, \$5000.
SAN. MATEO, San Mateo Co., Cal.
Extension of 12 Camino Real and Cypress Springs Road.
Owner—California Automobile Association.
Architect—W. H. Cline Jr. and H. M. Morrison, 12, Keaning St., S. F.

Contracts Awarded.
OFFICE & STORE. Cost, \$122,700.
OAKLAND, Alameda Co., Cal. Thirtieth and Franklin Sts.
Fryer's Class C truck office and store building.
Owner—Yerke & Stevens, Inc., 1555 San Pablo Ave., Oakland.
Architect—The H. H. Winner Co., Shattuck Bldg., San Francisco.

Contractor—C. H. Hansen, 30 R. W. Littlefield, 357 12th St., Oakland.
As reported before the structural steel was awarded to the contractor, 14th and Campbell Sts., Oakland, at approximately \$18,000.
This structure was formerly planned for Carl Raentsch and was taken over by Yerke & Stevens, Inc.

Contracts Awarded.
ALTERATIONS. Cost, \$—
SAN. FRANCISCO. E Van Ness Ave.
Alter building.
Owner—Geo. Campe, Inc., 1230 Van Ness Ave., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Painting to John A. Mohr & Son, 433 11th St.
Carpentry to Vukicevich & Bagge, 815 Bryant St.

Contract Awarded.
ADDITION. Cost, \$20,000.
SAN. FRANCISCO. S Sutter St. 70-6 W Mason St.
Add 2 additional stores and elevator for furniture store.
Owner—Joseph & Pasquale Campagno, 323 Clay St., San Francisco.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., S. F.
Contractor—Jacks & Irvine, 180 Jessie St., San Francisco.

Sub-Figures Being Taken.
STORE. Cost, \$10,000.
SAN. FRANCISCO. SW Fourth and Clara Streets.
One-story and mezzanine floor Class A store.
Owner—Barrett & Hilt, 918 Harrison St., San Francisco.
Architect—R. W. Jenkins, 243 Diamond St., San Francisco.
Steel Sash awarded to U. S. Metal Products, 330 10th St., S. F.

Sub-Contracts Awarded.
ADDITION. Cost, \$99,535.
SAN. FRANCISCO. NW Post and Powell Streets.
One-story addition to building.
Owner—E. W. Hopkins.
Lessee—Argonaut Club.
Architect—John A. Schmittacher, 233 Post St., San Francisco.
Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.

Outrigger awarded to Star Ornamental Iron Works.
Brick Work to Harry Drake, 180 Jessie St., San Francisco.
Electric Work to Victor Lemoine, 281 Natoma St., San Francisco.
Structural Steel to Pacific Structural Iron Works, 370 10th St., S. F.
Lumber to Loop Lumber Co., Central Basin, San Francisco.
Heating to S. J. Co., 243 Minna St., San Francisco.
Plumbing to F. P. McKeon, 233 Post St., San Francisco.
Composition Roofing to Alta Roofing Co., 221 Oak St., S. F.
Slate Roof to Albert Dean, 180 Jessie St., San Francisco.
Elevator to Otis Elevator Co., Beach and Stockton Sts., S. F.
As previously reported the sheet metal was awarded to Guilfoyle Corbice Works, 1234 Howard St., S. F.

Sub-Figures Being Taken.
STORE & LOBBY. Cost, \$20000.
OAKLAND, Alameda Co., Cal. W Telegraph Ave., 105 N Sixteenth St.
Six story concrete store and loft building.
Owner—F. J. Sullivan, 918 Harrison St., San Francisco.
Architect—J. J. Donovan, Tapscott Bldg., Oakland.
Contractor—Barrett & Hilt, 918 Harrison St., Oakland.

Contract Awarded. Cost, \$13,549.40
RICHMOND, Alameda Co., Cal. NE Macdonald Ave. & 11th St.
One-story pressed brick store building with tile trim (5 stories).
Owner—Leo F. Preslico, Richmond.
Architect—None.
Contractor—Tandy & Thels, 234 Chanslor Ave. and 246 14th St., Richmond.
Other bidders were: Dave Martz, \$13,827; The Minor company, \$14,463; W. Snelgrove, \$14,523; K. J. Henning, \$14,575; Carl Overaa, \$15,380.

LONG BEACH, L. A. Co., Cal.—Archts and Engrs. Dedrick & Bobbe, 214 Laguna Bldg., Long Beach, have prepared plans for a 12-story class A store and office bldg. at n.w. cor. Ocean Blvd and Pine Ave. for J. R. Mason and T. F. Merrick; 60x160 ft., rein. conc., brick ext. stone and tile facing, tile and copper riv. passenger elevators, 6 stories and 165 offices; \$750,000.

LOS ANGELES, Los Angeles Co., Cal.—Architect Schultze & Weaver, Pacific Mutual Bldg., have been commissioned to prepare plans for the new Class A terminal and office building to be erected on the Pacific Electric terminal site on Hill St., bet. 4th and 5th Sts., by C. Sullivan Terminal Corp., J. F. Sartori, president; Jas. R. Martin, secretary. Terminal facilities for the Pacific Electric Railway and subway will be provided in the lower stories with offices in the upper stories. The cost will be \$3,000,000.

LOS ANGELES, Los Angeles Co., Cal.—Architects Walker & Eisen, 701 Great Republic Bldg., are preparing revised plans for a 13-story and basement Class A store and office building to be erected at the southeast corner of 8th and Francisco Sts., for Dr. F. E. Morgan. It will be designed for use by the medical profession. Macdonald & Kahn, Spring Arcade Bldg., Los Angeles, will be the contractors. The building will be 100x184 ft., reinforced concrete construction, marble and tile work, elevators, steam heating, etc.

LOS ANGELES, Los Angeles Co., Cal. Engineer R. McC. Beannfield, 603 Trust & Savings Bldg., is completing revised plans for the Class A addition to be erected on Spring St. near 6th by the Pacific Southwest Trust & Savings Bank. New bids on the general contract will be taken in a few days. The building will be reinforced concrete construction with banking room in the lower four stories, and offices above. J. C. Bannister, 6331 Hollywood Bldg., has a contract on a percentage basis for construction of foundation and basement and sub-basement. John & Donald B. Parkinson, Title Insurance Bldg., are the architects.

LOS ANGELES, Cal. — M. J. Brock, 4221 Moneta Ave., has the cont. at \$55,618 for a 2-story brick store, apt. and bank bldg. at s.e. cor. Vermont and Vernon Aves. for T. J. McGonigle; 6 stories, 23 apts. and 5 offices, 91x122 ft., press, br. facing, stone trim, comp. rfg., gas htg., tile baths and showers, hardwood and tile fls., marble wk., skylight, small hls, prt trim, reinf. conc. vault. Plans by Archt. A. L. Acker, 445 Douglas Bldg. and Archts. Hudson & Munsell, 444 Douglas Bldg., assoc.

THEATRES

Sketches Prepared. Cost, \$50,000
THEATRE
MERCED, Merced Co., Cal., 16th Street.
Class A Theatre.
Owner—Chas. Hold, Merced, Cal.
Architect — Reiz Brothers, 105 Montgomery St., San Francisco.

Sub-Figures Being Taken.
STORE & THEATRE. Cost, \$100,000.
SAN. MATEO, San Mateo Co., Cal. Third Avenue.
Reinforced concrete store and theatre building.
Owner—E. Getz, Chronicle Bldg., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Reinforcing Steel awarded to Radtke-Palk Co., 74 New Montgomery St., San Francisco.
Lumber to Ludfield Lumber Co., 607 Main St., Palo Alto.

Date of Opening Bids Postponed To October 22, 1924.
THEATRE. Cost, \$—
MOUNTAIN VIEW, Santa Clara Co. Cal
Two-story reinforced concrete store, office and theatre building.
Owner—C. Hartley and F. Campen.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Figures are being taken for a general contract and will be opened about the 15th of October.

MONTEREY PARK, L. A. Co., Cal.—H. G. Butterfield, 1208 S. Wilson Ave., Alhambra, has contr. at about \$70,000 for brick theatre at 2113 Garfield Ave., Monterey Park, for Howe & Merrill, Riverside. Wilson, Merrill & Wilson, archs. and engrs., 123 S. Vermont Ave., Los Angeles. Bldg. will contain auditorium seating 800 and 2 stores, 60x150 ft., stucco ext., Summerell r. r. rushes, comp. rfg., cem. fls., marble lobby, plate glass and cop., vent. sys., gas steam rads. Found. is in.

LOS ANGELES, Los Angeles Co., Cal.—Meyer & Holler, Wright-Callender Bldg., Los Angeles, have completed plans and have contract for remodeling 4-story theatre and office building at 127 S. Broadway for Los Angeles Billmore Amusement Corp., % Bradner W. Lee, H. W. Hellman Bldg., Los Angeles. Work consists of remodeling interior, redecorating same, changing ramp to concrete, renew plumbing and renewing seats and flooring on main and balcony floors. Cost, \$74,400.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Ave., Long Beach, have the cont. at \$160,000 for a 3-story class A theatre, store and cafe bldg. at 221-235 E Seaside Ave., Long Beach; 6 stories, there to seat 1400 people, and cap on 3rd fl.; 95x115 ft., steel frame and reinf. conc., brick front, hollow tile filler walls, terra cotta trim, cem. and hardwd. fls., orn. iron marquees, fire escapes, orn. plaster; \$175,000. Carl Boller, 340 Douglas Bldg., L. A., archt.

WHARVES AND DOCKS

NEWPORT BEACH, Cal. — Election will be held Oct. 28, to vote \$100,000 bond issue to extend municipal pier and boat landing.

POINT BENITA, Calif.—See "Government Work and Supplies," this issue. Award of contract.

RICHMOND, Contra Costa Co., Cal. Renner Foundation Co., 628 Montgomery St., San Francisco, at \$7920 awarded contract by City Council to const. fender line at Municipal Wharf.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded. Cost, \$11,091
FIREHOUSE
BERKELEY, Alameda Co., Cal. Arch St. near Spruce St.
One-story frame and stucco firehouse.
Owner—City of Berkeley, E. M. Mann, City Clerk.
Architect—Jas. W. Placnek, 2014 Shattuck Ave., Berkeley.
Contractor—Heath & Wendt, American Bank Bldg., Berkeley.

SANTA BARBARA, Cal.—Richfield Oil Co., Bartlett Bldg., Los Angeles will enter local field with service stations, leases, and equip. totaling about \$100,000.

(Continued on Page 28)

Official Proposals

NOTICE TO CONTRACTORS

(County of Alameda—Service Building)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until Monday, November 11, 1924, at 10 o'clock A. M. (the day when said bids will be opened and the contract awarded) for the erection and completion of a two-story frame service building on the Del Valle Farm Site near Livermore, Alameda County, Calif.

Complete plans and specifications for said work are on file in the office of the County Clerk in the Hall of Records Building, City of Oakland, California, where copies may be obtained by depositing with the County Clerk the sum of Twenty Dollars (\$20.00). Contractors will be required as to the length of time they may retain these plans and specifications to ten (10) days.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposit to the County of Alameda. The entire amount of the deposit will be returned to contractors returning said plans and specifications in good condition within said time limit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid, or proposal, certified to by some responsible bank and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the Contract.

(SEAL) GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda.
Dated: October 14, 1924.

NOTICE TO BIDDERS

Merced Irrigation District, Bridges, Etc.

Notice is hereby given that sealed proposals for the construction of concrete abutments and piers; the designing, fabrication and erection of the steel superstructure; and the placing of timber floors for the five steel bridges on the relocated line of the Yosemite Valley Railroad between Merced Falls, Merced County, California, and Detwiler, Mariposa County, California, will be received by the Board of Directors of the Merced Irrigation District at its office in the Bachrodt Bldg., in the City of Merced, State of California, at any time up to 1 o'clock P. M. of November 18, 1924, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work to the lowest responsible bidder, but said Board reserves the right to reject any or all bids and re-advertise for proposals or proceed to construct the work under their own superintendence.

The District will furnish all sand and gravel (or crushed rock) in hopper-bottom cars, all cement and all cross-tied lumber for timber floors required for the completion of the work herein described. All other materials required for the completion of the work must be furnished by the Contractor.

The estimated quantities of material in the various elements of the entire work shown in the following schedules:

Schedule A
Excavation Unclassified Cu. Yd. 10
Mixing and Placing Concrete 27,820 Cu. Yd.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

Regular official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Furnishing and Placing Reinforcement 22,625 lbs.

Schedule B
Designing, furnishing and fabricating Steel Work about 7,207,100 lbs.

Schedule C
Erecting steel work about 7,207,100 lbs. Placing Timber Floor
Bidders may submit proposal for the work covered in any or all of the Schedules for any or all bridges.

The work is particularly described in the specifications and drawings therefor, which may be seen at the said office of the said Board in said City of Merced. Copies of said specifications and drawings may be obtained at the office of said Board upon a deposit of \$10.00 for each copy, said deposit to be returned to the successful bidder and to all others upon the return of the specifications and drawings in good and serviceable condition not later than November 18, 1924.

Any bidder to whom a contract for said work may be awarded must furnish bonds as provided by law, to-wit: A bond in the sum of at least one-half of the contract price to secure the payment of claims of materialmen, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price conditioned for the faithful performance of the contract, said bond to be approved by said Board, provided that for any contract for equipment covered in Schedule B, only the bond for faithful performance of the contract will be required.

Each bid must be accompanied with cash or a cashier's or certified check payable to Merced Irrigation District, for an amount equal to not less than 5 per cent of the total amount of the bid as a guaranty that if the bid is accepted, the bidder will, within ten days after its acceptance, enter into a contract with the District in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit, it will be assumed (without prejudice) that the quantities will be as estimated in the specifications.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposals, must be submitted intact with the bid in a sealed envelope addressed to the

Board of Directors of the Merced Irrigation District, and marked to indicate that each is a proposal for the construction of steel bridges for the relocated line of the Yosemite Valley Railroad.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District, this 7th day of October, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of the Merced Irrigation District.

NOTICE TO CONTRACTORS

(General Contract, Heating and Ventilating—San Jose Junior High School)

NOTICE IS HEREBY GIVEN that Sealed Bids will be received and opened by the Board of Directors of the City of Santa Clara County, State of California, in the office of the Board of Education, High School Bldg., San Jose, California, up to 8:00 P. M. on the 11th day of November, 1924, for the following work in connection with the new Santa Clara Street Junior High School Building to be erected in the city of San Jose, California, according to plans and specifications prepared for the same by W. H. Weeks, architect, 369 Pine Street, San Francisco, or at the office of Binder & Curtis, associated architects, San Jose, California, or at the office of the Secretary of the Board of Education, High School Bldg., in the City of San Jose.

The general contract with the various alternate bids:

Heating and ventilating.
All bids should be presented on bid forms furnished by the architects.

Each bid must be accompanied by a certified check on responsible bank for no less than five per cent (5%) of the amount bid, made payable to the President of the Board of Education of the City of San Jose for the purpose stated in the specifications.

Each bid must be delivered in a sealed envelope, and addressed to W. L. Bachrodt, Secretary of the Board of Education, and endorsed "Proposal for the Santa Clara Street Junior High School Building."

The Board reserves the right to reject any and all bids.

W. L. BACHRODT,
Secretary of the Board of Education, City of San Jose, California.

NOTICE TO CONTRACTORS

(Elevators and Spiral Chute)

SEALED PROPOSALS, indorsed "Proposals for elevators, San Francisco, Calif. Specification No. 511," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., October 29, 1924, and then there publicly opened for two freight and one passenger elevators and spiral chute, at the Marine Corps Depot for Supplies, San Francisco, Calif. Freight elevators will be hand rope controlled and passenger elevators will have push button control. Elevators will be provided with necessary motors, cars, gates, wires, cables, sheaves, counterweights, guides, sheave beams, and machine bases. Specification No. 5011 and accompanying drawings may be obtained on application to the Bureau or to the Commandant, Twelfth Naval District, San Francisco, Calif. Deposit of a check of postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GRIMORY, Chief of Bureau, August 15, 1924.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR FRIEDLE

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San Francisco, Calif.

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General Listing Bureau

Architect's Preliminary Estimates

Engineering News Section

BRIDGES

MERCED, Merced Co., Cal. — Until Nov. 18, 1 p. m., bids will be rec. by H. J. Sargent, dist. Merced Irrigation District, Riverbank Bldg., Merced, to const. conc. abutments and piers, designing, fabrication and erection of steel superstructure, and placing of timber floors for five steel bridges on the relocation line of the Yosemite Valley R.R. between Merced Falls, Merced County and Detwiler, Mariposa County. The estimated quantities of materials are:

Schedule A—Unclassified excavation; 22,820 cu. yds. mixing and placing conc.; 22,625 lbs. fur. and place reinforcement.

Schedule B—Design, furnish and fabricate approx. 7,207, 100 lbs. steel work and place timber floors. Bids will be considered for the work covered in any or all of the Schedules for any or all bridges. R. V. Meikle, ch. engr. for dist. Copies of specifications obtainable from secy on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

SANTA ROSA, Sonoma Co., Cal. — Gates and Howe, Santa Rosa, at \$297.5 awarded cont. by supervisors to const. rein. conc. bridge on Santa Rosa-Guerneville rd., at Laguna Fill. Galbraith and James, Yuba City, at \$588.50 awarded cont. to const. rein. conc. bridge over Calabasas creek at Weise ranch on Santa Rosa-Schellville highway.

WASHOE COUNTY, Nevada—State Highway Commission preparing estimates of cost for four bridges to be constructed on highway between Reno and Verdi in Washoe county. Estimates will be made for both concrete and steel construction. Geo. Borden, state highway engr.

WILLOWS, Glenn Co., Cal.—Until Nov. 6, 10 a. m. bids will be rec. by W. H. Sale, county clerk, to const. rein. conc. bridge in Rd. Dist. 3, 16-mi. west of Willows, known as Sheehy Bridge. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans on file in office of clerk. Bayard Knock, county surveyor.

LOS ANGELES, Cal.—Bd. Pub. Wks. reports to council that two proposed bridges over the Los Angeles river will cost \$1,200,000. One at Hyperion Ave. will cost \$800,000 and the other at Glendale Blvd., \$400,000.

LOS ANGELES, Cal. — Ross Constr. Co., Van Nuys Hotel, submitted low bid to supervisors at \$28,400 to construct bridge over San Antonio Wash, on Huntington Dr. Other bids: Frank H. Greene, \$34,915; W. M. Ledbetter and Co., \$35,953; The Wheeler Co., \$36,403; Gibbons & Reed Co., \$37,300; Stanton & Hubert, \$39,958; Mercerec Bridge and Constr. Co., \$40,713; Allied Const., \$42,500; J. S. Metzger & Son, \$51,782.

STOCKTON, San Joaquin Co., Cal.—Supervisors apply to War Department for permit to install steel swing bridge over King Island cut between King and Bishop tracts; est. cost \$30,000. A private ferry now serves in place of the bridge. F. E. Quail is county surveyor.

SANTA ROSA, Sonoma Co., Cal. — Until Nov. 11, 12 M. bids will be rec. by W. W. Felt, Jr., county clerk, to const. rein. conc. trestle over the Laguna on the Santa Rosa-Guerneville rd., in 2nd and 3rd Supervisorial Dist., involv. 380 cu. yds. A conc.; 2700 lin. ft. conc. piles; est. cost \$22,500. E. A. Feugh, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 10, 11 a. m., bids will be rec. by Henry A. Rfister, county clerk, to const. 100 ft. long culvert at Waverley Ave. over Matadero creek, Supervisorial Dist. No. 5. Plans on file in office of clerk. Robt. Chandler, county surveyor.

SANTA ROSA, Sonoma Co., Cal. — Until Nov. 11, 12 M. bids will be rec. by W. W. Felt, Jr., county clerk, to const. rein. conc. bridge over branch of Guadalupe river at Nobles Ranch in 5th Supervisorial Dist., involv. 270 cu. yds. A conc.; est. cost \$9000. E. A. Feugh, county surveyor.

SACRAMENTO, Cal.—Following contracts awarded by supervisors to furnish materials in connection with Paintersville bridge project: Blake Brothers Company, crushed rock, \$2.90 per cubic yard; piles, Hammond Lumber Company, 24 cents per ft.; cement, Henry Cowell Lime and Cement Company, at \$3.22 per barrel; lumber, J. J. O'Connor Lumber Company, \$1444.

SANTA ROSA, Sonoma Co., Cal.—Until Nov. 11, 12 M. bids will be rec. by W. W. Felt, Jr., county clerk, to const. rein. conc. bridge over Mark West Creek on Fulton-Healdsburg rd., in 3rd Supervisorial Dist., involv. 260 cu. yds. A conc.; est. cost \$5500. E. A. Feugh, county surveyor.

DREDGING, HARBOR WORKS AND EXCAVATIONS

STOCKTON, San Joaquin Co., Cal.—City council secures order from Superior Court permitting city to take possession of lands forming dam site in Calaveras river watershed. Work to start at once on \$1,500,000 flood-control reservoir near Valley.

RICHMOND, Contra Costa Co., Cal. — Renner Foundation Co., 628 Montgomery St., San Francisco, at \$7920 awarded contract by city council, to const. fender line at Municipal Wharf.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Merced Irrig. Dist. has awarded cont. as follows: John Phillips, at 18c cu. yd. for canal work; Merced Concr. Pipe Co., for culv.; Redwood Mfg. Co., Pittsburgh, for redwood lbr. All bids for canal lbr. structures were rejected and work will be done by dist. engr.

PHOENIX, Ariz. — Jasper-Stacy Co., 216 Pine St., San Francisco, awarded cont. by Auxiliary Eastern Irrig. Dist. for const. of irrig. works, canals, etc., which comprises 42,000 ac. east of Chandler and Mesa. Dist. recy. has completed an agreement with Salt River Valley Water Users' Assn. for const. of these works and general development of district's lands. C. C. Cragin, engr. of Water Users' Assn., in charge. J. H. Beale, supt. of the Jasper-Stacy Co., is in Phoenix preparing to start work. Fred H. Hibbets, San Francisco, consulting engr.; Howard S. Reed and Sheldon K. Baker, Phoenix, constr. engr. A syndicate composed of national bankers, has purchased the \$2,000,000 bond issue.

TRACY, San Joaquin Co., Cal.—Until Nov. 12, 8 p. m., bids will be rec. by W. Schlossman, secy. Banta-Carbana Irrigation District, to excavate, place conc. lining and furnish and install 48-in. pipe for lift canal system. W. D. Harrington, Tracy and Thos. Means, 389 Pine St., San Francisco, engineers. Project involves: 323,000 cu. yds. earth excavation; 460,000 sq. ft. conc. lining; fur. and install 4350 lin. ft. 48-in. pipe. Cement will be furnished by dist. Bids will be considered for the completed work but not for any part thereof. Cert. check 10% payable to Dist. recy. Plans on file in office of secy., and obtainable from engineers.

HANFORD, Kings Co., Cal.—As result of election in Tulare lake basin, Tulare Lake Water Storage Dist. W. D. has been formed and a board of directors named to work out reclamation and irrig. project, embracing 150,330 ac. of bottom lands. Directors are: A. W. Goodfellow, A. D. Schindler, W. G. Wright, Harry L. Martin and A. G. Wishon. This project may possibly become another unit in Kings River Water Storage Dist.

EL CENTRO, Cal. — Anglo-London Paris Bank, San Francisco, and First Securities Co. have purchased Imperial Irrig. bonds amounting to \$500,000, voted for const. of drainage facilities.

MANTECA, San Joaquin Co., Cal.—Until Nov. 11, 11 a. m. bids will be rec. by S. L. Steele, sec'y., South San Joaquin Irrigation District, to furnish 5,000-ton, more or less, of concrete mix, largest aggregate not to exceed ¾-in. bids to be f. o. b. cars Manteca, Weston and Ripon on S. P. or Tidewater Southern Rwy. Cert. check 10% payable to sec'y. req. Further information obtainable from sec'y.

LIGHTING SYSTEMS

LONG BEACH, Cal.—Jensen Elec. Co. 114 W 7th St., Long Beach, low bidder at \$9900 for ornam. lighting sys. on Ocean Blvd., bet. 39th St. and Terminal Ave. and portions of Aliso St., Terminal Ave., Midway and other sts. 1911 act. Other bids: N. M. Beard, \$10,500; Kuster-Wetzel Elec. Co., \$10,600; Walker & Martin, \$11,139; Fritz Ziebarth, \$12,687; Robertson Elec. Co., \$12,337; H. H. Walker, \$13,224; R. A. Watsson, \$14,757.

LOS ANGELES, Cal. — Council declares intent to install ornam. light sys. in Figueroa St. bet. 11th and West Adams Sts.; 120 pressed steel posts; 1911 act.

ALHAMBRA, Cal.—City trustees declare intent to install ornam. light sys. in Main St., bet. east and west city limits; 1911 act. R. B. Wallace, city clk.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 27, bids will be rec. by bd. pub. wks. for ornam. light sys. (342 press. steel posts) in Sunset Blvd., bet. Hollywood Blvd. and Vista St.; 1911 act.

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SOUTH PASADENA, Cal.—City engineers declare intent, to install ornamental light sys. under 1911 act in:
Bonita Dr., bet. Meridian Ave. and Gillette Crescent; 14 conc. posts.
Orange Grove Ave., bet. Mission St. and Sterling Pl.; 20 conc. posts.
Mission St. and Pasadena Ave., bet. Prospeca Ave. and west city limits; 94 conc. posts.
Mission St., bet. Fair Oaks Ave. and city limits; 24 conc. posts.

BERKELEY, Alameda Co., Cal.—Petition being circulated seeking installation of street lighting sys. in Shattuck Ave., bet. University and Durant Aves. Berkeley Downtown Ass'n is interested. Proposed to install standards 15 ft. high, placed at intervals of 75 or 100 ft. with 2 lights to each standard. City Electrical Eng. Ray is preparing preliminary specifications.

LOS ANGELES, Cal.—C. W. Sparks, 457 S. Lake St., submits low bid to bd. pub. wks. at \$102,188 for light sys. in Flower St., bet. 3rd and Washington Sts. (162 posts). Other bids: J. C. Perry, \$103,328; Newberry Elec. Corp., \$102,782; H. H. Walker, \$104,167; R. A. Wattson, \$106,844; A. C. Rice, \$107,912; J. C. Rendler, Inc., \$111,222; Wilshire Elec. Co., \$114,262.
James C. Perry, 3570 Percy St., low at \$16,830 for light sys. in 7th St., bet. Hoover St. and Vermont Ave. (41 press. steel posts). Other bids: J. C. Rendler, Inc., \$18,707; H. H. Walker, \$19,796; Wilshire Elec. Corp., \$20,429; Wilshire Elec. Co., \$20,839; R. A. Wattson, \$21,390; C. W. Sparks, \$21,923; A. C. Rice, \$22,412.

OAKLAND, Cal.—City Electrician C. E. Hardy preparing spec. for downtown street lighting system; est. cost \$225,000.

LOS ANGELES, Cal.—R. A. Wattson, 4928 Melrose Hill, submitted low bid at \$11,656 to bd. Pub. Wks. for ornamental light sys. in La Brea Ave., bet. Wilshire Blvd. and Country Club Dr. Other bids: Newberry Elec. Corp., \$11,838; H. H. Walker, \$12,109; Jas. C. Perry, \$12,734; Wilshire Elec. Co., \$12,917; Fritz Zirbhart, \$13,190.

CULVER CITY, Cal.—Until 8 p. m., Nov. 10, bids will be rec. for light sys. in following sts.:

Van Buren Pl., Irving Pl., La Fayette Pl., Braddock Dr., Farragut Dr., and Lucerne Ave. and in Washington Blvd. Adams St., Putnam Ave. Cert. check or bond 10%. Nellie Brown Haus, city clk.

ALAMEDA, Alameda Co., Cal.—Petitions will be circulated seeking installation of electrolator system in Park St. J. B. Kahn, Supt. of Municipal Lighting Plant, estimates cost at \$32 per standard.

REDLANDS, Cal.—City trustees take bids at once to install ornamental light sys. in Highland Ave., bet. Cajon St. and Cedar Ave.

MACHINERY & EQUIPMENT

RENO, Nevada—Until Oct. 27, 12 M. bids will be rec. by E. H. Beemer, county clerk, to fur. one high speed screw side truck, not over 1-ton capacity. Further information obtainable from clerk.

LOS ANGELES, Cal.—Willard E. Shepherd, representing Holt Tractor Co., awarded cont. by pub. serv. comm. Oct. 17, at \$4940 f. o. b. Los Angeles, for caterpillar tractor backfilling machine; Spec. 731-A.

LOS ANGELES, Cal.—Baker Iron Wks., 912 N Broadway, awarded cont. at \$6481 for special 5-ton electric traveling crane at city garbage loading station.

JEROME, Ariz.—Active development of Verde Jerome property will start within a month. Plans call for complete machinery plant and sinking 1000-ft. shaft.

AUBURN, Placer Co., Cal.—County supervisors' Legislative committee authorized to purchase grader for road improvements in his district.

RAILROADS

SAN FRANCISCO, Cal.—Southern Pacific Co., 65 Market St., has rec. authority from Interstate Commerce Commission at Washington to acquire control by lease of Arizona Eastern R. R. Co. and Phoenix & Eastern R. R. Co. properties, involve 332 miles of railway. Program calls for eventual constr. of 50 miles track connecting S. P. Ry. main line bet. point 43 miles w. of Tucson and Chandler. From Chandler existing A. E. Ry. will be improved distance of 63 miles through Phoenix to Hassayampa from where 115 miles of new track will be built to Dome, e. of Yuma. Work will start about Jan. 1.

STOCKTON, San Joaquin Co., Cal.—Stockton Electric Railway will constr. ½-mi. double track extension of line running to College of the Pacific; est. cost \$40,000.

PHOENIX, Ariz.—Const. on main line of So. Pac. Ry. through Phoenix and Salt River valley will start about January 1.

FIRE ALARM SYSTEMS

PITTSBURG, Contra Costa Co., Cal.—Gamewell Co., San Francisco, at \$1561 submits only bid to city council to install additional fire alarm boxes. Taken under advisement.

DINUBA, Tulare Co., Cal.—Until Oct. 27, 8 p. m. bids will be rec. by C. T. Reagan, city clerk, to fur. (1) one 3-phase, 60-cycle, 220-volt five h. p. double bell siren; (2) one automatic control with motor mounted in steel cabinet; (3) one automatic cut-out switch. Bids to be r. o. b. Dinuba. Cert. check 10% payable to city req. Further information obtainable from clerk.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked at once by city council, to be opened Nov. 10, to install Police and fire alarm systems. A. L. Banks is city clerk and W. B. Hogan, city engineer.

LOS ANGELES, Cal.—City Purchasing Agent authorized to advertise for bids for traffic signals for 100 st. intersections. Bids will be taken on several approved types.

OAKLAND, Cal.—City Council plans installation of auto traffic signal system; est. cost \$30,000. Carl E. Hardy, city electrician, will prepare specifications.

FIRE EQUIPMENT

ABERDEEN, Wash.—Until Oct. 22, 5 P. M., bids will be rec. by Nelle Thrift, City Clerk, to fur. 3000 ft. 2½-in. double jacket fire hose, couplings to weight not less than 6¼ lbs. Cert. check 5% req. with bid.

INGLEWOOD, Cal.—American Rubber Co. awarded cont. at \$1916 for 1700 ft. 2½-in. fire hose at \$1 ft., and about 300 ft. 1½-in. hose at 72c ft.

PIPE LINES, WELLS, ETC.

TRAVIS, San Joaquin Co., Cal.—San Irrigation Projects, this issue. Bids wanted to install 4150 lin. ft. 48-in. pipe.

MONTEREY PARK, Cal.—Until 8 P. M., Oct. 27, bids will be rec. by city trustees for 2500 ft. 4-in. Class "B" cast iron pipe, 14-in. dia. at 31c per lb. of Olsstead & Gilden, engineers, 1112 Hollingsworth Bldg., Los Angeles. Cert. check 10% req. with bid.

LOS ANGELES, Cal.—Los Angeles Midway Pipe Line Co. (Doheny interests) has applied for franchise to construct 3 8-in. pipe lines through city involv. expenditure of several million dollars.

OXNARD, Cal.—Western Pipe and Steel Co. awarded cont. by American Beet Sugar Co. to fur. casing for wells being drilled. Casing is 16-in. and totals about 200 tons.

SEWAGE DISPOSAL PLANTS

HEALINGTON, El Paso Co., Cal.—City of Healington has set \$25,000 for sewage disposal plant to be built by B. B. Bingham, City Engineer.

LAKEPORT, Lake Co., Cal.—State Board of Health notifies city trustees to submit plans and specifications within 90 days for an approved sewage disposal plant to prevent pollution of shore of Clear Lake in vicinity of the town and to complete such works before May 1, 1932.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Board of Supervisors has appropriated \$393,163 from depreciation fund of Municipal Railway, to assist in defraying cost of Eureka Valley-Mission-Sunset tunnel through Mount Olympus. Under the scheme for construction of the tunnel the city is to pay one-half of the cost and the other half is to be raised by assessment of property owners in the district about the tunnel. In addition to the \$393,163, the city will provide \$1,400,000 additional as its share of the cost in the project. M. M. O'Shaughnessy, city engineer.

WATER WORKS

EL CENTRO, Cal.—Until 7:30 p. m., Nov. 5, bids will be rec. by city trustees to fur. valves, fittings, and pipe (Item No. 6 of Schedule "B"). Plans and spec. upon deposit \$10. Cert. chk. 5%. J. S. Loofbourou, city clerk.

HENET, Cal.—Council is considering bids from two engineers for complete survey of water system and appraisal of present water company's system. F. W. Stanton, city eng.

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PLAYGROUNDS AND PARKS
HUNTINGTON BEACH, Cal.—City with bond Oct. 28 for \$20,000 to finance public park improvements. E. M. Hollings, city engr.

LAKEPORT, Lake Co., Cal.—Trustees of Lakeport Union School District have passed funds to purchase playground apparatus.

YREKA, Siskiyou Co., Cal.—Dec. 2 is date set by city trustees to vote bonds of \$56,000 to finance construction of water system.

GLOBE, Ariz.—City clerk instructed to advertise for bids for 2-in., 4-in., and 6-in. mains in Oak St., bet. Broad and Hill Sts., and portions of Ash St. (replacements). Engrs. est. \$9600.

WHITTIER, Cal.—Until 7:30 p. m. Nov. 10, bids will be rec. for one horizontal centrifugal pump, with 220-volt, 3-phase induction motor, f. o. b. Whittier. Cert. check or bond 10%. Paul Gilmore, city clerk.

SAN DIEGO, Cal.—Walter Hasendahl 1213 Fuller St., Los Angeles, low bidder at \$2910 to fur. 2 centrifugal Dayton powder pumps with 125 h.p. Lincoln electric motors, to be installed at new standpipe on University Hts.

PLAYGROUNDS AND PARKS

HUNTINGTON BEACH, Cal.—City with bond Oct. 28 for \$20,000 to finance public park improvements. E. M. Hollings, city engr.

ONTARIO, Cal.—Council authorizes planting, etc., on 40-ac. tract on East Fourth St. for city park.

LAKEPORT, Lake Co., Cal.—Trustees of Lakeport Union School District have passed funds to purchase playground apparatus.

SEWERS & STREET WORK

WATTS, Cal.—City trustees declare intent to pave Lark St., bet. Fern St. and Santa Anita Blvd., and portions of other sts.: 5-in. conc. pav., curbs, walks etc.; 1911 and 1915 acts. Sarah A. Smith clerk.

BAKERSFIELD, Kern Co., Cal.—Council, V. Van Riper, city clerk, declares intent. (No. 501) to imp. portions of N. 14th, 13th sts., involv. grading; cement, conc. curbs and walks; surface with oil and sand. 1911 Act. Protests Nov. 3. (Imp. St. Dist. No. 501). W. D. Clarke, city eng.

ALHAMBRA, Cal.—Cox & Teget, 615 N. Olive, Alhambra, low bidder at \$92,816.63 to construct city sewer laterals, involv. 48,136.87 ft. 8-in. vit. sewer 98c ft.; 1738 8x4-in. wyes 75c; 151 manholes \$80 ea.; 2 drop manholes \$100 ea.; 7 flush tanks \$125 ea.; 1059 hse. con. of 4-in. soil pipe, \$26 ea.

LOS ANGELES, Cal.—See "Miscellaneous Building Construction," this issue. Bids wanted for sewer materials.

OAKLAND, Cal.—City Eng. W. W. Harmon instructed to prepare spec. to imp. 82nd Ave., bet. Almond and B Sts.

SAN RAFAEL, Marin Co., Cal.—City council rejects bids to imp. Maple St., bet. Lincoln Ave. and McCreia Ave. and McCreia Ave. for its entire length, involv. 4-in. asph. conc. pave; conc. curbs and gutters; 2 conc. and corr. iron culverts; 2 catchbasins; 6-in. ironstone sewer; 19 4-in. ironstone house sewers; 1 br. manhole. New bids will be asked which will include imp. of Stevens Place.

HERMOSA BEACH, Cal.—Ed. Johnson & Sons, 4183 S. Normandie Ave., Los Angeles, alleging faulty proceedings refuse to sign contract with city trustees to pave Prospect Ave., bet. Pier Ave. and city limits, involv. 6890 ft. A curb 70c ft., 10,733 ft. B curb 70c ft.; 6-in. conc. pav. 33c sq. ft.; 5-in. conc. pav. 32c sq. ft.; 5-in. conc. pav. 32c sq. ft. New proceedings will probably be started.

MAYFIELD, Santa Clara Co., Cal.—Town trustees petitioned to pave Stanford Ave. from state highway to termination of ave. back of the University

HOLLISTER, San Joaquin Co., Cal.—Spec. issued to accept bids to imp. portions of Pinnacles Rd. in Supervisor Dist. 5, involv. 4800 yds. grading and work will be done by contract. David R. Johnson, Hollister, submitted low bid at \$10,000 per cu. yd.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E. 58th St., awarded cont. by Bd. Pub. Wks. at \$35,258 to pave Menlo Ave., bet. Exposition Blvd. and Santa Barbara Ave., with asph. conc. and various types bitum. base pav.

OAKLAND, Cal.—Council approves spec. to pave W. 14th St. extension to west waterfront replacing old trestle; est. cost \$70,000 of which city will pay \$25,000, the balance by property owners. W. W. Harmon, city eng.

CORONADO, Cal.—City trustees plan to pave 18 alleys in one proceeding instead of single jobs as other work heretofore.

LAKEPORT, Lake Co., Cal.—Committee appointed by city trustees and property owners have submitted report for extensive paving program, recommending 3½-in. asph. conc. base with 1½-in. asph. conc. surface, the work to be done under the 1911 Act. Recommendation is made that proceedings be started at once.

SANTA ROSA, Sonoma Co., Cal.—F. C. McIntyre, Mill Valley, at \$49 cu. yd. awarded cont. by supervisors to grade Sec. C of Santa Rosa-Guerneville Rd., involv. 26,000 cu. yds. excavation and 57 cu. yds. class A conc. in culverts.

HUNTINGTON BEACH, Cal.—City will build out for storm drains and construction of storm drains. E. M. Billings, City Engineer.

LOS ANGELES, Cal.—See "Miscellaneous Building Construction," this issue. Wm. Moring, 232 W. Vine St., Stockton, at \$33,592 awarded cont. by council to imp. streets in Merryvale Tract, involv. 308 cu. yds. fill, \$35; 7641 lin. ft. curb and gutter, \$1.50; 100 cu. yds. concrete, \$1.50.

PITTSBURGH, Contra Costa Co., Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, at \$1000 awarded cont. by city trustees to imp. Railroad Ave. from A. T. & S. F. Bldg. to south city limits, involv. paving with 1½-in. or 2-in. asph. conc. wearing surface.

OAKLAND, Cal.—Until Oct. 30, 11:30 a. m., bids will be rec. by E. K. Sturges, city clerk, to imp. Florida St., bet. Maple and Laurel Aves., involv. grading and paving with oil macadam; construct concrete curbs, gutters and walks; 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk. W. W. Harmon, city eng.

SAN BERNARDINO & RIVERSIDE COUNTIES, Calif.—As previously reported, bids will be rec. by State Highway Commission, R. M. Morton, engineer, on Nov. 3, to pave with Port. cem. conc. 7½-mi. in San Bernardino and Riverside counties, bet. ¼-mi. north of S. B. Co. line and Beaumont. Project involv. 3000 cu. yds. roadway excavation without classification; 500 cu. yds. structure excavation without classification; 36,130 lin. ft. subgrade (preparing and shaping); 15,050 cu. yds. class "A" cem. conc. (pavement); 430 cu. yds. class "A" cem. conc. (curbs, gutters and aprons); 100 cu. yds. class "A" and conc. (structures); 400 cwt bar reinforcement in place (structures); 1200 sq. yds. reinforcing steel in place (pavement); 306 lin. ft. 18-in., 192 lin. ft. 24-in., and 20 lin. ft. 30-in. corr. metal pipe; 550 lin. ft. corr. metal pipe (clean and relay). Comm. will fur. corr. metal pipe.

SAN LEANDRO, Alameda Co., Cal.—Until Nov. 1, 1 p. m., bids will be rec. by N. P. Nielsen, clerk, Hayward Union High School District, to grade and pave with 3½-in. asph. conc. base with 1½-in. asph. surface to pave ¼ of Soto St., fronting John Gamble school bet. A and B Sts. Deposit of \$25 required for plans obtainable from Jesse B. Holly, engineer, 2510 Telegraph Ave., Oakland. Cert. check 10% payable to clerk with bid.

LOS ANGELES, Cal.—James Martin, 789 Lyon St., at \$71,568 awarded cont. by supervisors to pave Figueroa St. entrance to Coliseum at Exposition Park, with cem. conc.; walk, curb, and gut.

Pioneer Transfer Co. of Calexico awarded cont. by supervisors at \$25,417 to pave Garvey Ave., bet. Monterey Pass Rd. and Monterey Park city limits, 3672 lin. ft. or 7 mi., with cem. conc., mac., culv., etc.
DeWitt & Morine, 1311 W. 53rd St. awarded cont. at \$40,954 for genl. const. of roadways and culverts at Olive View Sanitarium, near Sylmar.

ANTIOCH, Contra Costa Co., Cal.—Property owners in 6th St. bet. K and L Sts. proposed to have street paved by private contract. Sewers will also be installed.

BURBANK, Cal.—Hugh Cornwell, 120 S. Glendale Ave., Glendale, awarded cont. at \$13,562 to imp. sts. in Tr. 7451 and at \$12,443.05 for imp. sts. in Tr. No. 7614.

W. P. Curren, 221-A W. Broadway, Glendale awarded cont. at \$64,960 to pave Victory Blvd., from Sparks Pl. to S.W. city limits, about 2 mi., involv. 6-in. conc. pav.

ARCADIA, Cal.—Until 8 p. m., Nov. 5 bids will be rec. by city trustees to imp. Haven L. P. Rte., Alta Bonita, California, Eldorado, Fano and other sts., involv. grading, cement mac. pav., curb, and conc. pav. Bids will be rec. on each individual st., except Eldorado and Fano which will be considered as one st. Cert. check or bond 10%. G. G. Mcade, city clerk.

HAMPTON

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HUNTINGTON BEACH, Cal.—Until 4:30 p. m. Nov. 3, bids will be rec. by city trustees to imp. 38th St., bet. The Strand and Highland Ave., involv. "A" curbs, 5-ft. walks, ornam. light. sys., etc. (cont. pay. 1911 act). **Edwards Price**, city clerk. **L. C. Lull**, care Engineering Service Co., Washington Bldg., Los Angeles, city engineer.

SACRAMENTO, Cal.—Superior's project led of E. E. Hilliard, Sacramento, to pave strip of Old Marysville road; bid was \$136 lin. ft. as compared with estimate, \$145 lin. ft. of County Eng. Chas. Deterding, Jr. Work will be done by day labor. Graveling, by day labor, of Sheldon-Wilton road also authorized.

SAN ANSELMO, Marin Co., Cal.—A. G. Rasch, 46 Kearny St., San Francisco, at \$36,249 submitted low bid to town trustees to imp. Greenfield Ave., involv. 3500 cu. yds. excavation; 31,000 sq. ft. grading surface; 5000 lin. ft. conc. curb and gutter; 50 lin. ft. 36-in., 60 lin. ft. 18-in., 120 lin. ft. 12-in. corrug. pipe culvert, 6 catchbasins, 91,000 cu. ft. asphaltic conc. pavement; 400 cu. ft. conc. in headwalls and culvert junctions. Pacific States Const. Co., San Francisco, only other bidder at \$37,283.

SAN DIEGO, Cal.—Geo. R. Daley 4433 Broadway St., San Diego, submitted low bid to supervisors at \$35,819.65 for re-const. of portion of re-location of county highway commission route 10, div. 2, known as the Tia Juana Rd. All bids rejected.

SAN ANSELMO, Marin Co., Cal.—Pacific States Const. Co., Call Bldg., San Francisco, at \$5740 awarded cont. by town trustees to imp. portions of Hillside Ave., involv. 19,300 sq. ft. grading surface; 19,300 sq. ft. 5-in. conc. pavement, 14-ft. wide.

LOS ANGELES, Cal.—Geo. J. Boek, 1250 S. Gramercy, submits low bid to bid. pub. wks. to imp. Altamont St., bet. 445 ft. n.e. of Del Rio Ave. and Isabel St., involv. grade at \$9000, 65,906 sq. ft. conc. pave 21c, 210 ft. curb 66c, 18,467 sq. ft. walk 20c, conc. culv. \$75, san. sew. \$8200, 1576 sq. ft. remod. 10c and conc. end walls 125c.

Geo. H. Oswald, 366 E 58th St., low to imp. Preuss Rd., bet. Clifton Way and Arnaz Ave., involv. grade at \$18,000, 574,630 sq. ft. conc. 23c, 162,276 sq. ft. oil and roll 5c, 616 ft. curb 60c, 7269 lin. ft. hse. con. \$1.

MANHATTAN BEACH, Cal.—Until 8 p. m. Nov. 6, bids will be rec. by city trustees to imp. 38th St., bet. The Strand and Highland Ave., involv. "A" curbs, 5-ft. walks, ornam. light. sys., etc. (cont. pay. 1911 act). **Edwards Price**, city clerk. **L. C. Lull**, care Engineering Service Co., Washington Bldg., Los Angeles, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Road district will be formed to finance Petaluma and Vineburg highways. Work to be done under Ed. 1911 Act. of 1907. E. A. Pugh, county surveyor.

LOS ANGELES, Cal.—Bids rec. by bid Pub. Wks. to imp. San Pedro St., bet. 28th Ave. and 61st St., involv. 722-261 sq. ft. conc. pave, 1662 ft. curb, 3900 sq. ft. walk, 1200 sq. ft. remod. oiled surface, were:

Baker & Vigus—\$2000 grade, 20.7c pav., 70c curb, 18c walk, 10c remod.
Basich Bros.—\$1800 grade, 19c pav., 75c curb, 17c walk, 8c remod.
Griffith Co.—\$2700 grade, 19.5c pav., 65c curb, 20c walk, 10c remod.
Wm. Liddington—\$1850 grade, 18c pav., 60c curb, 17c walk, 10c remod.
Martin & Marks—\$2500 grade, 23c pav., 55c curb, 19c walk, 14c remod.
Geo. H. Oswald—\$2177 grade, 18c pav., 65c curb, 18c walk, 6c remod.
R. K. Smith—\$3000 grade, 24c pav., 65c curb, 21c walk, 10c remod.

SAN FRANCISCO—H. T. Guerin, 3528 21st St., at \$23,641.61, submitted low bid to Bd. Pub. Wks. to const. road from Municipal Golf Links at Lake Merced to Skyline Blvd. Other bids were:

Blumenkranz & Vernon \$24,760
T. M. Olney 25,108
J. P. Holland 26,133
A. J. Grier 26,672
James R. McElroy 29,007
Granfield Co. 33,543

LYNNWOOD, Cal.—Until 8 p. m. Nov. 5, bids will be rec. by city trustees to imp. Osgood St. and Anderson Aves., involv. 7400 sq. ft. gut., 66,630 sq. ft. grading, 66,630 sq. ft. 4-in. oil mac. 1911 act and 1915 bond act. **Edw. M. Lynch**, Central Bldg., Los Angeles, city engr. **Fred Welch**, city clerk.

WOODLAND, Yolo Co., Cal.—City trustees contemplate construction of storm sewer system. **Asa G. Proctor**, city engineer.

SAN DIEGO, Cal.—David H. Ryan, 114 6th St., was low bidder at \$18,461 to pave Goldfinch St., Reynard Way, and State St., involv. 40333 sq. ft. 4-in. conc. pave with 2-in. asph. conc. wearing surface 25c ft.; 136,517 sq. ft. 4-in. conc. pave, 24c ft., 2148 ft. curb 76c ft., 1783 ft. walk 25c ft., 1211.27 sq. ft. conc. cut, \$150 ft., 473 ft. sewer laterals \$40 ea., 5 6-in. conc. sewer laterals \$40 ea., one 4-in. conc. sewer lateral \$40 ea. in collection \$472.00.

OAKLAND, Cal.—Heafey, Moore and McNair, 2030 High St., Oakland, awarded cont. by council to imp. Shattuck Ave., bet. Telegraph Ave. and north city limits, involv. grading, \$1.076 sq. ft.; conc. curb with steel guard, \$1.35; reset granite curb, \$1.50 lin. ft.; conc. gutter \$1.32 sq. ft.; 2-in. Warrentite-Bit surface on 6-in. conc. conc. base pavement, \$3.09 sq. ft.; 8x22-in. corrug. iron and conc. culvert, \$5.50 lin. ft.; 8x24-in. do. \$5 lin. ft.; storm water inlets, \$85 each.

LOS ANGELES, Cal.—Griffith Co. 502 L. A. Ry. Bldg. awarded cont. at \$10,474.12 to pave 78th Ave., bet. San Pedro and Main Sts., involv. conc. and Warrentite-bitul. pav., curb, walk, gut. Griffith Co. awarded cont. at \$13,889 to pave 10th St., bet. Pacific Ave. and Gaffey St. with asph.

CLAREMONT, Cal.—Until 8 p. m. Nov. 6, bids will be rec. for let. and distrib. sewer pipe as follows: 8500 ft. 4-in., 37,500 ft. 8-in., 4400 ft. 10-in., 8700 ft. 12-in. vit. or cem. conc. pipe. Cert. check or bond 10%. **O. A. Gierlich**, First Natl. Bank Bldg., Monrovia; **J. D. Johnson**, city clerk.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. Montana St., bet. Maple and Laurel Sts., involv. grading, \$0.0175 sq. ft.; conc. curb, \$7.0 lin. ft.; conc. gutter, \$2.5 sq. ft.; oil macadam pave, \$1.1 sq. ft.; cem. walks, \$1.6 sq. ft.; 3x ft. 6-in. conc. culvert, \$6.25 lin. ft.; 10-in. pipe condit., \$1.50 lin. ft.; conc. end wall, \$4.5 cu. ft.; storm water inlets, \$40 ea.; handholes, \$12 each.

SAN DIEGO, Cal.—Until 10:30 a. m. Nov. 3, bids will be rec. to imp. Market St.: 6975.4 cu. yds. earth embank. 36 ft. curb, 118 ft. 12-in., 105 ft. 18-in., 101 ft. 24-in. 1-ft. 30-in. d. s. conc. pipe, 8 catchbasins; 1911 act. **F. A. Rhodes**, city engr.

SANTA ANA, Cal.—Until 11 a. m. Nov. 12, bids will be rec. by city trustees for sewer mains, involv. 2160 ft. 8-in. pipe, 3 manholes. Plans on paymt. \$5. **J. M. Backs**, clerk, **J. L. McBride**, county engineer.

SAN DIEGO, Cal.—Until 10:30 a. m. Oct. 27, bids will be rec. to imp. Thorn Ave., bet. 30th and Gregory Sts.: 96,882.9 sq. ft. 1½-in. asph. conc. pav. on 4-in. conc. base, 5820.53 sq. ft. cem. walks, 1795.59 ft. conc. curb, 3 curb inlets of 12-in. d. s. conc. pipe; 1911 act. **F. A. Rhodes**, city engineer.

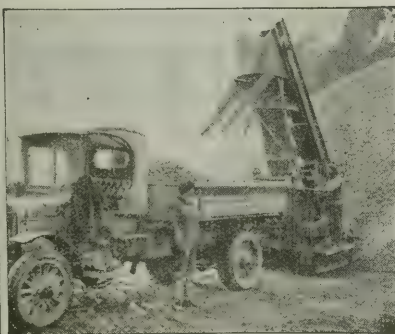
WOODLAND, Yolo Co., Cal.—City trustees contemplate early paving of Fifth street south of the city limits. **Asa G. Proctor**, city engineer.

STOCKTON, San Joaquin Co., Cal.—City council, **A. L. Banks**, clerk, declares inten. (No. 750) to imp. portions of Lincoln Ave., involv. grading; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. cementing gravel base 2½-in. asph. conc. base and 2-in. asph. conc. wearing surface. 1911 Act and Bond Act 1915. Protests Nov. 3. **W. B. Hogan**, city engr.

OAKLAND, Cal.—Until Oct. 30, 11:30 a. m., bids will be rec. by **E. K. Sturgis**, city clerk, to const. sewer with manholes, lampholes and wye branches in portions of Walnut Ave., etc. 1911 Act. Cert. check 10% payable to city reg. with bid. Plans in office of clerk. **W. W. Harmon**, city engr.

WALNUT CREEK, Contra Costa Co., Cal.—**T. E. Clinch**, Richmond, at approx \$8500 awarded cont. by city trustees to const. sewers in various sts., 8-in. pipe, \$90; 6-in. pipe, \$68; manholes, \$58 ea.; lampholes, \$18 ea.

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LOS ANGELES, Cal.—Chadwick and Ford, 352 H. W. Hoffman Bldg., awarded cont. at \$139,011 to pave Woodson Blvd., bet. 3rd and 8th Sts., involving curb, conc. and bitum. base pav., curbs, walks, etc. Eng'r's est. \$151,302.46.

OAKLAND, Cal.—Thos. Geary, Oakland, awarded cont. by council to const. sewer in portions of Calaveras, Davenport Aves., etc., involv. 8-in. sewer, 32.97 lin. ft.; manholes, \$115 ea.; lamp-cuts, conc. and bitum. base pav., curbs, walks, etc. Eng'r's est. \$151,302.46.

OAKLAND, Cal.—City council, E. K. Sturges, clerk, declares inten. to imp. 14th St. westerly from Wood St., involve grading and pave with conc., reinforced with steel bars and macadam shoulders; oiled surface. 1911 Act. Protests Nov. 6. W. W. Harmon, city eng.

SACRAMENTO, Cal.—E. F. Hilliard, Sacramento, at \$186 lin. ft. submits lone bid to supervisors to pave Old Marysville road. Taken under advisement.

SANTA MONICA, Cal.—Council declares inten. to imp. under 1911 act: 9th St., bet. Towner Terr. and Michigan Ave. and portions of 10th and other sts. oil and rock pav., 1½-in. Warrenite-Bit. on ½-in. asph. conc. curb, walks.

15th St., bet. Pennsylvania and Mexican Aves.; oil and rock pav. walks.

4th Ct., bet. blk. 1, Hill Crest Tr. and Hill St., and portions of Hill Ct., 6th St., and 5th Ct.; 1½-in. Warrenite-Bit. pav. on ½-in. asph. conc. base; manholes, headers, 6-in. vit. sewer.

25th St., bet. Santa Monica & Broadway; 4-in. asph. conc. pav.; curbs, walks

SAN JOSE, Santa Clara Co., Cal.—Ray H. Crummeys, San Jose, awarded cont. by council to imp. Hawthorne Way, bet. San Pedro and Guadalupe Sts., involv. grading and paving with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs and gutters; 1 cfm. catch-inlet; 8-in. vit. pipe bet. catch-inlet basin; 10-in. cem. conc. pipe storm drain.

LOS ANGELES, Cal.—Geo. W. Kemper, P. O. Box 223, Venice, sub. low bid at \$125,163 to bd. pub. wks. to improve Spence St., bet. Hollenbeck Ave. and 25th St., involv. grade at \$23,000, 63,266 sq. ft. conc. pave, 200, 325,587 sq. ft. oil and roll co. 23,584 ft. curb 60c, 116,837 sq. ft. walk 18c, 47,200 sq. ft. gut. 25c, san. sew. \$22,990.

SANTA BARBARA, Cal.—C. T. Richardson, Santa Barbara, awarded cont. to pave high school grounds. A. L. Pendola bid \$13,995.

MISCELLANEOUS BUILDING CONSTRUCTION

(Continued from Page 21)

Contract Awarded Cont. \$13,350
TILE RIDGE, Oakland, Cal., E. O. Lively, 30 S. Ridge-way.
Hollow tile building, 82x100.
Owner—Martha L. Kaufman, Berkeley.

Architect—C. C. Dakin, 2691 Pine Ave., Berkeley.
Contractor—Harris E. Robertson, 2460 11th Broadway, Oakland.

STOCKTON, San Joaquin Co., Cal.—California Navigation & Improvement Co., Pier 3, San Francisco, is completing negotiations for purchase of block of land on Banner Island where it proposes to establish a shipyard. Approximately \$100,000 will be expended in construction.

MANTECA, San Joaquin Co., Cal. — Until Nov. 11, 11 a. m. bids will be rec. by S. L. Steele, sec'y., South San Joaquin Irrigation District, to furnish 5,000-ton, more or less, of concrete mix, largest aggregate not to exceed ¾-in. bids to be f. o. b. cars Manteca, Weston and Ripon on S. P. or Tidewater Southern Rlwy. Cert. check 10% payable to sec'y. req. Further information obtainable from sec'y.

SAN BERNARDINO, San Bernardino Co., Cal.—J. J. McKee, Box 139, San Diego, has been awarded a contract for add. to shop bldgs. at Santa Fe yards, San Bernardino, for the Santa Fe Ry. Reinf. corner and steel frame, add. to shop bldg. 164x173 ft., high, add. to battery ice cooling shop bldg. 51x90 ft., high, comp. rfg., steel sash, skylights, concr. fls., wire glass, hoists.

MERCED, Merced Co., Cal. — Until Nov. 18, 1 p. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, Bancroft Bldg., Merced, to const. concrete abutments and piers; designing, fabrication and erection of steel superstructure; and placing of timber floors for five steel bridges on the relocation line of the Yosemite Valley R.R. betw. Merced Falls, Merced County and Detweiler, Mariposa county. The estimated quantities of materials are:

Schedule A—unclassified excavation; 27,820 cu. yds. mixing and placing conc. 22,625 lbs. fur. and place reinforcement.

Schedule B—design, furnish and fabricate approx. 7,207,100 lbs. steel work.

Schedule C—erect 7,200,000 lbs. steel work and place timber floors.

Bids will be considered for the work covered in any or all of the Schedules

for any or all bridges. R. V. Melkle, ch. eng. for dist. Copies of specifications obtainable from secy. on deposit of \$2.50 refundable. See call for bids under official proposal section in this issue.

LOS ANGELES, Los Angeles Co., Cal. —Santa Monica Exposition, Inc., E. W. McDonnell, engineer, 640 S. Oxford Ave., has filed application with state corp. dept. for permission to sell stock on corner site near Lincoln Park.

LOS ANGELES, Cal.—Until 10 a. m. Oct. 29, bids will be rec. by bd. of pub. wks. for materials for Sections 17, 18 and 19, North Outfall Sewer, as follows:

Sand, involv. a max. of 5000 tons and a min. of 2000 tons.

Pre-cast conc. pipe, with vit. clay blk. lining, involv. max. (a) 4876 ft. 2-ft. 6-in., (b) 6637 ft. 2-ft. 9-in., (c) 3141 ft. 3-ft., (d) 4086 ft. 3-ft. 9-in.; min. (a) 1185 ft. 2-ft. 6-in., (b) 1991 ft. 2-ft. 9-in., (c) 3141 ft. 3-ft., (d) 4086 ft. 3-ft. 9-in.

Common sewer brick; max. of 1200 M and min. of 70 M.

Crushed rock or screened gravel; max. 6700 tons and min. 2500 tons. Vit. clay lining blks., max. of 158,000 lin. ft. of blk., with a min. of 36,000 lin. ft. (quant. dependent on type of constr. selected).

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8656—Salt Lake City, Utah. Manufacturer of precision balances and weights wishes to purchase French or Belgian picture glass.

8663—Tilly, Belgium. Producer of refined naphthalene in bars, powder and crystals, also sulphate of copper and iron, desires to appoint an exclusive agent in this territory.

D-1339—Monrovia, Cal. Manufacturers of patented, refillable brooms desire sales connection with specialty jobbers dealing with the grocery and hardware trade.

D-1390—Chico, Cal. Owner of planing mill and cabinet shop wants partner with investment of \$8000 to \$10,000; or will sell; or act as agent for San Francisco wholesale lumber house.

D-1393—Chicago. Manufacturers of a radio loud speaker wish to get in touch with broker or manufacturers' agent to handle their product.

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Name

Street and No.

City State

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4341	Elliot	Strand	8000
4342	Nelson	Owens	4000
4343	Varney	Owner	4000
4344	Miller	Peters	3286
4345	Parkside	Owner	4000
4346	Crane Rdms	Owner	3300
4347	Stead	McInt	2000
4348	Gambra	McInt	5000
4349	Anderson	McInt	2000
4350	Burrato	Farnocchia	5400
4351	Dondro	Harder	6000
4352	Welsh	Hansen	3500
4353	Spitaleri	Wander	9000
4354	Nolan	Owner	13500
4355	Castagnola	Faccia	8000
4356	Little	Little	9000
4357	Schwabacher	Owner	12500
4358	McCullough	Owner	15000
4359	Heyman	Owner	20000
4360	Greenbach	Owner	55000
4361	di Grazia	Cooperative	10541
4362	Myers	Owner	2000
4363	McDonough	Owner	3000
4364	Little	Owner	8000
4365	Blumhagen	Owner	4000
4366	Filippo	Filippo	4000
4367	Santich	Santich	3000
4368	Jorgensen	Owner	3000
4369	Wade	Owner	1000
4370	Isacson	Owner	3000
4371	Ginsburg	McDonough	2800
4372	Westgate	Mangels	9973
4373	Brooke	Polsky	3222
4374	Brooke	Snook	3424
4375	Carretti	Ferroni	11000
4376	Roman	McCarthy	22722
4377	Strauss	Dixon	11458
4378	Riordan	Zane	19600
4379	Waters	Dixon	11458
4380	DeBorham	Stephenson	13100
4381	Bjorkman	Owner	9000
4382	Anderson	Martin	2000
4383	Hueter	Boxton	28000
4384	Lager	Owner	25000
4385	Trefts	Ingraham	13000
4386	Guyna	Meyer	4065
4387	American	Barrett	2500
4388	Berg	Owner	2800
4389	Kraick	Sherry	1900

4390	Dukes	Owner	3000
4391	Ortelston	Owner	3000
4392	Theatre	Owens	2500
4393	Brown	Owner	1000
4394	William	Owner	7000
4395	Gillette	Battersby	1,300,000
4396	Chit	Walker	3,000,000
4397	San Francisco	Owner	1,000,000
4398	Hallgren	Owner	2500
4399	Slack	Owner	2500
4400	Boswell	Owner	2500
4401	San Francisco	Owner	16000
4402	Beck	Owner	13500
4403	Christiansen	Owner	14000
4404	Sichel	Owner	4150
4405	McDonough	Lindberg	15350
4406	McDonough	Owner	3025
4407	Nathman	Owner	1504
4408	Nathman	Owner	2000
4409	Nathman	Owner	2000
4410	Nathman	Owner	2000
4411	Nathman	Owner	2000
4412	Nathman	Owner	2000
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4397 San Francisco
4398 Hallgren
4399 Slack
4400 Boswell
4401 San Francisco
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4406 McDonough
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DWELLING
4342 E. FORESTSIDE 79 and 109 S
Taraval. Two one-story and base-
ment frame dwellings.
Owner—Fernando Nelson & Sons, Inc.,
2 West Portal Park, S. F. \$3000 each

DWELLING
4343 E. COLLEGE AVE 25 N Murray
One-story and basement frame
dwelling.
Owner—P. W. Varney, 360 Bush St.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000

SEEN BOARDS
(4344) NO. 2650 POST. Erect orna-
mental sign boards.
Owner—Carl Miller, Premises.
Architect—Theodore Peters.
Contractor—Theodore Peters, 2650 Post
St., San Francisco. \$2500

FLATS
(4345) W THIRTY-FIFTH AVE 62-6
S Santiago. Two-story frame (2)
flats.
Owner—Parkside Realty Co., 618
Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000

DWELLING
(4346) E. MARIN 775 S Franc. One-
story and basement frame dwlg.
Owner—H. A. Schell, 156 Sanchez
St., San Francisco.
Architect—None. \$3200

DWELLING
(4347) W THIRTY-FIFTH AVE 225 S
Cabrillo. One-story and basement
frame dwelling.
Owner—H. A. Schell, 156 Sanchez
St., San Francisco. \$3000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(4218) NE MURRAY AND COLLEGE
Ave. 1-story and basement frame
dwelling.
Owner—M. J. Gamba.
Architect—E. F. Strothoff, 2271 15th
St., S. F.
Contractor—F. W. Varney, 860 Bush
St., S. F. \$3,000

DWELLING
(4319) E FORTY-FIRST AVE. 225 N
Camden. 1-story and basement
frame dwelling.
Owner—J. Anderson, 7 Contractors.
Architect—None.
Contractor—Meyer Bros., 1 Johnson-
city St., S. F. \$3,000

FLATS (2)
(4350) S LOMBARD 1663 W STOCK-
ton. Two-story and basement
frame (2) flats.
Owner—Jos. Burrafato, 1908 Powell St.
San Francisco.
Architect—None.
Contractor—Parnocchia & Co., 1814
Powell St., San Francisco. \$5400

DWELLING
(4351) W TAYLOR 78 N GREEN-
wich. One-story and basement
frame dwelling.
Owner—John Dondoro, Taylor and Jef-
ferson, San Francisco.
Architect—Paul De Martini, 946 Broad-
way, San Francisco.
Contractor—John Harder, 870 39th
Ave., San Francisco. \$6000

ALTERATIONS & ADDITIONS
(4352) N JACKSON 688 E LARKIN,
1478 - 1480 Jackson. Alterations &
addition for 2-story frame building.
Owner—Mrs. George F. Welch, Mar-
guerite Welch.
Architect—E. Gottschalk & M. J.
Rist, Phelan Bldg., San Francisco.
Contractor—H. J. Hansen.
Dated Oct. 16, 1924. Filed Oct. 15, 1924.
Roof and rough plastering. \$1330
Completed and accepted. \$1330
Usual 35 days. TOTAL COST, \$900
Bond, none. Sureties, none. Forfeit,
none. Limit 40 days. Specifications
and plans filed.

FLATS (2)
(4353) N 24TH 125 W NOE. TWO-
story and basement frame (2) flats
Owner—F. Spitaler, 3558 24th St.
Architect—None.
Contractor—E. Wiander, 41 Coleridge
St. \$9000

APARTMENTS (6)
(4354) NW PARNASSUS AVE AND
Shrader. 2-story and basement
frame (6) apartments.
Owner—M. E. & W. P. Nolan, 228 Noe
Street, San Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco. \$13,500

FLATS (2)
(4355) SW LOMBARD AND TAYLOR
Sts. 2-story and basement frame
(2) flats.
Owner—D. Castagnola, 36 Cunning-
ham Place, San Francisco.
Architect—None.
Contractor—Frachia and Rosina, 36
Cunningham Place, San Francisco.
\$8000

FLATS (4)
(4356) S HUGO 95 W ARGUELLO
Blvd. Two-story and basement
frame (4) flats.
Owner—John Little & Son, 66 Sotelle
Ave., San Francisco.
Architect—None.
Contractor—John Little, 66 Sotelle Ave.,
San Francisco. \$9000

ALTERATIONS
(4357) 733 MARKET STREET. RE-
model for stores and offices.
Owner—Schwabacher-Frey Stationary
Co., 74 New Montgomery St., San
Francisco.
Architect—Bernard J. Joseph, 74 New
Montgomery St., San Francisco. \$12,500

RESIDENCE
(4358) NE ST. FRANCIS AND SAN
Fernando Way. 2-story and base-
ment frame residence.
Owner—A. R. McCullough, 425 Kearny
St., San Francisco.

Architect—W. H. Crim, Jr., and Ham-
ilton Murdock, 425 Kearny Street,
San Francisco. \$15,000

APARTMENTS (6)
(4359) SE CABRILLO AND 24TH AV.
3-story and basement frame (6)
apartments.
Owner—Oscar Heyman & Bro., 742
Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market
St., San Francisco. \$20,000

APARTMENTS
(1360) SW VAN NESS AND LARCH
Sts. 6-story reinforced concrete
(50 apts.)
Owner—J. Greenbach, 185 Stevenson
St., San Francisco.
Architect—J. Hladik, Monadnock Bldg.,
San Francisco. \$55,000

FLATS
(4361) N LOMBARD 137 E STOCK-
ton 30 x 137. 2-story and base-
ment frame building (flats).
Owner—Mr. and Mrs. F. Di Grazia, 630
Greenwich St., San Francisco.
Architect—None.
Contractor—Co-operative Builders, 625
Market St., San Francisco.
Dated Oct. 16, 1924. Filed Oct. 10, 1924.
Frame up. \$2635.25
Brown coated. \$2635.25
Completed and accepted. \$2635.25
Usual 35 days. TOTAL COST, \$10,541
Bond, none. Sureties, none. Forfeit,
none. Limit 15, 1925. Plans and
specifications filed.

APARTMENTS
(4362) N LINDEN 165 E Buchanan.
One-story and basement frame (2)
apartments.
Owner—Wm. C. Myself, Holbrook Bldg.,
San Francisco.
Architect—Edward E. Young, 2002 Cali-
fornia St., San Francisco. \$2000

DWELLING
(4363) E THIRTY-FIFTH AVE 250 S
Lincoln Way. One-story and base-
ment frame dwelling.
Owner—J. J. McDonough, 690 Hayes
St., San Francisco. \$3000
Architect—None.

DWELLINGS
(4364) E FORTY-THIRD AVE 125 &
150 S Balboa. Two one-story and
basement frame dwellings.
Owner—Little & Christensen, 1442 8th
Ave., San Francisco. \$1000 each
Architect—None.

STORE
(4365) NW MISSION AND TWENTY-
first St. Two-story and basement
frame store.
Owner—Ebbinghausen Estate, % Archi-
tect.
Architect—Carl Geiffuss, 1056 Fulton
St., San Francisco. \$4000

DWELLING
(4366) W THIRD 25 S Yosemite Ave.
One-story and basement frame
dwelling.
Owner—Maria Filippo, 5523 3rd St., San
Francisco.
Architect—None.
Contractor—J. Filippo, 5523 3rd St.,
San Francisco. \$4000

DWELLING
(4367) SE LONDON 50 NE Persia.
One-story and basement frame
dwelling.
Owner—George Santich, 383 London St.,
San Francisco.
Architect—None.
Contractor—Louis Sabedra, 246 Vienna
St., San Francisco. \$3000

SHOP
(4368) E BELDEN 77-6 N Bush. One-
story C shop.
Owner—C. Jorgensen, Atlas Bldg., San
Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco. \$3000

ALTERATIONS AND ADDITIONS
(4369) E 4TH AVE 125 N ANZA.
Terrazzo steps; concrete basement;
exterior plastering for flats.
Owner—E. J. Wade, 226 19th Avenue,
San Francisco.
Architect—None. \$3000

DWELLING
(4370) W FLORENTINE 53 S MIS-
sion. 1-story and basement frame
dwelling.
Owner—John Isacson, 47 Guttenberg
St., San Francisco.
Architect—None. \$3000

DWELLINGS (2)
(4371) N LOROS AVE 200 - 232 - 4 E
Plymouth. Two 1-story and base-
ment frame dwellings.
Owner—P. Ginsburg, 3458 Mission St.,
San Francisco.
Architect—None.
Contractor—W. E. McDonough, 6284
Mission St., S. F. \$1400 each

RESIDENCE
(4372) LOT 12, BLK. 3, St. Francis
Wood Extension No. 1. All work
for 2-story and basement frame
residence.
Owner—Westgate Park Co., 278 Post
St., S. F.
Architect—Masten & Hurd, 278 Post
St., S. F.
Contractor—Mangels Bros., 4782 Mis-
sion St., S. F.
Filed Oct. 17, 1924. Dated Oct. 14, 1924.
Frame up. \$2493.75
Brown coated. \$2493.75
Completed and accepted. \$2493.75
Usual 35 days. TOTAL COST, \$9973
Bond, \$4986.50. Sureties, Theresa Gam-
mon and John J. J. Gammon, \$5,000.
Plans and specifications filed.

EQUIPMENT FOR P. O.
(4373) NW HOWARD AND 23RD. 2200
23rd St. All work for equipment
for Post Office station C.
Owner—The S. W. Dick Co., 1344 Mis-
sion St., S. F.
Architect—None.
Contractor—George Fensky & Co., 761
Tehama St., S. F.
Filed Oct. 17, 1924. Dated Oct. 15, 1924.
On completion. \$177.
Usual 35 days. TOTAL COST, \$3222
Bond, \$1611. Sureties, Hartford Acci-
dent & Indemnity Co. Forfeit, none.
Limit, none. Plans and specifications
filed.

PLUMBING
(4374) N PACIFIC AVE. 92-6 E Pierce
N 127-34, W 0-13, N 18-04, E
56-73, S 19-03, W 1-1, S 127-34,
W 65. All work for plumbing for
alterations and repairs to brick
dwelling house.
Owner—Cecile M. Brooke, 2518 Pacific
Ave., S. F.
Architect—Nathaniel Haisdell, 255
California St., S. F.
Contractor—Frederick W. Snook, 596
Clay St., S. F.
Filed Oct. 17, 1924. Dated Oct. 10, 1924.
Plumbing roughed in. \$1250
Completed and accepted. \$1318
Usual 35 days. TOTAL COST, \$3424
Bond, \$1712. Sureties, Everett T.
Grimes and Wm. S. Morse. Forfeit, \$10.
Limit, 60 days. Plans and specifica-
tions filed.

FLATS
(4375) N LOMBARD 75 W Buchanan.
2-story and basement frame (2)
flats.
Owner—Angelo Carretti, Webster and
Jackson Sts., S. F.
Architect—Charles Fantoni, 550 Mont-
gomery St., S. F.
Contractor—Ferroni & Sons, 1926 Fil-
bert St., S. F. \$11,000

ALTERATIONS
(4376) SE DIAMOND AND ELIZA-
beth Sts. New tower, etc., altera-
tions and additions for church.
Owner—Roman Catholic Archbishop of
San Francisco.
Architect—J. J. Foley, 770 5th Ave.,
San Francisco.
Contractor—James F. McCarthy, 436
Eureka St., S. F. \$22,722

FLATS
(4377) S FRANCISCO 150 N Franklin
W 25 x S 137-6. All work for 2-
story and basement frame bldg.,
2 flats.
Owner—Edgar L. and Emily P. Strauss,
409 Pine St., S. F.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.
Contractor—A. D. Disston, Hearst Bldg.
San Francisco.

Filed Oct. 17, 1924. Dated Sept. 8, 1924.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

REPAIRS
(4387) 100 FT. S. OF NINETEENTH ST. Bldg. 10 ft. from Tennessee to Main St. All work to repair existing frame. Bldg. destroyed by fire.
Owner—Riordan Investment Co., Trust
Architect—Edw. S. F.
Contractor—A. J. Caputo, 1000 Bldg. San Francisco.
Filed Oct. 17, 1924. Dated Oct. 15, 1924.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

REPAIRS
(4388) W. SCOTT 100 N. HILL. All carpenter, mill, electric, concrete, brick work, painting, and finishing work for 2-story frame apartment house.
Owner—Riordan Investment Co., Trust
Architect—M. R. Buege.
Contractor—W. B. Zane, 114 Russ St., San Francisco.
Filed Oct. 17, 1924. Dated Oct. 17, 1924.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

REPAIRS
(4389) E. SAN JOSE AVE. 100-6 S. 27-6 N. E. 50. All work except wall paper, shades, light fixtures, wall beds, water heaters for 2-story and basement apartment house.
Owner—John and Hannah M. Debenham, 3 Coleridge St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—J. H. Stephenson, 2626 26th Ave., S. F.
Filed Oct. 17, 1924. Dated Oct. 14, 1924.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

REPAIRS
(4390) NE EDINBURG 150 175 200 NE Peru. Three 1-story and basement frame dwellings.
Owner—Victor E. McKean, 4539 Mission St., San Francisco.
Architect—None. \$3000 each

REPAIRS
(4391) W. TWENTY-THIRD AVE. 225 S. Irving. Additions for dwelling.
Owner—Mr. Anderson, premises.
Architect—None.
Contractor—W. H. Martin, 1290 21st Ave., S. F. \$2000

REPAIRS
(4392) NW 6th AVE. & FULTON ST. 3-story and basement frame (12) apartments.
Owner—Lager and Val Franz, 150 Jessie St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$25,000

REPAIRS
(4393) E. SAN LEANDRO 169 218 261 306 S. Darien. Four 2-story and basement frame dwellings.
Owner—E. C. & O. M. Hueter, 806 Platoon Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Natl. Bank Bldg., S. F.
Contractor—Boxton & Zwieg, premises. \$7000 each

REPAIRS
(4394) S. GREEN 200 E. Pacific 2-story and basement frame (2) flats.
Owner—B. J. Trefts, 2365 Green St., San Francisco.
Architect—L. J. & H. H. H. Sutter St., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco. \$13,000

REPAIRS
(4395) E. THIRTY-FIRST AVE. 150 N. Hill 25 N. E. 120. All work for 1-story and basement frame dwlg.
Owner—Bruce V. Gynn.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
Filed Oct. 15, 1924. Dated Oct. 16, 1924.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications, none.

REPAIRS
(4396) S. GOUGH AND POST STS. Alterations and repairs for public garage.
Owner—American Motor Repair Co., premises.
Architect—Russell and Ellison, Pacific Bldg., San Francisco.
Contractor—Barrett and Hilp, 918 Harrison St., S. F. \$2500

REPAIRS
(4397) N. SEVENTEENTH — W. Temple. 1-story and basement frame dwelling.
Owner—Einar J. N. Berg, 59 Homestead Bldg., San Francisco.
Architect—None. \$2500

REPAIRS
(4398) N. INNES 125 W. Lane. 1-story and basement frame dwelling.
Owner—Paul Kralek, 1424 Innes Ave., San Francisco.
Architect—None.
Contractor—Frank Sherry 1447 McKinnon Ave., S. F. \$1900

REPAIRS
(4399) N. ROLPH 153.353 W. Athens. 1-story and basement frame dwlg.
Owner—H. A. Dilks, 314 Matson Bldg., San Francisco.
Architect—None. \$3000

REPAIRS
(4400) N. ROLPH 128.353 W. Athens. 1-story and basement frame dwelling.
Owner—L. G. Crichton, 314 Matson Bldg., San Francisco.
Architect—None. \$3000

REPAIRS
(4401) N. HALE 175 E. Merf. 112-story and basement frame dwelling.
Owner—H. Thorne, 151-A Sweeney St., San Francisco.
Architect—R. R. Irvine, 730 New Call Bldg., San Francisco. \$3000

REPAIRS
(4402) NW BRODERICK AND UNION Streets. Remodel for private garage quarters.
Owner—Mrs. M. Brown, premises.
Architect—None.
Contractor—Bruce and Ash, 1920 Post St., San Francisco. \$1000

REPAIRS
(4403) W. SCOTT 150 N. Francisco. 2-story and basement frame (2) flats.
Owner—Williams & Wood, 405 Mills Bldg., San Francisco.
Architect—None. \$7000

REPAIRS
(4404) E. CHURCH 76-6 N. 26th. Two-story and basement frame (2) flats.
Owner—John P. and Teresa Gillicie, 32 Prospect Ave., S. F.
Architect—A. G. Rizzoli, 2897 Folsom St., San Francisco.
Contractor—G. M. Battersby, 2976 Mission St., S. F. \$7000

REPAIRS
(4405) S. GEARY 87-6 E. Taylor. 1-story and basement class A hotel.
Owner—Cliff Realty Co., Cliff Hotel, San Francisco.
Architect—Schulze and Weaver, Pacific Mutual Bldg., Los Angeles.
Contractor—P. J. Walker Co., 607 South Bldg., S. F. \$1,300,000

(4397) NO. 4206 TWENTY-SECOND ST. Alterations and repairs for dwelling.
Owner—San Francisco Engineering Co., 322 6th St., San Francisco.
Contractor—Otto Johnson, Berkeley.

REPAIRS
(4406) TWENTY-THIRD AVE. 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000. 1-story and basement frame dwellings.
Owner—San Francisco Engineering Co., 322 6th St., San Francisco.
Contractor—Otto Johnson, Berkeley.

REPAIRS
(4407) N. SACRAMENTO 75 E. Franklin. (No. 2224 Sacramento St.) One-story concrete private garage.
Owner—Chas. W. Slack, Premises.
Architect—None.
Contractor—J. J. Bannan, 1477 6th Ave., San Francisco. \$2500

REPAIRS
(4408) NW EUGENIA AND WOOL STS. Plastering, plumbing, etc., for apartments.
Owner—G. M. Beloud, 619 Eugenia St., San Francisco.
Architect—None. \$1900

REPAIRS
(4409) N. GIESSEN AVE. 75 W. Anderson. 3-story and 1-story and basement frame dwellings.
Owner—S. F. Home Building Co., Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000 ea

REPAIRS
(4410) E. DOLORES 50 S. 14th. Three-story and basement frame (6) apartments.
Owner—P. J. Burke, 128 Dolores St., San Francisco.
Architect—None. \$16,000

REPAIRS
(4411) S. SUTTER 70-6 W. Mason. Add two additional stores and elevator for furniture store.
Owner—Joseph & Pasquale Cammarano, 523 Clay St., San Francisco.
Architect—Samuel Lightner Hyman and A. Appleton, 68 Post St., S. F.
Contractor—Ricks & Irvine, 180 Jessie St., San Francisco. \$20,000

REPAIRS
(4412) W. THIRTY-FIFTH AVE. 25, 50 and 75 N. Fulton. Three two-story and basement frame dwellings.
Owner—P. J. Burke, 308 25th Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco. \$4500 ea

REPAIRS
(4413) S. FRANCISCO 110 W. Octavia. 2-story and basement frame (8) apartments.
Owner—Christensen Bros., 518 25th Ave., S. F.
Architect—None. \$14,000

REPAIRS
(4414) W. THIRTY-FIFTH AVE. 225 S. Cabrillo S. 25 x W. 120. All work for 1-story and basement frame dwelling.
Owner—Malvin A. Sichel, 634 21st Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F.
Filed Oct. 20, 1924. Dated Oct. 14, 1924.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

REPAIRS
(4415) SAN FERNANDO WAY. E. 100 x N. 65. All work for 2-story and basement frame dwelling.
Owner—San Fernando Way, E. 100 x N. 65. All work for 2-story and basement frame dwelling.

OWNER—A. R. McEntough, 205 42nd Ave., S. F.
Architect—H. C. Gray Jr., and Hamilton Murdoch, 425 Kearny St., San Francisco.
Contractor—F. J. Lindberg, 1 Nagler Bldg., San Francisco.
 Filed Oct. 20, 1924. Dated Sept. 11, 1924.
 Work 1/2 completed \$387.50
 Enclosed and accepted \$387.50
 Usual 35 days \$387.50
 Bond, sureties, forfeit, none. Limit, as fast as required. Plans and specifications filed.

TOTAL COST, \$15,350

Bond, \$15,350. Sureties, Chase, American and City National, 10000. Limit, 120 days. Plans and specifications filed.

FRAME BLDG.
 (4129) SE DIAMOND and 147A-2nd St. All exterior and roof work. Raising, erecting, opening and enclosing work for frame bldg.
Owner—The Roman Catholic Archbishop, 1200 E. Market St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—James F. McCarthy, 126 Lombard St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 24, 1924.
 Work 1/2 completed \$22,722
 Enclosed and accepted \$22,722
 Usual 35 days \$22,722
 Bond, \$22,722. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
 (4130) SAW LUSH & GOUGH. Plastering work for building.
Owner—Josie Bloomingdale & Mrs. Hattie Kline, 1717 Bush St., S. F.
Architect—None.
Contractor—H. E. Ray, 636 Rivera St., San Francisco.
 Filed Oct. 20, 1924. Dated Oct. 11, 1924.
 When browned \$157.50
 Completed and accepted \$157.50
 Usual 35 days \$157.50
 Bond, none. Sureties, none. Forfeit, none. Limit, none. Plans and specifications not filed.

RESIDENCE
 (4131) N WASHINGTON 187-6 W Walnut N 127-34 X W 27-6. All work except heating, plumbing, electric and painting for 2-story residence.
Owner—Dr. A. H. Nathman, 700 Broderick St., S. F.
Architect—Samuel L. Hyman & A. Appleton, 68 Post St., S. F.
Contractor—Jacks & Irvine, 180 Jessie and 4226 California St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Enclosed \$3626
 Plaster completed, int. and ex. 3626
 Completed and accepted 3626
 Usual 35 days 3626
 Bond, \$7252. Sureties, Geo. F. Derrning & Geo. T. Beck. Forfeit, none. Limit, 80 days. Plans and specifications filed.

HEATING ON ABOVE.
 (4132) General Heating & Ventilating Co., 1243 Howard St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Completed and accepted \$574
 Usual 35 days \$574
 Bond, none. Sureties, Massachusetts Bonding & Ins. Co., Portland, none. Limit, as fast as required. Plans and specifications filed.

PLUMBING ON ABOVE.
 (4133) E. Sherman, 3521 Gentry St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Roughing in completed \$666.65
 Completed and accepted 666.65
 Usual 35 days 666.65
 Bond, sureties, forfeit, none. Limit, as fast as required. Plans and specifications filed.

PAINTING ON ABOVE.
 (4144) D. J. McKinley & Sons, 422 Turk St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Painted and completed \$598
 Enclosed and accepted 598
 Usual 35 days 598
 Bond, sureties, forfeit, none. Limit, as fast as required. Plans and specifications filed.

PAINTING ON ABOVE.
 (4145) ELECTRIC WORK ON ABOVE.
 (4145) E. Pacheco 340 N. Castaneda. 2-story and basement frame dwlg.
Owner—Lang Realty Co., 1st Natl. Bk. Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Natl. Bank Bldg., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$309.35
 Completed and accepted 309.35
 Usual 35 days 309.35
 Bond, sureties, forfeit, none. Limit, as fast as required. Plans and specifications filed.

DWELLING
 (4146) E. Pacheco 340 N. Castaneda. 2-story and basement frame dwlg.
Owner—Lang Realty Co., 1st Natl. Bk. Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Natl. Bank Bldg., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$309.35
 Completed and accepted 309.35
 Usual 35 days 309.35
 Bond, sureties, forfeit, none. Limit, as fast as required. Plans and specifications filed.

REMODEL
 (4147) 1217 LOMBARD STREET. Remodel for flats.
Owner—Mrs. W. Smith, 1217 Lombard St., San Francisco.
Architect—None.
Contractor—Bruce and Ash, 1920 Post St., San Francisco.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 All 3 frames up and enclosed 25%
 Plastering completed 25%
 Completed and accepted 25%
 Usual 35 days 25%
 Bond, \$36,899.31. Sureties, National Surety Co., Portland, none. Limit 120 days. Plans and specifications filed.

DWELLING
 (4148) NE EXCELSIOR and PARIS Streets. One-story and basement frame dwelling.
Owner—A. Soward, 310 McAllister St., San Francisco.
Architect—None.
Contractor—W. E. Grossman, 47 Curtis St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$3000
 Completed and accepted 3000
 Usual 35 days 3000
 Bond, \$3000. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

STORAGE ROOMS
 (4149) N HERRON 55 E 8TH. 1-story brick storage rooms.
Owner—V. H. Robinson, % contractor.
Architect—None.
Contractor—Paul K. Jones, 180 Jessie St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$3000
 Completed and accepted 3000
 Usual 35 days 3000
 Bond, \$3000. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

DWELLING
 (4150) N MAGELLAN 150 W PLAZA. Two-story and basement frame dwelling.
Owner—Lang Realty Co., 219 First Natl Bank Bldg., S. F.
Architect—Harold G. Stoner, 1st Natl Bank Bldg., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$6000
 Completed and accepted 6000
 Usual 35 days 6000
 Bond, \$6000. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

APARTMENTS (2)
 (4151) W POLK 137-6 & 162-6 S. Francisco. Two-story and basement frame apartment buildings (4) apartments each.
Owner—O. H. Curtaz, 5 Parnassus Ave., San Francisco.
Architect plans by owner.
Contractor—A. Huck, 719 41st Avenue, San Francisco.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$9000 ea.
 Completed and accepted 9000 ea.
 Usual 35 days 9000 ea.
 Bond, \$9000 ea. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

APARTMENTS
 (4152) SE DIAMOND & 15TH STS. Three-story and basement frame (12) apartments.
Owner—August Peterson, 106 Sanchez St., S. F.
Architect—None.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$12,000
 Completed and accepted 12,000
 Usual 35 days 12,000
 Bond, \$12,000. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

APARTMENTS
 (4153) SE DIAMOND & SAN CARLOS AVE. S 85 X E 37-6. All work except finish hardware wall beds, shades and electric fixtures for 3-story frame building (apartments).
Owner—Hillis & Ainsie Nielson.
Architect—Edw. E. Young, 2002 California St., S. F.
Contractor—M. C. Ingraham, 165 Fell St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Frame up \$6613.00
 Brown coated 6613.00
 Inside trim on 3306.50
 Completed and accepted 3306.50
 Usual 35 days 3306.50
 Bond, \$13,227. Sureties, J. E. Bach & J. C. Moore, Jr. Forfeit, none. Limit 90 days. Plans and specifications filed.

FLATS
 (4154) E CHURCH 76-6 N 26TH N 22 X E 100. Two-story frame bldg. flats.
Owner—John P. & Teresa J. Gillicee, 232 Prospect Ave., S. F.
Architect—A. G. Rizzoli, 2897 Folsom St., S. F.
Contractor—G. M. Battersby, 2976 Mission St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 11, 1924.
 Enclosed and roof on \$2700
 Brown coated 2700
 Completed and accepted 2700
 Usual 35 days 2700
 Bond, \$2700. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

FLATS
 (4155) E CHURCH 76-6 N 26TH N 22 X E 100. Two-story frame bldg. flats.
Owner—John P. & Teresa J. Gillicee, 232 Prospect Ave., S. F.
Architect—A. G. Rizzoli, 2897 Folsom St., S. F.
Contractor—G. M. Battersby, 2976 Mission St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 11, 1924.
 Enclosed and roof on \$2700
 Brown coated 2700
 Completed and accepted 2700
 Usual 35 days 2700
 Bond, \$2700. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

FLATS
 (4156) E CHURCH 76-6 N 26TH N 22 X E 100. Two-story frame bldg. flats.
Owner—John P. & Teresa J. Gillicee, 232 Prospect Ave., S. F.
Architect—A. G. Rizzoli, 2897 Folsom St., S. F.
Contractor—G. M. Battersby, 2976 Mission St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 11, 1924.
 Enclosed and roof on \$2700
 Brown coated 2700
 Completed and accepted 2700
 Usual 35 days 2700
 Bond, \$2700. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

APT. & FLAT BLDGS. (3)
 (4157) SW ANZA & 15TH AVE. W 15 X S 50. Three 2-story frame apt. and flat buildings.
Owner—Alma M. Mahan, % Dr. E. F. Mahan, Flood Bldg., S. F.
Architect—Mark M. Meherin, 117 Front St., S. F.
Contractor—C. F. Parker, 251 Kearny St., S. F.
 Filed Oct. 20, 1924. Dated Sept. 16, 1924.
 All 3 frames up and enclosed 25%
 Plastering completed 25%
 Completed and accepted 25%
 Usual 35 days 25%
 Bond, \$36,899.31. Sureties, National Surety Co., Portland, none. Limit 120 days. Plans and specifications filed.

FLATS
 (4158) SUTTER ST. FRONT 170 THE Van Ness Ave. front 120. All work except finish hardware wall beds, shades and electric fixtures for 3-story frame building (apartments).
Owner—Hillis & Ainsie Nielson.
Architect—Edw. E. Young, 2002 California St., S. F.
Contractor—M. C. Ingraham, 165 Fell St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Frame up \$6613.00
 Brown coated 6613.00
 Inside trim on 3306.50
 Completed and accepted 3306.50
 Usual 35 days 3306.50
 Bond, \$13,227. Sureties, J. E. Bach & J. C. Moore, Jr. Forfeit, none. Limit 90 days. Plans and specifications filed.

DWELLING
 (4159) E TWENTY-SECOND AVE. 258-6 N Taraval. One-story and basement frame dwelling.
Owner—D. A. Mitoff, 810 Dolores St., San Francisco.
Architect—None.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$5000
 Completed and accepted 5000
 Usual 35 days 5000
 Bond, \$5000. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

DWELLING
 (4160) E AVILA 155 S. Capro. One-story and basement frame dwelling.
Owner—T. R. Yergler, 123 Lake St., Oakland.
Designer—Lang Realty Co., 1st Natl Bank Bldg., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$4500
 Completed and accepted 4500
 Usual 35 days 4500
 Bond, \$4500. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

FLATS
 (4161) E TWENTY-SEVENTH AVE. 25 E California. Two-story and basement frame (2) flats.
Owner—Orrin Knox, 1924 Cabrillo St., San Francisco.
Architect—None.
Contractor—Orrin Knox & Son, 1924 Cabrillo St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$8000
 Completed and accepted 8000
 Usual 35 days 8000
 Bond, \$8000. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
 (4162) NO. 833 LAKE. Raise dwelling; remodel for basement garage; brick foundation; cement floor.
Owner—J. W. Gilkinson, Premises.
Architect—None.
Contractor—D. Disston, Hearst Bldg., San Francisco.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$3000
 Completed and accepted 3000
 Usual 35 days 3000
 Bond, \$3000. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

DWELLING
 (4163) E POCHÉ 120 E Hayward. One-story and basement frame dwelling.
Owner—E. W. Hawkey, 134 Haight St., San Francisco.
Architect—None.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$1750
 Completed and accepted 1750
 Usual 35 days 1750
 Bond, \$1750. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

DWELLING
 (4164) E EUREKA 85-6 S 19th St. One-story and basement frame dwelling.
Owner—John Wigholm, 2591 Sutter St., San Francisco.
Architect—None.
Contractor—W. C. Petersen, 2591 Sutter St., San Francisco.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$3500
 Completed and accepted 3500
 Usual 35 days 3500
 Bond, \$3500. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

ADDITION
 (4165) S CLARA 125 W Fifth. Addition to woodworking mill.
Owner—Barrett & Hilp, 918 Harrison St., San Francisco.
Architect—R. W. Jenkins, 243 Diamond St., San Francisco.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$2500
 Completed and accepted 2500
 Usual 35 days 2500
 Bond, \$2500. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

APARTMENTS
 (4166) E VALENCIA 150 N 16TH. 2-story frame store and apartment.
Owner—Lema and Peter Lynch, 2898 Mission St., S. F.
Architect—None.
Contractor—Peter Lynch, 2890 Mission St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$7500
 Completed and accepted 7500
 Usual 35 days 7500
 Bond, \$7500. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

APARTMENTS
 (4167) E VALENCIA 150 N 16TH. 2-story frame store and apartment.
Owner—Lema and Peter Lynch, 2898 Mission St., S. F.
Architect—None.
Contractor—Peter Lynch, 2890 Mission St., S. F.
 Filed Oct. 20, 1924. Dated Oct. 16, 1924.
 Work 1/2 completed \$7500
 Completed and accepted 7500
 Usual 35 days 7500
 Bond, \$7500. Sureties, Pacific and Western, 700 N. Maryland, Portland, Ore. Limit, 120 days. Plans and specifications filed.

Oct. 17, 1924—NE FLORENCE 137-6 SE Rhine SE 32-6 x NE 100 show land sub ppty. of Mission Street Land Co. Homestead Realty Co. to whom it may concern. Oct. 16, 1924

Oct. 17, 1924—LOT 24 BLK. 6452 2. Crocker Amazon Tract Sub. 2. Crocker Estate Co. to whom it may concern. Oct. 14, 1924

Oct. 17, 1924—S NAYLOR & WINDING Way SE 33-33 SW 102-56 NW 38-64 NE 99-37 ptn lots 12 & 13 blk 6452 Crocker Amazon Tr. Sub. 2. Crocker Estate Co. to whom it may concern. Oct. 14, 1924

Oct. 17, 1924—N GREENWICH 137-6 W Van Ness Ave N 137-6 & W 27-16 Axel A Johnson to whom it may concern. Oct. 17, 1924

Oct. 15, 1924—LOTS 14, 15 AND 17, BLK 3082 Map Blks. 3080 to 3085, Westwood Highlands. Hays and Esther E Nelson to whom it may concern. Oct. 11, 1924

Oct. 17, 1924—N STAPLES AVE 235 W Detroit W 25 & N 112-6 Lot 20 blk 29 Sunnyside. The McCarthy Co. to James Arnott & Son. Oct. 17, 1924

Oct. 17, 1924—S LOMBARD 115-3 W Fillmore W 22-3 & S 120. Luigi Micco to John Perona. Oct. 17, 1924

Oct. 18, 1924—S FILLMORE 256 SW 2nd. Arthur Elvin to whom it may concern. Oct. 18, 1924

Oct. 18, 1924—W CONGO 50 S FLOOD Ave. S 25 x 100. Alfred Jacobson to whom it may concern. Oct. 17, 1924

Oct. 18, 1924—E FURSTON AVE 2613 S Cabrillo S 31-3 x 120. Jas. R. & Martha A. Cashman to N. F. Nielsen. Oct. 18, 1924

Oct. 18, 1924—E VALLEJO 158-6 E Polk 45-8 x 120 Irregular. Alvaro Ramazzotti to L. F. Bradshaw. Oct. 18, 1924

Oct. 18, 1924—S TWENTY-FOURTH 60 E Shotwell E 75 S 100. Joseph Pasqualetti to whom it may concern. Oct. 18, 1924

Oct. 18, 1924—E FORTY-THIRD AVE 200 S Balboa S 25x120. Katherine E Campbell to whom it may concern. Oct. 18, 1924

Oct. 17, 1924—E 450 32ND AVE. Theo & Adeline Kupper to Carl O. Lindberg. Sept. 1, 1924

Oct. 17, 1924—W MADRID 150 G France Ave N 25 x 100. Geo. G Austin to whom it may concern. Oct. 16, 1924

Oct. 17, 1924—W MADRID 75 N France Ave N 25 x 100. Geo. G Austin to whom it may concern. Oct. 16, 1924

Oct. 18, 1924—COMG 760 N 85 DEG. 1 min. E 191 N 4 deg. 20 min. W from intersection S Humboldt & E Georgia N 4 deg. 20 min. W 75 S 55 deg. 4 min. W 85 S 4 deg. 20 min. E 75 S 85 deg. 4 min. E 85 m or 1 to pt of beg. Pacific Gas & Electric Co. to W. Heidt Cornice Works. Oct. 18, 1924

Oct. 17, 1924—S HAYES 100 G France Ave N 25 x 85. Michael J. Rook to John Harder. Oct. 10, 1924

Oct. 17, 1924—LOT 12 BLK. 6438 Crocker Amazon Tr. Sub. 2, lot 17 blk 6453 Crocker Amazon Tr. Sub. 2. Crocker Estate Co. to whom it may concern. Oct. 14, 1924

Oct. 17, 1924—E 26TH AVE 250 S Geary S 25 & E 100. John C Thomas to whom it may concern. Oct. 17, 1924

Oct. 21, 1924—LOT 19, BLK. 2, Lakeview. E. J. Hargrave to whom it may concern. Oct. 18, 1924

Oct. 21, 1924—S SILVER AVENUE. E. J. Hargrave to whom it may concern. Oct. 18, 1924

Oct. 21, 1924—LOT 25 x 121-103 W Line Baker 112-6 N Hayes. E. K. Nelson to whom it may concern. Oct. 21, 1924

Oct. 21, 1924—W BAKER 100 N Post N 25 x W 100. Mary M. Collins to Chas. R. Tidball. Oct. 21, 1924

Oct. 21, 1924—S 210 SILVER AVENUE. 25-036 W Craut N 78-0-08 W 50 S 75-0-29 E 50-0-072. Wm. Powell to Lindsay Construction Co. Oct. 21, 1924

Oct. 21, 1924—NW HYDE & ELLIS N 62-6 & W 62-6. John J. Kingwell, F. J. Conlin to whom it may concern. Oct. 15, 1924

Oct. 21, 1924—BLOCK BOUNDED BY Humboldt, Michigan, Louisiana and 23rd Sts. Pacific Gas & Electric Co. to V. S. Persons. Oct. 16, 1924

Oct. 21, 1924—W NINTH AVE 107-34 S Moraga S 25 x W 120. John E. &

Ethel M. McCarthy to whom it may concern. Oct. 18, 1924

Oct. 20, 1924—W VALENCIA 100 N 19th N 50 alk. W Valencia x W 100. Lena Lynch to James McFarland. Oct. 20, 1924

Oct. 20, 1924—W 45TH AVE. 200 S Balboa S 75 x W 120. J. B. Nichols to Meyer Bros. Oct. 20, 1924

Oct. 20, 1924—W 3RD 80 S OAKdale Ave. 37-6 x 110-6. Leo. F. Simmen and James Boasso to T. L. Sharman. Oct. 10, 1924

Oct. 20, 1924—W OCTAVIA N 125 N Chestnut 25 x 110, 3233 Octavia. Chas. J. Boyson to Wm. H. Johnson. Oct. 20, 1924

Oct. 20, 1924—LOTS 2, 3 and 4, BLK. C, Mission Terrace. Walter E. Hansen to whom it may concern. Oct. 20, 1924

Oct. 20, 1924—LOTS 14, 15 AND 17, BLK. 3082, Map of Blks. 3080 to 3085, Westwood Highlands. Hays and Esther E. Nelson to whom it may concern. Oct. 16, 1924

Oct. 20, 1924—SE 29TH AVE. and Anza 25 x 85. Theresia and John Frustak to whom it may concern. Oct. 20, 1924

Oct. 20, 1924—NW ANZA AND 45TH AVE N 37-6 x W 90. Fred Cellarius to Thos. Hannell. Oct. 20, 1924

Oct. 20, 1924—E 42ND AVE. 100 N Cabrillo N 25 x E 120. John Burns to whom it may concern. Oct. 20, 1924

Oct. 20, 1924—NW CABRILLO AND 46th Ave. N 60 x W 90. Thos. Hannell to whom it may concern. Oct. 20, 1924

Oct. 20, 1924—N MONTEREY BLVD. 50 and 25 W Genessee W 25 x N 100. Lots 42 and 43 Blk. 5, Sunnyside. Anders to whom it may concern. Oct. 20, 1924

Oct. 20, 1924—E GROVE 100 W BAKER W 24 x S 100. Alfred E. Hind to whom it may concern. Oct. 16, 1924

Oct. 20, 1924—S GROVE 124 W BAKER W 24 x S 100. S Grove 148 W BAKER W 24 x S 100. S Grove 148 S 25 E 153-4 1/2 N 37-6 W 48 N 100. Alfred E. Hind to whom it may concern. Oct. 16, 1924

Oct. 20, 1924—SE ELLINGTON AVE 80 NE Nagle Ave N 41 x SE 125 Ptn lot 5 Blk 24 West End Map 2. Albina J. Dakin to whom it may concern. Oct. 20, 1924

Oct. 20, 1924—W NINTH 104 S Mission. The Adlers Publishing Co. to J. Leonard. Oct. 20, 1924

Oct. 20, 1924—NE 15TH AND GUERREPO 30X70. P. J. O'Hara to Carl Olson. Oct. 20, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 16, 1924—27-6 on W BAKER com 110 N Hayes N 27-6x100 S W 120. H. H. Richardson vs Alois Schneider. \$70.70

Oct. 16, 1924—NE 6.66 LOT 36 and all Lot 37 Blk 2, Forest Hill. W J. Calowsky vs N J. Malville and McFarland. \$200

Oct. 15, 1924—1613 AND 1615 O'FARRELL, frontage of 25 on Byington Ave. and O'Farrell x 120. Francis H. Scott vs. C. R. and Minnie Sharkey. \$24.50

Oct. 15, 1924—E. REVERE AND Keith SE 25 m or 1 x NE 100 m or 1. Swift & Co vs Gust Michos and W P Romines. \$24.03

Oct. 15, 1924—E LEXINGTON AVE 136 N 18th N 25x80. Filibotte & Petri vs M E Greene and Philippe Saure. \$423.65

Oct. 15, 1924—NW THIRD 80 SW Bayview SW 25-2 N 126-1 NE 58 S 128-6. Swift & Co vs Lawrence Schibi and W P Romines. \$43.50

Oct. 18, 1924—SE MISSION 75 SW 3rd SW 85 SE 100 NE 5 SE 70 to NW Minna NE alg NW Minna 80 NW 170 to pt of beg ptn V B. Hues. The Wrought Shoppe, Otto F. Hues (prop.) vs Wilcox Realty Co., Wilcox Agencies Inc., Nicholas Abrams. \$182.50

Oct. 18, 1924—SE LAIDLAY 102 SW Miguel SW 80 x SE 100 Ptn Blk 11 Fairmont Tr. H. M. Thompson vs William Foley & Olga Foley. \$961.80

Oct. 18, 1924—S MARKET BET. 7TH and 8th Sts. 1175 Market St. Pioneer Plate and Window Glass Co., Corp. vs. Marion Realty Co. \$225.25

Oct. 21, 1924—LOT 5, BLK. 2816, Forest Hill Court. Jas. E. Lennon Lime & Cement Co. vs. O. R. Thayer and E. K. Nelson

Oct. 20, 1924—LOT 47 BLK 15 LAKEVIEW. Amster Sheet Metal Wks. vs Annie M. & L. J. Ginder, John R. Morrison

Oct. 20, 1924—FIRST HOUSE FROM NE 27th Ave. & California on 27th Ave. S. Goldberg vs.

Oct. 21, 1924—N GROVE 215-6 W Franklin W 32 N 68-9 W 27-6 N 68-9 E 59-6 S 137-6. E. K. Nelson vs. Alois Schneider. \$5192

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 20, 1924—NE JACKSON ARGUELLO BLVD. E 60 to Stone Wall W to Arguello S 56-2 1/2. Eugene F. and Herbert A. Irtich to Julius Behrend and Jas. Jensen. \$175

Oct. 17, 1924—W MIRAMAR AVE 175 N 112-6 W 90. S 112-6 x W 112-6. Lot 47, Blk. 15, Lakeview. B. F. Dolan, George G. Morton, Reinhart Lumber & Planing Mill Co., S. Mariani & Sons to Louis J. and Annie Goldberg.

Oct. 16, 1924—LOT 12 BLK 6161 BLK 77-68 Bernal Hd. Assn. The Greater City Lumber Co. to Louise Corner.

Oct. 20, 1924—CRYSTAL PALACE 100 E 1st Pioneer Plate and Window Glass Co. to Rosenblatt Co., Corp.

Oct. 20, 1924—E TWENTY-SEVENTH 50 N 75 California N 25 x E 70. Hart Wood Lumber Co., W. F. Fuller & Co., The Hoffman Heater Co., I. Epp and Shipman & Lauer to Lillie L. Layton and A. M. Hardy.

Oct. 20, 1924—E TWENTY-SEVENTH AVE 50 N 75 California N 25 x E 70. Wm. H. Morrison to

Oct. 20, 1924—E TWENTY-SEVENTH 50 N California N 50 x E 70. Joost Bros., J. H. Baxter and Co., Rock Sand Gravel Co. to

Oct. 20, 1924—E TWENTY-SEVENTH 50 N 75 California E 70 x N 25. Atlas Mortar Co., California Door Co., Ginsberg Tile Co., F. A. John, J. Camp Co. to

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	OWNER	Contractor	Amount
5471	Rudick	Noble	7200
5472	Heltman	Owens	3800
5473	Peterson	Hayden	5000
5474	Blakely	Goranson	5800
5475	Steiger	Owens	3000
5476	McClintock	Locke	2500
5477	French	Van Ness	3750
5478	Derry	Cotterill	4800
5479	Crosby	Maurice	31293
5480	Adams	Allen	6800
5481	Myers	Owens	5300
5482	Johnson	Scammell	5300
5483	Harrison	Walker	7500
5484	Lewis	Davis	6000
5485	Haley	Bachelor	2500
5486	Wright	Walker	2500
5487	Lewis	Owens	2500
5488	Davis	Owens	1000
5489	Gehly	Allen	2500
5490	Gehly	Owens	10000
5491	Orton	Owens	10000
5492	Davis	Allen	2000
5493	Havelka	Owens	1200
5494	Hovey	Brookes	4050
5495	Brookes	Brookes	4050
5496	Taylor	Anderson	4000
5497	Davidson	Davidson	5000
5498	Sprague	Owens	3200
5499	Deubery	Johnson	3200
5500	Chandler	Henderson	12000
5501	Dallas	Weston	2000
5502	Norris	Norris	9000
5503	Norris	Owens	10000
5504	Plasoning	Vaughan	14200
5505	Danielson	Clinton	28208
5506	First	Knight	23500
5507	Cairns	Wierk	7000
5508	Grabe	Owens	3900
5509	Baker	Burks	7500
5510	Charbeneau	Owens	5000
5511	Hunter	Owens	12000
5512	Pettis	Owens	3200
5513	Nummacher	Owens	3200
5514	Croll	Owens	3200

5419	Glendale	Owner	2000
5420	Woodside	Plumber	1200
5421	San Jose	Owner	1400
5422	San Jose	Owner	1800
5423	San Jose	Owner	1800
5424	San Jose	Owner	1800
5425	San Jose	Owner	1800
5426	San Jose	Owner	1800
5427	San Jose	Owner	1800
5428	San Jose	Owner	1800
5429	San Jose	Owner	1800
5430	San Jose	Owner	1800
5431	San Jose	Owner	1800
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5438	San Jose	Owner	1800
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5440	San Jose	Owner	1800
5441	San Jose	Owner	1800
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5443	San Jose	Owner	1800
5444	San Jose	Owner	1800
5445	San Jose	Owner	1800
5446	San Jose	Owner	1800
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5458	San Jose	Owner	1800
5459	San Jose	Owner	1800
5460	San Jose	Owner	1800
5461	San Jose	Owner	1800
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5463	San Jose	Owner	1800
5464	San Jose	Owner	1800
5465	San Jose	Owner	1800
5466	San Jose	Owner	1800
5467	San Jose	Owner	1800
5468	San Jose	Owner	1800
5469	San Jose	Owner	1800
5470	San Jose	Owner	1800
5471	San Jose	Owner	1800
5472	San Jose	Owner	1800
5473	San Jose	Owner	1800
5474	San Jose	Owner	1800
5475	San Jose	Owner	1800
5476	San Jose	Owner	1800
5477	San Jose	Owner	1800
5478	San Jose	Owner	1800
5479	San Jose	Owner	1800
5480	San Jose	Owner	1800
5481	San Jose	Owner	1800
5482	San Jose	Owner	1800
5483	San Jose	Owner	1800
5484	San Jose	Owner	1800
5485	San Jose	Owner	1800
5486	San Jose	Owner	1800
5487	San Jose	Owner	1800
5488	San Jose	Owner	1800
5489	San Jose	Owner	1800
5490	San Jose	Owner	1800
5491	San Jose	Owner	1800
5492	San Jose	Owner	1800
5493	San Jose	Owner	1800
5494	San Jose	Owner	1800
5495	San Jose	Owner	1800
5496	San Jose	Owner	1800
5497	San Jose	Owner	1800
5498	San Jose	Owner	1800
5499	San Jose	Owner	1800
5500	San Jose	Owner	1800
5501	San Jose	Owner	1800
5502	San Jose	Owner	1800
5503	San Jose	Owner	1800
5504	San Jose	Owner	1800

DWELLING
(5474) S SANTA RAY AVE 242 E Paloma Ave., Oakland. 1-story 6-rm. dwelling.
Owner—Grace S. Tuller, 1515 Wellington Ave., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. \$5800

ALTERATIONS & ADDITION
(5475) 1647 10TH AVE., OAKLAND.
Alterations and addition.
Owner—Mary T. Steiger, 1647 10th Av., Oakland.
Architect—None. \$3000

DWELLING
(5476) E MONTICELLO AVE. 269 N Trask Ave., Oakland. 1-story 4-room dwelling.
Owner—Helen M. McClintock, 2058 High St., Oakland.
Architect—None.
Contractor—Wm. Locke, 106th Ave., Oakland. \$2500

DWELLING
(5477) N BROADWAY TERRACE, 500 E Buena Vista, Oakland. 1-story 5-room dwelling.
Owner—O. W. French, 4th Ave., Oakland.
Architect—None.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland. \$3750

DWELLING
(5478) E EIGHTY-SEVENTH AVE. 45 N Plymouth St., Oakland. 1-story 5-room dwelling.
Owner—Earl Derry, 1709 87th Ave., Oakland.
Architect—None.
Contractor—Allen Bros., 1615 83rd Ave., Oakland. \$4000

CONCRETE WORK
(5479) POR. LOTS 22 AND 23, Buena Vista Homestead, Piedmont. General contract for concrete drive, walk, walls, steps, terraces, etc.
Owner—Dr. Daniel Crosby, 311 Mountain Ave., Piedmont.
Architect—Howard Gilkey, Dalziel Bldg., Oakland.
Contractor—George Cotterill, 5354 Lawton St., Oakland.
Filed Oct. 16, 1924. Dated Oct. 15, 1924.
1st and 15th of each month 75% of value of work in place until 70% of contract is paid.
When completed, 5%.
Remaining 25% 36 days after acceptance.

TOTAL COST, \$3800
Bond, \$3800. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 60 working days from Oct. 15, 1924. Plans and specifications filed.

FRAME BLDG.
(5480) ON NE LINE OF GRAND AVE. distant NW 97.67 ft. from W line of Park View Terrace, Oakland. General construction of 2-story and basement frame bldg.
Owner—Dr. L. P. Adams and Dr. W. H. Streilmann, Federal Bldg., Oakland.
Architect—William E. Milwain, Pacific Bldg., Oakland.
Contractor—F. W. Maurice, 505 E-22nd St., Oakland.
Filed Oct. 16, 1924. Dated Oct. 14, 1924.
When frame is up \$8074.50
1st coat of plaster \$874.50
When completed \$874.50
Usual 35 days \$32,298
TOTAL COST, \$32,298
Bond, \$32,298. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 24th of Feb., 1925. Plans and specifications filed.

RESIDENCE
(5481) NO. 1653 GRAND AVE., Piedmont. Residence and garage.
Owner—R. M. Myers, 33 Estrella Ave., Piedmont.
Architect—None.
Contractor—R. M. Myers, 33 Estrella Ave., Piedmont. \$5500

RESIDENCE
(5482) NO. 127 HAGAR ST., Piedmont. Residence and garage.
Owner—F. A. Johnson, Castle Apts., Oakland.
Architect—None.
Contractor—J. W. Scammell, 206 Mountain Ave., Piedmont. \$6800

RESIDENCE
(5483) NO. 46 BO'LEAVARD WAY. Piedmont. Residence and garage.
Owner—L. C. Harrison, 3422 Piedmont Ave., Piedmont.
Architect—None.
Contractor—S. Morris & Son, 1162 Quincey St., Oakland. \$2200

DWELLINGS
(5484) NO. 2321-2323-2340 BROWNING ST., Berkeley. Three dwellings.
Owner—Lewis & Metcalf, 412 15th St., Oakland.
Architect—S. C. Walker, 3231 Boston Ave., Berkeley.
Contractor—S. C. Walker, 3231 Boston Ave., Berkeley. \$2500 each

DWELLING
(5485) NO. 2000 ROSE ST., Berkeley. Duplex dwelling.
Owner—M. Haley, Addison St., Berkeley.
Architect—None.
Contractor—Davis & Sprinkling, 2077 University Ave., Berkeley. \$6000

DWELLING
(5486) NO. 119 HARTE ST., Berkeley. Dwelling.
Owner—F. B. Wright, 1318 Euclid Ave., Berkeley.
Architect—None.
Contractor—M. Bachelder, 1538 Carlton St., Berkeley. \$2500

DWELLING
(5487) NO. 2216 CURTIS ST., Berkeley. Dwelling.
Owner—Lewis & Metcalf, 412 15th St., Oakland.
Architect—C. Walker, 3231 Boston Ave., Berkeley.
Contractor—S. C. Walker, 3231 Boston Ave., Berkeley. \$2500

DWELLING
(5488) NO. 614 PERALTA, Berkeley. Dwelling.
Owner—Davis & Sprinkling, 2077 University Ave., Berkeley.
Architect—None. \$2500

RESHINGLE
(5489) NO. 2113 DURANT ST., Berkeley. Re-shingle building.
Owner—W. Ellis, 2236 Grove St., Berkeley.
Contractor—None.
Contractor—W. Ellis, 2208 Grove St., Berkeley. \$1000

DWELLING
(5490) E 35TH AVE 105 N PORTER ST., Oakland. 1-story 4-room dwlg.
Owner—Laura & Elmer Gehly, 2036 Franklin St., Oakland.
Architect—None.
Contractor—Elmer E. Gehly, 2036 Franklin St., Oakland. \$2500

DWELLINGS (2)
(5491) 5627 - 5633 ROBERTS AVE., Oakland. Two 1-story 6-room dwellings.
Owner—A. E.orton, 2558 Seminary Av., Oakland.
Architect—None. \$5000 each

ALTERATIONS
(5492) 6208 - 10 CLAREMONT AVE., Oakland. Alterations.
Owner—Davis & Jacks.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. \$1500

DWELLING
(5493) NW COR HIGH & MASTERSON STS., Oakland. 1-story 6-rm. dwelling.
Owner—Frank Havelka.
Architect—None.
Contractor—E. W. Burton, 3484 Davis St., Oakland. \$3000

DWELLING
(5494) N UTAH ST 48 E 81ST AVE., Oakland. 1-story 3-room dwlg.
Owner—C. H. Hawkes, 3426 Boston Av., Oakland.
Architect—None. \$1200

DWELLING & GAR.
(5495) 2948 CALIFORNIA ST., OAKLAND. 1-story 5-room dwelling.
Owner—F. W. S. Brookes, 3456 Fruitvale Ave., Oakland.
Architect—None.
Contractor—W. R. Brookes, 3456 Fruitvale Ave., Oakland. \$4050

DWELLING
(5471) 640 BOULEVARD WAY, OAKLAND. 1-story 5-room dwelling.
Owner—Thos. Rudeck, 1425 Myrtle St., Oakland.
Architect—None.
Contractor—G. H. Noble, 1336 Park St., Alameda. \$7200

DWELLING & GARAGE
(5472) N 56TH ST 300 W SHATTUCK AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—C. A. Heitman, 714 44th St., Oakland.
Architect—None. \$3800

DWELLING
(5473) 2667 HAVENSCOURT BLVD., Oakland. 1-story 6-room dwlg.
Owner—Wm. C. & Margaret Peterson, 1538 6th St., Alameda.
Architect—None.
Contractor—H. L. Hayden, 2539 Bartlett St., Oakland. \$5000

DWELLING
(5499) 742 LERIDA AVE., OAKLAND.
1-story 5-room dwelling.
Owner—G. A. Taylor.
Architect—None.
Contractor—Anderson & Harwood, 2452
345th Ave., Oakland. \$4000

DWELLINGS (2)
(5497) 2305 E. 2315 96TH AVE., OAK-
LAND. Two 1-story 4-room dwlg.
Owner—May C. Davidson, 1524 Alice
St., Oakland.
Architect—None.
Contractor—C. H. Davidson, 1514 Alice
St., Oakland. \$2500 each

DWELLING & GARAGE
(5498) 2542 23RD AVE., OAKLAND.
1-story 4-room dwelling.
Owner—J. E. Sprague, 4518 Edgewood
Ave., Oakland. \$3350
Architect—None.

DWELLING & GARAGE
(5495) 2546 23RD AVE., OAKLAND.
1-story 3-room dwelling and gar.
Owner—J. E. Sprague, 4518 Edgewood
Ave., Oakland. \$5200
Architect—None.

DWELLING & GARAGE
(5500) 454 60TH ST., OAKLAND. 1-
story 4-room dwelling and gar.
Owner—J. C. Deubery, 1797 7th St.,
Oakland.
Architect—None.
Contractor—Geo. H. Johnson, 5466
Claremont Ave., Oakland. \$3225

DWELLING
(5501) 687 ARLINGTON, BERKELEY.
Dwelling.
Owner—E. Chandler, Berkeley.
Architect—Roy Bancroft, Hotel St.
Marks, Oakland.
Contractor—E. F. Henderson, 2737
Forest Ave., Berkeley. \$2000

ALTERATIONS
(5502) 92 SEA VIEW, PIEDMONT.
Alterations.
Owner—W. C. Dallas, 92 Sea View
Ave., Piedmont.
Architect—None.
Contractor—J. Weston, 1731 Dwight
Way, Berkeley. \$20,000

APARTMENTS
(5503) 18 37TH ST. 225 W GROVE ST.,
Oakland. 2-story 12-room apt.
Owner—J. Norris.
Architect—None.
Contractor—H. E. Norris, 3466 Wood-
ruff Ave., Oakland. \$9000

(5504) NE COR. E 15TH ST. & ET.
Blvd., Place, Oakland. 1-story
brick garage.
Owner—John & Mary Plasonig, 2543
82nd Ave., Oakland. \$10,000
Architect—None.

APARTMENTS
(5505) SW COR. 5TH AVE. & E 20TH
St., Oakland. Two and 3-story
apartments.
Owner—E. L. Danielson, 2004 Park
Blvd., Oakland.
Architect—None.
Contractor—W. T. Vaughan, 65 Se-
quoia Ave., Oakland. \$14,200

CHURCH
(5506) 26TH AND HARRISON STS.,
Oakland. General construction on
Church building.
Owner—First Congregational Church
of Oakland, 14th and Castro Sts.,
Oakland.
Architect—John Galen Howard and
associates, First Nat. Bank Bldg.,
San Francisco.
Contractor—Clinton Construction Co.
of Calif., 923 Folsom St., San
Francisco.

Dated Oct. 17, 1924; filed Oct. 14, 1924.
On or about the 10th of each month
75% of value of labor and materi-
als incorporated up to the 1st day
of that month.
On completion of work an amount
sufficient to increase total pay-
ments to 75% of total contract
price.
Balance 35 days after contract is
completed.
TOTAL COST, \$232,205.00
Bond, \$141,102.50. Sureties, Globe In-
demnity Co. Forfeit, \$50.00 per day.
Limit, 250 working days from date of
contract. Plans and specifications
filed.

APARTMENT BUILDING
(5507) E. SIDE OF LEE ST 175 N OF
Grand Ave., Oakland. General
construction on 3-story 9-room
apartment building.
Owner—Maud E. Farns, 1426 Franklin
St., Oakland.
Architect—Harry S. Knight, 1426
Franklin St., Oakland.

Contractor—Harry C. Knight, 1426
Franklin St., Oakland.
Filed Oct. 16, 1924; dated Sept. 10, 1924
Bond of Trust \$24,000
1st payment 10,000
Roof on 8,500
Completed and accepted 5,700
TOTAL COST, \$49,000

Bond, none. Sureties, none. Forfeit,
none. Limit 90 working days after
laying mud sills. Plans and speci-
fications filed.

APARTMENTS
(5508) W. SIDE OF WARFIELD AVE.
100 N. of Alameda Blvd., Oakland.
General construction 2-story, 4
apartments and 1 garage.
Owner—Della Graebe, 1426 Franklin
St., Oakland.
Architect—Harry C. Knight, 1426
Franklin St., Oakland.
Contractor—Harry C. Knight, 1426
Franklin St., Oakland.
Filed Oct. 16, 1924; dated Sept. 17, 1924
Bond of Trust \$24,000
1st payment 10,000
Roof on 8,500
Completed and accepted 5,700
TOTAL COST, \$23,500

Bond, sureties, forfeit, none. Limit, 75
working days after laying mud sills.
Plans and specifications filed.
(5509) 2334-36 WEBSTER ST., Berke-
ley. Dwelling and garage.
Owner—Louise Baker 2515 Ashby, Ber-
keley.
Architect—None.
Contractor—Nick Wierk, 404 45th St.,
Oakland. \$7000

DWELLING
(5510) 2123 SACRAMENTO ST., Ber-
keley. Dwelling.
Owner—P. Charbeneau, 535 40th St.,
Oakland.
Architect—Charles Brisco, 535 40th St.,
Oakland. \$3900

DWELLING
(5511) 1537 SPRUCE, Berkeley. Dwlg.
Owner—Mrs. Hunter, Berkeley.
Architect—None.
Contractor—C. Burks, 4129 Randolph
Ave., Berkeley. \$7500

DWELLING
(5512) 676 VICENTE, Berkeley.
Dwelling.
Owner—E. Pettis, 2315 Edwards St.,
Berkeley.
Architect—E. Teicheria. \$5000

APARTMENTS
(5513) 30 117 FORTY-FIRST ST.,
Oakland. Two-story 13-room
apartments.
Owner—A. H. Nunnmacher, 792 19th
Ave., San Francisco. \$12,000
Architect—None.

DWELLING
(5514) NO. 1656 SEVENTY-EIGHTH
Ave., Oakland. One-story 5-room
dwelling and garage.
Owner—Wm. A. Crail, 1921 60th Ave.,
Oakland. \$3250
Architect—None.

REPAIRS
(5515) NO. 1321 E-TWELFTH ST.,
Oakland. Fire repairs.
Owner—J. E. Gantz, 1894 E-12th St.,
Oakland. \$2000
Architect—None.

DWELLING
(5516) S. E-TWENTY-NINTH ST. 75 E
Fruitvale Ave., Oakland. One-
story 3-room dwelling.
Owner—Louise Baddeley, 2780 Fruit-
vale Ave., Oakland.
Architect—None.
Contractor—F. C. Pfang, 5659 Ocean
View Drive, Oakland. \$4900

DWELLING
(5517) W. CHURCH ST. 180 S. Beck St.,
Oakland. One-story 5-room dwell-
ing and garage.
Owner—Louis Saroni, 733 Battery St.,
San Francisco.
Architect—None.
Contractor—C. F. Pond, 6682 E-14th St.,
Oakland. \$3400

REPAIRS
(5518) NO. 667-667 SEVENTH ST.,
Oakland. Fire repairs.
Owner—Syndicate Investment Co., 412
15th St., Oakland. \$1500
Architect—None.

DWELLING
(5519) NO. 2439 EIGHTY-EIGHTH
Ave., Oakland. One-story 4-room
dwelling.
Owner—J. B. Rose, 2433 88th Ave., Okd.
Architect—None.
Contractor—C. A. Cushman, 1675 85th
Ave., Oakland. \$2960

DWELLING
(5520) E SIXTY-SEVENTH AVE 250
N E-14th St., Oakland. One-story
6-room dwelling.
Owner—Louis Saroni, 733 Battery St.,
San Francisco.
Architect—None.
Contractor—C. F. Pond, 6682 E-14th St.,
Oakland. \$3800

(5521) NW NINETEENTH & BROAD-
way, Oakland. Alterations.
Owner—W. & H. C. Lyon.
Architect—None.
Contractor—E. Muller, 805 Syndicate
Bldg., Oakland. \$1000

STORE BLDG
(5522) LOTS 11, 12, 13, 14, 15, 16, 17,
and 18, E. 4th St., Oakland. All work for two-
story Class C store and loft build-
ing.
Owner—Minnie and Dora Walters, 422
38th St., Oakland.
Architect—Schirme Bugbee Co., San
Francisco and Oakland.

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(THE SAN FRANCISCO BANK)

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526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

SERVICE STATION
(5538) S E-TWELFTH ST. E Fruit-
vale Ave., Oakland. 1-story brick
service station.
Owner—R. F. Carlan and F. W. Poeller
Oakland.
Architect—None.
Contractor—J. H. Pedgrift, 4106 Broad-
way, Oakland. \$200

ADDITION

(5559) SE COR. E-FOURTEENTH ST. and 18th Ave., Oakland. Addition. Owner—J. C. Culler. Architect—Paul Lavigne, 3124 San Pablo Ave., Oakland. \$8900

STORES

(5560) NW COR. CALAVERAS AVE. and Tompkins St., Oakland. 1-story 5-rooms. Owner—W. A. Wheeler, 6332 Outlook Ave., Oakland. Architect—None. \$1750

DWELLING

(5561) S E-TWENTY-THIRD ST., 75 E 24th Ave., Oakland. 1-story 6-room 2-family dwelling. Owner—F. F. Bacon, 411 15th St., Oakland. Architect—None. Contractor—L. M. Sims, 1812 Virginia St., Berkeley. \$4800

ALTERATIONS

(5562) W WALKER AVE. 500 S Mandana Blvd., Oakland. Alterations. Owner—Thas Sigourney, 732 Grand Ave., Oakland. Architect—None. Contractor—Graft-Winlund Co., 1761 Franklin St., Oakland. \$2000

DWELLINGS

(5563) 1136 AND 1110 SEVENTY-FOURTH AVE., Oakland. Two 1-story 5-room dwellings. Owner—A. T. Andersen, 2348 62nd Ave., Oakland. Architect—None. Each, \$3000

DWELLING

(5564) 3768 SHAFTER AVE., Oakland. 1-story 4-room dwlg. Owner—C. J. Rommow, 3768 Shafter Ave., Oakland. Architect—None. Contractor—W. H. Kane, 678 29th St., Oakland. \$2500

DWELLING

(5565) S HYDE ST., 280 W Peralta Ave., Oakland. 1-story 5-room dwelling. Owner—Mr. A. S. Balfinch, Hyde St., Oakland. Architect—None. Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. \$3950

DWELLING

(5566) 1365 BERKELEY WAY, Berkeley. Dwelling. Owner—R. Liebig, 1709 Allston Way, Berkeley. Architect—None. \$3500

DWELLING

(5567) 1636 LE ROY, Berkeley. Dwelling. Owner—C. Jensen, 1635 La Loma, Berkeley. Architect—Walter Falch. \$4400

DWELLING

(5568) 837 CAMELIA ST., Berkeley. Dwelling. Owner—J. Foran, cor. Russell and Ellworth Sts., Berkeley. Architect—J. Harvey, 2916 Telegraph, Berkeley. Contractor—J. Harvey, 2916 Telegraph, Berkeley. \$1800

DWELLING

(5569) 1845 SIXTH ST., Berkeley. Dwelling. Owner—J. Foran, cor. Russell and Ellworth Sts., Berkeley. Architect—J. Harvey, 2916 Telegraph, Berkeley. Contractor—J. Harvey, 2916 Telegraph, Berkeley. \$2000

DWELLING

(5570) 2509 COLLEGE AVE., Berkeley. Dwelling. Owner—Mrs. Graham, 2509 College, Berkeley. Architect—None. Contractor—F. Crane, 1231 Glen St., Berkeley. \$1000

ADDITION

(5571) 2011 ESSEX STREET, Berkeley. Addition and repairs. Owner—James and Lawrence, 2011 Essex St., Berkeley. Architect—None. Contractor—Andrew Gow, 501 Hardy St., Oakland. \$1600

DWELLINGS & GARAGES

(5572) NE COR. 104TH AVE & ROYAL ANN., SE COR. 103rd Ave. and Griffin Ave. Two 1-story 8-rm. 2-family dwellings and garages. Owner—E. E. & A. L. Stone, 804 Claus Spreckles Bldg., S. F. Architect—None. \$6800 ea.

DWELLING

(5573) 2649 COLE STREET, Oakland. 1-story 6-room dwelling. Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland. Architect—None. \$4250

DWELLING

(5574) 2901 MADERA AVE., Oakland. 1-story 6-room dwelling. Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland. Architect—None. \$4200

DWELLING

(5575) 3154 KINGSLAND AVE., Oakland. 1-story 5-room dwelling. Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland. Architect—None. \$4000

APARTMENTS

(5576) N WELDON ST 67 E WALKER Ave., A. & S. M. Gillespie, 2906 Regent St., Berkeley. 1-story 16-room apartments. Owner—A. & S. M. Gillespie, 2906 Regent St., Berkeley. Architect—None. Contractor—M. Gillespie, 2906 Regent St., Berkeley. \$12,000

KILN

(5577) SOUTHERN PACIFIC YARDS, Oakland. 1-story concrete and tile dry kiln. Owner—Southern Pacific Co., Oakland, Calif. Architect—None. \$12,000

(5578) LOT 15 AND W 10 OF LOT 16 Blk 11 Lakeshore Highlands Addition, Oakland. General construction on 2-story and basement frame dwelling. Owner—Don D. Weaver and Alice K. Weaver, Oakland. Architect—Frederick Miles. Contractor—A. Frederick Anderson, Oakland. Filed Oct. 21, 1924, dated Oct. 16, 1924. When frame is up \$1000. When plastered \$1000. Completed and accepted \$1000. Usual 35 days. TOTAL COST, \$7736.50. Bond, \$3868.25. Sureties, Nils Anderson, Forfeit, none. Limit, 90 working days after Oct. 18, 1924. Plans and specifications, none.

DWELLINGS (5579) NO. 2904-06-10-12 ADAMS ST., Alameda. Four one-story 5-room dwelling. Owner—Hally & Co., 2315 Santa Clara Ave., Alameda. Architect—None. \$3500 each

DWELLINGS (5580) NO. 303-309 CENTRAL AVE., Alameda. Two one-story 6-room dwellings. Owner—Hally & Co., 2315 Santa Clara Ave., Alameda. Architect—None. Contractor—Jas. Ventre, Oakland. \$4000 and \$750 respectively

DWELLING (5581) NO. 2723 CALHOUN ST., Alameda. One-story 6-room dwlg. Owner—G. H. Noble, 1336 Park St., Alameda. Architect—None. \$4000

DWELLING (5582) E PARKER AVE 123 NEY AV., Oakland. 1-story 5-room dwlg. Owner—E. T. Minney, 427 14th Street, Oakland. Architect—None. Contractor—Grant McMurty, 427 14th St., Oakland. \$3600

DWELLING (5583) N 59TH ST., 90 E GENOA ST., Oakland. 1-story 5-room dwelling. Owner—J. V. Frazer, 2324 Peralta Av., Oakland. Architect—None. \$3250

DWELLING

(5584) 2314 58TH AVE., OAKLAND. 1-story 5-room dwelling. Owner—W. Glantz, 4122 East 14th St., Oakland. Architect—None. \$4000

DWELLINGS (2)

(5585) 1039-1043 92ND AVE., OAKLAND. Two 1-story 3-room dwlg. Owner—C. D. Boorman, 10035 East 14th St., Oakland. Architect—None. \$1500 ea.

DWELLING & GARAGE

(5586) 1500 77TH AVE., OAKLAND. 1-story 3-room dwelling and garage. Owner—Grace E. Hickok, 1433 46th Av., Oakland. Architect—None. Contractor—R. F. Wightman, 1045 Victoria Ave., San Leandro. \$2100

DWELLING

(5587) S B-ST. 90 E 87TH AVENUE, Oakland. 1-story 5-room dwlg. Owner—Manuel Viera, 1430 16th Av., Oakland. Architect—None. \$2500

(5588) 4039 FULLINGTON ST., OAKLAND. 1-story 4-room dwlg. Owner—G. W. Berkos, 3333 38th Ave., Oakland. Architect—None. Contractor—J. F. Sutton, 4033 Fullington St., Oakland. \$3000

(5589) 534 11TH STREET, OAKLAND. Brick addition. Owner—Garaboldi Tamale Co., 534 11th St., Oakland. Architect—None. Contractor—O. V. Fortin, 2359 Waverly St., Oakland. \$1000

(5590) 2221 14TH AVE., OAKLAND. 1-story 5-room dwelling and garage. Owner—Chas. F. Brown, 1707 Broadway, Oakland. Architect—None. \$3200

DWELLING

(5591) W MONTICELLO AVE., 500 N Virginia St., Oakland. 1-story 5-room dwelling. Owner—R. W. Murphy, Maxwell Hdw. Co., Oakland. Architect—None. Contractor—L. Zwaal, 2748 Monticello Ave., Oakland. \$3600

ADDITION

(5592) 5728 DOVER ST., OAKLAND. Addition. Owner—Chas. Nettler, 5728 Dover St., Oakland. Architect—None. Contractor—Alex Bunney, 5728 Dover St., Oakland. \$1800

DWELLING

(5593) 1030 UNDERHILL RD., OAKLAND. 1-story 6-room dwelling. Owner—Karl S. Fredericksen, 16 Bonita Ave., Piedmont. Architect—None. \$5000

ALTERATIONS

(5594) 420-422 MOSS AVE., OAKLAND. Alterations. Owner—Walter Prescott, 424 Moss Av., Oakland. Architect—None. Contractor—S. L. Stewart, 646 42nd St., Oakland. \$5000

DWELLING

(5595) 3253 LYNDE ST., OAKLAND. 1-story 3-room dwelling. Owner—Gustav Straub. Architect—None. Contractor—Jos. Flittner, 1700 35th Ave., Oakland. \$2000

DWELLING

(5596) S LONGRIDGE RD., 150 W Grosvenor Place, Oakland. 2-sto. 6-room dwelling. Owner—Dr. Don Weaver. Architect—None. Contractor—A. F. Anderson, 2800 Delaware St., Oakland. \$7736

DWELLING

(5597) N HOPKINS ST., 140 E MAPLE AVE., Oakland. 1-story 4-rm. dwelling. Owner—F. S. Taylor, P. O. Box 97, Fruitvale, Oakland. Architect—None. \$2750

GLASS



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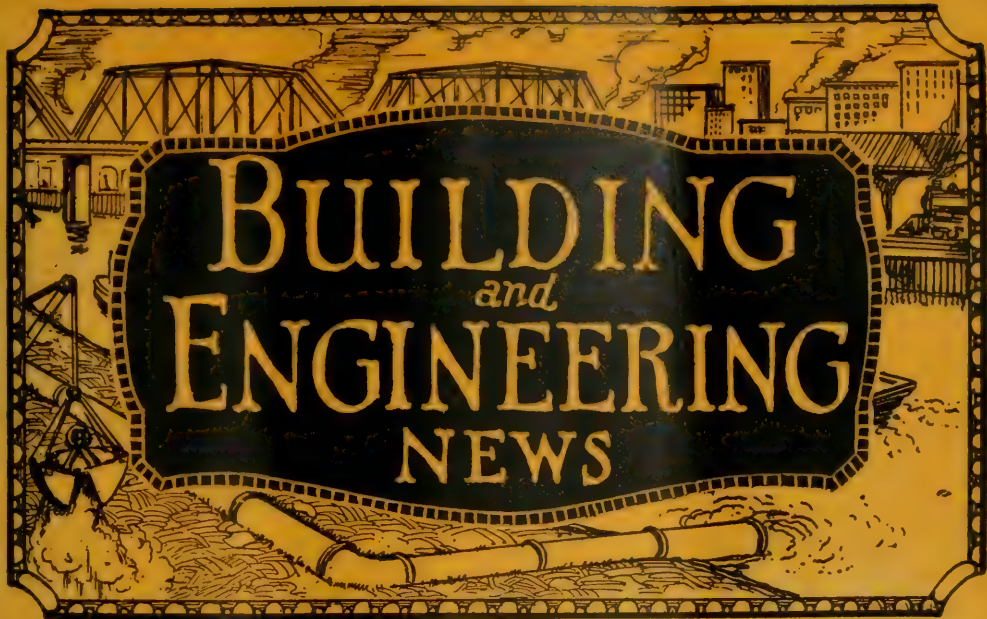
OAKLAND
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Economy*

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San Francisco Oakland
San Rafael

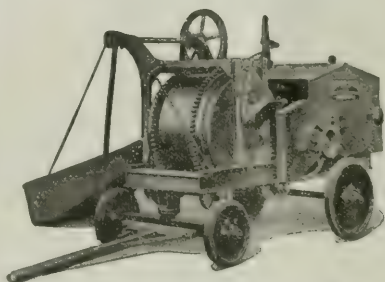
*Appearance
Comfort*

Board

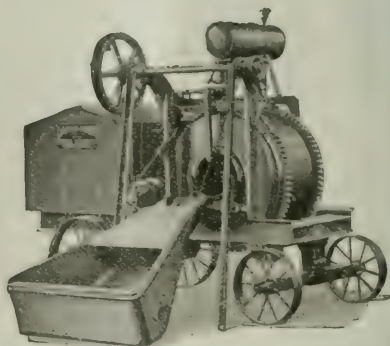
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Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

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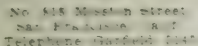
LOS ANGELES

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

... Every Saturday

SAN FRANCISCO, CALIF NOVEMBER 1, 1924

The "Apostle's Creed" is a statement of faith.



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ELEVATOR ACCIDENTS ELIMINATED BY DOOR INTERLOCK

Although the investigation of any local character is not recommended, the Bureau will not object to the carrying out of a general investigation of the extent to which the Japanese Warship has observed the rules of international law in this particular shipping route. The Bureau is of the opinion that such an investigation is not warranted. It is recommended that the Bureau should be kept advised of any developments in this matter, and that the door can be opened, and the investigation should be resumed at any time.

During the past year the Bureau of Standards has been conducting tests to determine the reliability of the various types known on the market. The results have been given endurance tests under normal conditions. They have been tested in a corrosive atmosphere of humidified hydrogen sulfide without lubrication and under conditions of misalignment likely to occur in practice.

The tests were conducted at the request of the House of Representatives and will permit city governments to base their approval of such devices on actual performance tests instead of on actual inspection alone. The results have shown that these devices are of the beneficial nature of the equipment tested and it is hoped these tests have improved their designs in accordance with the suggestions offered.

BUILDING MATERIAL EXPORTS INCREASE DURING HALF YEAR

Notwithstanding its success in the national elections, the party continued to be criticised from the United States because the first half of that century was not devoted to the abolition of slavery and the United States Army and Navy.

During the January-June period of this year there was shipped abroad, according to figures from Mexico, 60,789 tons of lumber valued at \$11,242,000, compared with 58,242 tons valued at \$10,242,000 during the same period in 1923. This represents an increase of 4.4 per cent in quantity and 3 per cent in value for the first half of 1924. Exports of logs and timber made a noteworthy increase in value, from \$10,242,000 to \$11,242,000, or about one-tenth more, and a gain in quantity shipped abroad from 58,242 to 60,789 tons, or about two feet, or 80 per cent above the 1922

Figures for pipes and pipe fittings also helped to swell both the value and quantity of our increase in exports. During the same period, the value of our exports of pipes and pipe fittings increased from \$14,264,000 for the first half of 1964 to \$17,100,000 for the second half. Quantity of exports increased from 11,100 tons to 12,100 tons. Value of our exports of structural iron and steel increased from \$6,658,000 to \$6,973,000 can be attributed to higher prices for this construction material, as the volume declined 17 per cent from 228,288 tons to 189,581 tons. On the other hand, the export of paints, pigments and enamels, although falling 5 per cent in value, from \$7,944,000 to \$7,541,000, increased 18 per cent from 68,233 tons to 70,421 tons.

Exports of paper boards increased in quantity from 26,549,000 to 36,949,000 pounds, or 39 per cent; but hydraulic cement declined 8 per cent from 198,551,000 to 183,687,000 pounds. Iron and steel bars and rods decreased in volume shipped from 246,891,000 to 168,957,000 pounds, or 32 per cent; and rails from 53,368,000 to 45,146,000 pounds, or 15 per cent.

TIMBERMEN VIEW FUTURE

With more than 8,000,000 acres of cut-over timberland now on the hands of Pacific Coast logging companies, the industry is finally beginning exhaustive study and research of its problems, both present and future. So declared E. T. Allen, forest economist of the Western Forestry and Conservation Association, in one of the principal addresses before more than 410 registrants at the annual Pacific Logging Congress in session at Portland, Ore.

SAFETY CALENDAR ISSUED

The National Safety Council, 168 North Michigan Ave., Chicago, has issued the council's calendar for 1925. The calendar surpasses any of the council's past productions inasmuch as it is highly colored and has a safety picture story for each of the twelve months. On the reverse side of each sheet is printed information on general accident prevention. Firms interested in securing only the calendar should communicate direct with the council headquarters in Chicago.

HIGHWAY SPECIFICATIONS TALKED AT WASHINGTON

[illegible]

With regard to highway illumination, it was reported that the Pacific states are making rapid progress. California is planning a highway lighting system for the route between Los Angeles and San Francisco; while legislation is ~~being~~ to be introduced in Washington and Oregon providing for illumination of highways to increase safety. California's plan, which has been approved by the U. S. Dept. of Commerce, will divert so much commercial truck traffic from day to night. Michigan, which, three years ago, had no highway illuminations, leads the other states in this respect today.

The United States bureau of public roads, it was stated by E. W. James of the bureau, is recommending that consideration be given to further development of this subject. Standards of lighting, both for the volume of light and from the standpoint of expense, were discussed, as it was recognized that there are certain rural roads which carry as great volume of traffic as city streets and should be lighted, such action will take time to develop.

Rapid growth of motor traffic has placed before highway officials of the various states a huge problem to provide for the reconstruction of obsolete types of "high crown" roads, to obtain adequate rights of way for future expansion, to improve the safeguards at curves and grades, to eliminate grade crossings and one-way bridges, and to increase the maximum carrying capacity of existing roads, the discussion revealed.

OAKLAND SPENDING \$20,000,000 FOR MUNICIPAL IMPROVEMENTS

The gigantic program for municipal improvement of Oakland and the East Bay cities is reflected in a report of the Oakland Chamber of Commerce which shows that more than \$29,000,000 worth of municipal improvements are now under way or projected in the district.

School building programs total \$14,000,000 while streets, sewers and the estuary tube total \$10,235,000.

More than \$12,000,000 worth of business property improvements will be completed or begun during the current year within six blocks of Fourteenth and Broadway.

Of the 4,069,830 short tons of lime sold in the United States in 1923, it is said that 2,131,532 tons were used in the construction industry. This meant an expenditure of at least \$22,521,628. Part of this tonnage, 1,219,515 short tons, was reported as hydrated lime.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



During the fiscal year ending June 30, 1924, a total of 28,658 skilled building craftsmen entered the United States from foreign countries and were added to the working forces of contractors. This number represents an increase of 38 per cent over the total number in the same crafts which came to this country during the year ending June 30, 1923. The following table shows the ratio of the increases in the six crafts reported by the United States Bureau of Labor Statistics.

BUILDING TRADE IMMIGRANTS

	Immigra- tion in Year End- ing June 30, 1923	Immigra- tion in Year End- ing June 30, 1924	Percentage of Increase in Year End- ing June 30, 1924
Carpenters	12,505	16,420	33½
Bricklayers and masons.....	3,276	5,452	66
Painters and glaziers.....	2,550	3,937	54
Plasterers	503	769	52
Plumbers	1,197	2,080	74
Total	20,751	28,658	38

Suit has been filed in the Superior Court at Marysville against the directors of the Honcut-Yuba Irrigation District by F. P. and V. T. McCray, San Francisco engineers, for \$30,000, who allege that the directors of the district failed in an agreement with the engineers and were guilty of a breach of contract. The plaintiffs claim they were employed under contract in January, 1920, to do engineering work to bring the water to the district, and that on October 3, last, the directors abandoned their enterprise and forced the engineers out of their job. They say that the directors advanced them \$7000 for expenses, and charged that if the work had been completed it would have netted them a fee of \$120,000.

All elevators installed in San Francisco after January 1 must be equipped with modern and expensive safety devices, if the State Industrial Accident Commission adopts the tentative elevator safety ordinance now being perfected. The principal innovation in the proposed ordinance calls for an interlocking system which prevents the starting before doors are locked and closed, or at least not more than three inches apart when locked.

The London Board of Trade statistics of exports of iron and steel in September show a total of 264,000 tons, as against 334,000 tons in September, 1923. Exports in August had been 301,000 tons. Imports of pig iron were 21,000 tons, as against 4000 tons in September last year. Imports of iron and steel of all classes were 207,000 tons, compared with 116,000 tons in September, 1923.

Imports into the United States of hydraulic cement during August amounted to 192,634 barrels, valued at \$305,690, according to the department of commerce. In 1923 imports totaled 1,678,636 barrels, valued at \$2,964,098. Exports of hydraulic cement in August were 85,883 barrels, valued at \$251,904.

Dwelling house construction in Oakland for 1924 will exceed that of last year by more than 20 per cent. During the first nine months of this year a total of 3754 homes, costing \$4000 on the average had been constructed.

Latest reports indicate the lumber cut increasing at the West Coast mills with sales considerably below production; stocks, however, are still considerably below normal.

One of the most important lumber mill and timber limit deals that has taken place in British Columbia is reported in lumbering circles at Seattle as being under way. The deal is said to involve the two mills and all the timber limits of the B. C. Mills, Timber & Trading Co., which include the pioneer local plant known as the Hastings mills, another large mill at Port Moody, extensive timber limits in various advantageous locations along the coast up to the north end of Vancouver island, an ocean-going schooner, several tugs and a number of scows. Altogether approximately \$10,000,000 is involved in the deal for these properties, according to Seattle men. The purchasers are understood to be the Long-Bell Lumber Co., a big American syndicate which has been operating on an extensive scale at its own model town in Southern Washington, Longview.

Reporting construction activities in the twelfth federal reserve district, John Perrin, Federal Agent, in his report made public today, says: "Building permit values did not decline by the usual seasonal amount from August to September (the number of permits issued showed an increase), and for the first time since February, 1924, the number and value of building permits issued in 20 principal cities were larger than in the corresponding month a year ago. Cumulative totals of number and value of building permits issued during the first nine months of this year are less than 4.0 per cent below the record figures reported for the same period in 1923, when building costs averaged 9.3 per cent higher."

More interest is now being taken in industrial standardization than even before according to the new year book of the American Engineering Standards Committee. One hundred and fifty-two projects have been completed, or are under way, and two hundred and thirty-five national organizations, technical, industrial and governmental are officially co-operating in the movement. Of these projects thirty-one have to do with the building industry.

According to the Forest Products Laboratory, 70% of the wood in a forest is wasted; only 30% is utilized. Of the logs cut 59.7% is waste and 40.3% lumber. Finally the rough lumber is worked up 89% in car construction, with 11% waste, 85% in the building trades and 82% in boxes. The waste in each case making up 100%.

A. W. Keddie, engineer of Plumas County, Cal., died in Quincy, October 22, at the age of 82 years. Keddie was a native of Scotland and came to the United States at the age of 21 years. His chief accomplishment, which brought him the local title of "Father of the Western Pacific," was the location of a survey up the North Fork of the Feather River, which was adopted by the Western Pacific as a rail route over the mountains from Oroville to the East.

City Engineer Van Norman has recommended to Los Angeles city council the establishment of a branch office of the city engineering department in Hollywood to take care of street improvement work in that district. He also recommends discontinuance of the plan of employing outside engineers to prepare drawings for street work which the department has been unable to make on account of the congestion of work in the department.

Frank Nikirk, F. D. Duncan and B. F. Barbee have filed applications with the San Leandro city trustees seeking the appointment of city engineer which office carries the duties of building inspector, sanitary inspector, electrical inspector and health officer. The position pays a salary of \$250 a month. Applications will be considered November 3.

J. O. Marsh has been appointed chief engineer of the Los Angeles board of public utilities, succeeding Fred A. Lorentz, resigned. Mr. Marsh has been office engineer of the California highway commission at division headquarters in Los Angeles for the last seven years.

Frederick R. Siegrist has severed his connection with the Larsen-Siegrist Company, Inc. and with N. H. Sjöberg has formed the F. R. Siegrist Company, a general building construction, with offices in the Williams Bldg., San Francisco.

Chas. H. Lee of San Francisco, an expert on water resources of the West, has been commissioned as a consulting engineer by the Los Angeles Public Service Commission to outline a solution of the Owens Valley water rights dispute.

A. E. Loder, a member of the Committee of Nine on California State Highways, urges a system of state highways on which motorists can travel at a speed much faster than present congested conditions permit.

E. F. Lippert has been named an inspector in the Berkeley City Street Department. The appointment was made by City Manager Eddy.

Perry Brown, Fresno engineer, has been named city manager at Porterville, at a salary of \$350 a month.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

OREGON STATE ARCHITECTS PLAN PERMANENT ORGANIZATION

A representative gathering of architects from all sections of Oregon, numbering about fifty, attended a recent get-together meeting in the chamber of commerce building at Portland.

A committee including Messrs. H. Whitehouse, C. A. Houghbalding, Martin Schacht and Edgar Johnson were delegated to get the architects together with the view of establishing better relations and a more intimate acquaintanceship between members of the profession from the entire state with the result that this meeting was called. While a number of architects are members of the American Institute of Architects, there is no organization which includes in its membership all the architects of Oregon state. A permanent organization will result from this meeting and it is planned to meet once or twice a year.

After five-minute talks from a number of those present, a lecture on the methods of manufacture of terra cotta was explained by F. S. Laurence, secretary of the National Association of Terra Cotta manufacturers. The lecture was illustrated with views showing the various stages of manufacturing the product.

BUILDERS' BOND RULING

A court decision of special interest to builders, contractors and surety companies is reported from Los Angeles.

That minor changes in plans and specifications for the construction of a building do not void the bond of a contractor, where the bond is issued by a surety company, is held by Judge Ira F. Thompson of the Superior Court of Los Angeles County in a decision in a long drawn out suit. The action was that of H. D. Bowman, owner of the Westinghouse building, against Earl E. Newcomb, contractor, and the Maryland Casualty Company.

The court holds that only major changes in plans that would substantially alter the commitment of the surety should serve to void the obligation of the bond. In other states the rules outlined by Judge Thompson have prevailed for years. They are in line with a recent decision of the California Supreme Court.

OFFICERS NOMINATED

At the fall meeting of the executive board of the Associated General Contractors at Des Moines, Iowa, George E. Walbridge of the Walbridge Aldinger Company, Detroit, was nominated for president and Harry Baum of Salt Lake City, Utah, was nominated for vice-president. C. S. Downey of Seattle and Godfrey Edwards of Los Angeles have been nominated for vice-president from Zone 5. The next annual meeting of the A. G. C. will be held in Washington, D. C., in 1925.

BUILDERS DISCUSS BONDS

Directors of the Fresno Builders' Exchange and members of the Fresno Board of Education are holding joint meetings to determine on a school construction program for which an election will be held to vote bonds to finance the improvements. A number of new schools are planned. Additions and alterations will be made to standing structures.

Urges State License for Contractors

In a recent issue of the News Letter of the Southern California Chapter, Associated General Contractors, F. A. Schilling of the contracting firm of Schilling and Brown, urges a state license for contractors. In part, Mr. Schilling says:

"The city attorney of Los Angeles was recently requested by the state department of labor to draft an ordinance requiring all building contractors to be licensed in order that fly-by-night and irresponsible contractors may be eliminated.

"It is only a question of time until licensing of contractors will be an accomplished fact and our association should get back of this matter and insist on a state examination. Licensing of contractors by the various municipalities is only a make-shift and will impose an unnecessary tax on each and every one of us. A contractor who understands his business and possesses the required skill, integrity and responsibility, should not be opposed to certification of contractors by the state, and certainly will have no difficulty in passing an examination. A

contractor who cannot qualify should not be allowed to construct anything except small bungalows and sheds.

"This examination should be conducted by a state board of examiners composed of men of the highest calibre appointed by the governor, and our association should have a voice both in the selection of this board and the drafting of the law. Local licensing will not eliminate irresponsible contractors any more than surety bonds have done in the past.

"A distinctive name should be provided for all certified contractors and it should be a misdemeanor for anyone to use that name in connection with his business unless he has been certified by the state board. This certainly would place our profession, or business, if you please, on an equal footing with that of architects, attorneys and other professions.

"It should also be provided in this law that only such contractors as are actually engineers be permitted to style themselves 'engineer' or to use this word in conjunction with any other word."

PORTLAND WAGE SCALE

Wages in the construction industry of Portland, Ore., October 1, as announced by the Builders' Exchange of that city follow:

Journeyman	\$ 3.00
Asbestos workers	10.00
Bricklayers	6.50
Bricklayers' hodcarriers	8.00
Carpenters	9.00
Cement finishers	9.00
Electrical workers	8.00
Engineers, traveling crane	5.50
Labor, common	6.00
Laborers, skilled	9.00
Lathers	9.00
Marble setters	9.00
Marble cutters	8.00
Millwrights	10.00
Model makers	8.00
Model casters	8.00
Painters	11.00
Pipe drivers	8.00
Plasterers	8.00
Plasterers' hodcarriers	7.00
Plumbers	8.50
Roofers, composition	7.20
Sheet metal workers	9.00
Sprinkler fitters	8.00
Steamfitters	8.00
Steel builders	10.00
Stone setters, soft and granite	8.50
Tile setters	

STOCKTON CITY HALL HEARING SET

J. LeRoy Johnson, city attorney of Stockton, announces that the city hall contract cases, Stockton vs. Williams and Stockton vs. Gnekow, have been advanced on the calendar for hearing in the appellate court in Sacramento on November 24.

The cases arise out of the awarding of certain contracts for the new city hall. Before the contracts were due to be signed by the mayor the new city hall council rejected the awards, and the mayor refused to sign the contracts. The cases were taken to court, and the city was upheld before Judge G. F. Buck. Appeal was made to the district court of appeals at Sacramento, with the result that the appeal will now be heard on November 24.

OFFICERS ELECTED

George Morris, superintendent of distribution of the Spring Valley Water Company of San Francisco, was elected president of the California Division of the National Waterworks Association at its recent convention in Sacramento. C. B. Jackson, superintendent of the Fresno City Water Corporation, was elected vice president. Samuel Morris, chief engineer of the Pasadena Water Company, was elected secretary. The 1925 convention will be held in Santa Cruz.

EXCHANGE ORGANIZED

The recently organized Builders' Exchange of Wilmington, Calif., has secured quarters in the Marshall building, 305½ Canal Ave., Wilmington. J. W. Potts of San Pedro has been made manager of the Exchange. The officers are: President, Frank McGinley; vice-president, W. E. Harris; secretary, Earl Rosecrans; treasurer, I. J. Rossman; directors, W. F. Seaman, O. J. Cope, H. C. Head and R. L. Porter.

DEFINITION OF BRICK

At the instigation of the Common Brick Manufacturers Association of America, the National Vigilance Committee, which is a department of Associated Advertising Clubs of the World, issued a bulletin in which it defined the word brick "as a solid burned clay product of dimensions approximating 2¼x3½x8". In commenting on the bulletin issued by the Vigilance Committee the weekly news letter of the Common Brick Manufacturers Association says, "the bulletin will establish with publications throughout the country the principle that no commodity should be advertised as brick using the word alone, unless it is made of burned clay, and that all advertising for substitutes should clearly set forth that the building unit is made of some other material than clay."

Legal Decisions

Material Man's Lien Superior to Incumbrancers

Under section 3862, Rev. Laws 1910, the lien of material man for material furnished for the construction of a building is superior to the rights of incumbrancers or purchasers acquired after the commencement of the building; and this applies to an incumbrancer or purchaser between the time the building was commenced and the furnishing of the material.—*Sherbondy vs. Tulsa Boiler and Machinery Co.*, Supreme Court of Oklahoma. 226 Pacific 564.

Subcontractors Loss of Lien

The loss of a mechanic's lien, under C. S. § 2479, subsec. 4, for failure to sue for its enforcement within six months after its filing, does not defeat the statutory right of the claimant to sue the owner, who is liable to the subcontractor under sections 2438-2442 for what he may owe the original contractor, if notice was given before payment to him.—*Porter v. Case*, Supreme Court of North Carolina. 122 South-eastern 483.

Subcontractor's Action Against Contractor

In a subcontractor's action against the contractor for balance due for driving piling in excavation work, an amount representing that expended by defendant in sending a man to hurry up the delivery of piles could not be offset against the contract price; such expense having been incurred without plaintiff's knowledge and consent, and without putting him in default for actual or anticipated delay in completing his contract.—*Reynolds vs. Geo. A. Fuller Co.*, Supreme Court of Louisiana. 99 Southern 412.

SHOULD CONTRACTOR COMPLETE THE INCOMPLETE PLANS?

A minority of the architectural profession makes a practice of turning out incomplete plans which the contractor is required to fill in. Still worse, some architects inadequately check their plans and specifications, yet require the contractor to assume responsibility for work under them. It is small wonder that the contractor is roiled by such practices, and that contractors' organizations are pressing for their abolishment.

Why should a contractor be required to supply drawings of structural details? Primary responsibility rests with the architect, and if he encounters structural features beyond his ability he should employ an engineer to work them out for him. It may be perfectly possible for contractors to provide in their bids for the cost of such work when it is required of them, but such possibility does not make the arrangement desirable.

Architects commonly resent the taking over of their functions by contractors; but when they thrust upon the contractor responsibility for a portion of design they are beginning a course whose logical outcome is to concentrate the whole of both design and construction under a single head. And the practical application of this follows, whether the architect's requirement of the contractor is for the design of specific features or for the assumption of responsibilities for the accuracy of design.

It will be well if the leading organizations of architects, structural engineers and contractors will combine to establish a definite code covering such points. With a code in effect among the societies and associations its practical acceptance among non-members will be so general that the evils will cease to be important.—*Engineering & Contracting*.

Apprenticeship is Principal Topic at Open Shop Conference

The American Plan-Open Shop Conference held on Oct. 20-21 in Oklahoma City was attended by 62 registered delegates, including secretaries of open shop organizations in the printing and construction industries, and by representatives of other industries interested.

The following general contractors were present: M. J. Reinhart, Reinhart and Donovan Company, Oklahoma City, Oklahoma; James Aiken, San Antonio, Texas; Godfrey Edwards, president Builders' Exchange, Los Angeles, California; A. L. Lehr, Lehr Construction Company, St. Joseph, Missouri; Charles W. Gompertz, president, State Builders' Exchange, San Francisco; H. D. Jones, Alameda County Builders' Exchange, Oakland, California; and D. E. Farquharson, San Francisco.

Other Construction Representatives

Among others identified with the building industry were: Sidney E. Cornwell, manager, Open Shop Association, San Antonio, Texas; C. H. Makins, Makins Lumber Company, Oklahoma City; Albert Stenes, Stenes Sash and Door Company, San Antonio, Texas; A. C. Rees, manager, United Associated Industries, Salt Lake City, Utah; A. F. Binns, A. F. Binns Company, Oklahoma City; E. J. Brunner, editor, American Contractor, Chicago; J. E. Landers, secretary-manager, open shop division, Chamber of Commerce, Oklahoma City; G. W. Burgess, secretary-manager, Open Shop Association, Joplin, Missouri; C. O. Vinnecke, secretary-manager, Open Shop Association of Fort Worth, Fort Worth, Texas; R. M. Buey, Open Shop Association of Fort Worth, Fort Worth, Texas; E. H. Davidson, managing director, citizens' Alliance of Ramsey and Dakota counties, St. Paul, Minnesota; Frank L. Dykema, secretary, Associated Building Employers of Michigan, Grand Rapids, Michigan; Paul Elie, Industrial Association of San Francisco, San Francisco; W. H. George, secretary, Henry Cowell Lime and Cement Company, San Francisco; and W. A. Edwards, secretary, Industrial Association of Santa Clara County, San Jose, California.

Apprenticeship Principal Topic

The first topic was one of discussion, with no set speeches. The first general topic was apprenticeship. The consensus of thought on this was that the organization conducting the school must be an open shop organization, and that local conditions must be met. There must be contact between apprentices and employers, while the apprentices are in school, and after. The number to be trained and the continuity of training should be governed by the need for men in the respective trades. There was discussion of the proper financing of training, and while some thought that funds should be derived from general taxation, others thought that all funds should be raised by open shop organizations. Vigilance is the price of success in any movement, and vigilance best goes with the control of funds.

There were many interesting reports of progress in training building trade apprentices; these will be outlined in future issues of the American Contractor.

The matter of employment agencies aroused very productive discussion. Some representatives told of employment agencies that embrace libraries and tool rooms and that operate very efficiently. The employment agency in the building trades must serve the contractors' needs with dispatch. But

the employment agency must be not only an instrument for the benefit of employer, it must in a sense belong to the workman. One case of particularly effective work that is being done by an employment bureau in settling grievances of men regarding employment and wages was cited. This case will be dwelt on further in a later issue.

The employment bureau establishes contact with workers, protects workers in the matter of working relations and wages, creates confidence of the workers in the open shop organization, discourages industrial disturbances, stabilizes wages, disarms agitators, promotes industrial development, and serves as a point of contact between all agencies having employment relations.

Labor Exchange Progress Made

Naturally, labor exchanges were discussed; and it developed that while the matter of relations as between different cities is still far from effective, progress is being made. The members of the conference exchange information regarding supply and demand of men and regarding prevailing wages. But several members admitted that the one way to get men was to send out scouts.

It was pointed out that the craftsmen as well as the employers would be given service. Evil that is inherent in the practice of drawing men from one city to another must be minimized as much as possible.

Discussion of these subjects concluded the first day's meeting as far as the construction industry was concerned.

At the second day's session contractual relations were discussed, and the essence of expressed opinion was that contractual relations be had with labor only from the individual standpoint. The greater part of the day was taken up with matters of an executive nature and with reports of industrial situations in various communities.

The American Plan-Open Shop Conference was organized at a meeting held October 2 and 3, 1922, at Colorado Springs, Colorado. It is not an organization in the common sense of the term, because it has no paid officers, no headquarters, and no set procedure. It is simply a common getting together on call of all interested in the open shop movement. Naturally, there is no restriction as to membership. The following definition of its scope has been adopted:

Since the interest of the general public is of supreme consideration in all industrial as well as political matters, the rights of no class, faction, or party can be permitted to interfere with the greater public interest.

All men, in fact, (for such is the governmental theory) are entitled to follow the vocation or business to which their qualifications incline them. No man should be denied nor should have abridged or interfered with his right to secure and retain employment in any trade or calling on account of his affiliation or non-affiliation with any labor organization or any other society or association. In like manner, no discrimination for or against any man in wages, working conditions, or continuity of employment should exist on account of such membership or non-membership. Furthermore, the right of an employer to hire or discharge employees should not be interfered with in any wise, directly or indirectly.

However, in the maintenance of these principles the employe should not, by economic pressure, boycott, in

concert or otherwise attempt to force the employer to take account of such membership or non-membership; nor should the employer hire exclusively employees of any class and thereby purposefully discriminate against employees of another class.

Absolute Freedom Should Obtain

Nothing should be done either by the employer or the employee to limit in any manner the right of the American youth to leave any calling or enter on any business.

The adoption of the open shop, as defined by the foregoing principles, in our opinion would redound to the immediate and great economic benefit of the American people and give to all employees equal opportunity for fair wages and proper working conditions, and to employers, reasonable conditions of business conduct.

The open shop has not for its purpose the reduction of wages, the lengthening of hours of employment, the lowering of the standards of employment, nor any other oppression of labor. On the contrary, it stands essentially for freedom of employment relationship with the fullest protection of the workman in the matter of wages, hours, and working conditions. —American Contractor.

SHOW PARAFFIN BEST FOR WATERPROOFING STONE

The superiority of paraffin treatments for waterproofing stone has been demonstrated by a weathering test of colorless waterproofing compounds conducted at the Bureau of Standards, Department of Commerce, during the past three years. Samples of Indiana limestone and of sandstone have been used in the tests, one half of each specimen being coated with the waterproofing compound while the other half was left untreated.

Very little deterioration was noticed in the case of the paraffin treatments during the period of the test. Materials using aluminum stearate and mixtures of paraffin and china wood oil were also found to give good waterproofing values when properly applied. Materials consisting of solutions of glue, magnesium fluosilicate, cellulose nitrate, resins, etc., are not sufficiently durable to justify their use, in the opinion of the bureau.

Most of the materials tried discolored the stone to a considerable extent at first, depending on the porosity of the stone. Very dense types were not appreciably discolored while very porous one appeared greasy for several months after treatment. After a year or more of weathering the discoloration disappeared and the treated surface appeared lighter and cleaner than the untreated.

A new series of tests is being started with these materials on dense limestone and marbles. A new compound has recently come into use in England which consists of a silicon ester. This material is being included in the tests.

LIME PRICES CUT

San Jose News, under date of Oct. 27, publishes the following item:

Henry Cowell Lime & Cement Co. reports a drop of 50 cents per barrel on Santa Cruz lime in both carload and less than carload prices. This now brings the retail price in San Jose on Santa Cruz lime to \$2.65 per barrel, whereas the former retail price was \$3.15 per barrel. An allowance of 25c each for empty barrels returned brings the cost to \$2.40 per barrel net. It is expected that this large decline on the price of Santa Cruz lime will greatly stimulate building operations all along the coast.

California's Highway Financing Proposal is Cause for Comment

Reprint from Indiana Highways and Motors

The proper method of imposing a tax upon motor vehicles to raise the funds necessary to complete an adequate system of highways in California is again giving the people and officials of that state much concern. The Governor recently appointed a committee to inquire into the road situation in California and to devise a satisfactory scheme of motor vehicle taxation for highway purposes. The only thing that is unusual about the California situation is that not long ago they departed from the usual licensing methods and adopted a flat registration fee for pleasure vehicles. (California also has a gas tax.) Now, within a few months after adopting the flat registration fee idea, the talk is of returning to a weight tax (retaining and probably increasing the gas tax), as the flat registration fee scheme has proven unsatisfactory both as a method of licensing and as a revenue producer. In discussing the need for revenue for new work so that primary road construction may proceed, the State Highway Engineer of California recently said: "If funds are not provided, State Highway construction will be at an end in the very near future." In other words the hour of awakening has struck.

We are told that when the proposal to make a flat registration fee for pleasure vehicles in California was advocated it met with almost universal approval and was promptly enacted into law. Sure it did! The people thought they were going to get roads without paying for them. Now that the folly of this is realized California seems to be getting ready to junk the flat registration fee idea and get back to a graduated weight tax.

Among the interested people watching this California experiment is Mr. W. M. David, Secretary of the Nevada Highway Association. Here is what he now thinks of the idea:

California's experiment with the flat registration fee has not produced the hoped for results. It was felt that a normal fee for registration, supplemented by the tax on the consumption of gas, would provide for an equitable tax upon motor vehicles. It was pointed out that those who used the roads most would be paying the greatest tax.

The theory seemed all right, but in practice it developed a great deal of discontent especially on the part of the owner of the small car. It was found that owners of small cars, particularly in rural districts, have affixed a body to their cars by means of which small articles and produce may be transported. It has been held that a car so equipped constitutes a commercial vehicle, and an additional fee of \$5 has been imposed. It is pointed out that a high-powered car, carrying a number of passengers, with attendant baggage, etc., is much more destructive to the highways than is the smaller car, even though equipped with a light delivery body, yet the heavy cars pay a fee of \$5, while the small car is assessed \$3. It has been proposed that Nevada follow California in changing the present weight schedule to the flat rate for registration fees, and increase the gasoline tax to make up the difference. It is the belief of the writer, based on comments of owners, that this would be undesirable, particularly when those who have given this matter much study in our neighboring state, seem to agree that the flat fee has not measured up to expectations. Their judgment can be relied upon and they are in favor of the more equitable fee based on the weight of a vehicle.

It is hoped that the people of Indiana will not try to "get something for nothing" in highway affairs. This idea never did work. A promise to lower license fees would be a popular vote getting device of course, but it would be unwise to any real highway development program if enacted into law. The danger here lies in the fact that so few think with a pencil and pad of paper. People would like low license fees, of course, but they would also like increased production of paved highways and the two "likes" are in direct conflict. Both cannot be had. It is not possible to reduce Indiana license fees to nominal registration fees, even if the gas tax is substantially increased at the same time, if we are going to get any place with our State Highway building program within the next few years.

MONOLITH CEMENT LEASES KERN COUNTY LANDS

According to a deed filed in the county recorder's office at Bakersfield, the I. M. Jameson corporation of Los Angeles has given a quit claim deed to the Monolith Portland Cement Company of Los Angeles, on a tract of land 500 feet north by 1000 feet east, beginning 1613 feet east of the southwest corner of Section 19, 32-23, at Taft.

An agreement has also been entered into between Ida M. and J. W. Jameson and the Monolith Portland Cement Co., giving the latter the exclusive right for 100 years, from November 19, 1921, to quarry and take lime rock from portions of the southeast quarters of section 14, 32-23, commencing at the southeast corner; then west 165 feet; then north 110 feet; then east 325 feet; then northeast to the northeast corner of the said quarter section and then south to the beginning. The right is also given to the southwest quarter of section 12, 32-23. The minimum royalty will be \$2500 per month and after January 1, 1924, \$3750 per month.

CEMENT MOVEMENT HOLDS

Shipments of Portland cement in the United States during September maintained their high level while production decreased but was at a higher rates than in any month except August, the geological survey for the month shows. Stocks were over 51 per cent higher than in September, 1923.

The total of shipments in September this year was 16,827,000 barrels against 13,698,000 barrels in September, 1923. Production totaled 14,519,000 barrels as against 13,109,000 the year before. Total stocks at the end of the month were 8,358,000 barrels, this year and 5,533,000 barrels in 1923.

Shipments from Oregon, Washington and Montana in September totaled 315,000 barrels against 307,000 shipped in September, 1923. Production of the three states this year was 294,000 barrels and in September, 1923, was 270,000 barrels. Stocks in the same district totaled 443,000 barrels at the end of the month against 261,000 in 1923.

PUBLICATIONS

The Truscon "Maintenance Map" is a wall chart prepared by the Truscon Laboratories, Detroit, Michigan, showing in detail the various maintenance requirements of buildings with suggestions of what to do in each case. The map has been prepared in order to help the man who has charge of the maintenance of buildings and equipment in large institutions and consists principally of a large colored cross section of a modern manufacturing building; each maintenance requirement is indicated by a system of numbers and arrows. Immediately below the cross section is an outline of maintenance requirements, subdivided into classifications into which the subject naturally falls, as basements, exteriors, interiors, floors, etc. Below the outline is a section devoted to useful information containing data on such subjects as the quantity of paint or varnish required for various surfaces; amount of cement, sand, and gravel required for various concrete and cement mortar mixtures; weights of building materials per cubic foot; etc. Taken as a whole, the "Map" is a concise compendium of maintenance information for quick and handy reference. It will be sent free to executives interested in maintenance, on request to Truscon Laboratories, Detroit.

"Milcor Architectural Sheet Metal Guide" is the title of a handsomely printed and illustrated catalog of sheet metal ornamental products recently published by the Milwaukee Corrugating Company, of Milwaukee, Wisconsin. The catalog contains 61 pages of profusely illustrated text, 2 pages of information for the specification writer in chart form, and an index. Without doubt the catalog will be of great value to anyone who must choose sheet metal products that are to serve either a utilitarian or an aesthetic purpose. Supplementary to this catalog is a folder that contains photographs of some of the many large American structures into whose construction have gone Milcor products of various kinds.

Century Wood Preserving Company's latest data sheet is headed with question—How Great a Cost Is Justified for the Treatment of Lumber and Timbers? The sheet contains graphs of treatment costs that are a better answer to the question than words would be, and that at the same time are valuable as reference tables for all who may be concerned in wood preserving processes or in the use of wood treated with preservatives. Graph number 2 of the sheet is headed, Service That Treated Timbers Must Give, and serves as an indicator of what users of treated wood may justifiably expect of such material.

Standard Conveyor Company catalog Number 2, lately published, contains much information about and many illustrations of Standard gravity and roller conveyors, and combinations of these. In the form of an illustrated foreword a historic parallel is given, the parallel between the builders of old who whenever possible worked their heavy materials downhill that is, by gravity, and the wise modern who does likewise.

Grinnell Automatic Sprinkler Bulletin volume 29, number 118 is off the press, and those interested in the installation or the use of automatic sprinklers will find valuable the information and the illustrations contained in its pages. Particularly good are the illustrations of Grinnell sprinklers in use.

Tendency to Discourage Use of Cheapest Home Building Material

By Edgar Allen, National Lumber Manufacturers' Association

Is not the persistently reiterated idea of "permanency" in home building tending to discourage this form of investment? Lumbermen think so. Their belief is not based upon uneasiness in relation to competition of other materials for, unquestionably, lumber remains the most economical and satisfactory home building material for the great mass of American people. Most pretentious homes are frequently built of so-called "permanent" materials, because the element of economy of construction does not dictate choice; but among those who must figure very carefully all items of cost in their home building—and this constitutes the largest element of our people—the sometimes over-drawn picture presented by the dealers in "permanent" materials acts as an effective deterrent to home owning ambition.

Certain dealers in building materials base their sole claim to the attention of the public upon the grounds of "permanency." While they assert that their product is incombustible and practically indestructible, they do not hesitate to denounce lumber as quickly deteriorating material and constituting in itself an alarming fire hazard.

As a matter of fact, "permanency" is not a quality of special appeal to home builders of moderate means.

In nearly every town and city throughout the United States we find so-called "permanent" structures being torn down to make way for improvements of various kinds. In these cases the added cost for the element of "permanency" is either entirely lost or is of very little value in salvaging second-hand building materials. As a matter of fact, well built lumber construction, if given the same care as brick or stone or cement, will last the lifetime of several generations of occupants. There are thousands of beautiful Colonial homes in America that have withstood the storms of centuries and are today the same dignified, hospitable and comfortable dwellings they were when newly built. To the true American there is no more inspiring appeal to pride and patriotism than our country's long roster of Colonial homes. Like the memories of their sturdy and cultured builders, these fine old structures have defied the elements of oblivion and are today monuments of solidity and good craftsmanship. Mt. Vernon, the home of Washington, erected many years before even the national Capitol was begun, has withstood the wearing visitations of millions of people who, inspired with awed veneration, have inspected every nook and corner of this shrine of American history.

Lumber does not lay claim to "permanency" according to the definition laid down by Webster. Nor does it concede the same quality of endurance to any other building material. And there is no sound reason for increasing the home investment merely that it may survive after it has served domestic requirements. Even nominal "permanent" houses represents an added cost upon which, in a vast majority of cases, there can never be an adequate cash realization. According to a governmental authority the average tenure of an American home by the builder or his family is from ten to fifteen years. In this period the occupant gets no more from the "permanent" quality of his home than from life-lasting construction of lumber. The succeeding occupants of any residence in all probability will be less fastidious and less inclined to maintain the property in good repair than the original owner. This is particular-

ly true of American cities, where the constant expansion of the apartment house, the boarding house and retail business sections sweeps outward to invade and absorb residential districts. This means rapid deterioration in the character of tenants, and the result is decreasing rental values and increasing bills for repairs and renovation.

American towns and cities are dotted everywhere with melancholy reminders of bygone residential grandeur. "Permanent" homes that no longer are either desirable as residences or profitable as investments. And, at the end, the "permanent" home yields to the house wrecker, and the investment in the "permanent" is handed away in the dump heap. But suppose the original structure had been built of lumber. It would have cost considerably less to erect and would have insured its occupants greater health and comfort. The lumber-built home need not have grown dingy or musty with the years; its beauty would have been renewed by the simple process of painting. The lumber-built home could have been enlarged or remodeled at a minimum of cost; the lumber-built home would have served its purpose as long as it would have been either desirable or profitable to occupy it as a home. At the end of fifteen or twenty years it probably would have found the same fate as its "permanent" competitor, but the original builder would have had a maximum of service from it and would not have incurred a heavy loss in the process of demolishing it.

The home builder who expends from 10 to 30 per cent of his investment in "permanency" as a rule is a visionary optimist, or else one who can afford to disregard the element of cost and build without consideration for economy. The vast majority of home owners in America, however, are people of moderate means, who seek, and have a right to enjoy, the best value their money can buy. Since lumber was used in building the homes of our ancestors from earliest Colonial days, it points with pride to its own record as the best and most reliable building material. Its testimonial of its sturdy honesty today and reliability for the future. Good lumber has never been anything else than good lumber, and it was never necessary for its makers either to malign its competitors or utter untruthful and exaggerated statements concerning its own virtues.

A lumber-built home is the embodiment of honesty and sincerity. It is made of a product that has stood the test of centuries and which is familiar to all. The quality of materials and workmanship can be readily ascertained. The average man and woman knows good lumber and good carpentry as a matter of life-long experience. Therefore, the value of a home built of lumber can be more accurately gauged by materials than one of substitute materials. Fundamentally a lumber-built home presents one of two distinct advantages to the builder; he can use the best lumber with a substantial saving in cost of construction in a given size of house, or he can build a larger and more attractive home at the same cost as a smaller and less satisfactory dwelling of so-called "permanent" materials.

Much stress is laid upon the factor of painting, yet those who have had experience know that it costs little more to paint an entire house of lumber than to paint the exposed trim common to all types of construction. But the advantages of over-all painting are so apparent in the freshening and renewal of the property, that

painting is a most desirable investment. And it is quite as necessary to paint portions of a so-called "permanent" building, although in the latter case painting of trim often accentuates the disfigurement of heavy and weather-stained walls. There are few or no cracks or other imperfections in a well built lumber home, and such a develop can be quickly and economically remedied, but in a "permanent" structure cracks and sagging walls are also "permanent" defects.

Another important thing which should always be considered is that of enlargement or remodeling of homes. We are a restless people, yearning always for betterment in our living conditions. A lumber-built home, constructed on the unit plan, lends itself easily and economically to interior changes and exterior enlargement, while so-called "permanent" structures can only be modeled at excessive cost and much inconvenience. Attention should be given particularly to this subject, for home building is subject to constant changes and improvements. We must remember that the tile bath-room, basement laundry, the breakfast nook, the sun parlor, the sleeping porch, and electrical features are modern, and if these features were not built into a "permanent" structure they could not have been added without almost prohibitive cost. There are styles in beams and panels, trim and stairways. New and attractive conveniences are being included in home building every season. The home of lumber presents less difficulties in adding such features than so-called indestructible construction

Reconstruction of Devastated Area in France Nearing Completion

According to statements given out by authorities in France, approximately eighty per cent of the houses destroyed during the war had been rebuilt by July of this year; ninety per cent of the damaged canals had been reconstructed; eighty per cent of the trenches used by the troops of both armies had been filled in; and eighty-eight per cent of the damaged factories had been put in operation, according to the European Division of the Department of Commerce. While to a great extent the repairing of damages done in the regions was executed with Government aid, nevertheless, much is due to the energy and industry of private individuals and owners. Agricultural land has been reclaimed, populations had been returned to their original dwellings, and manufacturing and mining industries had been put into operation. Since the time reconstruction has gone forward at an increasingly rapid rate, and with nothing intervening to interrupt the present progress, it may definitely be completed before the middle of 1925.

As an illustration of the improved conditions in the ten departments included in the devastated regions, particular mention may be made of the figures of increase in population and of the statistics issued by official sources regarding the resumption of activity in the various branches of industry. The prewar population of the regions under consideration numbered 4,690,183, while at the close of the war, on November 11, 1918, this number had been reduced to 2,075,067. On January first of the current year the population amounted to 4,253,677, or only 436,506 less than at the opening of the war. In 3239 out of 3255 communes, the local administration has been fully reorganized, and the number of public schools and post offices in these districts exceeds those of prewar years.

Shortly before the close of the war, as is well known, a corporation was organized, known as the "Credit National" whose purpose was to facilitate the repair of damages caused by the war. The company was formed by a

group of the most important French banks, with a capital of 100 million francs, and its declared object was the payment in cash of compensation due to those who had suffered damages from the war, and to arrange for the payment of interest on such advances. Capital required to pay for war damages was raised by the issue of interest bearing obligations in the form of bonds on which interest, redemption and premium charges were guaranteed by the State, the money for such payments being included in the French budget. Up to April 30, 1924, claimants had been paid 54 billion francs. Various methods of payment were adopted. Some of the payments were made in cash, some in kind, others in Government securities.

On January the first of this year the total State liabilities definitely recognized on claims to individuals within the devastated regions amounted to 62½ billion francs, and there was a further sum of over 3½ billion francs connected with contested decisions. It is expected that an additional 16 billion francs will be awarded, bringing the total of damages up to approximately 82½ billion francs. As will be seen, therefore, approximately 23 million still remain due to sufferers of the war, after deduction of the 54 billions already paid.

Although the French Government is undertaking the responsibility for financing reconstruction, a considerable part of the direct burden of cash payment has been distributed among different agencies. The French Treasury, at the end of 1923, had furnished almost 22 billion francs, while the Credit National had provided another 22 billion. At the end of April, the Credit National had increased its cash payments to a total of over 24 billion and this, added to the amounts furnished by the Government, and certain annuity certificates, made a total of 54 billion francs paid.

Fifty per cent of farming land have been restored, and three-fourths of the coal mines are now operating.

TRADE NOTES

Vukicevich and Bagge, general contractors, 815 Bryant Street, San Francisco, announce that in the future their concern will operate under the name of the Industrial Construction Company. The new name was adopted as being more descriptive of the class of work in which the company specializes. The management and organization continues without change.

Northwest Engineering Co. of Chicago, manufacturers of cranes, shovels and draglines, has opened a Pacific Coast office at 23 Main St., San Francisco, and has closed arrangements with the Collins-Kay Machinery Co., 438 E Third St., Los Angeles, whereby the latter company will act as their sales agents in the local territory.

American Wholesale Hardware Co. of Long Beach has been incorporated with a capital stock of \$200,000. Directors of the company are: J. F. T. L. and Addie C. Haasis of Long Beach, P. Nelson of Pasadena and F. A. Hastings of Santa Monica.

Westerberg Pole & Piling Co., manufacturers and wholesalers of cedar poles, posts, fir piling and spars, has opened offices in the Northwestern Bank Bldg., Portland, Ore., with F. E. Westerberg in charge.

Construction will be started shortly on \$40,000 plant for Globe Electric Works at Fifteenth and Mission Sts., San Francisco.

Lassen Lumber and Box Company, Susanville, will shortly commence erection of lumber storage shed, 92 by 320 feet.

Murray Cabinet & Show Case Co., of Fresno, has started construction of a \$25,000 plant in E street, Fresno.

NEW HIGHWAY FILLER

Because of variations in temperature, expansion joints are now being provided in all concrete paving on California state highways. The present policy calls for installation of joints at 100-foot intervals, instead of placing them wherever the pouring of concrete happens to stop at noon and night, as was formerly the practice. In the past, these joints have been filled with a patent filler somewhat expensive and declared lacking in various necessary qualities.

The department worked out its own filler, the formula being nothing more complicated than sawdust and asphalt, a mixture of which makes a contraction joint filler more satisfactory than any yet tried, the cost being less than that charged for the patent filler formerly used.

PLANT REBUILDING COMPLETED

The United States Gypsum Company has just finished completely rebuilding the Sheetrock wallboard unit of its plant at Fort Dodge, Iowa, increasing its capacity to 225,000 feet a day and making this plant one of the three largest gypsum working establishments in the world. This construction cost \$150,000 and provided for further expansion up to a daily capacity of 50,000 feet more than the plant had before this year.

P. C. CONSTRUCTION FOR YEAR

The following table shows the trend of Pacific coast building for the first nine months of this year as compared to the first nine months of 1923:

	9 months 1924	9 months 1923
Seattle	\$22,510,990	\$19,546,713
Bellingham ...	907,090	652,489
Everett	1,192,601	1,282,491
Hokiam	313,023	532,495
Spokane	2,573,115	2,041,486
Tacoma	7,117,110	4,447,253
Vancouver	311,728	306,800
Walla Walla	150,383	286,574
Yakima	590,230	515,588
Portland	22,781,700	19,985,770
San Francisco ..	39,858,900	34,089,996
Oakland	23,271,527	19,949,233
Sacramento	6,006,836	8,178,580
Los Angeles	117,412,082	146,321,073
San Diego	10,149,130	8,752,481
Long Beach	16,883,250	18,180,203

AND NO DAMAGES

Mr. Peck—"What a wonderful view!"
Mrs. Peck—"You keep your eyes on the road, Henry! You can get that view on a post card for five cents."—Judge.

QUESTIONED AND ANSWERED

Student: "What is a consulting engineer?"

Professor: "A consulting engineer is a practicing engineer out of a job."

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS. Cost, \$17,500
 SAN FRANCISCO. SE Twenty-eighth
 Ave. and Balboa St.

Two-story and basement frame and
 stucco apartment house (2 4-room
 and 1 5-room apts., 2 stores and
 garages).

Owner—Benj. Schnier, 1766 O'Farrell
 St., San Francisco.

Architect—O. R. Thayer, 110 Sutter St.,
 San Francisco.

Contractor—David Leigh, 801 42nd
 Ave., San Francisco.

Sub-Figures Being Taken For Plaster-
ing, Painting, Wiring, Etc.

APT. HOUSE. Cost, \$140,000
 SAN FRANCISCO. Eddy E. of Larkin.
 Six-story reinforced concrete apart-
 ment house (108 rooms, two-room
 apartments).

Owner—E. A. Lacey, 180 Jessie St., San
 Francisco.

Architect—J. C. Hladik, Monadnock
 Bldg., San Francisco.

As previously reported the concrete
 work etc. was awarded to Mission Con-
 crete Co., 125 Kissling St., S. F. at \$33,-
 000.

Plans Being Prepared.
APARTMENTS. Cost, \$250,000

SACRAMENTO. Sacramento Co., Cal.
 SE Eleventh and N Sts.

Nine-story reinforced concrete apart-
 ment house (48 2- and 3-room apts.)

Owner—Manuel Lewis.
 Architect—Geo. C. Seilon & Co., Mitau
 Bldg., Sacramento.

Plans will be ready for figures in a
 about a month for a general contract.

Owner Taking Sub-Figures.
APARTMENTS. Cost, \$17,500

SAN FRANCISCO. SE Twenty-eighth
 Ave. and Balboa St.

Two-story and basement frame and
 stucco apartment house (2 4-room
 and 1 5-room apts., 2 stores and
 garages).

Owner—Benj. Schnier, 1766 O'Farrell
 St., San Francisco.

Architect—O. R. Thayer, 110 Sutter St.,
 San Francisco.

Contractor—David Leigh, 801 42nd
 Ave., San Francisco.

Sub-Contracts Awarded.
APARTMENTS. Cost, \$200,000

SAN FRANCISCO. N Broadway 121-6
 E Laguna St.

Ten-story Class A apartments.

Owner—Nineteen Sixty Broadway, San
 Francisco.

Architect—Quandt & Ros, Humboldt
 Bldg., San Francisco.

Plumbing contract awarded to Geo. N.
Zaro, 441 Clementina St., at \$15,545

Electrical work to Dowd-Seid Elec. Co.,
2369 Mission St., at \$3400.

Contract Awarded.
APARTMENTS. Cost, \$39,950

SAN FRANCISCO. S Chestnut 50, 75
 and 100 W. Gough St.

Three two-story and basement frame
 apartments (4 apts. in each bldg.)

Owner—E. A. Eames, 353 Sacramento
 St., San Francisco.

Plans by Owner.
 Contractor—Cox Bros., 1309 9th Ave.,
 San Francisco.

Contract Awarded.
APARTMENTS. Cost, \$15,000

SAN FRANCISCO. S Chestnut 199 E
 Van Ness Ave.

Three-story and basement frame (6)
 apartments.

Owner—Wm. Helbing, 1332 Lombard
 St., San Francisco.

Architect—None.
 Contractor—The Helbing Co., 1332 Lom-
 bard St., San Francisco.

To be Done by Day's Work.
APARTMENTS. Cost, \$15,000

OAKLAND. Alameda Co., Cal. S Erie
 St. 250 E. Mandana Blvd.

Two-story frame apartments.
 Owner—H. P. Fisher, Syndicate Bldg.,
 Oakland.

Architect—Schirmer-Bugbee Co., Thayer
 Bldg., Oakland.

Contract Awarded.
APARTMENTS. Cost, \$43,500

SACRAMENTO. Cal. No. 2125 I St.
 Frame apartment building. (24 2-room
 apts.)

Owner—C. B. Crisler, Oregon.
 Architect—None.

Contractor—Geo. D. Hudnut, Inc., 1915
 S St., Sacramento.

Plans Completed.
APARTMENTS. Cost, \$20,000

SAN FRANCISCO. S Twenty-second St.
 122-6 E Mission St.

Three-story and basement frame stores
 and apartment building (6 apts.)

Owner—M. Edwards and E. Schwartz,
 San Leandro, Calif.

Architect—Jas. F. McGuinness Jr., 144
 Somerset Ave., Redwood City.

PORTLAND, Ore.—Arch. Walter E.
Kelly, 513 Oregon Bldg., has prepared
plans for 3-story, 104 by 160 ft. brick
and cast iron, 38 two and three-room
apartments to be erected at Killings-
worth Ave. and Commercial St.

BONDS

TACOMA, Wash.—Pierce county con-
templates \$300,000 bond issue to finance
erection of new county hospital build-
ings.

SAN PABLO, Contra Costa Co., Cal.—
Election held in San Pablo School Dis-
trict for \$45,000 to finance erection of
new school, failed to carry; 67 in favor
and 38 against the issue.

Material of Merit

DOORS

Firedoors, Freight Elevator,
 Garage and Warehouse Doors.
Fold-up-Doors, 'Tl-co-dors, Cobald-
ford, Wal-el-dors.—St. Louis
Fire Door Co.

STORE FRONTS

The newest and most diversified
 store front.—Security Metal

Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-
 slipping flooring.—Irving Iron
 Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

ALBANY, Placer Co., Cal.—Election
will be held Nov. 21 in Ophir School
District to vote bonds of \$13,000 to
finance erection of new school. Trus-
tees of district are: Alyer F. Forster,
Helen C. Vehmeyer, and A. H. John-
son.

FRESNO, Fresno Co., Cal.—Board of
Education, Chas. R. Barnard, chair-
man, contemplates bond issue to finance
erection of additional schools and ad-
ditions and alterations to standing
structures. Estimates of cost of the
construction program will be submitted
for consideration in the immediate
future.

PINEDALE, Fresno Co., Cal.—Election
will be held Nov. 21 in Pinedale
School District to vote bonds of \$35,000
to finance erection of new school.
Trustees of district are: C. A. More-
house (clerk), J. C. Winslow and John
Jones.

POMONA, Los Angeles Co., Cal.—
Pomona Board of Education has adopt-
ed tentative school building program
and will ask city electorate to author-
ize \$500,000 bond issue to provide funds.
Program calls for new 8-room junior
high school on S. Garvey and new 4-
room school in Packard tract; also 4-
room additions to Kauffman, Washing-
ton and Alcott schools.

MERCED, Merced Co., Cal.—County
supervisors will levy special tax to
finance memoria auditorium on W.
17th St. for Merced Post of American
Legion. Dr. E. R. Fountain, commander.
Cost, \$50,000.

SAN FERNANDO, Los Angeles Co.,
Cal.—San Fernando Chamber of Com-
merce contemplates bond issue to
electorate a bond election to provide
facilities for civic center, including city
hall and library.

CHURCHES

Contract Awarded.
CHURCH. Cost, Approx. \$125,000

HERKLEY, Alameda Co., Cal.
 Brick and steel Class C church (this is
 the first unit of a group of build-
 ings to cost \$250,000.)

Owner—First Congregational Church.
 Architect—E. A. Mathews and H. G.

Simpson, Call Bldg., S. F.
 Contractor—Lawton & Vehey, Call
 Bldg., San Francisco.

TAFT, Kern Co., Cal.—Architect R.
H. Orr, 1300 Corporation Bldg., Los An-
geles, is completing plans for a church
building at Taft for the First Baptist
Church. It will have seating capacity
of about 250 people, and will have
challow tile walls, 50x100 ft., pressed
brick facing, pine and hardwood
floors, pine trim, gas heating, basement,
tile masonry, art glass. Owner will
take bids.

LOS ANGELES, Los Angeles Co., Cal.
—Architect Robert H. Orr, 1300 Cor-
poration Bldg., is preparing plans for
a church building at Pico Blvd. and
Arlington Ave. for Pico Boulevard
Christian Church; auditorium to seat
500 people, classrooms, social hall and
kitchen; frame and plaster, tile and
composition roofing, cement, pine and
hardwood floors, basement, art glass,
gas heating, storage water heater.

SOUTH PASADENA, Los Angeles Co.,
Cal.—H. A. Flint, 1212 E. Colorado St.,
Pasadena, has contract for church
building at the corner of Fremont and
Oxley Sts., South Pasadena, for the
South Pasadena Calvary Presbyterian
Church. George M. Lindsey, 327 Laugh-
lin Bldg., Los Angeles, architect. It
will have auditorium; 48x96 ft. to seat
500 people and Sunday school section.

50x72 ft. 2-story brick walls, factory brick facing, cast iron steel frame, and plastered hardwoods and stairs, ventilating system. Cost, \$10,000. Bids being taken on contract by architect and contractor.

LOS ANGELES, Cal.—Archit. Norman F. Marsh, 241 Broadway Center Bldg., archit. Earl R. Williams, stock exchange Bldg., 8880, are contracting plans for a church bldg. to be located at 24th St. and Griffith Ave. for second Baptist Church. Two-story and basement, 120x130 ft., brick constr., ruff. brick facing, tile and comp. rfg., art. tile windows, pipe frame, oak and pines, htg. and ventilating, \$150,000. Bids will be taken shortly.

FACTORIES AND WAREHOUSES

Contract Awarded.
BUILDING. Cost, \$32,000.
STOCKTON, San Joaquin Co., Cal. No. 380 East Church St.
One-story brick and mill construction storage bin building.
Owner—National Paper Products Co., Church St. Cor. Stockton St., Stockton.
Architect & Contractor—Davis Builders-Parce Co., 442 E. Weber St., Stockton.

Contractors Taking Sub-Figures.
FACTORY BLDGS. Approx. \$200,000.
SAN FRANCISCO. Third and Bancroft Ave.
Two-story reinforced concrete factory building, 90x190 (1st unit).
Owner—Premier Spring & Rod Co., Architect—Walter J. O'Brien 315 Mont.gomery St., San Francisco.
Contractors—Industrial Construction Co., formerly Bagge & Vukobratich, 815 Bryant St., San Francisco.
Reinforcing steel, mill work, masonry, sheet metals, roofing, wood roll doors, glass, elevators, steel sash, plumbing and electric.

Sub-Contracts Awarded.
PACKING PLANT. Cost, \$275,000.
SACRAMENTO, Sacramento Co., Cal. 16th to 18th & C Sts.
One and 2-story reinforced concrete & brick packing plant, 700x300.
Owner—California Packing Cptn., 101 California St., S. F.
Engineer—Philip Bush, 101 California St., S. F.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.
Reinforcing steel to Truscon Steel, 709 Mission St., S. F.
Steel sash to Fenestria Constr. Co., 251 Kearny St., S. F.
Plumbing to Latorrette-Fical Co., 207 Front St., Sacramento.

Lumber to Friend & Terry Lumber Co., 2nd and 8 Sts., Sacramento.
As previously reported the owners have awarded the following contracts which are in the general contracts:
Steel sash to Detroit Steel Products, 251 Kearny St., S. F.
Brick to Sacramento Brick Co., Sacramento.
Cement to Old Mission Cement Co., Standard Oil Bldg.

Plans Being Figured Bids Close Nov. 15, 1924, 2 P. M.
SHOP BLDG. Cost, \$50,000.
NAMPA, Idaho.
Group of 17 one-story steel, brick, concrete, hollow tile, wood and corrugated iron car repair shop buildings.

Owner— Pacific Fruit Express Co., Southern Pacific Bldg., S. F.
Engineer— Eng. Dept. at Owens, Room 249 Southern Pacific Bldg., S. F.
Plans may be obtained from the Engineering Department.
Figures are being taken for a general contract.

Contract Awarded.
WAREHOUSE. Cost, \$50,000.
SAN FRANCISCO. S Stevenson 220 W. Sixth St.
Four-story Class C reinforced concrete warehouse.
Owner—Eastern Outfitting Co., Market near Sixth St., San Francisco.
Architect—None.
Contractor—R. Glaze, California Apts., Oakland.

Contract Awarded.
FACTORY BLDGS. Cost, \$17,500.
SAN FRANCISCO. No. 1710 San Bruno Avenue.
Two one-story steel factory buildings.
Owner—California Shade Cloth Co., Premises.
Architect & Contractor—Truscon Steel Co., 709 Mission St., S. F.

FRESNO, Fresno Co., Cal. Jolly & Jolly, Fresno, at approx. \$25,000 has contract to erect one-story brick factory in E street for Murray Cabinet & Show Case Co., Fresno; will cover area of 75 by 140 feet.

SAN MATEO, San Mateo Co., Cal.—Galligan Sheet Metal Works, 8th Ave. and Main St., has purchased site 40x60 ft., at Main St. and 9th Ave. and will erect one-story shop building covering entire area. John A. Galligan, manager of company.

SUNSANVILLE, Lassen Co., Cal.—Construction will be started shortly by Lassen Lumber & Box Co., on storage sheds, 92 by 320 ft. Work will probably be done by company forces.

MANTECA, San Joaquin Co., Cal.—Manteca Milk Producers' Union, Manteca, contemplates erection of addition to present plant for sweet cream department.

LOS ANGELES, Los Angeles Co., Cal.—Until 2 P. M., Nov. 17, bids will be received by L. A. county supervisors for general construction of machine shop for warehouse No. 1, at Baldwin Park. Plans and specifications on file at office of Rd. Dept., 11th Floor, Hall of Records.

LOS ANGELES, Los Angeles Co., Cal.—Architects Morgan, Walls & Clements, 1124 Van Nuyne Bldg., are preparing plans for a Class A storage warehouse to be erected on Highland Ave. near Santa Monica Blvd. for Hollywood Fireproof Storage Co., C. E. Tolerman, president. Reinforced concrete construction, 50x200 ft., metal sash, plate glass, elevators, steel rolling doors. Cost, \$300,000.

LOS ANGELES, Cal.—Archts. Eckles & Eckles, St. Joseph, Mo., have prepared plans for 7-story and basement class A manufacturing bldg. at s.e. cor. Industrial and Mill Sts. for the National Blacutt Co. It is expected that Mr. Eckles, who will be at the Biltmore Hotel the latter part of this week, will take bids, 251x133 ft., steel frame construction, brick facing.

FLATS

to be Done by Day's Work.
FLATS. Cost, \$10,000.
SAN FRANCISCO. S Lincoln Way 82-6 E 18th Avenue.
Two-story and basement frame (2) flats building.
Owner—Bushman & Rivers, 222 Phelan Bldg., San Francisco.
Architect—None.

Plans Being Prepared.
FLATS (2). Cost, \$50,000.
SAN FRANCISCO. Presidio Ave.
Three 2-story frame and stucco flats (2, 7-room flats each).
Owner—P. J. Phelan, 519 14th Ave.
Architect—A. H. Knoll, Hearst Bldg.

Plans Being Prepared.
BUILDING. Cost, \$22,000.
SAN FRANCISCO. 19th and Vermont Streets.
One-story reinforced concrete flat and store building, 75 x 50 (2 5-room flats).
Owner—None.
Architect—A. H. Knoll, Hearst Bldg., S. F.

GARAGES

Plans Complete.
GARAGE. Cost, \$10,000.
OAKLAND, Alameda Co., Cal. S Foot-hill Blvd. 150 W. Fruitvale Ave.
One-story brick garage.
Owner—J. B. Petersen, 2053 38th Ave., Oakland.

Plans Being Figured.
GARAGE. Cost, \$—
SAN FRANCISCO. Main St. bet. Mission and Howard Sts.
Two-story reinforced concrete garage building.
Owner—Henry Cowell Lime & Cement Co., 2 Market St., San Francisco.
Architect—Ward & Blohm, 454 California St., San Francisco.
Bids are being taken for a general contract and bids will be opened next week.

Working Drawings Being Prepared.
GARAGE AND STORE. Cost, \$400,000.
LOS ANGELES, L. A. Co., Cal. 6th and Carondelet Sts.
Eight-story and basement class A garage and store bldg.
Owner—Crondeley Fireproof Garage Co., Los Angeles.
Architect and Construction Manager—Shields, Fisher & Lake, Rowell Bldg., Fresno.

Plans Being Figured Oct. 30, 1924.
GARAGE. Cost, \$14,000.
SAN LEANDRO, Alameda Co., Cal. East 14th Street.

"MacArthur For Piles"

STRAIGHT SHAFT COMPRESSED CONCRETE PILE
PEDISTAL COMPRESSED CONCRETE PILE
COMPOSITE COMPRESSED CONCRETE PILE

cover all lengths and conditions without change of rigging, delay and consequent financial loss.

MacArthur Concrete Pile & Foundation Co., Inc.

373 MONADNOCK BUILDING, SAN FRANCISCO, CALIF.
PHONE SUTTER 3549

Member S. F. Builders' Exchange
Phone Sutter 6700

ALBERT DEAN

Random Variegated Colors Slate
Roofing
and
Random Variegated Colors Tile
Roofing

Composition Roofing
General Roof Repairing
Samples Submitted

180 Jessie St., San Francisco
Res. 4201, Mission St.
Phone Randolph 5932

One-story frame stucco and brick veneer auto sales and garage bldg. Owner—W. L. Duarte (for Ford assembly). Architect—Miller & Warner, Alameda Co. Title Ins. Bldg., 1104 Franklin St., Oakland. Figures are being taken for a general contract.

LOS ANGELES, Cal.—Sidney Grossman, 204 Haas Bldg., has contract to erect one-story Class C garage building at 835 Kohler St. for the Central Realty Co. Brick walls, 63x25 feet, pressed brick facing, composition roofing, Summerbell roof trusses, plate glass, structural steel sash, fire doors, reinforced concrete work. S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., are the architects. Owner has charge of project.

GOVERNMENT WORK AND SUPPLIES

Contractor to Take Sub-Figures in About a Week.

WARD Cost, \$91,977
MAINE ISLAND, Cal.
First unit of psychopathic ward (Spec. 1979).

Owner—U. S. Government.
Architect—U. S. Bureau of Yards and Docks.
Contractor—Larson & Siegrist, Claus Spreckels Bldg., San Francisco.

SAN FRANCISCO.—Until Oct. 30, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5622 to furnish (a) 2500 tons rip-rap stone, f. o. b. railroad cars, bidders plant or (b) 2500 tons rip-rap stone, f. o. b. cars Sacramento or (c) 2500 tons rip-rap stone, f. o. b. cars Fremont Weir. Further information on request to above office.

SAN DIEGO, Cal.—Fred W. St. Jean, San Diego, at \$6687 awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., to const. replacement bulkhead at Naval Operating Base, San Diego. Specification No. 5032.

PALO ALTO, Cal.—West Coast Construction Co., 519 California St., San Francisco, at \$24,400 awarded contract by U. S. Veterans' Hospital Bureau, Construction Division, to erect laundry building at Hospital 24, Palo Alto.

POINT SAINT GEORGE, Cal.—Until Nov. 19, 11 A. M., bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specifications No. 5038, to erect garage at Radio Communication Station, Point Saint George. See call for bids under official proposal section in this issue.

AMERICAN FALLS, Idaho.—See "Reservoirs and Dams" this issue. Award of contract recommended for American Falls Dam project.

LIVERMORE, Alameda Co., Cal.—The following is a complete list of bids received by the U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., on Oct. 21st for an automatic telephone system, wiring and cables for automatic telephone system and fire alarm system at the U. S. Veterans' Hospital, Livermore.

Wiring and Cables for Automatic Telephone System

Latourrette-Fical Co., 907 Front St., Sacramento, \$7980, start 1 & complete 90 days.

Butte Electric Mfg. Co., San Francisco \$8865, start 5 and complete 120 days.

Richard A. Fanto, San Francisco, alt., \$19,492.25, start 90 and complete 185 days.

Fire Alarm System

Michaels & Co., Norfolk, Va., \$3490, start 90 days, complete 150 days.

Latourrette-Fical Co., Sacramento, Cal., \$5841, start 1 day, complete 90 days.

Butte Electric & Mfg. Co., San Francisco, \$6459, start 5 days, complete 120 days.

Automatic Telephone System

Automatic Electric Co., Chicago, \$4755, start 10 days, complete February 20, 1925.

North Electric Mfg. Co., Gallon, Ohio, \$5032, switch and rotary; alt. \$6,234.65; start 30 days, complete 90 days.

Richard A. Fanto, San Francisco, alt. on dictagraph telephone system, \$17,007.75; start 90 days, complete 185 days.

SAN FERNANDO, Cal.—Until Dec. 9, 11 A. M., bids will be received by Frank T. Hines, director, U. S. Veterans' Hospital Bureau, Washington, D. C., to erect semi-ambulant building, infirmary, men's ambulant building, administration building, women's T. B. building, recreation building, garage, storeroom, laundry, attendant's quarters, nurses' quarters, Junior Officers' Duplex quarters, Senior Officers' Duplex quarters, M. O. C. quarters, gate house, septic tanks and house, steel water tank and concrete dam. Separate bids for building construction, plumbing, heating, electrical work, elevators and refrigeration plant. See call for bids under official proposal section in this issue.

WALLA WALLA, Wash. N. J. McLeod, Walla Walla, awarded contract by Construction Division, U. S. Veterans' Hospital Bureau, to erect administration building at Hospital 85, Walla Walla. Bids were previously reported on this project.

KLAMATH FALLS, Ore.—Until Nov. 11, bids will be rec. by U. S. Bureau of Reclamation, Klamath Falls, to lay 2265 ft. 30-in. pre-cast reinforced pressure pipe. Further information obtainable from above office.

HALLS AND SOCIETY BUILDINGS

OAKLAND, Alameda Co., Cal.—The Alameda County Labor Council is planning the erection of a new building to replace the one destroyed on the corner of 11th and Franklin streets. Some time ago plans were prepared by W. J. Wilkinson for a five-story reinforced concrete labor temple. Whether these plans will be used has not been decided.

LOS ANGELES, Los Angeles Co., Cal.—Architects Morgan, Walls & Clements, 1124 Van Noye Bldg., have prepared plans and are taking bids for erecting a Class C store, office and lodge building at Hoover and 23rd Sts., and Union Ave., for Golden State Masonic Lodge. The site is 25x13x25 ft.; a portion of the present building will be remodeled and the remainder of the site will be improved with a 3-story and basement structure with stores in the first story, and offices, lounge, reception, banquet hall, club rooms and library in the upper stories, brick construction, stucco exterior, cast stone trim, plate glass, steel beams, composition roofing, pine trim, cement and hardwood floors, marble and tile work.

LOS ANGELES, Los Angeles Co., Cal.—Architects Morgan, Walls & Clements, 1124 Van Noye Bldg., have prepared plans for a 3-story club, lodge, store and office building on N. Highland Ave., between Sunset Blvd. and D. Avenue Ave. for Hollywood Columbus Club, Inc., 1641 Las Palmas St. There will be four stores, large lobby, recreation room, pool table and billiards on 1st floor, cardroom, library, billiard room, music room, lounge, toilet rooms, 5 offices on 2nd floor; kitchen, council chamber, smoking room, ladies' parlor, choir loft, stage, motion picture booth, foyer and loggia, on 3rd floor; 132x49 ft. brick and plaster, stone steel tile roofing, gas heating system, air conditioning, shower baths, cement, tile and hardwood floors, pine trim, ornamental iron, marble base on store fronts, plate glass, fire escapes. Cost, \$73,000. Bids will be taken soon.

GILROY, Santa Clara Co., Cal.—Gilroy Post, American Legion, has appointed building committee to work out means of financing construction of open air dance pavilion at Live Oak School Park. Committee consists of John A. Rea, Lawrence Zutta, Phil Cox, Harry Curries, Henry Willis, Mills Hall, Lee Barnhart.

LOS ANGELES, Los Angeles Co., Cal.—Michigan Society of So. California, 2801 S. Hill St., Glen C. Bliss, vice president, is completing details of project to erect 7-story class A club building on Figueroa St. site between 12th and Washington Sts. Est. cost, \$600,000. An architect has been retained.

MILLWORK

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National Mill & Lumber Co.

We are glad to place at your disposal, without obligation, the services of a corps of skilled estimators, with wide experience in planning general millwork, cabinet work and detail work of all kinds. Behind there is an organization offering virtually unlimited selection of materials. We believe their assistance will be genuinely helpful to you.

312 Market Street
San Francisco

High St. & Tilden Ave.
Oakland



SAN JOSE, Cal.—
The Board of Supervisors of Santa Clara County, Cal., has received bids for the construction of a new building for the County Hospital, to be located on the corner of 17th and San Carlos streets. The building is to be a two-story structure, with a total area of 10,000 square feet. The bids were received on October 27th, and the lowest bid was \$100,000. The building is to be completed by January 1st, 1931.

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HOSPITALS

SAN JOSE, Santa Clara Co., Cal.—
Bids were received on October 27th, by Henry A. Pfister, Clerk of Santa Clara County, for the construction of an addition to the Tubercular Ward at the County Hospital and for the construction of a milking barn at the Almshouse. Binder and Curtis, 35 W-San Carlos St., San Jose, architects. John Williams was awarded the contract for the tubercular ward and A. L. Compton, 547 N 17th St., San Jose, for the milking barn.

Milking Barn
John Williams, San Jose...\$5,300 Alt.
H. R. Sherman, San Jose...\$5,417-\$375
R. O. Summers, San Jose...\$5,482 805
Megna and Newell, San Jose \$5,799 218
A. L. Compton, San Jose...\$6,435 296
E. T. Edwards, San Jose...\$5,290 310
Geo. Hanover...\$7,413 310

Tubercular Ward
A. L. Compton, 547 N-17th st., San Jose...\$5,945
Megna and Newell, San Jose...\$6,623
E. T. Edwards, San Jose...\$6,672
R. O. Summers, San Jose...\$7,828

REDWOOD CITY, San Mateo Co., Cal.—
The Board of Supervisors authorized preparation of plans for repairs at county farm and relief home including construction of sun porch for women inmates. Ediz M. Kneese, county clerk.

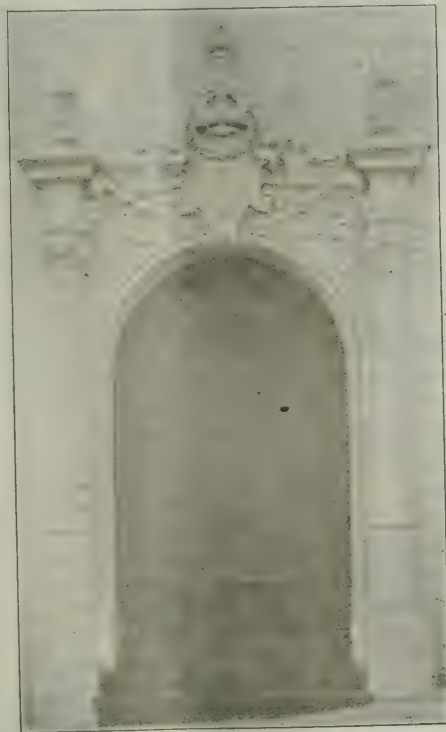
REDWOOD CITY, San Mateo Co., Cal.—
Bids will be received by Fred M. Kay, county clerk, to construct isolation building including certain additions to laundry building and covering a large woodshed structure at county hospital grounds. Cert. check 10% req. with bid. Plans on file in office of clerk.

REDWOOD CITY, San Mateo Co., Cal.—
Until Nov. 12, 2 P. M., bids will be received by Fred M. Kay, county clerk, to furnish sterilizing facilities for isolation ward at county hospital. Lists of materials desired obtainable from clerk. Cert. check 10% req. with bid.

SAN JOSE, Santa Clara Co., Cal.—
Bids received by supervisors to install laundry machinery at county hospital. Taken under same contract. Bids were Troy Laundry Machinery Co., limited, \$12,148 allowance on used machinery of \$2500; American Laundry Machinery Co., proposition No. 4, less \$1000 on second hand machines as listed in proposition No. 1, all for the sum of \$12,922.

MERCED, Merced Co., Cal.—
Until Nov. 12, 10 A. M., bids will be received by P. J. Thornton, County Clerk, to (1) fur. and install steam boiler and radiators; (2) gas heater and storage tank at tubercular ward at county hospital. Plans by W. E. Bedesen, county surveyor, Merced. Cert. check 10% req. with bid. Plans on file in office of clerk and obtainable from county surveyor.

TORRANCE, Los Angeles Co., Cal.—
H. M. Baruch, 444 I. W. Hellman Bldg., has general contract for one-story and part 2-story hospital building at Torrance, for the Torrance Hospital Assn., Brian K. Welsh, 1210 W. Washington Bldg., Los Angeles, director. It will have 26 beds, reinforced concrete foundation and basement walls, hollow tile walls, plaster exterior, tile roofing, steam heating system, pine trim, tile and marble work, storage water heater, hardwood, cement and pine floors. Martin J. Rist, Santa Fe Bldg., San Francisco, architect.



GATE AND ARCH FOR CLOISTER APARTMENTS
GREEN & TAYLOR

H. C. SMITH, Architect

RINCON IRON WORKS

First Class Ornamental Iron Work

678 BRANNAN STREET

Phone Douglas 1748

HOTELS

Date of Opening Bids Responed to
Nov. 1, 1924.

ANNEX. Cost \$200,000
PASO ROBLES San Luis Obispo Co.,
Cal. 12th and Spring Sts.
Three-story brick, steel and reinforced
concrete annex to hotel with city
offices on first floor.
Owner—A. L. Smith (Taylor Hotel).
Architect—Miller & Warnock, 1404
Franklin St., Oakland.

Commissioned to Prepare Plans.
HOTEL RENO Nevada. Cost, \$200,000
Four-story fireproof stores and hotel
annex (54 rooms and baths).
Owner—Golden Hotel (George Wing-
field), Reno, Nevada.
Architect—F. J. DeLongchamps, Ga-
zett Bldg., Reno, Nevada.

LOS ANGELES, Los Angeles Co., Cal.
—H. H. Hinds, 351 S. Hoover St., has
general contract at \$114,850 for 4-story
and basement Class C hotel building at
the northwest corner of Seventh and
Pompeo Sts., for I. Holman; 120 rooms,
100 per cent baths, lobby, etc.; 80x150
ft., brick walls, pressed brick and cast
stone facing, marble and tile work,
composition roofing, hardwood and pine
trim, elevator, steam heating system,
tiled baths, vacuum cleaning system.
Other contracts awarded were: Elevator,
Otis Elevator Co., 300 E. 8th St.,
at \$3950; painting, Morgan & McCarthy,
338 S. Western Ave. at \$6100; electric
wiring, Newbery Elec. Corp., 734 S.
Olive St. at \$5954. Plans by Milton
Friedman, 404 Detwiler Bldg.

LOS ANGELES, Los Angeles Co., Cal.
—Pacific Housing Corp., 634 S. Western
Ave., has contract and has started
work on 5-story Class C hotel building
at 439 Columbia Ave. for Mrs. Louise
Chatt; 89 rooms, 100 per cent baths,
lobby, billiard room, managers' apart-
ment, 74x144 ft., brick, pressed brick
facing, composition roofing, steam heating
system, automatic electric elevator,
pine trim, tiled baths, storage water
heater, ornamental iron work, plate
glass, fire escapes. Cost, \$100,000.
Plans by C. B. Martin, Pacific Housing
Corp., 634 S. Western Ave.

LOS ANGELES, Los Angeles Co., Cal.
—California Real Estate & Finance
Corp., O. A. Brown, 3868 W. 6th St., will
start work at once on 4-story and
basement Class C hotel building at the
southeast corner of Harold Way and
Western Ave. It will contain 63 rooms
with 60% baths and showers; 100x80
ft., pressed brick facing, art stone
composition roof, fire escapes, elevator,
tiled baths, oak floors, steam heating.
Cost, \$115,000. Davidson Brick Co. will
furnish brick and Bliss Lumber Co. the
lumber. Plans by L. A. Smith, 301 S.
Western Ave.

STOCKTON, San Joaquin Co., Cal.—
John Tait, Phelan Bldg., San Francisco,
has leased grill and white tile room
Hotel Stockton and will expend \$15,000
in remodeling the quarters along the
"coffee shop" lines.

POWER PLANTS

SAN FRANCISCO—Until Nov. 5, 3 P.
M., bids will be received by Ed. of Pub.
Works to erect steel bus structure for
Moccasin Creek Power plant, Hetch
Hetchy project, under Contract No. 107;
est. cost, \$30,000. Plans obtainable
from Bureau of Engineering, 3rd floor,
City Hall.

FALLON, Nevada—Fairbanks-Morse
Co., Spear and Harrison Sts., San Fran-
cisco, at \$18,500 awarded cont. by city
council to install emergency electric
power plant for which bonds of \$50,000
were recently voted.

LOS ANGELES, Cal.—Until 10 a. m.,
Nov. 17, bids will be rec. by bd. pub.
works for motor generator sets. Bids,
same date, for storage batteries. Bids,
same date, for one gasoline engine
driven generator. Spec. on file at of-
fice of city electrician, 205 a city hall
annex.

MERCED, Merced Co., Cal.—Follow-
ing awards of contract made by Mer-
ced Irrigation District in connection
with Exchequer Dam Power Plant:
Two turbines, 17,800 HP, to Pelton
Water Wheel Co., \$115,000.
Two generators, 15,625 KW, West-
inghouse Electric Co., \$163,874.
Switchboards, \$11,000; 4 trans-
formers, \$71,045; oil circuit breakers, \$24,
395; storage battery and motor gen-
erating set, \$2646, all General Electric
Co.

Miscellaneous equipment, Electric
Power Equipment Co., \$9288.
Wall Bushings, Ohio Brass Co.,
\$1953.15.

TOMBSTONE, Ariz.—Jules L. Ver-
meersch, elec. engr. of Phoenix, esti-
mates cost of adequate light and power
plant for Tombstone at \$14,000.

MODESTO, Stanislaus Co., Cal.—Gen-
eral Electric Co., Rialto Bldg., San
Francisco, awarded cont. by Modesto
Irrigation District to furnish trans-
formers and meters for Don Pedro
power system under one year contract.

ANAHEIM, Cal.—\$240,000 municipal
power plant issue was defeated at re-
cent election.

PUBLIC BUILDINGS

Bids to be called for Shortly
BERKELEY, Alameda Co., Cal. Vir-
ginia Street.
Contractors, frames and chimneys
Owner—City of Berkeley.
Architect—W. H. Ratcliff Jr., Mercan-
tile Bank Bldg., Berkeley.

Contract Awarded.
DETENTION HOME. Cost, \$26,000
BAKERSFIELD, Kern Co., Cal. County
Hospital Grounds.
Two-story brick detention home.
Owner—County of Kern.
Architect—James H. Eggert, Bank of
Italy Bldg., Bakersfield.
Contractor—Henry Eissler, Bakersfield.
Other bidders were:
W. S. Eyster, \$27,000
C. A. & J. Baker, \$21,000
H. F. Chambliss, \$27,979
Zachary & Co., \$28,000

SACRAMENTO, Cal.—No bids received
by county supervisors to furnish and
install steel shelving in county hospi-
tal; work ordered done by day labor.
Harry W. Hall is county clerk.

SHE IS a Democrat.

BORN IN Georgia.

AND HE is a Republican.

BORN IN the North.

THEY ARE happily married.

AND AGREE on everything.

EXCEPT POLITICS and bobbed hair.

THEY MAINTAIN an office.

IN THE Hearst Building.

IN SAN Francisco.

NEAR SANDY Pratt's main office.

SANDY BEING president.

OF THE Pratt Building Material Co.

ALSO OF Marysville, Sacramento.

PRATTROCK (NEAR Folsom).

AND PRATTCO (Monterey County).

PRODUCING CRUSHED rock and sand.

HE WAS wearing a button.

"VOTE FOR Coolidge."

SHE WORE two saying.

"VOTE FOR Davis.

ALL YOU Democrats."

HE PREACHED.

"COOLIDGE AND Prosperity."

ON STREET cars.

AND IN hotel lobbies.

BUT TWO weeks ago.

WHILE HE slept.

HIS DEMOCRATIC wife.

SWITCHED POLITICAL buttons.

ON HIS coat.

AND FOR two weeks

ENDING YESTERDAY.

HE WORE a Davis button.

BUT HE preached Coolidge.

PEOPLE LOOKED at him.

AS IF he were crazy.

HE THOUGHT.

THEY WERE losing their minds.

TILL ONE brave lad.

TOLD HIM the awful truth.

AND NOW he.

IS WALKING the streets.

TELLING HIS friends.

THAT IT WAS Mary.

AND NOT he.

THAT WAS crazy-like.

BUT NO one believes him.

"I THANK you."



Most wives remove stuff from your
clothes, but the above wife (Mary) put
on the crushed rock, washed
"died-in-the-wool" Republican, Sandy Pratt,
producer of crushed rock, washed
sharp, rock screenings, and clean
gravel sand can vouch for the truth of
the above story, and it is not a "cam-
paign lie."

LOS ANGELES Los Angeles Co., Cal.
Until 2 P. M., Nov. 1, separate bids will be received by L. A. Co. Board of Supervisors for sub-contract on lot No. 1, Museum of History, Science and Art, Exposition Park, as follows: Ornamental metal work, sheet metal work and fire doors, metal windows, tile roofing work, plumbing, cork concrete or tiled base. Plans and specifications on file with Allied Architects Association, 1136 Citizens National Bank Bldg., L. E. Lampton, County Clerk.

OAKLAND, Alameda Co., Cal.—C. H. Peterson, 185 Stevenson Street, San Francisco, has been awarded a contract by Geo. E. Gross, Clerk of Alameda County for reinforced concrete vault construction on the Treasurer's office in the Hall of Records. Contract price \$3,973. H. H. Meyers, Kohl Bldg., San Francisco, architect. The bid of M. G. West Co., 115 Front Street, San Francisco, the winning door gates etc., is still under advertisement.

LOS ANGELES, Los Angeles Co., Cal.—Park Commission, Exposition Park, has completed working plans for a two-story police sub-station, at the corner of 77th St. and Moneta Ave. The building will contain assembly hall, jail, offices, dining room and kitchen with garage for about 8 cars in rear; brick and reinforced concrete construction, 44x109 ft., basement, composition roofing, pressed brick facing, cement and hardwood floors, plate glass and wire glass, steam heating system, pine and hardwood trim, skylights, tiled toilets and showers, 65-ft. pistol range. \$65,000 has been appropriated for the building. Board of Public Works will advertise for bids soon.

OAKLAND, Cal.—Until Nov. 6, 12 M. bids will be received by Eugene K. Sturgis, city clerk, to erect one-story frame and stucco firehouse at northeast corner of Milton and Market Sts.; est. cost, \$16,000. Bond of 25% of contract price will be required of successful bidder. Plans obtainable from clerk on deposit of \$15.

BERKELEY, Alameda Co., Cal.—City Manager John J. Eddy has had preliminary plans prepared for two 30-ft. cells (annex) to city hall to provide additional office quarters. Lack of funds will probably cause city council to construct on one 20-ft. section at present to house police department.

RESIDENCES

To Be Done by Day's Work.
DWELLINGS Cost, \$4,000 each
SAN FRANCISCO, W. Mission 60 to 285 N. Mt. Vernon Ave.

Ten one-story and basement frame dwellings.
Owner—Jas. Welsh, 1 Northwood Drive, San Francisco.
Architect — Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal., Tamalpais Road.
Two-story frame and stucco residence and garage with tile roof.
Owner—Withheld.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, \$2,000
SAN FRANCISCO, S. Valdez St., lot 3.
Broderick and Divisadero Sts.
Two-story and basement frame and stucco Italian style residence (10 rooms, 2 bathrooms, social hall and garage for 3 machines).
Owner—Reuben Haas, 176 Palm Ave. and Phelan Bldg., San Francisco.
Architect—C. E. Gottschalk and M. J. Rist, Phelan Bldg., San Francisco.

Plans Being Prepared—To be done by Day's Work.
RESIDENCES Cost, \$16,000 to \$15,000 each
SAN FRANCISCO, Sloat Blvd. and 19th Ave.
Eight 2-story frame and stucco residences.
Owner—C. E. Hawkins, rep. by Mudd-White Real Co., Alaska Commercial Bldg., S. F.
Architect—J. J. Rankin, 57 Post St., San Francisco.
The company owns 100 lots and plans to improve them all.

Plans Being Prepared.
RESIDENCE Cost, \$9,000
OAKLAND, Alameda Co., Cal., Crocker Highlands.
Two-story frame and stucco Spanish style residence with tile roof.
Owner—Wm. Ganey.
Architect—F. H. Reimers, Tribune Tower, Oakland.

Contract Awarded.
RESIDENCE Cost, \$14,000
PIEDMONT, Alameda Co., Cal. No. 124 Clifford Road.
Frame residence and garage.
Owner—H. W. Jewett, 517 Glenview Ave., Oakland.
Architect—F. Harvey Slocombe, St. Marks Hotel, Oakland.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland.

Plans Being Prepared—Owner to Take Figures.
RESIDENCE Cost, \$9500
SAN FRANCISCO, Twenty-second Ave. near Lake St.
Two-story and basement frame and stucco residence and garage (8 rooms).
Owner—Benjamin Schnier, 1766 O'Farrell St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Plans Being Prepared.
RESIDENCE & GARAGE Cost, \$12,000
BERKELEY, Alameda Co., Cal., Tunnel Road.
Two-story frame and stucco residence and garage (7-rooms).
Owner—Prof. Edmund O'Neill of the U. of C. C.
Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.

Plans Completed.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Eighth Ave. and Lawton St.
Two-story and basement frame and stucco residence and garage with tile roof (8 rooms and 1 1/2 baths).
Owner—Walter Scheffauer.

Architect—W. C. Falch, Hearst Bldg., San Francisco.
Hot air heating system, hardwood floors, etc.

BEVERLY HILLS, Los Angeles Co., Cal.—E. P. Merritt, R. F. D. No. 7, Box 1609, L. A., has contract at \$22,000 for two-story 12-room dwelling on Palm Drive, Beverly Hills, for Conrad Nagel, W. Asa Hudson, Rm 9, Woods-Beebman Bldg., Beverly Hills, is the architect. Frame and plaster, shingle roofing, hardwood floors, 3 tile baths, tile drainboards, marble mantels, unit system heating, hardwood and enamel trim, double garage with servants' quarters.

LOS ANGELES, Los Angeles Co., Cal.—Architect Arthur Kelly, 2512 W. 7th St., has completed plans and will build a two-story 13-room dwelling on Berkeley Square near Western Ave. for R. D. Matthews, Union Oil Co. Bldg.; 67x68 ft., brick veneer and sheathing on concrete, slate roofing, art stone trim, 5 tile baths, marble, tile and oak floors, hardwood and pine trim, tile mantels, ornamental iron. Cost, \$33,000.

LOS ANGELES, Los Angeles Co., Cal.—Architects Gable & Wyant, 634 S. Western Ave., are preparing plans for 2-story Italian type dwelling on Roxbury Drive, Beverly Hills, for Stanley Anderson. It will contain 12 rooms and 5 baths. Stucco exterior, tile roof, hardwood trim and floors, tiled baths, 2 mantels, hot air furnace, automatic water heater, garden work, stables and garage. Cost, \$40,000.

SCHOOLS

Completing Plans.
SCHOOL Cost, \$50,000
SAN RAFAEL, Marin Co., Cal. SW 4th and E Streets.
Two-story brick grammar school, English architecture (5 classrooms, teachers' rooms, etc.)
Owner—San Rafael Board of Education
Architect—Benj. Stiles Hayne, 2401 Jackson St., San Francisco.

Sub-Contracts Awarded.
SCHOOL Approx. \$400,000
SAN JOSE, Santa Clara Co., Cal. Grant Street.
One and two-story reinforced concrete school building.
Owner—City of San Jose, Grant School W. L. Bachrodt, Secretary of Board of Education.
Architect—W. H. Weeks, 369 Pine St., S. F. and Binder & Curtis, San Jose, Associated.
Contractor—Robert Trost, 26th and Howard Sts., San Francisco.
Cement to Pacific Portland Cement Co.
Lumber to Southern Lumber Co., San Jose.

Plumbing to Rodoni Becker Co., 1216 Folsom St., San Francisco.
Reinforcing steel to Edw. L. Soule, Rialto Bldg., San Francisco.
Steel Forms to Steelform Contracting Co., Monadnock Bldg., San Francisco.
Structural steel to Schrader Iron Wks., 1247 Harrison St., S. F.

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SAN FRANCISCO

Plans Being Figured. Cost, \$25,000.
STORE BLDG.
 WATSONVILLE, Cal. Santa Cruz Co., Cal.
 One-story reinforced concrete store
 building, 50 x 50 ft.
 Architect—Wm. H. Weeks, 369 Pine St.,
 San Francisco, Cal.
 Bids are being taken for a general
 contract.

Plans Being Figured.
BUILDING Cost, \$7000
SAN MATEO, San Mateo Co., Cal.
 Junction of El Camino Real and
 Crystal Springs Road.
 One-story frame and stucco building.
 Owner — Cal. State Automobile Asso-
 ciation.
 Architect — W. H. Crim Jr. and H. Mur-
 dock, 425 Kearny St., S. F.
 Plans are being taken for a general
 contract.

Contract Awarded.
STOIRE BLDG. Cost, \$11,125
SAN FRANCISCO. W Fifth St. 80 S
Howard.
Two-story Class C store building.
Owner—D. W. and M. L. Woodruff, 860
Howard St., San Francisco.
Architect—None.
Contractor—Moller & De Luca, 180 Jes-
sie St., San Francisco.

Contract Awarded.
BANK ETC. Cost, \$75,000
BURLINGAME, San Mateo Co., Cal. SW
Burlingame Ave. and Middlefield
Rd.
Three-story bank, stores, offices and
hotel, 5 6by 80 feet.
Owner—Fred Lorton, 115 Park, Bur-
lingame
Architect—Ernest L. and J. E. Norberg,
409 Occidental Ave., Burlingame.
General contract awarded to Chas Ped-
erson, 60 Peninsula Court, San
Mateo.
Plumbing and heating to Herbert J.
Lauder, 1205 Burlingame Avenue,
Burlingame at \$11,400.

Contract Awarded
OFFICE BLDG. Cost, \$25,000.
OAKLAND, Alameda Co., Cal., S Mos
Ave. opp. Howe St.
Two-story 28-room office building.
Owner—Drs. Mead & Sutherland.
Architect and Contractor — Wm
Knowles, 1214 Webster St., Oak
land.

Contract Awarded.
ALTERATIONS Cost, \$46,800.
SAN FRANCISCO. W Nineteenth Ave.
250 S Kirkham St.
Alterations and additions to Class
telephone exchange building (Sur-
set Office).
Owner—The Pacific Telephone & Tele-
graph Co., 333 Grant Ave., S. F.
Architect—Architectural Dept. of Own-
er, E. V. Cobby in charge.
Contractor—Monson Bros., 251 Kearny
St., San Francisco.

Plans Completed - To be Done by Day's
Work.
OFFICE FIXTURES Cost, \$25,000
SAN FRANCISCO. Mission and Ecker
Streets.
Interior woodworking and office fix-
tures.
Owner-Sherman Clay & Co.
Architect & Engineer-Couchot & Ros-
enwald, 60 Sansome St., S. F.

Disraeli said: "Confidence is a plant of slow growth." The contractors, and owners everywhere have in Quandt-quality painting and decorating service has been established through the strict adherence to the highest standards during the past 40 years. Whether the job be large or small, our paramount interest is to achieve the best results and give full value for every dollar expended. Quandt-quality service is a dependable service and will fulfill all your requirements.

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Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

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Phone Sutter 3008

SAN FRANCISCO

Contracts Awarded.
ALTERATIONS. Cost, \$10,000.
SAY PLANT INSIDE Lady W. Howell.
Alameda, bet. 14th and 15th Sts.
Owner—Mrs. Howell.
Architect—S. H. Howell, 77 Post St., San Francisco.
Contractor—J. H. Sutter St., San Francisco.

Contracts Awarded.
STORE & LOFT. Cost, \$—
SAN FRANCISCO E. Mission, N. 17th.
Two-story and basement brick store and loft bldg.
Owner—L. H. Howell.
Architect—S. H. Howell, 77 Post St., San Francisco.
Steel work to H. L. France.
Glass to Friedman Bros. Glass Co.

Contract Awarded. Cost, \$45,000.
STORE BLDG. SAN FRANCISCO. San Mateo Co., Cal.
Prunrose Rd. and Burlingame Ave.
One-story brick store building (8 stories).
Owner—George Ross Market & Stockton Sts., San Francisco.
Architect—S. H. Howell, 77 Post St., San Francisco.
Contractor—L. J. Cohen, 110 Sutter St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$1,000.
SAN RAFAEL. Contra Costa Co., Cal.
Fourth St., bet. C and D Sts.
One-story brick store building.
Owner—K. M. Jones.
Architect—S. H. Howell, 77 Post St., San Francisco.
Contractor—E. Meier, San Rafael.

Contract Awarded. Cost, \$12,000.
STORE BLDG. SAN FRANCISCO. W. Mission St., 30 S. Nineteenth St.
One-story and mezzanine floor concrete store building.
Owner—Annie Kidwell.
Engineer & Contractor—J. H. Haul, 128 Russ St., San Francisco.

Contract Awarded. Cost, \$25,000.
BUILDING RICHMOND. Contra Costa Co., Cal.
Macdonald Ave., bet. 10th and 11th Sts.
Two-story frame and brick building.
Owner—Independent Publishing Co. (J. E. Galvin).
Architect—James T. Nash, 211 Macdonald Ave., Richmond.
Contractor—W. Snellgrove, 167 18th St., Richmond.

Contract Awarded.
STORE LOFT. Cost, \$36,000.
OAKLAND. Alameda Co., Cal., N. 14th St., bet. E. Harrison.
Two-story tile store and loft bldg.
Owner—J. C. Holmes, 392 17th St., Oakland.
Architect—None.
Contractor—M. P. Brasch, 392 17th St., Oakland.

Plans Being Prepared. Cost, \$—
STORE BLDG. PALO ALTO. Santa Clara Co., Cal.
One-story reinforced concrete store building, 30x50 (3 stories).
Owner—Wm. C. Christen, Alexander Bldg., S. F.
Architect—Powers & Abnden, 460 Montgomery St., San Francisco.

LOS ANGELES. Los Angeles Co., Cal.
North Pacific Constr. Co., 1302 Detwiler Bldg., was awarded contr. at \$287,500 for all work complete for erecting a 13-story basement and sub-basement Class A office building on south side of 2nd St. between Hill St. and Broadway for the Public Service Department, City of Los Angeles. Loy L. Smith, 216 Byrne Bldg., is the architect. Under construction, 49x119 ft., plate glass, marble work, tiled lavatories, steel sash, 2 elevators, steam heating, tile and gypsum block partitions.

FRESNO. Fresno Co., Cal.—The Valley Electric Supply Co. of Fresno, has been awarded the contract for electrical fixtures and Heinsbergen Decorating Co., of Los Angeles the decorating contract for the Pacific South-west Bank building now under construction in Fresno.

LOS ANGELES. Los Angeles Co., Cal.—Architects John and Donald B. Parkinson, 420 Title Ins. Bldg., have prepared plans for a Class A building on the telephone sub-station building on Vermont Ave., bet. Sunset and Santa Monica Bldgs. for Pacific Telephone & Telegraph Co. Three-story and basement, 73x80 feet, designed for 5-story, steel frame, reinforced concrete floors, brick filler walls, pressed brick and terra cotta facing, steel sash, elevator, steam heating. Bids will be taken this week.

LOS ANGELES. Los Angeles Co., Cal.—Architects John and Donald B. Parkinson, 420 Title Ins. Bldg., has prepared plans for a one-story Class C bank and store building to be erected at Fairfax and Melrose Aves. for the Security Trust & Savings Bank. Banking room and 6 stores; dimensions, 85x120 feet, brick walls, ruff. brick and cast stone fronts, plate glass, steel beams, composition roofing, pine trim, bank fixtures. Cost, \$40,000. Bids will be taken this week.

FRESNO. Fresno Co., Cal.—R. F. Felchlin Co., Fresno, has started work on foundation of 4-story and basement reinforced concrete department store at Fulton and Tulare Sts. for Radin & Kamp. Cost, \$400,000. Contracts have been awarded as follows: Rock and gravel, Service Rock & Gravel Co.; Fresno; cement, Thompson Bros., Fresno; reinforcing steel, Sola Co., San Francisco; terra cotta, Gladding-McBean, San Francisco.

LEMOORE. Kings Co., Cal.—B. F. Cahill, Lemoore, has contract to erect one story, 50 by 75 ft., brick auto sales-room building in the vicinity of the Hotel Lemoore in D St. Mrs. Mary Scally, owner.

LOS ANGELES. Los Angeles Co., Cal.—Los Angeles A. Center, Madam Ana Strute, president, 694 S. New Hampshire Ave., contemplate erecting a 10 or 12-story Class A art building at 694 S. New Hampshire Ave. The site is 175x145 feet. The architectural work will be open for international competition, although no details have been decided upon.

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1924

THEATRES

Sub-Figures Being Taken.

THEATRE Cost, \$69,551
SAN FRANCISCO. N Jackson 107-11

W Kearny St.

Class A theatre building.

Owner—Vine Lee Lun Hop Theatrical Co., 501 Grant Ave., S. F.

Architect—N. W. Mohr, 320 California St., San Francisco.

Contractor—H. L. Peterson, 35 Montgomery St., San Francisco.

A previously reported the steel contract was awarded to Western Iron Works.

Bids Opened

THEATRE

MOUNTAIN VIEW, Santa Clara Co., Cal.

Two-story reinforced concrete store, office and theatre building.

Owner—C. Hartley, 68 Post St., San Francisco.

Architect—A. A. Cantin, 30 Post St., San Francisco.

General Contract

Minton Co., Mt. View.....\$29,822

Z. J. Piche, San Jose.....21,750

Cobby & Owsley, S. F.....34,785

Jacks & Irvine, S. F.....34,966

Larsen-Siegrist Co., S. F.....35,250

Monson Bros., S. F.....36,000

McLean & Co., S. F.....36,400

Morris & DeLuca, S. F.....36,395

Mitchell & Jackson, San Mateo.....37,543

John E. Branagh, Oakland.....38,000

A. W. Bigger.....39,984

Painting

Wm. Bernstein, Hrst Bldg, S. F. 972

R. R. Garshol.....1,340

A. Quandt, S. F.....1,600

D. Zelinsky, S. F.....1,650

A. A. Zelinsky, S. F.....1,750

H. Theese Co.....1,850

Sub-Figures Being Taken—Contracts

Awarded

STORE & THEATRE Cost, \$100,000

SAN MATEO, San Mateo Co., Cal. Third

Avenue.

Reinforced concrete store and theatre

building.

Owner—B. Getz, Chronicle Bldg., San

Francisco.

Architect—Morrow & Garren, Chronicle

Bldg., San Francisco.

Plumbing to Morrison & Blair, 415

Villa Terrace, San Mateo.

Miscellaneous Iron to Herrick Iron Wks

18th and Campbell Sts., Oakland.

Ornamental Iron Work to Star Orn.

Iron Works, 2171 Folsom St., S. F.

As previously reported the reinforcing

steel was awarded to Badt-Falk Co.

74 New Montgomery St., S. F.; lumber

to Duddfield Lumber Co., 607 Main St.,

Palo Alto.

Sketches Prepared.

THEATRE Cost, \$30,000

BURLINGAME, San Mateo Co., Cal. N

Burlingame 320 E El Camino Real

100 x 200.

Class "A" motion picture theatre, 80

x 175.

Owner—Ackerman & Harris.

Architect—S. Helman, 57 Post St., S. F.

Sub Figures To Be Taken Shortly.

THEATRE BLDG. Cost, \$200,000

BURLINGAME, San Mateo Co., Cal.

Burlingame Ave. bet. Primrose &

the Highway.

Class A reinforced concrete theatre

building.

Owner—Ellis J. Arkush, 25 Taylor St.,

San Francisco.

Architect—Weeks & Day, Cal. Ins. Bldg

San Francisco.

Contractor—Barrett & Hilp, 918 Harrison

St., San Francisco.

Work on excavating and foundations

has been started. Sub-figures will be

taken in about a week.

LOS ANGELES, Cal.—Arch. G. Al-

bert Lansburgh, 700 Hillstreet Bldg.

and San Francisco, is preparing work-

ing plans for a two-story class A theatre,

with stores and lofts; reinf. conc.

and steel frame constr., 124x175 ft.,

terra cotta facing, br. flier walls,

steam rhtg. sys., elec. elevators, tile

and marble wk. sprinkler sys., ornam.

iron work; \$1,200,000.

LOS ANGELES, Los Angeles Co., Cal.—Architect G. Stanley Underwood, 1 W. Hellman Bldg., is preparing sketches for a class auditorium building at the southwest corner of 18th St. and Grand Ave., for company headed by J. M. Danzinger. It will have a seating capacity of about 12,000 people, balcony, gymnasium, shower and locker rooms for 800 people, reinforced concrete and steel frame construction, 168x240 feet, brick art stone and terra cotta facing. Cost, \$350,000.

SOUTH PASADENA, Los Angeles Co., Cal.—West Coast Theatres, Inc., C. L. Langley, general manager, Knickerbocker Bldg., Los Angeles, will take bids through its building department starting Oct. 27 for a two-story brick building at the northeast corner of Fair Oaks Ave. and Oxley St., South Pasadena. It will contain auditorium seating 1800, 4 stores and a number of 2-room apartments, 90x126 feet, stucco facing, tile and composition roofing. Class A stage. Cost, \$150,000. Plans by L. A. Smith, 3rd St. and Western Ave., Los Angeles.

LOS ANGELES, Los Angeles Co., Cal.—Scott Bldg. Co., 208 Wilshire Bldg., has contract for one-story motion picture theatre at the southwest corner of Adams and Longwood Ave. for Miguel Melillo, 100 W. Adams Bldg., 183 ft. brick veneer and plaster, composition roofing. Summerbell truss cement floors, ornamental iron, seating capacity, 801 people, large lobby, rest rooms, organ loft, foyer. Cost, \$30,000.

HILLSBORO, Ore.—Architect Lee Thomas, U. S. Bank Bldg., completes plans for two-story and basement, 55 by 100 ft. theatre to be erected for O. P. Phelps, manager of Liberty Theatre, Hillsboro. Will be reinforced concrete construction faced with brick and stucco. Est. cost, \$60,000. Bids will be asked by the owner.

PORTLAND, Ore.—Antone Teller, 8 E-60th St., North, awarded contract by Archt. Emil Schacht, Commonwealth Bldg., to erect one-story and basement, 50 by 100 ft. theatre at 4th and Everett Sts. for Holbrook Estate, represented by I. T. Richardson, 315 Abington Bldg., Portland.

WHARVES & DOCKS

Bids In. Cost, _____
WHARF
OAKLAND, Alameda Co., Cal., Oakland Waterfront.
500-ft. crocodile pile wharf.
Owner—Wm. Smith Lumber Co., Engineer—Wilfred N. Ball, 2910 Telegraph Ave., Oakland.

MISCELLANEOUS BUILDING CONSTRUCTION

PORTLAND, Ore.—Until Nov. 7, 1 p. m., bids will be rec. by R. W. Lincoln, Stubbs Bldg., Portland, representing the Parkrose, Water District, to erect and erect 300,000-gal. steel water tank including concrete foundation and piping. Specifications obtainable from above office on deposit of \$10, returnable.

SANTA ROSA, Sonoma Co., Cal.—Archts. Jeffery & Schaefer 1104 Kerkhoff Bldg., L. A., preparing plans for a group of home bldgs. near Santa Rosa, for the California Euthalian Home, to be 2 bldgs.; dormitory bldgs. each have facilities for 26 people and refectory; 1-story, br. walls, tile flg., L-shape, 85x105 ft. sel. com. br. facing, basement, steel flg. sys., hardwood, and pine fls., marble toilet partitions, pine trim. There will be eventually 7 bldgs. erected.

KNIGHTS LANDING, Yolo Co., Cal.—Construction of \$30,000 dairy barn has been started for Asa W. Morris & Sons. Plans were prepared by H. L. Belton of the Farm Building Division of the University of California Farm at Davis.

SAN FERNANDO, Cal.—Until Dec. 9, 11 A. M., bids will be received by Frank Hines, Director, U. S. Veterans' Hospital Bureau, Washington, D. C., to erect semi-ambulant building, infirmary, men's ambulant building, administration building, women's T. B. building, women's general medical building, recreation building, garage, storehouse, laundry, attendant's quarters, nurses' quarters, Junior Officers' Duplex quarters, Senior Officers' Duplex quarters, M. O. quarters, gate house, septic tanks and house, steel water tank and concrete dam. Separate bids for building construction, plumbing heating, electrical work, elevators and refrigeration plant. See call for bids under official proposal section in this issue.

RIVERBANK, Stanislaus Co., Cal.—Charles Burton, Riverbank, has contract to erect one-story hollow tile newspaper plant for Riverbank News, Miss Grace Benson is editor and owner.

CULVER CITY, Los Angeles Co., Cal.—A. C. Pillsbury, 1323 N. Orange St., Beverly Hills, engineer and contractor, has contract at \$350,000 for auto speedway at Culver City for the Los Angeles Speedway Ass'n. Grand stand and bleachers will accommodate 50,000 people, total seating capacity 40,000 people. The following sub-contracts have been awarded: Board track, Prince Constr. Co.; water, sewer and storm drains, Claude R. Barber, plumbing, Thos. H. Certy Co.; lumber and hardware, Hammond Lumber Co.; electric wiring, no award.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction, 400 N. 15th Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1394—New York City, Manufacturers of ingot copper, brass, bronze, solder, babbit, and antimonial, and other non-ferrous metals in pig, ingot, slab form, etc., desire to make contact with reliable manufacturers' sales agency for promotion of the sales of their products in the territory. Willing to offer interesting proposition to good representative.

D-1395—San Francisco, Calif. Manufacturers representative with several years selling experience, who has personal trade acquaintance in California, Oregon and Washington, wishes to get in touch with manufacturers interested in specialty sales promotion work with the electrical home appliance trade in the above territory.

D-1396—Seattle, Wash. Hardware Lumber Company wants to get in touch with contractors in this city making mahogany dining quarters.

D-1397—Minneapolis, Minn. Manufacturers of photo-faded glass cement-on signs wish to secure the services of a reliable individual or company to put up these signs for their clients as ordered.

D-1398—Salem, Ore. Individual desires connection with responsible manufacturers to act as their agent in that territory.

D-1399—Brooklyn, N. Y. Manufacturer wants to make connection with manufacturers' agents or factory representatives for hardware and tools to handle the sale of his products on the Coast.

8670—Toledo, Ohio. Varnish and color works is desirous of obtaining Chinese lacquer, or "Rhus," from San Francisco importers.

8672—Brussels, Belgium. Exporter of window glass, iron and steel bars and angles, wishes to communicate with interested San Francisco importers.

8675—Mexico. Company has for sale large quantities of pine oil, such as used in the manufacture of turpentine.

8676—Mexico, D. F. Distributing company wishes to act as exclusive representatives for San Francisco manufacturers of export or export material, extending their market in Mexico.

Official Proposals

NOTICE TO CONTRACTORS

(U. S. Veterans' Hospital, San Fernando, Calif.)

SEALED PROPOSALS, marked "Proposal for Construction of Buildings and Utilities, San Fernando, California," will be received by the U. S. Veterans' Bureau, Room 331, Arlington Building, Washington, D. C., until 11:30 A. M., November 3, 1924, and then they will be publicly opened for the construction complete of Semi-Ambulant Building, Infirmary, Men's Ambulant Building, Administration Building, Women's T. E. Building, Women's General Medical Building, Recreation Building, Garage, Storehouse, Laundry, Attendants Quarters, Nurses Quarters, Junior Officers Duplex Quarters, Senior Officers Duplex Quarters, M. O. C. Quarters, Gate House, Septic Tank and House, Steel Water Tank and Concrete Dam. This work will include reinforced concrete construction, hollow tile, masonry, lathing, tile and built-up roofing, marble work, floor tile, carpentry, iron-work, steel sash, plastering, painting, glazing, hardware, plumbing, heating and electrical work, electric elevators and electric service connections. Separate Proposals will be received for Building Construction, Plumbing, Heating, Electrical Work, Elevators, and Refrigerating Plant, all as set forth on proposal sheet. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards, the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 791, Arlington Building, Washington, D. C., or to Wm. H. Radcliffe, U. S. Veterans' Hospital No. 102, Livermore, California. Deposit with application of a check or postal money order for \$100 payable to the TREASURER OF THE UNITED STATES is required as security for safe return of the drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director,
October 30, 1924

NOTICE TO BIDDERS

(City of Stockton—Police and Fire Alarm Systems)

Notice is hereby given that sealed proposals are hereby invited to be delivered at the office of the City Clerk of the City Council of the City of Stockton in the Annex to the "Hotel Stockton," Stockton, California, up to and including the 10th day of November, 1924, at the hour of 3 o'clock p. m., for the furnishing and installation of a Police and Fire Alarm System for said City in accordance with the plans and specifications therefor, on file in said office, to which reference is hereby made for further particulars.

The contract providing for the performance and installation of the improvement hereinabove provided shall be executed within ten (10) days after the award therefor shall have become final and the performance thereof shall be commenced within ten (10) days after the execution of the said contract. Each bidder will submit with his bid complete specifications of the equipment he proposes to furnish and detailed plans of entire system he proposes to install and will state in his bid the number of days which he will require to complete the performance of said contract.

The successful bidder will be required to give a bond for the faithful performance of the contract in the sum

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

of 50 per cent of the contract price; and will also be required to furnish labor and material bond in the sum of 50 per cent of the amount bid.

All proposals must be accompanied by a check certified by a responsible bank, payable to the City Auditor or by coin of the United States for an amount not less than 10% of the aggregate amount bid. (Bidders' bonds will not be accepted.)

In the event that the person, firm or corporation to whom said contract may be awarded, fails, neglects or refuses to enter into contract to perform said work and furnish said materials as hereinabove provided, then the certified check and the amount therein mentioned, or the coin, accompanying the bid of said person, firm or corporation, shall be declared to be forfeited to said City as liquidated damages.

Said contract will be let to the lowest and best responsible bidder, provided, however, the Council may reject any and all bids, and in that event, or in the event that no bids are made, may readvertise for bids, or provide for the work to be done by the City, or for the equipment and supplies to be purchased in the open market.

Dated: October 21, 1924.

A. L. BANKS,
City Clerk of the City of Stockton.

ADDITIONAL INFORMATION BY

THE CLERK

The bidder will furnish with his bid a statement, under oath, giving previous experience and describing definitely what his facilities are for manufacturing and installing everything specified in the plans and specifications.

A. L. BANKS, City Clerk.

NOTICE TO CONTRACTORS

(Garage—Pt. St. George)

SEALED PROPOSALS, indorsed "Proposals for Garage at Radio Compass Station, Point Saint George, California, Specification No. 5038, will be received at the Public Works Office, Navy Yard, Mare Island, California, until 11 o'clock A. M., November 10th, 1924, and then they will be publicly opened, for a garage at Radio Compass Station, Point Saint George, California. The building will have a concrete foundation, concrete floor, wood frame, wood

sliding, wood shingle roofing, work benches, sliding doors, easement sash and a complete electric lighting system. Specification No. 5038 and accompanying drawings may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, California. Deposit of check or postal money order for \$10.00, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. L. E. GREGORY, Chief of Bureau, October 25, 1924.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on Nov. 24, 1924, at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows: Shasta County, between Halfway Creek and Dog Creek (II-Sha-3-C), about ten and eight-tenths (10.8) miles in length, to be graded and surfaced with crushed gravel or stone.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. EDWARDS,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: October 27, 1924.

INSURE EMPLOYEES

A paid-up life insurance policy, the amount based on length of service was presented to each employ of the Blackman Lumber Company at a banquet held in the Hotel Oakland recently to celebrate the twenty-sixth anniversary of the founding of the business. The policies were presented by E. L. Blackman, president of the company. Frederick Anderson, one of the oldest employees, was one of the guests of honor. Anderson started to work as a yard hand and is now secretary of the company.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 3-4-3-3

General Listing Bureau

Architect's Preliminary Estimates

Engineering News Section

BRIDGES

SACRAMENTO, Cal.—T. H. and M. C. Polk, Chico, at \$7829 submit low bid to supervisors to const. const. bridge over Arcade Creek at Marysville road other bids, taken under advisement, were: Perceval, Tibbals & Cross, \$8046; Levant and Heintz, \$8497; H. A. Hendron, \$9089; Frederickson & Shannon, \$9240; George Pollock Co., \$9460, and Ira C. Boss, \$9587, Chas. Detarding, Jr., estimated cost at \$9600.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 17, 11 a. m., bids will be rec. by Eugene D. Graham, county clk., to const. bridge at site of old Presbury bridge over Dry Creek bet. Sacramento and San Joaquin counties. Cert. check 10% payable to Chairman of Board of Supervisors req. Plans on file in office of clerk and obtainable from County Surveyor F. E. Quail on deposit of \$10, returnable.

VISALIA, Tulare Co., Cal.—C. R. Gurdy, Porterville, at \$1710 awarded cont. by supervisors to const. steel foot-bridge, 4 ft. wide, 240 ft. long, over Tulare river.

SAN RAFAEL, Marin Co., Cal.—Barmolin and Careno, San Rafael, at \$1935 awarded cont. by supervisors to const. bridge on Indian Valley road. Other bids: T. A. McDougall, \$1941; Dollini & Cuffe, \$2020; J. C. McIntire, \$1948.

EUREKA, Humboldt Co., Cal.—John B. Leonard, consulting engineer, 57 Post St., San Francisco, commissioned by supervisors to prepare plans for three bridges on Carlotta-Bridgeville Hwy.; two for new road to take place of Blackburn Grade and another to replace wooden bridge at Bridgeville, the latter to be of concrete construction, costing \$20,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at \$2260 awarded cont. by supervisors to const. Vine Hill culvert. Other bids: B. R. Greenfield, \$2288; N. M. Thies, \$2772.

SANTA ANA, Cal.—S. M. Kerns, 1034 Vina, Long Beach, submitted low bid to supervisors at \$31,355 to construct crescent pile and structural steel bridge with mber deck 580 ft. in length, composed of 23 19-ft. timber spans and one 70-ft. moveable plate girder span, together with crescent sheet bulkheads, 106 ft. in length at each end of the bridge. This bridge is to be constructed across the upper arm of Newport Bay on the line of the state highway. J. L. McBride, county highway commissioner. Other bids: Green Constr. Co., \$34,003; Murdock & Condee \$35,136; The Wheeler Co., \$35,293; W. M. Ledbetter & Co., \$35,440; Mercereau Bridge & Constr. Co., \$35,745; Merritt-Chapman-Scott Corp., \$37,486; W. A. Patterson, \$39,400; Jas. L. Frazer, \$40,342.

LOS ANGELES, Cal.—deWaard and sons, 207 Granger Bldg., San Diego, awarded cont. by supervisors at \$119,895.50 for const. a reinforced concrete tunnel and reinf. conc. storm dr. in Altedena bet. Marengo Ave. and the Arroyo Seco, 2 mi., consisting of covered ditch, 7x4-ft.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 17, 11 a. m., bids will be rec. by Henry A. Eristery, county clerk, to const. 170 ft. reinf. conc. culvert over Kirk ditch in Supervisor Dist. 5. Plans on file in office of clerk. Robt. Chandler, county surveyor.

VISALIA, Tulare Co., Cal.—County Eng. Lawrence Mayo preparing spec. for print. const. bridge over Mill Creek on Mineral King Houston Ave. latered of the county highway. D. of the west near the Edison Co.'s steam plant; will be 25 ft. wide with 31 ft. clear span. Cost, \$2000.

DREDGING, HARBOR WORKS AND EXCAVATIONS

CORONADO, Cal.—H. G. Fenton, P. O. Box 907, San Diego, awarded cont. at \$126,039 by city trustees to construct city boat harbor landing Coronado. Work involves const. and mooring of six floats and gangways in place, 41,300 sq. ft. grading, 1850 sq. ft. walk, 700 ft. curb, 310 ft. storm drain with manhole and catch basin on S. part of Orange Ave., materials for and const. of small boat harbor bet. jetty and seal wall off Hotel Del Coronado, involv. 12,500 tons of more rock in place on jetty, 690 lin. ft. sheet piling, 20,000 lb. rock groin, 400 lin. ft. retaining wall bet. shore end of sheet piling and seal wall and bet. sea wall and jetty, 445 lin. ft. landing platform.

PETALUMA, Sonoma Co., Cal.—Until Nov. 8, 10 a. m., bids will be rec. by Mark O. W. Jones, clerk San Anselmo School District, to furnish, spread and roll 396 yds. dirt on school grounds. Further information obtainable from clerk.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Merced Concrete Pipe Co., Merced, at \$64,260.80 submits low bid to Merced Irrigation District to fur. and install approx. 4½ mi. of concrete pipe in California Packing Corporation orchards. Other two lowest bids taken under advisement are: W. J. Tobin, \$70,541.80; San Joaquin Valley Concrete Pipe Co., \$75,804.90; Stanley Constr. Co. and Jordan Co., \$78,776.20; and John Kristich, \$88,320.

OXNARD, Cal.—Del Norte Water Co. has let contrs. for irrig. works amounting to about \$25,000. Contrs. for various portions of the distributing system have been let to West Coast Pipe and Steel Co., Los Angeles, Fairbanks, Morse & Co. and United Concrete Pipe Co., Montalvo.

Carbide Flare Lights
OxyAcetylene Equipment
Goggles—Respirators
First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Walker and McLean, 182 W. Wilshire, Fullerton submitted low bid to const. fixtures at \$5785 for 26 additional light standards in Graham light dist.

Wilshire Elec. Co., 1028 Wilshire Blvd., Santa Monica, 3001 at \$5719 for 13 additional light standards in Hollywood light dist.

LOS ANGELES, Cal.—Council declares inten. to install light sys. in 16th St. bet. Hoover and Berendo Sts.; 32 conc. posts; 1911 act.

LOS ANGELES, Cal.—J. C. Rendler, Inc., 625 S. Main St., low bidder at \$158,777 for ornam. light sys. in Sunset Blvd., bet. Hollywood and Sunset Bldgs. Other bids: James C. Perry, \$157,417; Newberry Elec. Corp., \$157,867; Geo. W. Kemper, \$159,900; H. H. Walker, \$161,612; Robertson Elec. Co., \$164,558; Elec. Light Supply Co., \$164,556; Elec. Light Supply Co., \$164,825; R. A. Wattson, \$168,351; Osborn Elec. Co., \$170,000; Wilshire Elec. Co., \$170,724.

Fritz Ziebarth, 302 E. Anaheim, Long Beach, low at \$3348 for ornam. light sys. in Deane Ave., bet. Wilshire Blvd. and Country Club Dr. Other bids: H. H. Walker, \$3350; R. A. Wattson, \$3525.

HUNTINGTON BEACH, Cal.—Robertson Electric Co., 303 N. Main St., Santa Ana, low bidder for light sys. in 6th St. at \$3567 and in 8th St. at \$4173.

LOS ANGELES, Cal.—Council declares inten. to const. light systems in: 8th St., Figueroa St. to Vermont Ave.; 197 pressed steel posts.

El Centro Ave., bet. Hollywood and Santa Monica Blvd.; 46 pressed steel posts.

LOS ANGELES, Cal.—R. A. Wattson, 4928 Melrose Hill, awarded cont. for light sys. in La Brea Ave., bet. Wilshire Blvd. and Country Club Dr. at \$11,656; and Wilcox Ave., bet. Hollywood and Sunset Bldgs. at \$9389.

LOS ANGELES, Cal.—C. W. Sparks, 103 Henne Bldg., awarded cont. at \$102,188 for light sys. in Flower St., bet. 3rd and Washington Sts. Est. \$138,926.

Jas. C. Perry, 721 Detwiler Bldg., awarded cont. at \$16,830 for light sys. in 7th St., bet. Hoover St. and Vermont Ave. Est. \$23,235.

SAN GABRIEL, Cal.—City trustees declare inten. to const. light sys. in Shorb Rd., bet. Hermosa Dr. and Las Lunas Dr. Ira H. Stouffer, city clerk.

WHITTIER, Cal.—City trustees declare inten. to install light sys. in Greenleaf Ave., bet. Hadley St. and s.w. city limits; 70 pressed steel posts; 1911 act. Paul Gilmore, city clerk.

LOS ANGELES, Cal.—Council declares inten. to const. ornam. light sys. in Broadway, bet. Colorado Blvd. and 138 ft. W. of Eagle Dale Ave.; 31 pressed steel posts.

Afton Pl., bet. Gower and Vine Sts.; 14 conc. posts; 1911 act.

16th St., bet. Hoover and Berendo Sts.; 32 conc. posts; 1911 act.

MACHINERY AND EQUIPMENT

MODESTO, Stanislaus Co., Cal.—Three bids received by council to furnish street sweeper and cleaner, taken under advisement; Vacuum type, \$8000; Austin, \$7300; Elgin, \$7180. Referred to City Eng. F. W. McCarton for report.

SACRAMENTO, Cal.—City super-
intendent of public works, Sherman L.
Ford, is considering bids for a new
water tank, including all necessary
equipment.

SAN LEANDRO, Alameda Co., Cal.—
Until Nov. 3, 8 p. m., bids will be rec.
by J. J. Gill, city clerk, to buy one
10-hp. single cylinder motor road roller.
Further information obtainable
from clerk.

MODESTO, Stanislaus Co., Cal.—
Following bids rec. by council to fur.
a 100-street sprinkler truck with 1500-
gal. capacity: McDaniel, \$845; Inter-
national, \$840; General Motors, \$8-
68; 40, Paces, \$802.29; Special Equip-
ment, \$531.20; Sterling, \$786; White,
\$625.00; Mack, \$292.68. Referred to
City Eng. E. W. Metcalf for report.

MODESTO, Stanislaus Co., Cal.—Follow-
ing bids taken under advisement by
council to fur. one 2½-ton dump truck
for street dept.: International Har-
vester Co., \$1448.75; General Motors
Co., \$3995.46; Paces, \$4293.15; More-
land, \$3967.50; Sterling, \$4294; White,
\$3902.50; Mack, \$4053.

SONORA, Tuolumne Co., Cal.—City
Engineer C. W. Terry authorized to
purchase machinery and equipment for
municipal rock crushing plant.

ORANGE, Cal.—Until 1 p. m., Nov. 5,
bids will be rec. for one track-laying
Fordson tractor, equip. with track
plates suitable for hilly work. Cal D.
Lester, city clerk.

SAN JOSE, Santa Clara Co., Cal.—
T. M. Jones at \$1236.04 awarded cont.
by supervisors to fur. Fordson tractor
for Supervisor Dist. 1. Other bids:
Frank Cornell, \$1340 (used); Canelo
Motor Co., \$1332.75.

POMONA, Cal.—Until 12 m. Nov. 4,
bids will be rec. for 1860 enam. iron st.
signs. Spec. on file at office city eng.
Cert. check or bond 10%. T. R. Trotter,
city clerk.

SAN JOSE, Santa Clara Co., Cal.—
County Surveyor Robt. Chandler in-
structed to prepare specifications for
conveyor at county rock quarry at
Saratoga. Henry A. Pfister, county clk.

SAN JOSE, Santa Clara Co., Cal.—
Gilroy Tractor and Implement Co., at
\$1385 awarded cont. by supervisors to
fur. one Cletrac. Other bids: Chas. C.
Dean, \$1385; Yuba Mfg. Co., \$1465.

PORTLAND, Ore.—Until Nov. 3, 11 a.
m., bids will be rec. by Jas. H. Lud-
low, ch. eng., Port of Portland com-
mission, Spaulding Bldg., to fur. wind-
ing machinery for diesel power,
dredge or lockwork. Further inform-
ation obtainable from above office.

RAILROADS

OREGON STATE. Examination of the
Interstate Commerce Commission rec-
ommend that public convenience and
necessity demand the construction of
additional railroads in Oregon totalling
approximately 327 miles and involving
an estimated cost of \$180,000. The
commission was urged to authorize the
construction of an extension between
Bend and Lakeview, Oregon, with a di-
rect connection with the so-called Hat-
ton cut-off, and a cross-tie extension
from the Malheur Junction-Harriman
branch to a connection with the Natron
cut-off, either directly or through
Emeryville or Bend, as a part of a rail-
road system between Western Oregon
and California on the west and Eastern
Oregon, Idaho and trans continental
territory on the east.

PHOENIX, Ariz. According to F. W.
Taylor, gen. purch. agent of the So.
Pac. Ry., all labor and supplies for new
main line const. through Phoenix will
be secured from Arizona sources, as far
as possible. Sixty per cent of cost will
be labor.

FIRE ALARM SYSTEMS

STOCKTON, San Joaquin Co., Cal.—
Until Nov. 10, 5 p. m., bids will be rec.
by A. L. Banks, city clerk, to furnish
and install police and fire alarm sys-
tems. Cert. check 10% payable to City
Auditor req. with bid. W. L. Hogan,
city eng. See call for bids under official
proposal section in this issue.

LOS ANGELES, Cal.—Brown & Pen-
gilly, Inc., 2114 E 9th St., awarded con-
tract for items 1, 2 and 3 for fire alarm
and police central sta. apparatus as
follows: (1) \$3300, (2) \$34,000, (3) \$27-
700, Pacific Elec. Clock Co., 443 S San
Pedro St., awarded cont. at \$570 for
item No. 4 (master clock). Sierra Elec.
Co., 443 S San Pedro St., awarded cont.
for item 4 at \$6250, item 5 at \$8225, and
3 at \$475.

SAN LEANDRO, Alameda Co., Cal.—
Until Nov. 3, 8 p. m., bids will be rec.
by J. J. Gill, city clerk, to fur. one 12-
m. non-signaling electric siren, 220-
volt, A. C. complete with switches,
wiring, push-buttons, etc. Additional
information obtainable from clerk.

PITTSBURGH, Contra Costa Co., Cal.
Gamewell Fire Alarm Co., at \$1100
awarded cont. to fur. and install three
manual fire alarm boxes.

FIRE EQUIPMENT

ALAMEDA, Alameda Co., Cal.—Sea-
grave Co., at \$10,000 awarded cont.
by council to fur. hook and ladder truck
for fire dept.

CHICO, Butte Co., Cal.—City trustees
vote to purchase new fire engine:
pumping capacity, 750 gals. per min.
Ira Morrison, city manager.

SEATTLE, Wash.—Until Nov. 14, 10
a. m., bids will be rec. by Wm. C.
Freeman, city purchasing agent, to fu-
re 24,000 2½-in. cotton jacket rubber
lined fire hose with couplings and 20

CHICO, Butte Co., Cal.—Until Nov. 5,
8 p. m., bids will be rec. by Ira R. Mor-
rison, city clerk, to fur. one triple
comb. auto pumping, chemical and hose
carrying engine; pumping capacity, 500
to 1000-gals. per min.; carrying 750 to
1000-ft. 2½-in. double jacket hose;
chemical capacity, 60 to 120 gals. Fur-
ther information obtainable from clerk

WHITTIER, Cal.—Until 7:30 p. m.,
Nov. 10, bids will be rec. for sale of one
Seagrave combination hose and chem-
ical truck, engine No. 142,635, built in
1915. Cert. check or bond 10%. Paul Gil-
more, city clerk.

RESERVOIRS AND DAMS

AMERICAN FALLS, Idaho—Follow-
ing bids rec. by U. S. Bureau of Re-
clamation to const. American Falls
project dam:

Schedule 1, 1,700,000 ac. ft. capacity
reservoir; Guy F. and Lynn S. Atkinson
\$1,926,315; Utah Const. Co., \$1,933,332.

Schedules Nos. 2 and 3, 1,040,000 ac.
ft. reservoir, Sched. No. 2, G. F. & L. S.
Atkinson, \$1,573,075; Utah Const. Co.,
\$1,548,092. Sched. 3, Atkinson, \$63,475;
Utah, \$86,310.

Totals, Atkinson, \$1,636,550; Utah,
\$1,634,402.

The engineer's estimates were as
follows: schedule 1, \$1,680,000. Sched-
ules 2 and 3, \$1,348,000. The principal
items of work involved are: 97,000 cu.
yds. excavation, 127,000 cu. yds. earth
embankment, 29,000 cu. yds. loose rock
embankment and rock paving, 178,000
cu. yds. concrete, 2,376,000 lbs. rein-
steel, 837,000 lbs. structural steel, 1-
844,000 lbs. cast iron gates, etc.

SAN BERNARDINO, Cal.—Chas. D.
Goldthwaits, Marsh-Strong Bldg., Los
Angeles, awarded cont. by DeWitt &
Blair Realty Co., 604 Union Bank Bldg.,
Los Angeles, to const. concrete core ear-
th dam, approx. 300 ft. long and 40 ft.
high at max. point, to form an 8-acre
lake, to be located at an elevation of
6800 ft. in San Bernardino mountains,
about 9 miles from Big Bear Lake, on the
Rim of the World Rd., on com-
pany's properties in Green Valley, San
Bernardino county. Est. cost, approx.
\$50,000.

ORLAND, Glenn Co., Cal.—Orland
Water Users' Ass'n., has voted to ask
U. S. Government to finance const. of
2nd reservoir to furnish additional
storage for irrigation of 20,500 acres
included in the present project. Pro-
posed reservoir will have storage ca-
pacity of 50,000 ac. ft.

SAN JOSE, Santa Clara Co., Cal.—
Herschbach and Scarrino, San Jose, at
\$7060 awarded cont. by supervisors to
const. rein. conc. bridge on Croly rd.
over Croly Creek, Rd. Dist. No. 1.
Other bids: Wm. Radtke, \$7400; W.
Martin, \$7524; Surveyor's estimate,
\$7565.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr.
Co.

Joe Dowling

California Highway
Commission

Blumenkranz & Ver-
non

Bates & Borland

Basalt Rock Co.

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AMERICAN FALLS, Idaho.—Tender offers of U. S. Reclamation District are invited to Washington, D. C., to construct, erect, install, and place in position, at American Falls, Idaho, a concrete dam, 1,040,000 cu. ft. capacity. Dam will be built on crest of dam; 25 control gates, 2 sluice gates and 3 spillways, penstock openings. Approx. quant. 100,000 cu. yds. earth excav.; 130,000 cu. yds. concrete; 250,000 lbs. steel; 1,844,000 lbs. structural steel; 1,844,000 lbs. reinforcement steel. The contractor will furnish cem. and all steel.

PIPE LINES, WELLS, ETC.

MODESTO, Stanislaus Co., Cal.—Until Nov. 12, 1931, bids will be received by H. E. Grage, city clerk, to drill well, approx. 100 ft. deep, 12-in. dia. to be 15-in. dia. and remainder 12-in. dia.; divided steel casing No. 12 gauge for 10-in. and 12 gauge for 12-in. section; the contractor to install pump and develop the well. Estimate, \$20,000. Cert. check 10% payable to Mayor, per. Plans on file in office of clerk. F. W. McCarton, city eng.

MODESTO, Stanislaus Co., Cal.—Until Nov. 12, 1931, bids will be received by H. E. Grage, city clerk, to fur: 500-ft. 10-in. and 650-ft. 6-in. Class "B" c. i. pipe; one 10 x 10 x 4-in. Class "B" c. i. tee; two 10-in. 22½-deg. Class "B" c. i. elbows; one 10 x 8-in. Class "B" c. i. reducer; one 10-in. Class "B" c. i. plug; one 10 x 8-in. Class "B" c. i. wye branch; one 10-in. flange and bell pipe 12-in. dia. Cert. check 10% payable to Mayor, per. Further information obtainable from E. W. McCarton, city eng.

MODESTO, Stanislaus Co., Cal.—Bids will be asked at once by city council to drill well near Junior College site; est. cost, \$12,000. F. W. McCarton, city engineer.

LOS ANGELES, Cal.—Until 9 A. M., Oct. 28, bids will be rec. by city purchasing agent, 202 N. City Hall Annex, for galvanized iron pipe. Spec. 1921.

KLAMATH FALLS, Ore.—Until Nov. 11, bids will be rec. by U. S. Bureau of Reclamation, Klamath Falls, to lay 2265 ft. 30-in. pre-cast reinforced pressure pipe. Further information obtainable from above office.

SAN DIEGO, Cal.—Council appropriates \$1650 to purchase 110 ft. 8-in. class B water pipe.

SEWAGE DISPOSAL PLANTS

BEVERLY HILLS, Cal.—Salary S. Bradshaw & Taylor, Mortgage Guarantee Bldg., Los Angeles, consulting engineers, announced by proposed plans for sewage disposal plant to serve population of approx. 12,000. The price set by Los Angeles on connection with new outfall was considered excessive by city trustees.

PORTERVILLE, Tulare Co., Cal.—Estimates have been submitted to city council covering cost of sewage disposal system (17,000 lined tanks; filter beds, \$15,000; dosing chamber, \$8600; miscellaneous \$1250; engineering expense, \$3500; Proceedings, \$500). A bond issue is contemplated to finance the work.

MISCELLANEOUS CONSTRUCTION

SAN FERNANDO, Cal.—See "Government Work and Supplies," this issue. Bids wanted.

SACRAMENTO, Cal.—Sacramento Chapter of Contractors (Good Roads Committee) request supervisors to construct, under Southern Pacific tracks at Brighton, Chas. Deterding, Jr., county engineer, instructed to prepare estimates of cost.

SAN FRANCISCO, Calif.—Nov. 5, 31, bids will be rec. by Bd. of Public Works to erect steel bus structure for Moccasin Creek Power plant, Hetch Hetchy project, under Contract No. 107; est. cost, \$30,000. Plans obtainable from Department of Public Works, 2nd Floor City Hall.

LOS ANGELES, Cal.—Council plans const. of pedestrian tunnel under Sunset Blvd., at N Spring St.

WATER WORKS

LOS ANGELES, Cal.—Until 3 p. m., Nov. 4, bids will be rec. by pub. serv. comm., 207 S Broadway, for 400 2½-in. single nozzle fire hydrants; spec. No. 733. Jas. P. Vroman, secy.

MODESTO, Stanislaus Co., Cal.—City council authorizes purchase of pumping unit to be installed in vicinity of Modesto school site. F. W. McCarton, city engineer.

CALIPATRIA, Cal.—Election will be held Nov. 4 to vote \$50,000 bond issue for water sys. and filtration plant. P. N. Myers, city clerk.

CALIPATRIA, Cal.—City votes Nov. 4 on \$8000 park bond issue. P. N. Myers, city clerk.

OAKDALE, Stanislaus Co., Cal.—City will purchase new turbine pump; capacity, 600 gals. per min. Geo. Macomber, city engineer.

LINCOLN, Placer Co., Cal.—H. Gould, Sacramento, at \$34,330, awarded cont. by city trustees to const. water system.

LOS ANGELES, Cal.—Wayne Tank & Pump Co., 135 W Washington St., submitted low bid to bd. pub. wks. at \$1025 for tanks, pumps, etc., under spec. 1019. The Boyle-Dayton Co. bid \$1177.65.

PORTLAND, Ore.—Until Nov. 7, 1 p. m., bids will be rec. by R. W. Lincoln, Stubbs Bldg., Portland, representing the Parkrose Water District, to fur. and erect a 500,000-gal. steel water tank including concrete foundation and piping. Specifications obtainable from above office on deposit of \$10, returnable.

CALEXICO, Cal.—\$35,000 water extension bond issue carried at recent election.

SAN ANSELMO, Marin Co., Cal.—Directors of Marin Municipal Water District contemplate bond issue for \$1,000,000 to finance installation of additional pipe lines and other improvements.

SAN ANSELMO, Cal.—Election will be held Nov. 4 to vote on \$984,000 bond issue for development of San Gabriel Canyon water supply for municipal water dept.

LIVINGSTON, Merced Co., Cal.—Election will be called shortly by city trustees to vote bonds to finance construction of municipal water system; est. cost \$50,000. A. E. Cowell, Merced, city eng. Proposed to erect 50,000-gal. capacity steel tank, elevated 100 ft. with complete circulating system, 2 pumps, one with capacity of 250 gals. per min. another of greater capacity for emergency use.

FLAGSTAFF, Ariz.—Council plans const. with Santa Fe Ry. water imps., involving an issue of bonds in the sum of \$100,000 to build a reservoir and pipe line to intake at springs; railway to deed present sys. to city upon payment of \$235,000 in cash and \$125,000 in yearly payments of \$15,000 and balance in water. Reservoir would have 50,000,000-gal. capacity. I. B. Koeh of Flagstaff, is representing city committee on project.

PLAYGROUNDS AND PARKS

WHITTIER, Cal.—Until 7:30 p. m., Nov. 10, bids will be rec. for 1200 ft. fence No. 9 gauge, 2-in. mesh, 60-in. wide, posts, etc. Cert. check \$50. Paul Gilmore, city clerk.

ALHAMBRA, Cal.—Council declares intent to install 6-in. c.i. water mains in:

4th St., bet. Commonwealth Ave. and 400 ft. s of Main St.

Commonwealth Ave., bet. Date Ave and Elm St.

Date Ave., bet. Lemon St. and Mission Rd.

SEWERS & STREET WORK

BERKELEY, Alameda Co., Cal.—Until Nov. 18, 9 p. m., bids will be rec. by E. M. Hann, city clerk, to imp. (Res. of Inten. 519) Shasta St., from existing concrete pavement about 65-ft. off of Tallac St., north and east to Hopkins Terrace involve grading and pave with 6-in. conc., portions to be regraded and remacadamized; const. 4-in. lateral sewers and manhole. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

SAN FRANCISCO.—J. W. Bender Roofing & Paving Co., Moradnock Bldg., San Francisco, at \$9025 submits low bid to State Board of Harbor Commissioners to repair and coat roofs on Piers Nos. 37 and 24 and south extension of Ferry Bldg. Other bids, taken under advertisement were: Alta Roofing Co., \$10,292.14; Collier Roofing Co., \$2225.

REDWOOD CITY, San Mateo Co., Cal.—W. A. Dontaeville, Salinas, at \$27,437 awarded cont. by city trustees to imp. portions of Hilton, Maple, Cedar Sts., etc., involve grading and pave with conc., \$22½ sq. ft.; cem. conc. curbs, \$50 lin. ft. Other bids: General Construction Company, \$30,829; W. W. Thompson, \$30,597.16; A. Telchert and Son, \$32,079; George W. Cushing, \$27,815.86; Freeman & Whiting, \$31,133.71; Downer & Mero, \$30,364.80.

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YUMA ARIZ. Until Nov. 3, 2 p. m., bids will be rec. by W. C. Lofthouse, State Architect, Phoenix, Ariz., for 10,275 sq. yds. paving in Yuma. Bids de-
signed an approximate types of pavement. Spec. obtainable from one on deposit of \$5.

LOS ANGELES, CAL. Griffith Co., 202 E. A. Ry. Bldg. awarded cont. by 1st Pub. Wks. at \$14,845 to pave 14th St., bet. Gaffey and Parker Sts., with asphalt, incl. curb, walk, etc.

Griffith Co. awarded cont. at \$16,792 to pave Ethel Ave., bet. Oxnard St. and Sherman Way.

FRESNO, Fresno Co., Cal.—Calif. Rd. and St. Imp. Co., Fresno, awarded cont. by Board of Indus. and Com. to imp. alley in Block 83 and portion of Marlboro St., involv. grading and removing old pavement, \$1555; 4-in. asphalt conc. with 2-in. asphalt conc. top course, with liquid asphalt and rock screenings surface coat, \$223.

LOS ANGELES, CAL. Geo. H. Oswald 366 E. 58th St., awarded cont. by Bd. Pub. Wks. at \$19,375 to pave 87th Pl., bet. Main St. and Moneta Ave.; cem. conc., bitum. base, Warrentite-bitul. pav., curb, walk, etc.

SAN DIEGO, CAL.—David H. Ryan, 215 1/2 6th St., San Diego, awarded cont. at \$18,464 to pave Goldfinch St., Reynard Way, and State St.
Olof Nelson 1470 E. St., San Diego, awarded cont. at \$7951 to imp. Monroe St., bet. Texas and 39th Sts., curbs and walks.

BERKELEY, Alameda Co., Heafey-Moore-McNair, 2030 High St., Oakland, awarded cont. by council (518) to imp. Avis rd., bet. San Antonio and San Luis Road and portion of San Antonio Ave., involv. grading; const. conc. curb and gutter; macadamizing; 7-in. by 30-in. conc. and corr. iron culverts with 5-in. by 24-in. branch culverts, curb inlets and junction basin; nine 4-in. lateral sewers. 1911 Act.

WILLITS, Mendocino Co., Cal.—A. E. Towne, 709 E. Lindsay St., Stockton, at \$325 awarded cont. by town trustees to const. two sewer lines. Other bids: J. Garden, \$872; J. Chambers & D. A. G. Ferreira, \$4305.

SAN DIEGO, CAL.—Until Nov. 17, bids will be rec. by supervisors to pave Museum Grade on the San Diego-Ramona highway. Roadway will be 6-m. in length, 18 ft. wide, and paved with 5-in. cem. conc. J. B. McLees, clerk.

SAN FRANCISCO—Until Nov. 12, 3 p. m., bids will be rec. by Bd. Public Works to imp. Virginia Ave., bet. Mission and Coleridge Sts., involv. const. conc. curbs; reset existing granite curbs; 6-in. ironstone pipe sewers; catchbasins with 10-in. ironstone pipe culverts; art. stone walks; asphalt conc. pavement with wheel guard. Spec. obtainable from Bureau of Engineering, 3rd floor, city hall.

SAN RAFAEL, Marin Co., Cal.—Supervisors reject bids of T. A. McDougall and Pacific States Const. Co. to furnish and spread crushed rock on White Hills road.

PASADENA, CAL.—Until 10 a. m., Nov. 4, bids will be rec. to imp. Wyoming St., bet. Lincoln and Glen Aves.; grading, oil mac. pav., curb, gut., walks. 1911 act W. C. Earle, city engr. Chamberlain, city clerk.

SAN LEANDRO, Alameda Co., Cal.—City trustees, J. J. Gill, clerk, declare inten. to const. 6-in. sewer, manholes, wye branches and house sewers from manhole in Park St. to Carpenter St. 1911 Act. Protests Nov. 17.

SANTA BARBARA, CAL. Council declares inten. to imp. Chapala St., bet. Cabrillo Blvd. and Yonaholi St. in the Ambassador Tr. and portions of other sts.; gut., combined curb and gut.; cross-gut., conc. driveways, stone curb, 6-in. vit. sewer, 4-in. hse. conc., 6-ft. sidewalks, 1 1/2-in. asphalt conc. surface or set concrete base. 1911 act S. E. Taggart, city clerk.

PITTSBURGH, Contra Costa Co., Cal.—City trustees reject an offer of Hutchinson Co., Oakland, at approx. \$6000 to imp. Railroad Ave. from A. T. & S. F. Rly., to south city limits, involv. paving with 1 1/2-in. or 2-in. asphalt conc. wearing surface. Work will be done by city forces.

SAN DIEGO, CAL.—Until 10:30 a. m., Nov. 10, bids will be rec. to imp. Canon St., involv. 113.2 cu. yds. earth excav., 679.5 cu. yds. earth embank., 123,420 sq. ft. 4-in. cem. conc. pav., 4011.3 lin. ft. cem. curb; 175 cu. yds. earth dike; 33 lin. ft. of curtain wall 2 ft. by 6 in.; 15 6-in. cem. sewer laterals; 3 4-in. cem. sewer laterals.

Bids, same date, to imp. Juniper and 31st Sts., involv. 125,498.3 sq. ft. 1 1/2-in. asphalt conc. pav. on 4-in. cement conc. base; 11,320 sq. ft. 4-in. conc. pav., 531.32 sq. ft. cem. walk; 1180.52 lin. ft. cem. curb. 1 4-in. cement sewer lateral. F. A. Rhodes, city engr.

SAN FRANCISCO Eaton and Smith, 715 Ocean Ave., at \$7077 submit low bid to State Bd. of Harbor Comm. to pave Outer Wharf at Islais Creek involv. 69,400 sq. ft. 2-in. Topeka wearing surface and 9500 sq. ft. seal coat surface. Other bids, taken under advisement, were: Raich Imp. Co., \$8109; Pay Imp. Co., \$7413.

SAN PABLO, Contra Costa Co., Cal.—Until Nov. 3, 8:15 p. m., bids will be rec. by F. V. March, secy. San Pablo Sanitary District to const. 8-in. vit. sewers in portions of Stockton Street Extension and 70-ft. of 8-in. c.i. pipe across Alvarado St. and 6-in. c.i. pipe, 50-ft. in length in Alvarado St. and 6-in. vit. sewer in Alvarado St. and Church Lane; br. and cem. conc. manholes; lampholes and wye branches. 1911 Act. Cert. check 10% payable to district required. Plans on file in office of secy. Ross L. Calfee, eng. for dist.

SAN DIEGO, CAL.—Pioneer Truck Co. 954 3rd St. low bidder at \$37,843 to imp. Sixth and Date Sts., involv. 233,776 sq. ft. 2-in. asphalt conc. pav. on 3-in. bitum. base 15.6 sq. ft., 2640.88 sq. ft. walk 226 ft., 914.6 ft. curb 656 ft., 178.5 cu. yds. earth excav. \$1 yd.; remov. of walk, curb and culv. \$2 yd.

PIONEER TRUCK CO., 954 3rd St. low to imp. B. St., bet. 12th and 18th Sts., involv. \$4,459.41 sq. ft. 5-in. conc. pav. 17.8c ft.

PASADENA, CAL.—Until 10 a. m., Nov. 4, bids will be rec. for sewer in Euclid Ave., bet. Glen and Ipswich Sts., Wallis St., bet. Euclid and Los Robles Aves., and portions of Ipswich St., Los Robles Ave., Marengo Ave.; sewer, manholes, flush tanks, wyes and base, cont.; 1911 act W. C. Earle, city engr. Bessie Chamberlain, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 3, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to improve Jerome St., bet. Delmas and Prevost Sts., involv. grade and pave with 4-in. Warrentite-bit. surface; const. hyd. cem. conc. walks, curbs, gutters; 2 hyd. cem. conc. storm drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to clay reg. Plans on file in office of clerk. Wm. Popp, city eng.

OAKLAND, CAL.—R. J. Blanco, Vallejo, at \$35,927.90 awarded cont. by supervisors to pave with 5-in. conc. 1 1/2-m. of Byron-Bethany road to connect with existing pavement on the road San Joaquin counties. Other bids were: M. Bettolino, \$36,093; Tibbals, Percival and Cress, \$36,761; G. W. Cushing, \$38,896; Heafey, Moore and McNair, \$41,291; S. C. Rogers, \$41,110; General Construction Co., \$44,408. For 7-in. asphalt conc. pavement bids were submitted by Valley Paving and Const. Co., \$40,051; Galbraith and Jones, \$41,037; Kaiser Paving Co., \$44,369.

INGLEWOOD, CAL.—Geo. H. Oswald, 366 E. 58th St., Los Angeles, low bidder at \$39,042 to imp. Ash Ave., bet. Reine and Blvd. and 10th St., involv. 186,027 sq. ft. grading (6500 cu. yds.); 1582 ft. 15-in. curb, 460 ft. 18-in. curb; 25,398 sq. ft. walk; 117,850 sq. ft. 5-in. Willie (1 1/2-in. surface on 3 1/2-in. asphalt conc. base); 18 1/2-in. by 2-in. water services, Arthur W. Cory, city engr. Other bids: H. G. Feraud, \$40,232.95; Geo. R. Curtis Fav. Co., \$40,446.04.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raich, Builders' Exchange, San Jose, awarded cont. by council to imp. 8th St., bet. Empire and Jackson Sts., involv. grade and pave with 1 1/2-in. Du-rile asphalt concrete surface on 3-in. Du-rile asphalt conc. base; const. conc. curbs, gutters and walks; 2 hyd. cem. conc. driveways; 1 hyd. cem. conc. inlet with stand. 17-in. c.i. grating and frame; 8-in. vit. pipe drains.

INGLEWOOD, CAL.—Kuhn Bros., 403 Center St., Manhattan, awarded cont. at \$29,620 to imp. Highland Blvd. and other streets, involv. 126,960 sq. ft. grading (3438 cu. yds.); 662 ft. curb; 1753 sq. ft. 6-in. curb; 1615 conc. curb; 123,638 sq. ft. 6-in. conc. pav.; 78 pillow blocks; 81 water services.

SALINAS, Monterey Co., Cal.—County Surveyor Howard Cozzen instructed to prepare spec. to imp. Moro Cojo road near Castroville; will be graded and gravelled.

ALHAMBRA, CAL.—Culjak & Bebek, 425 W. 78th St., Los Angeles, low bidders at \$52,480 for reinf. conc. storm drain in Ramona Blvd., Hellman Ave. and portions of other sts. 200 ft. 48-in., with 12-ft. to 20-ft. cut with average cut of 14-ft., 23 catch basins, and laterals from catch basins to main sewer, as follows: 264 ft. 12-in., 77 ft. 16-in., 21 ft. 18-in., 10 ft. 24-in., 12 ft. 30-in. M. H. Irvine, city engr. Otto N. Hugen, asst. sewer engr. Other bids: Hickey & Harmon, \$53,000; Campbell Constr. Co., \$56,000; R. A. Wattin, \$61,500; United Conc. Pipe Co., \$61,500; Barnett & Olivari, \$62,500; Jones Contr. Co., \$62,600; Geo. W. Kemper, \$65,000; Dalmatin & Guho, \$66,130; M. G. Eriek, \$68,600; Zarubka & Radich, \$68,775; Cox & Rees, \$69,300; Bashish Bros., \$70,900; Thos. Haverly Co., \$75,275.

SAN FRANCISCO—H. T. Guerin, 3528 21st St., awarded cont. by Bd. Pub. Wks. to const. road from Lake Merced Golf Links to Skyline Blvd., involv. 27,620 cu. yds. cut, \$43 cu. yd., 3,500 cu. yds. rock and gravel surface, \$3 cu. yd.; 875 lin. ft. wood rail fence, \$22 lin. ft.; remove existing bridge, \$75,100 lin. ft. galv. corr. culvert, \$170 lin. ft.; remove tree and cutting cord, \$3.90.

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EUREKA, Humboldt Co., Cal.—Until Nov. 3, 8 p. m., bids will be rec. by N. Walter Kiddale, city clerk, to imp. (No. 15) Spring St., bet. Wabash and Har- ris Sts., involving grading and paving with 2½-in. asphalt, concrete base and 12-in. Warrenton-bit, concrete curbs and 12-in. vit. pipe manholes; cem. conc. sanitary sewer laterals; cem. conc. curbs and gutters; corrugated steel iron steps; conc. culverts and curbs, 1911 Act and Bond Act 1915. Cert. check 10% payable to city eng. Plans on file in office of clerk. Harry H. Hannah, city eng.

EUREKA, Humboldt Co., Cal.—Until Nov. 3, 8 p. m., bids will be rec. by N. Walter Kiddale, city clerk, to imp. (No. 17) portions of A St., involving grading, paving with asphalt, concrete base (various thicknesses), c. l. and conc. culverts; lit. surface, c. l. and conc. culverts; lit. pipe house sewer laterals; catch basins; cem. conc. curbs, 1911 Act and Bond Act 1915. Cert. check 10% payable to city eng. Plans on file in office of clerk. Harry H. Hannah, city eng.

GLENDALE, Cal.—Lump sum low bids aggregating \$1,278,781 were received by city trustees to const. three sections of city outfall sewer connecting with Los Angeles city outfall. Byrne & Marshall, consulting engineers, 415 Marshall St., Glendale, Cal. Bids were referred to the city engineers for checking and counters, will probably be let at 10 a. m., October 21st. Apparent low bidders were:

Section 1, Chas. and Geo. K. Thompson, 701 Brockman Bldg., Los Angeles, \$315,000 on Alt. 3 for elliptical monolithic conc. sewer with vit. liners throughout; \$31,000 for B-pass sewer comp. with vit. pipe.

Section 2, E. Green, 118 Western Mut. Life Bldg., Los Angeles, Alt. 1, \$422,761 for precast reinforced concrete with vit. liners except where cast iron pipe is required; Alt. 2, \$111,161 for circular monolithic conc. pipe with vit. liners; monolithic conc. pipe with vit. liners, except where cast iron pipe is required; and \$127,761 for precast conc. pipe, and monolithic, circular or elliptical, segmental blk. conc. sewer except where cast iron pipe is required.

Section 3, R. A. Watson, 4228 McIvor Hill, Los Angeles, \$361,000 for Alt. 1, using precast reinforced concrete pipe with vit. liners; or \$336,000 for Alt. 3 for elliptical monolithic conc. pipe with vit. liners.

FRESNO, Fresno Co., Cal.—Until Nov. 6, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, (Res. of Inten. 2) section 2 to const. cem. curbs, walks and driveway approaches in Wishon Ave., bet. Weldon Ave. and north city limits, and in portions of Cambridge, Vassar Ave., etc., 1911 Act. Cert. check 10% payable to city eng. Wm. Stranahan, City Engineer.

LOS ANGELES, Cal.—Council declares intent to const. cem. sewers (under 1911 act) in:

Myceson St., bet. Annandale Blvd. and 833 W. 6-in. to 8-in. pipe.

Stowe Terrace, bet. Outlook Avenue and Monte Vista St.; 6-in. to 8-in. pipe.

OAKLAND, Cal.—Until Nov. 13, 11:30 a. m., bids will be rec. by E. K. Stiles, city clerk, to imp. portions of Pierson St., involving grading and paving; const. curbs, gutters, walks, conduits, 2 storm water inlets, one manhole, three storm water drains, 1911 Act. Cert. check 10% payable to city eng. Plans on file in office of clerk. W. W. Harmon, city engineer.

ALHAMBRA, Cal.—City Engr. M. H. Irvine ordered to prepare open spec. for street work. New spec. are to include cem. conc. cem. conc. with black top, and asphalt conc.

LOS ANGELES, Cal.—Council orders const. of 8-in. iron pipe sewer in Altura St., bet. Johnston St. and Griffin Ave.; 1911 Act.

LONG BEACH, Cal.—Council orders sewer sys. in dist. bounded by California and Temple Aves., so of newly incorporated city of Signal Hill. R. D. Van Alstine, city eng.

SANTA MONICA, Cal.—An agreement bet. Pacific Palisades, Santa Monica and Venice may be reached shortly whereby a 3-mi. trunk line may be built to connect with the Los Angeles outfall at Hyperion. The cost would be apportioned as follows: \$250,000 to Pacific Palisades Assn., \$250,000 to Santa Monica, and \$100,000 to Venice. A bond issue will have to be voted in each community.

SANTA CRUZ, Santa Cruz Co., Cal.—City council contemplates bond issue of \$150,000 to finance construction of sewer system. H. E. Godegast, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Nov. 10, 3:15 p. m. bids will be rec. by H. E. Miller, county clerk, to imp. portions of Stetson, Sequel and San Jose, Montgomery, Mt. Batchelor and Cortez, and Marks road Slough and Cortez, and Marks road Slough section of Sequel Rd. Dist. Spec. obtainable from County Surveyor Lloyd Bowman on deposit of \$5, returnable.

CERES, Stanislaus Co., Cal.—City Eng. D. P. Boothe instructed to submit estimates of cost to pave Main and Fourth Streets. Other streets will be paved as soon as proceedings can be put under way.

CERES, Stanislaus Co., Cal.—City Eng. D. P. Boothe instructed to submit estimates of cost to pave Main and Fourth streets. Other streets will be paved as soon as proceedings can be put under way.

HUNTINGTON PARK, Cal.—J. J. Lilley & Son, Fullerton, awarded contract at \$21,914 for curbs and walks in Walnut, Live Oak, Olive Sts., Broadway and California Ave. Paul E. Kressly, 732 H. W. Hellman Bldg., Los Angeles, city engr.

FRESNO, Fresno Co., Cal.—Service Rock Co., Fresno, at \$9300 awarded contract by supervisors to fur. 6500 tons gravel for county rd. imp.

MONTREY PARK, Cal.—J. D. Phillips, 605 San Fernando Bldg., Los Angeles, low bidder at \$21,139 to imp. Alhambra Ave. about ½ mi., involving 126,000 sq. ft. 4-in. oil mac. 7c ft; 25,400 sq. ft. walk 18c ft; 5000 ft. curb 50c ft; 3250 ft. gk. 22c ft; grading 3c ft.

SAN ANSELMO, Marin Co., Cal.—Town trustees, A. W. Studley, clerk, declare intent. (No. 59) to imp. Humboldt Ave. for its entire length and San Anselmo Ave. involving grading; const. conc. catchbasins; corr. iron pipe culverts with conc. headwalls and cleanouts; 1 yd. cem. pave, 1911 Act and Bond Act 1915. Protests Nov. 6. J. J. Jessup, town eng.

LOS ANGELES, Cal.—Geo. F. Curtis pay. Co., 2440 E 26th St., awarded contract at \$16,325 to pave Kenmore Ave., bet. Hollywood and Sunset Blvds.

ALHAMBRA, Cal.—Cox & Teget, 615 N. Olive, Alhambra, awarded contract at \$92,916.63 to const. sewers in Dist. No. 11.

TURLOCK, Stanislaus Co., Cal.—A. Trenchard and Sons, Delmar Bldg., Sacramento awarded contract by city trustees to imp. Locust St. from pavement in Columbia St. to Main St., involving grading and paving with 3-in. asphalt, concrete base and 12-in. Warrenton-bit surface; cem. curbs and gutters; corrugated iron culverts.

LAKEPORT, Lake Co., Cal.—R. E. Goodwin, Ukiah, Calif., selected as engineer to prepare spec. for extensive paving program. Main street will be the first street paved, proceedings already having been started.

SAN ANSELMO, Marin Co., Cal.—Until Nov. 6, 3 p. m., bids will be rec. by A. W. Studley, town clerk to const. vit. sanitary sewer with waves in portions of Calumet Ave., including timber bulkhead, brick and conc. manholes, 1911 Act & Bond Act 1915. Cert. check 10% payable to town reg. J. J. Jessup, town eng. Plans on file in office of clerk.

LOS ANGELES, Cal.—John Artuko, 2264 N. Vineyard Blvd. Ave., awarded contract at \$2,750 for sewer in 79th St., bet. South Park Ave. and San Pedro St.

SAN ANSELMO, Marin Co., Cal.—Town trustees, A. W. Studley, clerk, declare intent. (No. 5 N. S.) to improve portion of California Lane involving grading and pave with hyd. conc., 1911 Act & Bond Act 1915. Protests Nov. 3. J. J. Jessup, town eng.

LOS ANGELES, Cal.—Until 2 p. m., Nov. 24, bids will be rec. by supervisors to imp. Hawthorne Ave., bet. Redondo-Union and Redondo-Torrance Blvds., 2.54 miles.

Separate bids to imp. Western Ave., bet. Palos Verdes Ranch and Tract No. 4252, .98 miles.

LOS ANGELES, Cal.—Until 2 p. m., Nov. 17, bids will be rec. by supervisors to imp. Valley in Rd. Dist. No. 1, and 1200 ft. west in Rd. Dist. No. 1. Plans obtainable from co. road dept.

RIVERSIDE, Cal.—Supervisors declare intent to imp. Main Ave., Palm Springs, involving 5-in. asphalt, cem. pave, 1911 Act, R. D. No. 16, Hearing Nov. 24. A. C. Fulmer, county surveyor. D. G. Clayton, clerk.

PASADENA, Cal.—Council declares intent to const. steel reinforced conc. conc. cover, with driveways, intake drains, manhole, upon existing storm drain in Elmira St.; 1911 act. W. C. Earle, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Wilson D. Ellis at \$25,214.65, submits only bid to supervisors to imp. Coffin Rd. in Dist. 4. Bid rejected. Surv. est. \$11,000. Work will be done by day labor. Robt. Chandler, county surveyor.

OAKLAND, Cal.—Alameda county supervisors appropriate \$200,000 as county's portion of cost to imp. E-14th St., bet. 20th Ave. and San Leandro city limits. The city of Oakland will pay half the cost, its part of cost and the property owners the balance. W. W. Harmon, city eng. of Oakland. Geo. A. Posey, county surveyor.

Auto Supplies

—at Cut Rate—

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST.

Junction Valencia

24 VANNESS AVENUE

Phone Market 8926

Near Market

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue

No.	Owner	Contractor	Amt.
4450	Nelson	Owner	3000
4451	Nelson	Owner	3200
4452	Nelson	Owner	3000
4453	Nelson	Owner	3000
4454	Nelson	Owner	3000
4455	Nelson	Owner	3000
4456	Nelson	Owner	3000
4457	Nelson	Owner	3000
4458	Nelson	Owner	3000
4459	Nelson	Owner	3000
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4498	Nelson	Owner	3000
4499	Nelson	Owner	3000
4500	Nelson	Owner	3000

FRESNO, PRE-
Nov. 6, 10:30 A. M.
H. S. Foster, city
11-D) to const. c
driveaway approach
bet. Weldon Ave. and
in portions
Ave., etc., 1911
payable to city
City Engineer

LOS ANGELES, PRE-
Nov. 6, 10:30 A. M.
H. S. Foster, city
11-D) to const. c
driveaway approach
bet. Weldon Ave. and
in portions
Ave., etc., 1911
payable to city
City Engineer

4501	Nelson	Owner	3000
4502	Nelson	Owner	3000
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4505	Nelson	Owner	3000
4506	Nelson	Owner	3000
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4628	Nelson	Owner	3000
4629	Nelson	Owner	3000
4630	Nelson	Owner	3000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

CONTRACTS
 (4162) **W. A. GILMAN**, 1553 Howard St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

APARTMENTS
 (4162) **800 BROADWAY AVENUE**, 1500 Broadway, Bklyn. 10019, N. Y. City. Two-story brick, brick, and wood, apartment house, etc.
 Owner—J. Boudliou, 2625 20th St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

DWELLINGS (10)
 (4162) **W. A. GILMAN**, 1553 Howard St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

FLATS & FLATS (2)
 (4162) **W. A. GILMAN**, 1553 Howard St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

DWELLINGS (4)
 (4162) **E. VALDEZ**, 230 N. MONTEREY, N. Y. City. Four 1-story and basement frame dwellings.
 Owner—Nelson Bros., 950 Monterey Blvd., S. F.
 Architect—Chas. F. Strothoff, 2274 15th St., S. F. \$4,000 each

FLATS (4)
 (4162) **N. PINLEY**, 152-5 W. BUCHANAN, N. Y. City. Four 2-story and basement frame (2) flats (a flats in each bulk).
 Owner—Hind Building Co., 711 Hearst Bldg., S. F.
 Architect—W. G. Hind, 711 Hearst Bldg. San Francisco.
 3 at \$7,000 and 1 at \$3,000

FLATS
 (4162) **W. 19TH AVE**, 225 S. NORIEGA, San Francisco.
 Two-story and basement frame (2) flats.
 Owner—J. N. Flack, 914 Dolores St., San Francisco.
 Architect—None.
 Contractor—R. O. Beach & Son, 4173 23rd St., S. F. \$10,000

FLATS
 (4162) **N. FULTON**, 170 W. WILLARD, San Francisco.
 Two-story and basement frame (4) flats.
 Owner—John E. Beck, 180 Jessie St., San Francisco.
 Architect—None. \$12,000

APARTMENTS
 (4162) **SE BALBOA AND 28TH AVE.**, San Francisco.
 Two-story and basement frame stores and (3) apartments.
 Owner—Benjamin Schner, 1766 O'Farrell St., S. F.
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.
 Contractor—David Leigh, 801 42nd Ave., San Francisco. \$9,500

FLATS
 (4162) **S. CALIFORNIA DET. 8TH & 9th Aves.**, San Francisco.
 Two-story and basement frame (4) flats.
 Owner—Oscar W. Thunberg and Frederick C. Fish, 4611 California St., San Francisco.
 Architect—None. \$10,000

DWELLINGS (5)
 (4162) **N. STAPLES**, 150, 175, 200, 225, 250 W. Edna, Five 1-story and basement frame dwellings.
 Owner—Rudolph Mohr & Sons, 233 Pacific Bldg., S. F.
 Architect—None.
 Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$3,000 each

FLATS
 (4162) **W. A. GILMAN**, 1553 Howard St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

FLATS (10)
 (4162) **W. A. GILMAN**, 1553 Howard St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

DWELLINGS (10)
 (4162) **W. A. GILMAN**, 1553 Howard St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

ALTERATIONS AND ADDITION
 (4172) **S. GEARY & TAYLOR**, 8 137-6 & E 137-6. Excavating, removal of walls, shoring, bulkheading, sheet piling.
 Owner—Cliff Realty Co., Cliff Hotel.
 Architect—Schultz & Weaver, 17 E. 49th St., New York.
 Contractor—Farrar & Carlin, 180 Jessie St., S. F.
 Filed Oct. 23, 1924. Dated Sept. 24, 1924.
 Bond, \$2,000. Sureties, Standard Accident Ins. Co., Forfeit, none. Limit, Usual 35 days.
 TOTAL COST, \$5,630
 Bond, none. Sureties, none. Forfeit, none. Limit, 120 days. Plans and specifications filed.

FRAME BLDG.
 (4172) **S. VALPARAISO**, 94-1 E. Taylor St., S. F. All work except lighting, fixtures, and shades for 1-story and basement frame bldg.
 Owner—B. Tralongo and M. Alchibito, 876 Filbert St., S. F.
 Plans by owner.
 Contractor—Farrar & Carlin, 180 Jessie St., S. F.
 Filed Oct. 23, 1924. Dated June 10, 1924.
 Roof on \$1,375
 Bond, \$2,000. Sureties, Standard Accident Ins. Co., Forfeit, none. Limit, Usual 35 days.
 TOTAL COST, \$1,375
 Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

FRAME BLDG.
 (4172) **W. TWENTY-FIFTH AVE**, 138 N. Leavenworth, San Francisco.
 All work for 2-story and basement frame bldg.
 Owner—Miss Elizabeth McFarland, 175 25th Ave., S. F.
 Architect—Harris Osborn, Hearst Bldg., San Francisco.
 Contractor—E. E. Wilson, 2530 28th Ave., S. F.
 Filed Oct. 23, 1924. Dated Sept. 6, 1924.
 Bond, \$2,000. Sureties, Standard Accident Ins. Co., Forfeit, none. Limit, Usual 35 days.
 TOTAL COST, \$8,500
 Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

STONE BLDG.
 (4172) **S. GEARY**, 27-29 E. Arguello Blvd., S. F. NE 29th, NE 66-4 W 65-1. All work for 1-story and mezzanine concrete and frame stone building.
 Owner—H. M. Hasemann, 1553 Pine St., San Francisco.
 Architect—S. Heiman, 57 Post St., S. F.
 Contractor—J. S. Mallick, 180 Jessie St., S. F.
 Filed Oct. 23, 1924. Dated Oct. 1, 1924.
 Concrete walls poured..... \$1,643.75
 Roof on 1643.75
 Completed and accepted 1643.75

CONTRACTS
 (4172) **W. A. GILMAN**, 1553 Howard St., San Francisco.
 Architect—David C. Gilman, 1553 Howard St., San Francisco.
 Contractor—J. B. Boudliou, 2625 20th St., S. F. \$12,000

DWELLING
 (4172) **N. GROVE**, 110 E. OCTAVIA, San Francisco.
 Two-story and basement frame dwelling.
 Owner—Amy and Mary E. Meyer, 472 Grove St., S. F.
 Architect—G. D. Gilman, 1553 Howard St., S. F.
 Filed Oct. 23, 1924. Dated Sept. 27, 1924.
 Bond, \$2,000. Sureties, Standard Accident Ins. Co., Forfeit, none. Limit, Usual 35 days.
 TOTAL COST, \$13,150
 Bond, none. Sureties, Margaret and John R. Gilmour, Forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
 (4172) **W. TWENTY-FIFTH AVE**, 138 N. Leavenworth, San Francisco.
 All work for 2-story and basement frame bldg.
 Owner—Miss Elizabeth McFarland, 175 25th Ave., S. F.
 Architect—Harris Osborn, Hearst Bldg., San Francisco.
 Contractor—E. E. Wilson, 2530 28th Ave., S. F.
 Filed Oct. 23, 1924. Dated Sept. 6, 1924.
 Bond, \$2,000. Sureties, Standard Accident Ins. Co., Forfeit, none. Limit, Usual 35 days.
 TOTAL COST, \$8,500
 Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

DWELLING
 (4172) **W. TWENTY-FIFTH AVE**, 138 N. Leavenworth, San Francisco.
 All work for 2-story and basement frame bldg.
 Owner—Miss Elizabeth McFarland, 175 25th Ave., S. F.
 Architect—Harris Osborn, Hearst Bldg., San Francisco.
 Contractor—E. E. Wilson, 2530 28th Ave., S. F.
 Filed Oct. 23, 1924. Dated Sept. 6, 1924.
 Bond, \$2,000. Sureties, Standard Accident Ins. Co., Forfeit, none. Limit, Usual 35 days.
 TOTAL COST, \$8,500
 Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

ALTERATIONS
 (4180) **NO. 505-507 MARKET**. Remodel store fronts; construct stairways.
 Owner—Dr. R. P. Fritsch, 460 Montgomery St., San Francisco.
 Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.
 Contractor—David Johnson, 505 Market St., San Francisco. \$3,500

DWELLING
 (4181) **W. THIRTY-THIRD AVE**, 175 N. Balboa. One-story and basement frame dwelling.
 Owner—J. R. Rorden and P. H. Remy, 1708 Market St., San Francisco.
 Architect—None. \$3,000

DWELLING
 (4182) **N. SEA CLIFF**, 160 W. Twenty-fifth Ave. Two-story and basement frame dwelling.
 Owner—Richard Minor, 163 Sutter St., San Francisco.
 Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
 Contractor—F. E. Allen, Inc., 168 Sutter St., San Francisco. \$8,000

DWELLING
 (4183) **E. THIRTY-FIRST AVE**, 150 N. Ulloa. One-story and basement frame dwelling.
 Owner—Bruce B. Guynn, % Contractor.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3,000

FLATS
 (4184) **N. TWENTY-THIRD**, 70 N. Bryant. Two-story and basement frame (4) flats.
 Owner—Paul Bruzza, 2679 Bryant St., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., S. F. \$6,000

DWELLING
 (4185) **W. SAN LEANDRO**, 58 N. Monterey Blvd. Two-story and basement frame dwelling.
 Owner—Westgate Park Co., 278 Post St., San Francisco.
 Architect—Masten & Hurd, 278 Post St., San Francisco.
 Contractor—Margels Bros., 4729 Mission St., S. F. \$6,000

DWELLING
 (4186) **S. FLOOD AVE**, 250 E. Detroit. One-story and basement frame dwelling.
 Owner—A. A. Wesendunk & Sons, 1747 Dolores St., San Francisco. \$3,000

ALUMINUM
(4489) W. VAN NISS AVE., 17 N. Lomb.
Three-story, three-unit and basement
frame, 142 apartments.
Owner—A. J. Johnson, 601 1/2 S. G.
St., San Francisco.
Architect—None.
\$20,000

FLATS
(4488) E. RETERO WAY 177 N. Beach.
Three-story, three-unit and basement
frame, 122 flats.
Owner—H. Lindeman, 619 27th Ave.,
San Francisco.
Architect—None.
\$10,000

ALTERATIONS
(4489) 1621 GRANT AVE. Out open-
ings in wall for fireproof doors
(theatre).
Owner—Chin Lain, premises.
Architect—None.
Contractor—Jas. B. McSheddy, S. F.
\$1,000

ELECTRICAL SIGN
(4490) CASTRO & 17TH STS. Furn-
ish and in stall two-sided vertical
electric sign.
Owner—Castro Theatre, premises.
Architect—None.
Contractor—Brimfield Electric Sign
Co., 965 Folsom St., S. F. \$1400

PLUMBING
(4489) N. BROADWAY BET. OCTAVIA
& Laguna. Plumbing for apart-
ment building.
Owner—Nineteen Sixty Broadway, S. F.
Architect—Quandt & Bos, Humboldt
Bk. Bldg., S. F.
Contractor—George N. Zaro, 441 Clem-
entina St., S. F.
Filed Oct. 24, 1924. Dated Oct. 20, 1924.
15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$15,545
Bond, \$7772.50. Sureties, Hartford Acci-
dent & Indemnity Co. Forfeit, none.
Limit, none. No plans filed. Specifi-
cations filed.

ELECTRICAL WORK
(4492) N. BROADWAY BET. OCTAVIA
& Laguna. Electrical work.
Owner—Nineteen Sixty Broadway, S. F.
Architect—Quandt & Bos, Humboldt
Bk. Bldg., S. F.
Contractor—Dowd Seld Electric Co.,
2369 Mission St., S. F.
Filed Oct. 24, 1924. Dated Oct. 20, 1924.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$3,440
Bond, \$1700. Hartford Accident & In-
demnity Co. Forfeit, none. Limit,
without delay. Specifications filed
Plans, none.

ALTERATIONS
(4489) S. CLAY ST. bet. 5th and 6th
Aves. Remodel kitchen pavilion.
Owner—French Hospital, premises.
Architect—U. Fabre & Hildebrand, 110
Sutter St., San Francisco. \$4500

DWELLING
(4494) 1. BALTIMORE 37 S. South Hill
Block one-story and basement
frame dwelling.
Owner—Harry Larety, 319 Chenery St.,
San Francisco.
Architect—None.
Contractor—Henry Erickson, 1825
Church St., San Francisco. \$3000

DWELLINGS
(4495) E. TENTH AVE 100 AND 150
S. Noriega. Two one-story and
basement frame dwellings.
Owner—R. N. Gibson, 55 5th St., San
Francisco.
Architect—Willis Lowe. \$3000 ea

STATION
(4490) S.W. RAILROAD AND EVANS
Aves. Steel auto service station.
Owner—Union Oil Co. of California, 287
Mills Bldg., San Francisco.
Plans by Owner. \$2000

DWELLINGS
(4487) W. ELLINGTON 216 AND 216
S. Whipple. One-story and
basement frame dwellings.
Owner—Paul Demartini, 2369 Octavia
St., San Francisco.
Architect—None. \$3000 ea

ALTERATIONS
(4498) W. NINETEENTH AVE 250 S
Kirkham. All work for alterations
and additions to Sunset Office
building.

Owner—The Pacific Telephone & Tele-
graph Co. 333 Grant Ave., S. F.
Architect—None.
Contractor—Monson Bros., 251 Kearny
St., San Francisco.
Filed Oct. 24, 1924. Dated Oct. 22, 24.
On 1st of each month 75%
30 days after 25%

Bond, \$16,860. Surety, Hartford Acci-
dent & Indemnity Co. Limit, forfeit,
none. Plans and specifications filed.

REPAIRS
(4493) NO. 725 COLE. General repairs
to flats.
Owner—T. Stapleton, Premises.
Architect—None.
Contractor—J. I. Hurley, 146 Hibernia
St., San Francisco. \$2000

ALTERATIONS
(4490) NO. 146 PARK HILL AVE
Three-story, three-unit and basement
frame, 122 flats.
Owner—St. Francis, 1250 Masonic
Ave., San Francisco.
Architect—None.
Contractor—Jenkins & Gross, 3360
Market St., San Francisco. \$1168

PURNITURE STORE
(4491) S. CLAY ST. 250 E. First Ave.
One-story and mezzanine floor cov-
ered, furniture store.
Owner—H. S. Houghton, Contractor
Architect—Houghton, 55 East St. San
Francisco.
Contractor—J. S. Malloch, 180 E. 1st
St., San Francisco. \$2000

GARAGE
(4491) N. LINDEN 141 E. Laguna One-
story, brick private garage.
Owner—Wm. Schmidt, 526 Hayes St.,
San Francisco.
Architect—None.
Contractor—C. Morris, 41 28th St. San
Francisco. \$2000

DWELLING
(4496) W. THIRTY SEVENTH AVE
125 N. Cabrillo. Two-story and
basement frame dwelling.
Owner—Roy A. Pratt, 7140 Geary St.,
San Francisco.
Architect—None. \$3000

FLATS
(4504) S. TWENTY-THIRD 148-9 W.
Howard. Two-story and basement
frame flats (2) flats.
Owner—Harry Beach, 3643 20th St., San
Francisco.
Architect—None.
Contractor—R. J. Beach & Son 417
23rd St. San Francisco. \$6000

DWELLING
(4505) N. AVALA 75 E. Lisbon. One-
story and basement frame dwlg.
Owner—Bertha Grass, 97 Lisbon St.,
San Francisco.
Architect—None.
Contractor—J. Metcalf, 135 San Bruno
Ave., San Francisco. \$2500

DWELLINGS
(4506) SE MORSE AND CURTIS S.
Morse 25 E. Curtis. Two one-story
and basement frame dwellings.
Owner—R. A. and Dorothy McAfee,
1915 Laguna St., San Francisco.
Architect—None.
Contractor—R. A. McAfee, 1915 Laguna
St., San Francisco. \$3500 each

DWELLING
(4507) W. FORTIETH AVE. 275 S.
Anza. 1-story and basement frame
dwelling.
Owner—F. W. Franklin.
Architect—None.
Contractor—H. S. Nelson, 689 6th Ave.,
San Francisco. \$4000

DWELLING
(4508) E. THIRTY-THIRD AVE. 95 S.
Anza. 2-story and basement frame
dwelling.
Owner—E. A. Herrguth, 4328 Geary St.,
San Francisco.
Architect—Fred Waxman, 2614 Valdez,
Oakland.
Contractor—A. W. Waxman, 616 34th
Ave., S. F. \$6000

FLATS
(1509) S. LINCOLN WAY 82-6 E 18TH
2 E. 2-story and basement frame
flats (2) flats.
Owner—Buhman & Rivers, 222 Phelan
Bldg., S. F.
Architect—None. \$10,000

FLATS
(4510) NE FULTON AND 46TH AVE.
2-story and basement frame 3
flats.
Owner—N. Rully, 890 33rd Ave., S. F.
Architect—None. \$3600

FLATS
(4511) N. FOURTEENTH 200 W. Va-
lencia. 2-story and basement frame
(4) flats.
Owner—Knight and Watts, 718 Guer-
rero St. S. F.
Architect—None.
Contractor—C. L. Knight, 718 Guer-
rero St. S. F. \$8000

APARTMENTS
(4512) E. SCOTT 33 S. Union. 3-story
and basement frame (6) apart-
ments.
Owner—J. Jacobson, % Contractor.
Architect—None.
Contractor—Christiansen Bros., 518
25th Ave., S. F. \$20,000

CLASS A BLDG.
W. NINETEENTH AVE. 250 S. Kirk-
ham. 3-story and basement class
A phone exchange.
Owner—Pacific Tel. & Tel. Co., 333
Grant Ave., S. F.
Engineer—E. V. Cobby, 333 Grant Ave.,
San Francisco.
Contractor—Monson Bros., 251 Kearny
St., S. F. \$44,000
NOTE—Recorded contract reported
Oct. 27, 1924, No. 4498.

FRAME BLDG.
(4513) S. BALBOA 82-6 E. 4TH AVE.
42 35 x 100. All work for 1-story
frame bldg., store and living apt.
Owner—Lillie Wissman, 370 27th Ave.,
San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F.
Filed Oct. 27, 1924. Dated,
Side and roof sheathing on \$1284.75
Brown coated 1284.75
Complete 1284.75
Usual 35 days 1284.75
TOTAL COST, \$5139
Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications not
filed.

CLASS C BLDG.
(4514) W. FIFTH 80 S. HOWARD.
All work for 2-story class C bldg.
Owner—D. W. and M. L. Woodruff, 860
Howard St., S. F.
Architect—None.
Contractor—Moller & De Luca, 180 Jes-
sie St., S. F.
Filed Oct. 27, 1924. Dated Oct. —, 1924.
Concrete poured to 1st floor
Line \$2085.75
Concrete poured to 2nd floor
Line 2085.75
Walls poured and roof on 2085.75
Completed and accepted 2085.75
Usual 35 days after 2782.00
TOTAL COST, \$11,125.
Bond, sureties, forfeit, none. Limit, 70
days. Plans and specifications filed.

DWELLING
(4515) W. THIRTY-THIRD AVE 200 N.
Cabrillo. One-story and basement
frame dwelling.
Owner—William Costello, 758 29th Ave.,
San Francisco.
Architect—None. \$3000

FLATS
(4516) NO. 273 TWENTY-THIRD AVE.
Underpinning (flats).
Owner—Alphonse Mathews.
Architect—None.
Contractor—Robinson & Johnston, 1942
Anza St., S. F. \$1000

ALTERATIONS
(4517) NO. 4826 THIRD. Remodel
show windows.
Owner—R. Bianchi, Premises.
Architect—None.
Contractor—M. Rebizzo, 400 Columbus
Ave., San Francisco. \$1050

APARTMENTS
(4518) E. SIXTH AVE 125 S. Cabrillo.
Two-story and basement frame (4)
apartments.
Owner—M. McDonough, 148 Randall
St., San Francisco.
Architect—None. \$8000

ALTERATIONS

(4520) 126 HARTFORD ST. Remodel residence for 2-3 flats.
Owner—Mrs. C. H. Adams, premises.
Architect—Philip Schwartz, 2929 Jackson St., S. F. \$2500

DWELLING

(4521) E. TWENTY-SEVENTH AVE. 125 S. Judah. 1-story and basement frame dwelling.
Owner—Thos. J. Cannon, 1135 Page St., San Francisco.
Architect—None.
Contractor—Jas. E. Burke, 1191 Guerrero St., S. F. \$7500

DWELLINGS

(4521) E. TWENTY-THIRD AVE. 100 and 128 N. Sanitago. Two-story and basement frame dwelling.
Owner—R. H. O. Hunt, 2041 Mission St., San Francisco.
Architect—None.
Contractor—Johnson & Eldridge, 1565 Jackson St., S. F. \$1900 each

STORE

(4522) N. GEARY 32-6 E. 2400 AVE. 1-story frame store.
Owner—Thos. J. Dehay, 1797 O'Connell St., S. F.
Architect—R. S. Miller, 1115 S. Van Ness St., S. F. \$1500

APARTMENTS

(4523) S. CHRISTY 199 E. VAN NESS AVE. Three-story and basement (6) apartments.
Owner—Wm. Helbing, 1332 Lombard St., S. F.
Architect—None.
Contractor—The Helbing Co., 1332 Lombard St., S. F. \$15,000

FACTORY

(4524) 30 S. HOWARD. Two-story and basement concrete class C factory.
Owner—D. W. & M. S. Woodruff, 340 Howard St., S. F.
Architect—Plans by owner.
Contractor—Moller and De Luca, 185 Stevenson St., S. F. \$19,500

APT. BUILDINGS (2)

(4524) S. CHRISTY 50 W. Gough W. 75 x S. 100. Three 2-story and basement apartment buildings (4 apts. each).
Owner—Edw. A. Eames, 333 Sacramento St., S. F.
Architect—Plans by contractor.
Contractor—Cox Bros., Inc., 1309 9th Ave., S. F.

Filed Oct. 28, 1924. Dated Oct. 29, 1924.
Roofs on \$937.50
Brown coats on \$937.50
Jobs completed and accepted \$937.50
Usual 35 days \$937.50
TOTAL COST, \$3750.00
Bond, guarantee bond in favor of contractor, Sureties, A. H. Armstrong, Forfeit, none. Limit, none. Plans and specifications filed.

ELEVATOR

(4526) S. SUTTER 70-6 W. MASON W. 67 S. 127-6 E. 20 N. 40 E. 47 N. 87-6. Elevator for addition to a 3-story and basement building.
Owner—Jos. & Pasquale Compagno, 323 Clay St., S. F.
Architect—Samuel L. Hyman & A. Appleton, 68 Post St., S. F.
Contractor—Spencer Elevator Co., 166 7th St., S. F.

Filed Oct. 28, 1924. Dated Oct. 27, 1924.
Guides installed \$972.50
Engine delivered at job \$972.50
Engine installed \$972.50
Usual 35 days \$972.50
TOTAL COST, \$3890
Bond, none. Sureties, none. Forfeit, none. Limit, 40 days after hatchway ready. Plans and specifications filed.

ALTERATIONS AND ADDITIONS

(4526) S. SUTTER 70-6 W. MASON W. 67 S. 127-6 E. 20 N. 40 E. 47 N. 87-6. Alterations and additions to make 3-story and basement bldg., except elevator.
Owner—Jos. & Pasquale Compagno, 323 Clay St., S. F.
Architect—Samuel L. Hyman & A. Appleton, 68 Post St., S. F.
Contractor—Jacks and Irvine, 180 Jessie St., S. F.
Filed Oct. 28, 1924. Dated Oct. 27, 1924.
Payments of actual sums paid out to be made on 5th and 20th of each month.

Balance 35 days after

TOTAL COST, 60 to exceed \$21,000, contractor to make \$2000 additional.
Bond, \$1150. Sureties, George F. Dering & Geo. T. Beck, Forfeit, \$25. Limit, 100 days. Plans and specifications filed.

RESIDENCE & GARAGE

(4527) NE ST. FRANCIS BLVD. & San Fernando Way E. 100 N. 65 W. 100 S. to log. All work except lumber on 2-story and basement frame residence and garage.
Owner—A. R. McQuinn, Jr.
Architect—W. H. C. M. Jr. & Hamilton Murdock, 425 Kearny St., S. F.
Contractor—C. Lindberg.
Filed Oct. 28, 1924. Filed Oct. 25, 1924.
Roofs on \$387.50
Brown coats on \$387.50
Jobs completed and accepted \$387.50
Usual 35 days \$387.50
TOTAL COST, \$1530
Bond, \$7675. Sureties, Chas. Monson & Gus Lindberg, Forfeit, \$10. Limit, 120 days. Plans and specifications filed.

ALTERATIONS

(4528) NE ANZA AND SIXTH AVE. N. 600 x E. 210. All work for alterations and additions to the kitchen pavilion of French Hospital.
Owner—La Societe Francaise de Bonfalsance Mutuelle, premises.
Architect—Albert J. Fabre & Ernest H. Goldbrand, 110 Sutter St., S. F.
Contractor—Mark C. Ingraham, 165 E. 11th St., S. F.

Filed Oct. 28, 1924. Dated Oct. 29, 1924.
Brown coats on \$2900
Jobs completed and accepted \$2900
Usual 35 days \$2900
TOTAL COST, \$5800
Bond, \$2545.25. Sureties, New American Casualty Co., Forfeit, \$10.00. Limit, 60 days. Plans and specifications filed.

(4529) W. SIXTEENTH AVE. 225 N. Judah.

Two-story and basement frame (2) flats.
Owner—Elias Vigen, 1805 Lincoln Way, San Francisco.
Architect—J. C. Hadick, Monadnock Bldg., S. F. \$7000

DWELLINGS

(4530) E. BANK 200 AND 225 S. J. 100. Two one-story and basement frame dwellings.
Owner—L. Nelson, 519 Genesee St., San Francisco.
Architect—None. \$2500 ea.

(4531) E. TWENTY-FIFTH AVE. 150 S. Irving. Two-story and basement frame (2) flats.
Owner—A. Lindell, 2328 25th St., San Francisco.
Plans by owner. \$8000

(4532) W. RICH 75 S. Bryant. Two-story frame shop.
Owner—A. Cohn, 535 Bryant St., San Francisco.
Architect—None.
Contractor—A. M. Hardy, 518 21th Ave., San Francisco. \$2000

DWELLING

(4533) W. BERTITA 207-6 N. Mohawk. One-story and basement frame dwelling.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. \$3500

DWELLING

(4534) E. FORTY-SECOND AVE. 225 N. Cabrillo. One-story and basement frame dwelling.
Owner—M. A. Siegel, % Contractor.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000

DWELLING

(4535) N. PALOU 157-6 E. Lane. One-story and basement frame dwlg.
Owner—Amadeo Lippi, 601 Front St., San Francisco.
Architect—None.
Contractor—Vittorio Barsotti, 1512 Quesada Ave., S. F. \$2000

FLATS

(4536) W. TWENTY-NINTH AVE. 275 S. Geary. Two-story and basement frame (2) flats.

Owner—Louis Fontanella, 41 Sheridan St., San Francisco.
Architect—None.
Contractor—Fontanella & Teza, 41 Sheridan St., S. F. \$7000

DWELLING

(4537) E. FORTY-SIXTH AVE. 125 S. Geary. 1-story and basement frame dwelling.
Owner—J. Anderson, % Contractor.
Architect—None.
Contractor—Nedra Bros., 1 Montgomery St., San Francisco. \$3000

ALTERATIONS

(4538) 335-387 HAIGHT STREET. House dwelling 6 ft. underpin. general repairs.
Owner—L. K. Nelson, 300 Buchanan St., S. F.
Architect—None.
Contractor—Barnson & Johnson, 2031 Bryant St., S. F. \$1000

APARTMENTS

(4539) S. LINCOLN WAY 82-6 W. 7TH AVE. 2-story and basement frame (4) apartments.
Owner—Kohlweis & Staton, 1027 Lincoln Way, S. F.
Architect—None. \$10,000

STORES, APTS.

(4540) S. TWENTY-SECOND 123-6 E. Mission. 3-story and basement frame stores and (6) apartments.
Owner—St. Edwards and L. Schwartz, San Francisco.
Architect—James P. McGuinness, Jr., 111 Somerset Ave., Redwood City, Cal. \$20,000

WAREHOUSE

(4541) S. STEVENSON 225 W. 6TH. 1-story class C reinforced concrete warehouse.
Owner—Eastern Outfitting Co., Market St., near 6th, S. F.
Architect—None.
Contractors—R. Glaze, California Apts., Oakland. \$50,000

FACTORY BLDGS.

(4542) 1710 SAN BRUNO AVENUE. Two 1-story steel factories.
Owner—California Shade Cloth Co., 1710 San Bruno Ave., S. F.
Architects and Contractor—Truscon Steel Co., 709 Mission St., S. F. \$2,000 and \$15,000

FLATS

(4543) S. GREEN 16 E. LYON. Two-story and basement frame (2) flats.
Owner—Brooke Mohr, % Contractor.
Architect—N. W. Sexton, Chronicle Bldg., S. F.
Contractor—N. F. Neilson, 180 Jessie St., S. F. \$9000

DWELLINGS

(4544) E. CLAREMONT 33 AND 66-6 N. Dorchester and 85 Dorchester and Claremont. Three 1-story and basement frame dwellings.
Owner—St. Geo. Holden, 308 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—Wm. L. Terry, 900 Alston Way, S. F. \$4,000

CARPENTRY, ETC.

(4545) W. GRANT AVE. BET. BUSH AND PINE. 82-453 Grant Ave. All work for carpentry, mill work, glazing, etc., for pent house structure on roof of bldg.
Owner—Shan King.
Architect—Shea & Shea, Chronicle Bldg., S. F.
Contractor—Wesley McKenzie, 2817 Pine St., S. F.
Filed Oct. 28, 1924. Dated Oct. 16, 1924.
When contract work is 50% complete 25%
When completed and accepted, 50% Usual 35 days 25%
TOTAL COST, \$1663
Bond, \$981.50. Sureties, Aetna Casualty & Surety Co., Forfeit, none. Limit, 60 days after Oct. 20, 1924. Plans and specifications filed.

GARAGE

(4546) LOT 16 BLK. 10, Ingleside Terrace. All work for garage bldg.
Owner—Rowan W. Abbott.
Architect—None.
Contractor—David Hill.

[illegible]

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Oct. 27, 1924 NE COR SW QUARTER
Block and Sub Portion West of 100
N. & 15 E. Twp. 6 S., R. 10 E.,
A. R. McCullough to C. Lindberg..

RELEASE OF LENS

SAN FRANCISCO COUNTY

Recorded	Amount
Oct. 26, 1921 E. THORNTON 100 S	
Nov. 1, 1921 N. 200 E 120 S. 100 S. 100 S.	
Dec. 1, 1921 Lumber Yard to George M	
Jan. 1, 1922 100 S. 100 S. 100 S.	
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BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

5600	Chandler	Landest	6500
5601	Schulz	Shoop	6501
5602	Wagner	Owens	6502
5603	Smith	Smith	382
5604	Turner	Landest	275
5605	Landest	Landest	26
5606	Werner	Landest	26
5607	Smith	Landest	600
5608	Kinsland	Smith	800
5609	Landest	Landest	250
5610	Landest	Landest	190
5611	Landest	Landest	190
5612	Landest	Landest	1200
5613	Whalen	Owner	700
5614	Landest	Owner	100
5615	Landest	Owner	295
5616	Locke	Owner	295
5617	Smith	Hudson	687
5618	Geary	Geary	350
5619	Stacy	Owner	350
5620	Merlinjones	Owner	390
5621	Pearce	Pearce	300
5622	Sayers	Mosk	400
5623	Capra	Valente	600
5624	Williams	Owner	900
5625	Baker	Owner	900
5626	Dean	Owner	350
5627	Trimlett	Owner	185
5628	Gaddy	Owner	285
5629	Grady	Owner	600
5630	Vanner	Butzbach	350
5631	Kloss	Owner	1600
5632	Realty	Knowles	2500
5633	Mead	Owner	800
5634	Lucas	Peters	675
5635	Chambers	Smith	230
5636	Cutler	Owner	340
5637	Smith	Owner	295
5638	Brumlage	Owner	325
5639	Heath	Norris	900
5640	Norris	Owner	100
5641	Marshall	Owner	100

DWELLING
 (56065) No. 1362 SAN RAMON, Berkeley.
 Architect—Dwelling.
 Owner—R. Cundall, 2100 Virginia St., Berkeley.
 Architect—Ahndsey & Sowers, 450 Montgomery St., San Francisco.
 Contractor—S. S. Lambert, 1735 Broadway, Berkeley. \$6500

DWELLING
 (56066) No. 1410 FRANCISCO ST., Berkeley. Dwelling.
 Owner—Fred Schlafky, 1411 Francisco St., Berkeley.
 Architect—A. C. Sharp, 1327 E-28th St., Oakland.
 Contractor—A. C. Sharp. \$5500

(5507) NO. 1639-1643 KAINS ST., Berkeley. — W. Wheeler, 2568 Humboldt Ave., Oakland.

(5508) NO. 2204-06 SAN PABLO AVE., Berkeley. Stores. — W. Wheeler, 2568 Humboldt Ave., Oakland.

Mechanics—None. \$3821

(5649) NO. 1315 TALBOT ST., Berkeley
Dwelling.
Owner—Alma Turner, 1308 Blake St.,
Berkeley.
Architect—None. \$2750

(5610) NO. 912 THE ALAMEDA, Berkeley. Dwelling.
Owner—J. Harry Smith, 855 The Alameda, Berkeley.
Architect—None. \$4200

(5611) No. 1206 DERBY ST., Berkeley.
Dwelling.
Wagon, 1446 14th St.,
Berkeley.
Note \$2000

-L. Robinson, 215 14th St.,
 Alameda \$6000

(5613) NO. 23 ALVARADO ROAD, Berkeley. Dwelling.
Owner—Geo. Kingsland, Berkeley.
Architect—Masten & Hurd, 278 Post
and Francisco.
Contractor—Mason, McGuire, Addison

ADDITION
(5614) NO. 2 THE UPLANDS, Berkeley.
kelely. Addition.
Owner—H. E. Hunt, Premises.

St., Berkeley. \$2500

DWELLING
(5615) NO. 1415 HOLLY ST., Berkeley.
Dwelling.
Owner—J. Rankin. 6082 Claremont Ave.

Are you a Brewer, 1819 San Pablo
Ave., Berkeley. \$3500

DWELLING
6310 NO. 1841 SAN JUAN AVE.,
Berkeley. Dwelling.
Quincy, Backell & Lons, 900 Spruce St.

Architect — G. Lane, 909 Spruce St.,
Berkeley. \$4900

ALTERATIONS
6660 NO. 2831 WEBSTER ST., Ber-
keley. Alterations.

land Bank Bldg., Berkeley. \$3000

DWELLINGS
(5618) NO. 2308-2312-2314 HOWE ST.
Berkeley. Three dwellings.

Dwellings
1110 & 1117 & 1121 CEDAR ST.
Berkeley. Two dwellings.

Architect—None
Contractor—O. Carper, 1124 Hampden
St., Oakland. \$6000 each

FLATS
(5620) W HANOVER AVENUE, 40 S

NOW READY FOR DELIVERY—

PRIDDELL'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.

Loose Leaves in Fabricoid Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.

Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

Owner—Wallace H. Locke, 3411 Quigley St., Oakland.
Architect—None. \$2950

DWELLING
(5622) 638 61ST ST (REAR), OAKLAND. 2-story 4-room dwelling.
Owner—F. S. Smith, 638 61st Street, Oakland.
Architect—None.
Contractor—Geo. Hudson, 2757 Foot-hill Blvd., Oakland. \$2000

DWELLING
(5623) 565 VALLE VISTA AVENUE, Oakland. 2-story 7-room dwlg.
Owner—T. F. Geary, 351 12th St., Oakland.
Architect—None.
Contractor—J. W. Baughman, 1627 5th Ave., Oakland. \$6874

DWELLING
(5624) 3021 5TH AVE., OAKLAND. 1-story 5-room dwelling.
Owner—A. A. Stony, 4288 Terrace St., Oakland.
Architect—None. \$3500

DWELLING
(5625) 5801 ROBERTS AVE., OAKLAND. 1-story 5-room dwelling.
Owner—C. M. Merlino Jones, 1432 78th Avenue, Oakland.
Architect—None. \$2900

DWELLING
(5626) 1730 68TH AVE., OAKLAND. 1-story 6-room dwelling.
Owner—J. C. Pearce, 2121 65th Ave., Oakland.
Architect—None.
Contractor—Orland Pearce, 2121 65th Ave., Oakland. \$3000

DWELLING
(5627) E LAUREL AVE 92 N ARIZONA ST., OAKLAND. 1-story 4-room dwelling.
Owner—Walter Sayers, 3717 Madrone St., Oakland.
Architect—None.
Contractor—J. H. Mogk, 4411 Pampas Ave., Oakland. \$4000

FLATS
(5628) 3532 - 3954 RUBY STREET, OAKLAND. 2-story 9-room flats.
Owner—E. Copra.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. \$6000

DWELLING
(5629) 5824 MENDOCINO AVENUE, Oakland. 1-story 6-room dwlg.
Owner—C. J. Pfrang, 450 Forest St., Oakland.
Architect—None. \$5000

DWELLINGS (2)
(5630) 708 112 SANTA RAY AVE., Oakland. Two 1-story 5-room dwlg.
Owner—W. J. Baker, 2255 Ransome Ave., Oakland.
Architect—None. \$4500 ea.

DWELLING
(5631) N FLORIDA ST 100 E LAUREL AVE., Oakland. 1-story 4-room dwelling.
Owner—C. M. Dean, 3571 Fruitvale Ave., Oakland.
Architect—None. \$3500

DWELLING & GARAGE
(5632) NW COR. E 17TH ST & 37TH AVE., Oakland. 1-story 3-room dwelling and garage.
Owner—Robert Trimlett, 1230 37th Av., Oakland.
Architect—None. \$1950

DWELLING & GARAGE
(5633) E 65TH AVE 215 S FLORA ST., Oakland. 1-story 4-room dwelling and garage.
Owner—E. F. Grady, 3626 Lyon Ave., Oakland.
Architect—None. \$2650

DWELLINGS (3)
(5634) E 23RD AVE 91 - 120 - 150 SE 29th St., Oakland. Three 1-story 4-room dwellings.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. \$2000 ea.

DWELLING
(5635) E 65TH AVE 300 N E-4TH ST., Oakland. 1-story 5-room dwlg.

Owner—H. Kloss, 1602 65th Avenue, Oakland.
Architect—None.
Contractor—G. N. Butzbach & Son, 8030 East 14th St., Oakland \$3500

DWELLINGS (2)
(5636) LOTS 19-77 MERRIEWOOD Tract, Oakland. Two 1-story 3-room dwellings.
Owner—Realty Syndicate Co., Syndicate Bldg., Oakland.
Architect—None. \$800 ea.

OFFICE BUILDING
(5637) S MOSS OPP. HOWE STREET, Oakland. 2-story 28-room office building.
Owner—Drs. Mead & Sutherland.
Architect—Wm. Knowles, 1214 Webster St., Oakland.
Contractor—Wm. Knowles, 1214 Webster St., Oakland. \$25,000

DWELLINGS
(5638) NO. 1135 & 1139 SPRUCE ST., Berkeley. Two dwellings.
Owner—L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. \$4000 ea.

DWELLINGS
(5639) NO. 1379 & 1335 CAMESTRANO Berkeley. Two dwellings.
Owner—J. Chambers, 306 Plaza Bldg., Oakland.
Architect—None.
Contractor—L. Peters, 5313 Mantle Ave., Oakland. \$3450 each

BARN
(5640) NO. 2520 EIGHTH ST., Berkeley. Barn.
Owner—The Cutter Laboratories, 6th & Grayson Sts., Berkeley.
Architect—None.
Contractor—H. Sattin, 2925 Hillgass St., Berkeley. \$2750

DWELLING
(5641) NO. 2518 ACTON ST., Berkeley.
Owner—R. Smith, 1757 82nd Ave., Oakland.
Architect—None. \$3400

DWELLING
(5642) NO. 668 NEILSON ST., Berkeley.
Owner—Mabel Bramlage, 649 Arlington St., Berkeley.
Architect—None.
Contractor—E. Bramlage, 649 Arlington St., Berkeley. \$2900

DWELLING
(5643) NO. 1017 FRESNO ST., Berkeley. Dwelling.
Owner—Heath & Wendt, 516 American Bank Bldg., Berkeley.
Architect—None. \$3250

DWELLINGS (3)
(5644) NE COR. LAUREL & MADRELINE STS., E Laurel Ave. 37, 75, 105 N. Madeline St., Oakland Three 1-sto. 5-room dwellings.
Owner—Justus Norris.
Architect—None.
Contractor—R. E. Norris, 3465 Woodruff Ave., Oakland. \$3000 each

DWELLING
(5645) E 5TH AVE 117 S CAMDEN ST., Oakland. 1-story 5-room dwlg.
Owner—Alex F. Marshall, 1450 Madison St., Oakland.
Architect—None. \$4000

DWELLING & GARAGE
(5646) 8721 MIDVALE AVE. 1-story 6-room dwelling and garage.
Owner—Frederick Gervolsted, 3114 California St., Oakland.
Architect—None. \$4180

DWELLING & GARAGE (2)
(5647) E MORCOM AVE 30 & 65 NORMANDIE ST., Oakland. Two 1-story 5-room dwellings and garages.
Owner—K. A. Johanson, 2429 13th Av., Oakland.
Architect—None. \$3150 ea.

DWELLING
(5648) 4128 HOPKINS ST., OAKLAND. 1-story 5-room dwelling.
Owner—Elizabeth Knipe, Hayward, Calif.
Architect—None.
Contractor—John Knipe, Hayward, Cal. \$3000

DWELLING
(5649) NE COR. NORMANDIE & MORCOM AVES., OAKLAND. 1-story 5-room dwelling.
Owner—K. A. Johanson, 2429 13th Av., Oakland.
Architect—None. \$3000

DWELLING & GARAGE
(5650) 9501 WALNUT ST., OAKLAND. 1-story 6-room dwelling and gar.
Owner—August Nelson, 9137 Walnut St., Oakland.
Architect—None.
Contractor—Joe St. Mary, 9415 East 14th St., Oakland. \$4050

DWELLING
(5651) E 74TH AVE 275 N HILLSIDE ST., Oakland. 1-story 5-room dwlg.
Owner—Chas. Ketzloff, 310 19th Street, Oakland.
Architect—None.
Contractor—Allen Bros., 1615 83rd Av., Oakland. \$3000

DWELLING
(5652) E 67TH AVE. 200 S BECK ST., Oakland. 1-story 5-room dwlg.
Owner—Chas. A. Allen, 1615 83rd Av., Oakland.
Architect—None.
Contractor—Allen Bros., 1615 83rd Av., Oakland. \$3000

BUILDING
(5653) N 14TH ST, 100 E HARRISON ST., Oakland. 2-story tile stores and loft building.
Owner—H. C. Holmes, 392 17th Street, Oakland.
Architect—None.
Contractor—M. P. Brash, 392 17th St., Oakland. \$36,000

GARAGE
(5654) LOTS 1 TO 6 INC. BLK. 10 Map of San Antonio, being Cor. 19th Ave. and E-12th St., Oakland. General construction on reinforced concrete commercial building. (garage).
Owner—J. H. Frese, 420 25th Street, Oakland.
Architect—C. A. Bretting, 306 12th St., Oakland.
Contractor—R. W. Littlefield, 357 12th St., Oakland.
Filed Oct. 24, 1924. Dated Sept. 2, 1924.
Completion of 2nd floor 25%
Completion of roof trusses 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$59,700

Bond, none. Sureties, none. Forfeit, none. Limit, 90 working days from date. Plans and specifications filed.

HEATING SYSTEM
(5655) EMERYVILLE, Cal. Heating system.
Owner—Western Electric Co., Emeryville, Cal.
Contractor—J. E. O'Mara Co., Clara St., San Francisco.
Payments not given.

TOTAL LCOST, \$—
Filed Oct. 24, 1924. Dated —.
Plans and specifications only.

DWELLINGS
(5656) NO. 893 AND 897 PERALTA, Berkeley. Two dwellings.
Owner—Berkeley Bldg. Co., 2029 Shattuck Ave., Berkeley.
Architect—None. \$4000 each

DWELLING
(5657) NO. 1242 ADDISON ST., Berkeley. Dwelling.
Owner—Schwind, 1085-A Bonita Ave., Berkeley.
Architect—None. \$2300

DWELLING
(5658) NO. 534 SANTA ROSA ST., Berkeley. Dwelling.
Owner—R. A. Holt, 2312 Claremont Ave., Berkeley.
Architect—Thos. Fee, 1040 Sutter St., San Francisco.
Contractor—Thos. Fee, 1040 Sutter St., San Francisco. \$7500

DWELLING
(5659) NO. 946 OXFORD ST., Berkeley. Dwelling.
Owner—Mrs. Jacobs, 1534 Henry St., Berkeley.
Architect—None.
Contractor—E. R. Bixby, 2447½ Webster St., Berkeley. \$7500

GARAGE
(56641) NO. 725 HILLDALE AVE., Berkeley.
Owner—Mrs. Gordon, 2251 Piedmont Ave., Berkeley.
Architect—None.
Contractor—J. Wood, 1791 Milvia St., Berkeley. \$1000

DWELLING
(56612) NO. 706 HILLDALE ST., Berkeley.
Owner—R. Nacker, 476 Grand Ave., San Leandro.
Architect—None. \$6500

DWELLING
(56682) W. SEVENTY-FOURTH AVE., 142 S. Hilldale St., Oakland 1-story 5-room dwelling and garage.
Owner—H. Ravilings, 618 East 14th St., Oakland.
Architect—None. \$2150

DWELLING
(56667) W. SEVENTY-EIGHTH AVE., 70 S. Holly St., Oakland 1-story 4-room dwelling.
Owner—W. W. Heitman, 1754 68th Ave., Oakland.
Architect—None. \$1850

DWELLING
(56644) E. CHAROLYN TERRACE 239 S. Chadwick St., Oakland 1-story 6-room dwelling.
Owner—J. Habart, 1336 Essex St., Oakland.
Architect—None.
Contractor—Fleming & Stanley, 487 Turk St., S. E. \$2500

DWELLINGS
(56655) 5415 5421 Roberts Ave., Oakland 2 1-story 5-room dwellings & garages.
Owner—Rugg & Lishon, 6047 Harwood Ave., Oakland.
Architect—None. \$2925 each

DWELLINGS
(56664) S. HIRSDALL AVE. 75 130 165 E. Yuba Ave., Oakland 3 1-story 5-room dwellings.
Owner—Jos. R. Kaelin, 1933 5th Ave., Oakland.
Architect—None.
Contractor—Wm. Wolfe, 128 13th St., Oakland. \$3000 each

DWELLING
(56667) N. HILLSIDE ST. 120 E. R. teche St., Oakland 1-story 5-room dwlg.
Owner—R. C. Remsen, 1717 47th Ave., Oakland.
Architect—None.
Contractor—Fairfax Realty Co., 7237 East 14th St., Oakland. \$3000

DWELLING
(56688) 4121 REDDING STREET, Oakland 1-story 5-room dwelling.
Owner—D. P. Christensen, 4121 Redding St., Oakland.
Architect—None.
Contractor—A. C. Christensen, 4121 Redding St., Oakland. \$3000

DWELLING
(56669) S. HIRSDALL AVE. 120 W. Monticello Ave., Oakland 1-story 5-rm. dwelling and garage.
Owner—Keworthby and Inglis, 5533 Morse Drive, Oakland.
Architect—None. \$2150

DWELLING
(56670) S. MADELINE ST. 240 E. Laurel Ave., Oakland 1-story 5-room dwlg.
Owner—A. H. Tucker, 911 Linden St., Oakland.
Architect—None.
Contractor—L. W. Hollingworth, 3264 Madeline St., Oakland. \$3000

DWELLING
(56671) S. SIXTY-SECOND ST. 196 E. Baker St., Oakland 1-story 4-room dwelling.
Owner—Mattio Olivero, 62nd Street, Oakland.
Architect—None.
Contractor—Alfred Petersen, 3918 Linwood Ave., Oakland. \$3500

GARAGE
(56672) S. FOOTHILL BLVD. 150 W. Fruitvale Ave., Oakland 1-story brick garage.
Owner—J. E. Petersen, 2053 38th Ave., Oakland.
Architect—None. \$8000

APARTMENTS
(56641) SIXTY-FIRST ST., Oakland 2-story 16-room apartment building.
Owner—Martin Flanagan, 81 43d St., Oakland.
Architect—None.
Contractor—Chas. W. Ross, 3903 Market St., Oakland. \$14,000

STORES
(56674) 732 GRAND AVE., Oakland 1-story brick store.
Owner—Third Street Co., 732 Grand Ave., Oakland.
Architect—None.
Contractor—Chas. W. Woodland Co., 4561 Franklin St., Oakland. \$10,000

BUNGALOW
(56677) LOT 1 AND SE 1/4 OF LOT 2 Blk. C Map of Latham Terrace, Oakland. All work for 1-story duplex bungalow.
Owner—E. E. Bacon, 111 15th St., Oakland.
Architect—Wm. Beasley.
Contractor—L. M. Sims, 1812 Virginia St., Berkeley.
Filed Oct. 25, 1924. Dated Oct. 14, 1924.
Bids. enclosed ... \$1462.75
When plastered ... 1162.75
Completed and accepted ... 1162.75
Usual 35 days ... 1162.75
TOTAL COST, \$5093
Bond, Sureties, none; Forfeit, \$1 day; Limit, 7 days after wood trim is installed; Plans and specifications filed.

RESIDENCE
(56676) 2621 HILGARD AVE., Berkeley. All work for residence and garage.
Owner—Clara P. Powell, 2621 Hilgard Ave., Berkeley.
Architect—None.
Contractor—Leon P. Hayward and F. E. Sherwood, 937 Evelyn St., Oakland.
Filed Oct. 25, 1924. Dated Oct. 25, 1924.
Contractor work completed ... \$3500
Completed and accepted ... 2117.50
Usual 35 days ... 2117.50
TOTAL COST, \$5093
Bond, \$2543; Sureties, American Surety Co.; Forfeit, \$5 per day; Limit, 60 days; Plans and specifications, none.

PAINTING
(56677) E 50 OF LOT 1 & W 50 OF LOT 8 Blk G Map Fountain Place, Oakland Painting.
Owner—Withheld.
Architect—McCall & Davis, Alameda Title & Ins. Bldg., Oakland.
Contractor—Chas. W. Heyer Jr., 17th and Broadway, Oakland.
Sub-Contractor—C. J. Doehring, 2232 Peralta St., Oakland.
Filed Oct. 25, 1924. Dated Aug. 15, 1924.
15th each month ... 75%
Usual 35 days ... 25%
TOTAL COST, \$7537
Bond, Sureties, none; Forfeit, \$100 day; Limit, 7 days after wood trim is installed; Plans and specifications, none.

DWELLING
(56678) 2104 SANTA CLARA AVENUE Alameda. One-story 5-room dwlg.
Owner—Williford & Klamt 3237 Bayo Vista Ave., Alameda.
Architect—None.
Contractor—Howard Williford, 2237 Bayo Vista Ave., Alameda. \$3600

FOUNDATION
(56679) 2156 CENTRAL AVE., Alameda Foundation (concrete).
Owner—J. J. Mulvany, 1401 Park Street Alameda.
Architect—None.
Contractor—W. W. Broadway, 3432 Salisbury St., Oakland. \$1000

ALTERATION
(56680) 823 CENTRAL AVENUE, Alameda. Alterations.
Owner—J. Asnes Bremer, 823 Central Ave., Alameda.
Architect—None.
Contractor—Oliver Duval & Son, 216 Dalzell Bldg., Oakland. \$1500

ADDITION
(56681) 1451 EIGHTH STREET, Alameda. Addition.
Owner—J. Sousa, 1451 Eighth Street, Alameda.
Architect—None.
Contractor—G. Kellogg, 810 Taylor Ave. Alameda. \$1500

ALTERATION
(56682) 2119 SANTA CLARA AVE., Alameda. Alterations.
Owner—Leon Adet, City Hall, Alameda Avenue, N. E.
Contractor—Samuel Lee, 1891 Lafayette St., Alameda. \$2000

DWELLING
(56683) 2427 BYRON ST., Berkeley.
Owner—A. Johnson, 549 54th St., Oakland.
Architect—None. \$3000

DWELLING
(56684) 1306 SAN RAMON, Berkeley.
Owner—O. Lyon, 520 San Fernando, Berkeley.
Architect—None. \$6000

DWELLING
(56685) 2872 MONTANA ST., Oakland. 1-story 5-room dwelling.
Owner—J. E. Thomas, 3022 Peralta Ave., Oakland.
Architect—None. \$3500

DWELLING
(56686) 540 SANTA RAY AVE., Oakland. 1-story 6-room dwelling.
Owner—L. Cuneo.
Architect—None.
Contractor—Joss. Bertoldi, 5628 Vicente St., Oakland. \$4800

DWELLING
(56687) NW COR. HUMBOLDT AND Davis Sts., Oakland 1-story 5-room dwelling.
Owner—J. A. McCord, 3452 Davis St., Oakland.
Architect—None. \$3850

DWELLING
(56688) NE COR. LAUREL & Florida St., Oakland 1-story 8-room 2-family dwelling.
Owner—A. Andersen, 3212 Florida St., Oakland.
Architect—None. \$5250

ALTERATIONS
(56689) E. BROADWAY 125 S. 23TH ST., Oakland. Alterations.
Owner—S. Bland, 239 E-16th St., Oakland.
Architect—None. \$4000

ADDITION
(56690) N. HILLMONT DR., 450 E 73RD Ave., Oakland. Addition.
Owner—A. W. Trinks, R. F. D. No. 1, Box 31, Oakland.
Architect—None. \$1100

DWELLING
(56691) N. LIRR ST. 400 E. 9TH AVE., Oakland. 1-story 4-rm. dwlg.
Owner—C. H. Arnold, 9219 Holly St., Oakland.
Architect—None.
Contractor—C. H. Schwartz, Hayward, Calif. \$5500

DWELLING
(56692) 2451 SIXTY-FOURTH AVE., Oakland 1-story 3-room dwelling and garage.
Owner—A. J. Agrella, 1811 E-19th St., Oakland.
Architect—None. \$3700

DWELLINGS
(56693) N. KINGSLEY PL. 375, 400 and 450 W. Seminary, Oakland. Three 1-story 4-room dwellings.
Owner—C. A. Kingsley, 5748 Walnut Ave., Oakland.
Architect—None. \$2000 each

DWELLINGS
(56694) N. KINGSLEY PL. 400, 443 and 450 W. Seminary Ave., Oakland. Three 1-story 5-room dwellings.
Owner—C. A. Kingsley, 5748 Walnut St., Oakland.
Architect—None. \$2500 each

DWELLINGS
(56695) 7007, 7011, 7019, 7101 ORRAL St., Oakland. Four 1-story 4-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. \$2500 each

DWELLING
(56696) 7001 ORRAL ST., Oakland. 1-story 3-room dwelling and garage.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. \$2100

DWELLING
(5695) S. TYRELL ST., 100, 157, 175,
212 E. Courtland, Oakland. Four 1-
story 4-room dwellings and gar-
ages.
Owner—Chas. W. Lindquist, 1975
Brookdale Ave., Oakland.
Architect—None. \$2900 each

COTTAGE
(5698) N. SIDE OF E. EIGHTEENTH
90 W. of 36th Ave., Oakland.
General construction 1-story frame
cottage.
Owner—Marie Riepe, 1751 36th Ave.,
Oakland.
Architect—None.
Contractor—E. J. Bald, 1657 36th Ave.,
Oakland.
Filed Oct. 27, 1924. Dated Oct. 7, 1924.
When frame is up \$775
1st coat plaster 775
When completed 775
Usual 30 days 775
TOTAL COST, \$3100
Bond, sureties, forfeit, none. Limit, 90
working days after Oct. 7, 1924. Plans and
specification filed.

BUNGALOW
(5699) N. 36 FT. OF LOT 28 AND S.
4 FT. of LOT 29, BLK. C, 43444th
Tract. General construction 1-
story 5-room and basement bun-
galow.
Owner—Eugene and Leola Linhold, 1732
7th, Berkeley.
Architect—None.
Contractor—Louina & Kesti, Berkeley.
Filed Oct. 27, 1924. Dated Sept. 23, 1924.
Ready for plaster \$1800
Ready for painting 1800
Hardwood floors and hard 650
30 days after completion 400
TOTAL COST, \$1450
Bond, sureties, forfeit, none. Limit,
Jan. 1, 1925. Plans and specifications
filed.

RESIDENCE
(5700) 949 MORAGA AVE., Piedmont.
Residence and garage.
Owner—N. Segal, 353 Grand Ave., Oak-
land.
Architect—None. \$3700

RESIDENCE
(5701) 14 DORMIDERA AVE., Pied-
mont. Residence and garage.
Owner—Roy E. Warner, 911 Kingston
Ave., Piedmont.
Architect—A. W. Smith, 911 Kingston
Ave., Piedmont. \$8000

RESIDENCE
(5702) 1221 GRAND AVE., Piedmont.
Residence and garage.
Owner—John J. Geary, 1015 Grand Ave
Oakland.
Architect—Mr. Thomas, 11th and Clay
Sts., Oakland. \$6000

RESIDENCE
(5703) 276 WILDWOOD AVE., Pied-
mont. Residence and garage.
Owner—L. L. Wilson, 217 E 16th Street,
Oakland.
Architect—None. \$5200

RESIDENCE
(5704) 50 GUILFORD PLACE, Pied-
mont. Residence and garage.
Owner—L. G. Campbell, 1404 Franklin
St., Oakland.
Architect—Hutchinson & Mills, 1214
Webster St., Oakland.
Contractor—A. F. Anderson, 2800 Dela-
ware St., Berkeley. \$14,077

RESIDENCE
(5705) 124 GUILFORD ROAD, Pied-
mont. Residence and garage.
Owner—H. W. Jewett, 517 Glenview
Ave., Piedmont.
Architect—Harvey Slocombe, Oakland.
Contractor—H. Goranson, 3476 Laguna
Ave., Oakland. \$14,000

RESIDENCE
(5706) 25 WOODLAND WAY, Pied-
mont. Residence and garage.
Owner—Vernon Waldron, 533 Grand
Ave., Oakland.
Architect—Albert Farr, 68 Post Street,
San Francisco.
Contractor—Charles L. Trow, 235 E 8th
St., Oakland. \$12,000

DWELLING
(5707) 2416 NINETY-FOURTH AVE.,
Oakland. 1-story 5-room dwlg.
Owner—A. Lytle, 2495 94th Ave., Oak-
land.
Architect—None. \$3000

DWELLING
(5708) 3331 3333 HOPKINS ST., Oak-
land. 1-story 9-room 2-family
dwelling.
Owner—Adolphus A. Baker, 3203 West
St., Oakland.
Architect—None.
Contractor—Owens & Kelly, 241 Moss
Ave., Oakland. \$6100

ALTERATIONS
(5709) SW COR. EIGHTH AVE. and
E-12th St., Oakland. Alterations.
Owner—E. C. Ellhoff, 1205 Clay St.,
Oakland.
Architect—None.
Contractor—F. T. Kennedy, 424 9th St.,
Oakland. \$1500

DWELLING
(5710) N. SUNNYHILL RD., 200 W
Hillcroft Circle, Oakland. 1½-story
6-room dwelling.
Owner—Lloyd J. Moore, 487 Rich St.,
Oakland.
Architect—None. \$5500

DWELLING
(5711) 2621 LINCOLN AVE., Oakland.
1-story 5-room dwelling and gar-
age.
Owner—C. J. Pursey, 3621 Lincoln Ave.
Oakland.
Architect—None. \$2900

DWELLING
(5712) NW COR. THIRTY-EIGHTH
and Market Sts., Oakland. 1-story
2-room dwelling.
Owner—Paulin Cundl, 3246 Linden St.,
Oakland.
Architect—None. \$1500

DWELLING
(5713) 655 FIFTY-FIFTH ST., Oak-
land. 1-story 5-room dwelling and
garage.
Owner—J. M. Bandy, 18 54th St., Oak-
land.
Architect—None. \$4500
ADDITION
(5714) 2130 THIRTY-FIFTH AVE.,
Oakland. Addition.
Owner—Edmund Lewis, 2130 35th Ave.,
Oakland.
Architect—None.
Contractor—A. B. McLean, 594 16th
St., Oakland. \$1500

APARTMENTS
(5715) S. BIE ST. 250 E MANDANA
Blvd., Oakland. 2-story 16-room
apartments.
Owner—H. P. Fisher, Syndicate Bldg.,
Oakland.
Architect—Schirmer-Eugbee Co., Thay-
er Bldg., Oakland. \$15,000

FLATS, STORES
(5716) W GROVE ST 90 N 53RD ST.,
Oakland. 2-story 6-room flats and
stores.
Owner—C. E. Keller, 404 26th St., Oak-
land.
Architect—D. M. Crooks, 406 Stuart
Bldg., Oakland.
Contractor—R. Keller, 3427 Andover
Ave., Oakland. \$3000

DWELLING
(5717) LOT 20, BLK. E, Regents Park
Map No. 3, Berkeley. General con-
struction 1-room dwelling
owner—A. Makover, 2484 Mission St.,
San Francisco.
Architect—None.
Contractor—S. M. Shapiro, 1822 9th St.,
Berkeley.
Filed Oct. 27, 1924. Dated Aug. 15, 1924.
When frame is up \$800
When brown coated 800
When completed 800
Usual 30 days 800
TOTAL COST, \$3200
Bond, sureties, none. Forfeit, \$10.00
per day. Limit, 90 working days after
Sept. 1, 1924. Plans and specifications
not filed.

DWELLING
(5718) NO. 1342 ADDISON ST., Ber-
keley. Dwelling.
Owner—Fred Andrejeggan, 1202 Cali-
fornia St., Berkeley.
Architect—None. \$2400

DWELLING
(5719) No 2361 CEDAR ST., Berkeley.
Dwelling.
Owner—E. Lynip, 2341 Channing Way,
Berkeley.
Architect—None.
Contractor—H. Gastman, Euclid Ave.,
Berkeley. \$8500

DWELLING
(5720) NO. 1743 SAN LORENZO ST.,
Berkeley. Dwelling.
Owner—M. Jordan, 5844 Broadway,
Oakland.
Architect—None. \$5000

SERVICE STATION
(5721) SE COR REDDING & HIGH
Sts., Oakland. One-story brick
service station.
Owner—Louis E. Van Ness, 4920 Park
Blvd., Oakland.
Architect—None. \$2500

DWELLING & GARAGE
(5722) 1400TH AVE. 200 S BAN-
croft Ave., Oakland. One-story
dwelling and garage.
Owner—W. E. King, 812 Cornell Ave.,
Albany.
Architect—None.
Contractor—O. D. Carper, 1124 Hampel
St., Oakland. \$4050

DWELLING & GARAGE
(5723) 3039 FERALTA AVE., OAK-
land. One-story 5-room dwelling
and garage.
Owner—E. M. Hughes, I. O. O. F. Club
rooms, Oakland.
Architect—None. \$3000

DWELLING
(5724) 2629 ABBEY ST., OAKLAND.
One-story 4-room dwelling
Owner—H. L. Barstow, 2621 Abbey St.,
Oakland.
Architect—None. \$2750

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California.
The Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

SERVICE STATION

On S.W. COR. FRUITVALE AVE.
and S. Oakland St. Oakland
4000 sq. ft. building, 2000 sq. ft. lot
Owner, Chester E. Powell, 1627 Linden St., Oakland.
Architect, Marshall & Burks, 1725 Broadway, Oakland.
Contract let to M. Connerly Co., 11th and Oak Sts., Oakland. \$2500

DWELLING

On E. 1/2 of 1/4 HADSBY ROAD, OAKLAND
Two-story 8-room dwelling
Owner, Louise H. Short, 574 Rosal Av., Oakland.
Contractor, C. W. Short, 574 Rosal Av., Oakland. \$8000

DWELLING & GARAGE

(5727) 1424 CAVANAUGH RD., OAKLAND
One-story 6-room dwelling and garage
Owner, Fred W. Peters, 181 R. driveway Ave., Oakland.
Architect, None. \$5300

APARTMENTS

(5728) N FAIRBANKS AVE 332 E Crofton Ave., Oakland. Two-story 16-room apartments.
Owner, Mar. I. Wagner, 1636 Franklin St., Oakland.
Architect, None.
Contractor, California Builders, 1636 Franklin St., Oakland. \$15,000

LOFT

SW COR. 5TH & WEBSTER STREETS, Oakland. Two-story brick loft building.
Owner, Misses M. & D. Walters, Thayer Bldg., Oakland.
Architect, Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor, H. W. Littlefield, 357 12th St., Oakland. \$43,000

NOTE: Recorded contract referred to Oct. 29, 1924; No. 5522.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Oct. 23, 1924—LOT 8 AND E 1/4 PT. of Lot 7, Blk. C. Knoll and Anna N. Hill to whom it may concern. Oct. 23, 1924
Oct. 23, 1924—LOT 4, BLK. C, Map of Oakland Highlands Tract, Oakland. Geo. H. Millward to whom it may concern. Oct. 23, 1924
Oct. 23, 1924—BEG. AT A PT. ON NW line of 14th Ave. 82 ft. SW of E-20th St. thence SW 35 ft., NW 74 ft. NE 31 ft. SE 74 ft. to pt. of beg. Elizabeth J. Blair to E. W. Blair. Oct. 23, 1924
Oct. 23, 1924—LOT 7, BLK. H, Garden Tract, Oakland. Alex Marshall to Alex Marshall. Oct. 23, '24
Oct. 22, 1924—IN BLK. G, Linda Park Addition. Tony Silva to C. H. Cousen and Geo. Klingberg. Oct. 21, 1924
Oct. 23, 1924—S. SIDE OF LINCOLN ST. 415 W. of McGee Ave., Berkeley. Paul Sampson to whom it may concern. Oct. 23, 1924
Oct. 23, 1924—LOTS 18 & 19 BLK. 15 M. Resub of a portion of Hollywood, Oakland. Cummins & White to Oakland Home Builders Co. Inc. Oct. 23, 1924
Oct. 23, 1924—EAST SIDE OF RENO WYNN ROAD 255 N. of Cleveland, Oakland. Klas P. Westerholm to whom it may concern. Oct. 23, 1924
Oct. 23, 1924—2328 WARD ST., Berkeley. Elsie Deence Caswell to whom it may concern. Oct. 7, 1924
Oct. 23, 1924—LOT 47 BLK 4 KEY Route Heights, Oakland. T. I. Belway to whom it may concern. Oct. 1, 1924
Oct. 23, 1924—3523 FRUITVALE AVE., Oakland. E. A. Wiest and H. Molesma to whom it may concern. Oct. 23, 1924
Oct. 22, 1924—SE 30 FT. OF LOT 63 and NW 5 ft. of Lot 64, Key Route Acres, Oakland. Elma and William W. Wagner to E. W. Burton. Oct. 22, 1924
Oct. 22, 1924—1224 PARKER ST., Berkeley. C. F. Gubanski to S. R. Coffee. Oct. 20, 1924
Oct. 22, 1924—W 99 FT. OF LOT 1 and the E 1/4 of Lot 2, BLK. H, Map Oakland Highlands, Oakland. Herbert C. Cameron to whom it may concern. Oct. 17, 1924

Oct. 22, 1924—LOT 28 BLK. I, Gold on Grant, Terrace and Vincent P. G. Carter to whom it may concern. Oct. 20, 1924
Oct. 22, 1924—LOT 35, BLK. E, Christiana Tract, Berkeley. D. C. Hammond to Fox Bros. Oct. 16, 1924
Oct. 22, 1924—LOT 36 and NE 1/4 of Lot 25, 1924 on Key Route Heights Tract, Oakland. S. S. Wald to whom it may concern. Oct. 22, 1924
Oct. 23, 1924—BEG. AT A PT. 354 ft. S. 96th E. and 300 ft. S. 10th W. from the intersection of line of First St. and the W. line of Grove Thence N. 8 1/2 E. 100 N. 81 SE W 160 thence S 8 1/2 W 150 thence S 81 1/2 E. 100 to pt. of beg. Oakland Pacific Gas & Electric Co. to H. C. Aversano Co. Oct. 18, 1924
Oct. 24, 1924—E. LINE OF LINCOLN Ave. 547.60 NE of Hopkins St., Oakland. B. O. Ljungstrom to B. O. Ljungstrom. Oct. 24, 1924
Oct. 24, 1924—LOT 8, BLK. G, Bella Vista Park, Oakland. Sophia Fried to N. Gaudet. Oct. 18, 1924
Oct. 24, 1924—4027, 4029 and 4031 (not given). A. C. Kleppinger to Hansen, Robertson & Zumwalt. Oct. 24, 1924
Oct. 24, 1924—28 VALERIO ST., Berkeley. Gladys Shepherd to A. Bros. Oct. 24, 1924
Oct. 24, 1924—855 BROCKHURST ST., Oakland. Orlan D. Carper to whom it may concern. Oct. 14, 1924
Oct. 24, 1924—LOT 1, BLK. I, MAP of Kenwood Park, Oakland. Americo and Virginia Baptista to C. G. Moniz. Oct. 22, 1924
Oct. 24, 1924—LOT 2, BLK. A, SAN Pablo Park, Berkeley. Laurence Larsen to whom it may concern. Oct. 25, 1924
Oct. 25, 1924—LOTS 27 28 BLK. D, Berkeley Park, Berkeley. M. R. Harrell to whom it may concern. Oct. 25, 1924
Oct. 25, 1924—N. SIDE BIRCH 120 W. of 94th Ave., Oakland. Ida Old W. Humphrey to whom it may concern. Oct. 24, 1924
Oct. 25, 1924—LOT 2 BLK 14 MAP OF Thousand Oaks. Albert Hammarberg to whom it may concern. Oct. 23, 1924
Oct. 25, 1924—LOT 91 MAP OF THE Academy Homestead, M. E. Roberts to Murch-Williams Construction Co. Oct. 25, 1924
Oct. 25, 1924—LOT 6 & 7 OF LOT 13 Solano Ave. Terrace, Berkeley. Gwendoline M. Ralston to M. J. Ralston. Oct. 25, 1924
Oct. 25, 1924—PORT. OF LOTS 29 & 30 BLK E Lakeshore Hills, Oakland. J. Dolan to whom it may concern. Oct. 29, 1924
Oct. 25, 1924—LOT 41 THE VIEW Tract, Oakland. S. Victor Davidson to whom it may concern. Oct. 24, 1924
Oct. 25, 1924—LOT 14 BLK 2 Thousand Oaks Court, Berkeley. Ida H. Davis and Wm. A. Davis to E. F. Henderson. Oct. 24, 1924
Oct. 25, 1924—2114 ONE DRED NINTH Ave., Oakland. C. Tollefsen to whom it may concern. Oct. 24, '24
Oct. 25, 1924—BEG. AT A PT. ON N. line of E. 15th St. 198 ft. 363.80 ft. W. from Fruitvale Ave. thence W 45 N 174 E 45 S 174 to pt. of beg. G. R. Carrier to L. H. Chaptan. Oct. 25, 1924
Oct. 25, 1924—SIXTY-SETH AVE. 80 N. of Arenal Ave., Oakland. S. Bros. to whom it may concern. Oct. 25, 1924
Oct. 24, 1924—646 VICENTE AVENUE, Berkeley. Hans B. Anderson to whom it may concern. Oct. 18, 1924
Oct. 24, 1924—LOT 17 BLK 21 MAP Lakeshore Highlands Addition No. 1, Oakland. Maud S. Madden to F. W. Maurice. Oct. 1, 1924
Oct. 24, 1924—BEG. AT A PT. ON E. line of Redwood Road which bears SE 338.70 dist from the NW Cor. of that certain tract of land conveyed by A. D. S. Blake to W. C. Hutchinson by deed recorded in Liber 2099 of Deeds Page 154 Alameda County Records running thence NE 255.43 ft thence SW 287.64 ft. to a pt. on N line of Mattox Road thence beg. said N line NW 150 to said line of Redwood Road thence along said line of Redwood Road NW 200 ft to pt. of beg. Eden Twp. Elliot M.

and Anna De Lard to D. M. Plesner. Oct. 23, 1924
Oct. 24, 1924—2608 MARTINEZ AVE., Berkeley. Ida M. Phillips to John D. Phillips. Oct. 23, 1924
Oct. 25, 1924—LOTS 28 AND 29 BLK. V, Map of Hamilton Tract, Oakland. John C. Campbell, Anna Campbell to C. C. Fishman. Oct. 23, 1924
Oct. 23, 1924—3321 NICOL AVE., Oakland. Clay Altman to whom it may concern. Oct. 23, 1924
Oct. 27, 1924—BEG. AT A POINT ON SW Line NE 1/4 of Section No. 15, 1/4 NW NE line of Penniman Rg. th NW 130 NE 40 SE 130 SW 40 to pt. of beg. Oakland. Myers to whom it may concern. Oct. 22, '24
Oct. 27, 1924—W 40 Lot 8 BLK. 1, State University Homestead Assn No. 5, Oakland. Alice C. and Marion Kuzniorski to A. Jaronkski. Oct. 25, 1924
Oct. 27, 1924—681 CONTRA COSTA, Berkeley. F. E. Beck to J. Harv. Smith. Oct. 27, 1924
Oct. 25, 1924—INTERSECTION, SW line Hopkins St. with SE line of Sheffield Ave. S 76° 35' 10" E the bearing of sd line of Hopkins St. being taken as S 76° 35' 10" E 735 ft. S 1/2 E tang to last sd course on arc of a circle to the right with rad of 116.04 ft. a dist of 82.56 ft. S 35° 49' 05" E 23.61 ft. to pt. of beg. S 35° 49' 05" E 363.34 ft. S 1/2 E tang to last sd course on arc of a circle to the left with rad of 202.55 ft. a dist of 4.77 ft. S 22° 20' W 158.81 ft. S 22° 20' E 35.70 ft. S 22° 20' E 55.07 ft. to pt. of Oakland. A. H. Monez to whom it may concern. Oct. 15, 1924
Oct. 28, 1924—NW COR. E-27TH ST. and Peralta Ave., Oakland. S. A. Warner to S. A. Warner. Oct. '24
Oct. 28, 1924—LOT 34, BLK. 18, Map of Blks. 17, 18 and 19, Thousand Oaks, Berkeley. Virginia L. Sparrow to C. M. Hoegsberg. Oct. 28, 1924
Oct. 28, 1924—1560 SAN LEANERO Ave., Alameda. Flora L. Gowanlock to F. W. Durgin Jr.. Oct. 27, '24
Oct. 28, 1924—PORT. LOTS 13 AND 14, BLK. B, Hopkins Terrace, Berkeley. B. F. Lynip to Jas. E. Solomon. Oct. 29, 1924
Oct. 28, 1924—AT FOOT OF POWELL St. bet. S. E. Companies main line railroad and S. E. Intermerveille. The Paraffine Companies, Inc. to Herbert Beckwith. Oct. 3, 1924
Oct. 28, 1924—BLK. 13, LOT 20, Thousand Oaks Tract, Berkeley. Robert B. Davis to A. S. Davis. Oct. 28, 1924
Oct. 28, 1924—BEG. AT A PT. ON RIO Vista 624 SE of Piedmont Ave. thence SE 32° 30' NW 93 NW 90 to pt. of beginning, Oakland. S. A. Warner to S. A. Warner. Oct. 25, 1924
Oct. 28, 1924—BEG. AT A PT. ON RIO Vista 592 SE of Piedmont Ave. thence SE 32° NE 100 NW 32 SW 90 to pt. of beg. Oakland. S. A. Warner to S. A. Warner. Oct. 25, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Oct. 21, 1924—LOT 6, BLK. 17, Dal-ey's Scenic Park, Berkeley. Thomas J. Dean, \$1,904.00; E. J. \$86.00; Earl Sargent, \$36.00; vs. Mrs. Clara Powell and San Francisco Builders, Inc. \$845.74
Oct. 23, 1924—LOTS 1 AND 2, BLK. A, Map of the Hamilton Tract, Berkeley. T. J. Andre and A. A. A. (Folger Ave. Mill & Lumber Co.) vs. J. J. Tansey, J. W. Slade or J. W. Slade and Slate & Wyman. \$845.74
Oct. 23, 1924—BEG. AT THE INTERSECTION of the NW Line of Dutton Ave. with the NE line of E-14th St. thence NW 100 NE 100 SE 100 SW 103.04 to pt. of beg. Rg. Van Winkle Wall Bed Co. vs. G. Marini, John Doe and C. M. Flewelling. \$86.00
Oct. 23, 1924—LOTS 51 AND 52, Map of Lots 50 and 51, Map College Tract, Berkeley. Tyre Bros. Glass Co. vs. Rebecca-Roth Hotel, Inc. Murch-Williams, a corp., and Murch-Williams Co., a corp.. \$2,165.

Oct. 23, 1924—PORT LOTS 1 AND 2. Map of the Orange Grove Tract, City of San Leandro, Map Van Winkle Wall Bed Co. vs. G. Marini, John Doe and C. M. Flewelling, \$110.00.

Oct. 23, 1924—1608 CEDAR ST., Berkeley. S. W. Convey and Charles Ehret vs. John J. Tansey, Sadie Tansey and J. W. Slate, \$310.95.

Oct. 22, 1924—LOT 51 AND A W 1/2 ft. of Lot 2, corrected map of Electric Heights Tract, Oakland. R. F. Davis vs. Alma Zahler and W. W. Alamski, \$115.00.

Oct. 22, 1924—W 111 1/2 ft. and 111 1/2 Derby St., Berkeley. H. B. Garmonston vs. Mrs. E. F. Hissner, E. F. Hissner and Orla Johnson, \$516.35.

Oct. 21, 1924—LOT 6, BLK 17, Map Daley's Scenic Park, Oakland. Victor Devisht vs. Clara Powell, David and San Francisco Builders, \$280.00.

Oct. 21, 1924—PARCEL (D), LOT 1, por. Lot 2, Blk. A, Map of Hamilton Tract, PARCEL (D), Map of Virginia Tract, Berkeley. J. J. Tansey, Sadie Tansey and J. W. Slate, \$372.50.

Oct. 24, 1924—LOT 1 AND PORT LOT 2, Blk. A, Map of Hamilton Tract, Berkeley. R. Wood Manufacturers Co. vs. John J. Tansey, Sadie Tansey and Joseph William Slate, \$52.86.

Oct. 24, 1924—PARCEL 1, LOT 1, and por. Lot 2, Map of A. Hamilton Tract, Berkeley, Parcel 2, Lot 12, Map of Virginia Tract, Berkeley, Lillian and Harry Schwalm (Independent Mill & Lumber Co.) vs. J. J. Tansey, J. W. Slate and W. Wyman, \$346.98.

Oct. 24, 1924—W 103-04 FT. OF LOTS 53 and 54, Map of Orange Grove Tract, Brooklyn Twp. C. Cobble-dick-Kibbe Glass Co. vs. G. Marini and C. M. Flewelling, \$641.60.

Oct. 24, 1924—156 AND 162 DUTTON AVE., San Leandro. Cobble-dick-Kibbe Glass Co. vs. G. Marini and C. M. Flewelling, \$79.00.

Oct. 24, 1924—186 AND 198 DUTTON AVE., San Leandro. Cobble-dick-Kibbe Glass Co. vs. G. Marini and C. M. Flewelling, \$89.50.

Oct. 24, 1924—LOT 33, BLK 17, Map of Blks. 17, 18 and 19, Thousand Oaks, Berkeley. H. C. W. E. and H. H. West (West Bros. Roofing Co.) vs. H. C. Graham, Leonard C. Graham and Bernard Carpenter, \$78.

Oct. 25, 1924—LOTS 53 & 54 MAP OF Orange Grove Tract, San Leandro. Manuel Nunes vs. G. Marini, C. M. Flewelling, \$38.

Oct. 25, 1924—NW COR. EIGHTEENTH ST. and DUTTON AVE., San Leandro. Frank L. Pollard Co. vs. G. Marini, C. M. Flewelling, \$280.

Oct. 25, 1924—LOT 110 AMENDED Map of Rhoda Tract, Brook Twp. Tilden Lumber Co. vs. W. M. Squires, Nellie A. Squires, R. H. McBeth, \$267.85.

Oct. 25, 1924—LOT 1 & PORT LOT 2, Blk. A Hamilton Tract, Berkeley. Atlas Rock Co. vs. J. J. Tansey, Slate & Wyman, \$83.

Oct. 25, 1924—LOT 1 & PORT LOT 2, Blk. A Hamilton Tract, Berkeley. John L. Holladay vs. John J. Tansey, Sadie Tansey, J. W. Slate, \$360.

Oct. 25, 1924—LOT 1 & PORT LOT 2, Blk. A Hamilton Tract, Berkeley. Herbert Holladay vs. John J. Tansey, Sadie Tansey, J. W. Slate, \$12.50.

Oct. 25, 1924—LOT 1 & PORT LOT 2, Blk. 11 Map of Hamilton Tract, Lot 12 Virginia Tract, Berkeley. Rhodes-Jamison & Co. vs. J. J. Tansey, J. W. Slate, W. Wyman, \$120.20.

Oct. 25, 1924—LOT 1 AND PORT LOT 2, Blk. A Map Hamilton Tract, Berkeley. Frank Costa vs. John J. Tansey, Sadie Tansey, J. W. Slate, \$27.50.

Oct. 24, 1924—W 103-04 FT. LOTS 53 and 54 Map of Orange Grove Tract, Brooklyn Twp. M. A. Lopes vs. G. Marini and C. M. Flewelling, \$308.24.

Oct. 24, 1924—LOT 1 AND PORT LOT 2, Blk. A, Map of the Hamilton Tract, Berkeley. Rhodes-Jamison & Mill Co. vs. J. J. Tansey, Slate & Wyman, J. M. Slate and W. Wyman, \$48.56.

Oct. 24, 1924—LOT 6, BLK 17, Daley's Scenic Park, Berkeley. Lee J. Immel vs. Clara Powell and San Francisco Builders, \$64.37.

Oct. 27, 1924—LOT 1 and Port Lot 2, Blk. A, Hamilton Tract, Berkeley. E. J. Nelson and C. Argosky vs. John J. and Sadie Tansey and J. W. Slate, \$71.50.

Oct. 27, 1924—COM. at a pt. on NW line of 12th Ave. dist. 30 ft. E. 12 1/2 ft. to NE 20 ft. NW 12 1/2 ft. SE 125 to pt. of beg. Oakland, J. Carney vs. Miss C. Hennrich, \$62.50.

Oct. 27, 1924—LOT 17 AND S 12 1/2 ft. of Lot 18, Blk. 3, Regents Park Tract, No. 7, Alameda Co. vs. Stege Lumber and Hardware Co. vs. E. P. Tenny, Jane Doe Tenny, John Doe, Richard Roe, Mary Green, Albany Slide & Inv. Co. and Black-White Co., \$95.65.

Oct. 27, 1924—LOT 17 AND S 12 1/2 ft. of Lot 18, Blk. 3, Regents Park Tract No. 3, County of Alameda. Albany Bldg. and Inv. Co. vs. E. P. Tenny, John Doe Tenny, John Doe, Richard Roe, Black-White Co. and Mary Green, \$195.65.

Oct. 28, 1924—E 40 FT. OF LOTS 52 and 2, Blk. 14, Daley's Scenic Park, Berkeley. E. Henderson vs. Anna R. Barry, \$702.57.

Oct. 28, 1924—LOT 6, BLK 17, Daley's Scenic Park, Berkeley. A. K. Goodmanson vs. Clara Powell and San Francisco Builders, \$97.25.

Oct. 28, 1924—LOT 76, ORANGE GROVE TRACT, San Leandro. Herbert Eaton vs. G. Marini and C. M. Flewelling, \$275.00.

Oct. 28, 1925—NE COR. DUTTON AVE. and E-14th St., being Lots 52, 53 and 54, Orange Grove Tract, San Leandro. Gilbert Fulton vs. G. Marini and C. M. Flewelling, \$395.

Oct. 28, 1924—PORT OF LOTS 1 and 6, Blk. B, Map of Rosemont, Brooklyn Twp. P. E. O'Hair & Co. (Oakland Plumbing and Supply Co.) vs. J. H. Nelson, \$77.

Oct. 28, 1924—LOT 47, MAP OF RE-subdivision of Montgomery Tract, Oakland. J. E. Lannom and W. W. Lannom (Lannom Bros. Mfg. Co.) vs. N. Rizzo and J. W. Morrill, \$794.50.

Oct. 25, 1924—LOT 10 BLK 17 Daleys

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Oct. 23, 1924—S 25 FT. OF LOT 10 and N 12-6 of Lot 11, Blk. 16, Map of Thousand Oaks, Berkeley. Uhl Bros. Inc. to H. C. Anderson, \$52.25	
Oct. 22, 1924—LOTS 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15, Blk. 45, Berkeley Torrance Tract, Oakland. A. C. Keddy to C. W. Boden and Agnes O. Boden, \$273.45	
Oct. 22, 1924—LOT 7, BLK. F, MAP OF Perrin Tract, Oakland. Henry Cowell Lime & Cement Co. to Mrs. M. F. Coppage, A. F. Page and Nick Work, \$70.70	
Oct. 20, 1924—LOT 53, PLEASANT Valley Court, Oakland. Henry Cowell Lime & Cement Co. to J. S. Green, D. E. Hart and Joe Dorsch, \$42.95	
Oct. 24, 1924—1030 ASH MOUNT AVE. Oakland. H. L. Call Lumber Co. to J. H. Woods, Angus Chandler and J. Doyle, \$130.75	
Oct. 24, 1924—LOT 38 & PORT LOT 37 Crocker Highlands, Oak Twp. Oakland Bldg. Materials Co. to Jesse H. Woods, Georgiana Woods, \$509.90	
Oct. 24, 1924—LOT 38 & PORT LOT 37 Crocker Highlands, Oak Twp. Oakland Bldg. Materials Co. to Jesse H. Woods, Georgiana Woods, John Doyle, Fred Chandler, \$81.90	
Oct. 28, 1924—W LINE OF GROVE ST., 50 N. of Cedar St., Berkeley. Amson Hardware & Bldg. Co. to A. W. Lukes and R. J. Taber, \$100.	

BUILDING CONTRACTS

SAN MATEO COUNTY

PLUMBING ETC.
PORT LOTS 8 & 9 IN BLK 6 BURLINGAME. Plumbing and heating for hotel building.
Owner—Fred D. Lorton et al, 115 Park Burlingame.
Architect—E. L. and J. E. Norberg, 409 Occidental, Burlingame.
Contractor—Herbert I. Lauder, 1205 Burlingame, Burlingame.

Filed Oct. 18, 1924. Dated Oct. 2, 1924.
4th Each month 75%
Usual 35 days 25%
TOTAL COST, \$11,400
Bond, \$5700; Sureties, Donald O'Hair & Neil O'Hair; Forfeit, \$25; Limit, 120 working days; Plans and specifications none.

COMPLETE ENTIRE WORK ON above.
Contractor—Chas. Pederson, 60 Peninsula Ct., San Mateo.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$23,800
Bond, \$34,000; Sureties, M. A. Pass and R. H. Hughes; Forfeit, \$25; Limit, 120 working days; Plans and specifications filed.

BUNGALOW
PORT LOTS 18, 19 & 20 BLOCK 33 So. San Francisco. All work for bungalow.
Owner—Arthur J. and Mabel O. Land-burn, So. San Francisco.
Architect—None.
Contractor—R. C. Stickle, So. S. F.
Filed Oct. 21, 1924. Dated Oct. 16, 1924.
Frame up \$1425
Roof on 1425
Completed and accepted 1425
Usual 35 days 1425
TOTAL COST, \$5700
Bond, \$2850; Sureties, Fred J. Sautze and E. C. Fackler; none; Limit, 60 working days; Plans and specifications filed.

STORE
LOT 33 BLK 17 BURLINGAME GROVE Burlingame. All work for store building.
Owner—John R. Lynden, Burlingame.
Architect—None.
Contractor—C. C. Rinch.
Filed Oct. 21, 1924. Dated Oct. 17, 1924.
Concrete poured \$2235
Plastered inside 2235
Completed and accepted 2235
Usual 35 days 2235
TOTAL COST, \$3940
Bond, Forfeit, none; Limit, 70 working days; Plans and specifications filed.

MAUSOLEUM
HOLY CROSS CEMETERY. All work for mausoleum.
Owner—Estate of G. P. Spontonio.
Architect—None.
Contractor—Gortano Bocci & Sons, 29 Mission St., S. F.
Filed Oct. 21, 1924. Dated Oct. 18, 1924.
Foundation in \$1500
Roofed 2500
Completed and accepted 2000
TOTAL COST, \$3000
Bond, \$4000; Sureties, Gortano Bocci & Louis Gregori; Forfeit, none; Limit, 120 working days; Plans and specifications filed.

SIDEWALK ETC
FIFTH AVE. SAN MATEO AND R.R. All work for sidewalk, driveway etc.
Owner—E. S. Shaver, 765 Farrington, San Mateo.
Architect—None.
Contractor—Southern Pacific R.R. Co., 65 Market St., San Francisco.
Filed Oct. 20, 1924. Dated Oct. 2, 1924.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, \$2000
Bond, Forfeit, none; Limit, Oct. 17, 1924
Plans and specifications filed.

DWELLING
NW COR. COLUMBUS AVE. & POPPY Drive, Burlingame. All work for 5-room dwelling and garage.
Owner—Navarck Bros.
Architect—None.
Contractor—James Low, 76 Coleridge San Francisco.
Filed Oct. 22, 1924. Dated Oct. 21, 1924.
Frame up 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$6700
Bond, Forfeit, none; Limit, on or before Jan. 31, 1925; Plans and specifications filed.

ALTERATIONS
"ROSELAWN" Atherton Ave., Atherton. All work for alterations and additions to residence.
Owner—

owners: George H. Ross, Atherton; Architect: John R. Woodard, 251 Kearny St., San Francisco; Contractor: Woodson, Rose, Menlo Park; Filed Oct. 24, 24. Dated Oct. 1, 24. Bond, none. Liquid, 65 work days. Forfeit, plans and specifications none.

BUNGALOW
LOT 28 BLK M. Hayward Park, San Mateo. All work for bungalow and garage. Estimated cost, \$1,000. Owner: Norman Ott, 123 14th St., San Mateo; Architect: None; Contractor: G. Meister; Filed Oct. 21, 24. Dated Oct. 21, 24. On signing contract, \$1,000. Usual 35 days. \$75 per month interest 7 1/2%. TOTAL COST, \$1,075. Bond, none. Liquid, on or before Jan. 1, 25. Forfeit, none. Plans and specifications filed.

STORE & OFFICE, concrete, stucco, 1st St. bet. 3rd and 4th Ave., San Mateo; owner, Loew & Zwieler, 168 E. San Mateo; contractor, Leady & Wiseman, 207 2nd, San Mateo.

BUNGALOW, \$1,000; Lot 10, 14th St. N. D. St., San Mateo; owner, John F. Lee, 101 South D St., San Mateo.

BUNGALOW and garage, \$600; Lot 35 Blk J Palm Ave., San Mateo; owner, Robert Broderick, 413 Poplar Ave., San Mateo.

BUNGALOW and garage, \$350; Lot 15 & a ft. of 16 Blk K Bellevue, San Mateo; owner, Hugh Ridges Sr., Jersey Farm Dairy, San Mateo; contractor, O. E. Dewey, Menlo Park.

BUNGALOW and garage, \$500; Lot 28 Blk M 11th Ave., San Mateo; owner, C. Meister, 132 North F St., San Mateo.

RESIDENCE, \$900; Lot 11-15 Blk 12 Ralston Ave., Burlingame; owner, H. V. Tascher, 1617 Ralston, Burlingame; contractor, W. E. Fields, 2866 14th Ave., Oakland.

ADDITION, \$1500; 1237 Cabrillo Ave., Burlingame; owner, M. S. Richardson, 1237 Cabrillo Ave., Burlingame; contractor, S. A. Born, Glenwood San Mateo.

BUNGALOW and garage, \$3750; Lot 11 Blk 6 Morrell Ave., Burlingame; owner, C. M. Unkefer; contractor, H. Hanson.

BUNGALOW and garage, \$1000; Lot 11 Blk 29 Bloomfield, Burlingame; owner, Frank Heuer, 3169 Army St., San Francisco.

BUNGALOW and garage, \$5000; Lot 4 Blk 62 Hillside, Burlingame; owner, D. M. Cline.

BUNGALOW and garage, \$5000; Lot 5 Blk 62 Hillside, Burlingame; owner, D. M. Cline.

BUNGALOW and garage, \$5000; Lot 13 Blk 25 Baywater, Burlingame; owner, D. M. Cline.

BUNGALOW and garage, \$6000; Lot 27 Blk 37 Vancouver, Burlingame; owner, H. H. Laves; contractor, Geo. W. Williams, 1321 Capuchino, Burlingame.

STORE BUILDING, \$17,500; Lot 5 Blk J Burlingame Ave., Burlingame; owner, Geo. H. Ross; contractor, Louis J. Cohn, 110 Sutter St., San Francisco.

Oct. 22, 1924—LOT 9 BLK 44 LYON & Haug Sub, Burlingame, Frank I. Balloun to whom it may concern. Oct. 16, 1924
Oct. 22, 1924—LOT 6 BLK 81 LYON & Haug Sub, Burlingame, A. L. Andrews to M. Sorenson. Oct. 4, 1924
Oct. 22, 1924—LOT 8 BYRNES SUB San Mateo, Charles N. Kirkbride to whom it may concern. Oct. 18, '24
Oct. 22, 1924—LOT 1 BLK 36 East St. Mateo, Peter J. Deming to Morris Sorenson. Oct. 16, 1924
Oct. 22, 1924—LOTS 3 AND 1 BLK N University Park, San Mateo, Gilmore A. and Cecile E. Duncan to Geo. Thompson. Oct. 1, 1924
Oct. 24, 1924—BURLINGAME COUNTRY CLUB Properties, The Burlingame Country Club to The Coast Constr. Co. Oct. 23, 1924
Oct. 24, 1924—LOT 23 BLK 8, Burlingame Grove, Burlingame, Sterling Anderson to whom it may concern. Oct. 23, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Oct. 23, 1924—LOTS 8 AND 9 BLK 3 Burlingame Sub, Burlingame, George Farrell vs P J Williams. \$2,420.00
Oct. 24, 1924—LOTS 111 AND 115 Sub No. 2, San Mateo Park, San Mateo, James A. Gattis vs S. Steenstrup. \$17.75

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Oct. 17, 1924—LOT 33 BLOCK 3 Crocker Tract, Daly City, William J. Finn et al to Joseph H. Tillinghast. \$552.50
Oct. 21, 1924—LOT 21 BLK 60 Easton Addition No. 7, Burlingame, Angelo Perisch et al to Harry C. Brown et al. \$202.11

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
ON N-EVENTEENTH ST., SAN JOSE. All work for four-room cottage. Owner: Charles L. and Emily A. Martella, San Jose. Architect: None. Contractor: Stevenson & Snider, San Jose.
Filed Oct. 22, '24. Dated Oct. 16, '24. Roof on. \$925
Usual 35 days. 2000
TOTAL COST, \$2925
Bond, none. Liquid, 65 days from Oct. 16, 1924. Forfeit, none. Plans and specifications filed.
RESIDENCE, 5-room, \$3000; St. James and 18th Sts., San Jose; owner, J. T. McCart, 37 W-San Antonio St., San Jose.
MARQUESE, \$1200; No. 173 S-First St., San Jose; owner, Mrs. W. Waters. Imperial Hotel, San Jose; contractor, Brumfield Sign Co., 965 Polson St., San Francisco.
RESIDENCE, 9 room, \$10,000; Grant & Almaden Sts., San Jose; owner, Geo. Kelly, 732 S-First St., San Jose.
COTTAGE, 5-room, \$4800; 31st and St. John Sts., San Jose; owner, Real Estate Sub. Div. Co., Cor. 31st and St. John Sts., San Jose.
RESIDENCES (4) 5-room, \$3500 each; Fuller near Prevost St., San Jose; owner, T. H. Herschback, Twoby Hdg., San Jose.
COTTAGE, 4-room, \$2750; 800 Blk N 17th St., San Jose; owner, G. N. Wolde, 868 N-17th St., San Jose; contractor, H. Bolwin, 1341 Garland St., San Jose.
ALTERATION, \$4000; San Fernando St., near 3rd, San Jose; owner, F. A. Gummer, 276 S-2nd St., San Jose; architect, Binder & Curtis, 35 W-San Carlos St., San Jose; contractor, Jorgensen & Cook, 193 W-Fifth St., San Jose.
ALTERATIONS, \$1050; Second St. near San Carlos St., San Jose; owner, San Jose Undertaking Co., 176 S-Second; architect, Binder & Curtis,

15 W-San Carlos; contractor, Jorgensen & Cook, 193 N-Fifth St., San Jose.
COTTAGE, 4-room, \$2250; William and 22nd Sts., San Jose; owner, J. A. Thompson, 260 S 1st St., San Jose; contractor, J. A. Norden, 105 Olive St., San Jose.
DWELLING, \$6000; Lots 25 and 26 Blk 42, University Ave., Palo Alto; owner, S. Klarenmayer, S. E.; architect, E. Bonander, 326 Edwood St., Redwood City.
ALTERATIONS, \$5480; Fountain and Second Sts., San Jose; owner, L. B. Archer, 1st National Bank Bldg., San Jose; contractor, J. C. Thorp, Auzeais Bldg., San Jose.
ALTERATIONS, \$1400; No. 31 E-Santa Clara St., San Jose; lessee, F. Arneville, Premises; architect, Hermann Krause, Bk of San Jose, San Jose; contractor, Bridges & Munton, Lincoln and Pine Sts., San Jose.
COTTAGE, 4-room, \$2800; San Salvador and 11th Sts., San Jose; owner, C. C. West, Premises; contractor, L. C. Rossi, 965 Keller St., San Jose
ALTERATIONS and repairs, \$4200; First and S. P. Sts. of Way, San Jose; owner, California Trunk & Apricot Growers, San Antonio and Market Sts., San Jose.
BUSINESS building, \$10,000; W Santa Clara near Vine St., San Jose; owner, Farnsworth & Callahan, 150 W Santa Clara St., San Jose; architect, Wolfe & Higgins, Auzeais Bldg., San Jose; contractor, Benj. Quimet, 102 S-Monterey St., San Jose.
RESIDENCE, 6-room, \$3500; No. 638 S-Fifth St., San Jose; owner, Paul Mager, Premises.
RESIDENCE, 6-room, \$3000; Shortridge and 33rd Sts., San Jose; owner, Jno. W. Buck, Premises; contractor, R. C. Douglass, White Road, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Oct. 16, 1924—LOT 5 BLK K24, Freyschlag's Addition, San Jose. W C Hatch to whom it may concern. Oct. 10, 1924
Oct. 20, 1924—E-E SE COR. ST. NW 168-1 NW Jackson NE parallel Jackson 137-6x38-2 to beg, San Jose, John N Gollner to whom it may concern. Oct. 20, 1924
Oct. 21, 1924—F-T LOT 4 BLK 12 University Grounds, Jas. M. Miller to whom it may concern. Oct. 21, 1924
Oct. 21, 1924—LOT 18 Sierra Park, San Jose, A M Whiteside to whom it may concern. Oct. 16, 1924
Oct. 21, 1924—N FULTON 100 SE fm Intersection E Lincoln St. SE Lincoln 112x650, Palo Alto, W M Berniard to whom it may concern. Oct. 20, 1924
Oct. 21, 1924—LOT 18 Sierra Park, San Jose, A M Whiteside to whom it may concern. Oct. 21, 1924
Oct. 21, 1924—LOT 18, Heschich Shdyn of Sierra Park, San Jose, Caryl C and Anna Louise Maurer to whom it may concern. Oct. 21, 1924
Oct. 22, 1924—LOT 5 BLK 1, Cook Shdyn, San Jose, George McKillop to whom it may concern. Oct. 16, 1924
Oct. 22, 1924—LOT 4 BLK 1, Cook Shdyn, San Jose, George McKillop to whom it may concern. Oct. 16, 1924
Oct. 22, 1924—E CLINTONIA AVE., bet. Riverside Drive and Palm Haven, San Jose, B L Schulz to E L Wolfe. Oct. 22, 1924
Oct. 22, 1924—LOT 18 Ramona Shdyn, San Jose, William Martin to whom it may concern. Oct. 21, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Oct. 20, 1924—LOT 9 BLK 16, Beach's Addition to East San Jose, Tilden Lumber & Mill Co. vs Lottie E and Willis G. Greenlee. \$149.40

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded
Oct. 21, 1924—25 ACRES ON E side
Grand Road S of Fremont Ave,
County of Santa Clara, Wallace E.
Bland to Margaret E and E S Sargent
\$138.30

BUILDING CONTRACTS

SACRAMENTO COUNTY

RESIDENCE

LOTS 6 AND 75 Heilbron Oaks Tract,
Sacramento. All work for residence.

Owner, T. P. Pendleton, 2165 36th St.,
Sacramento.

Architect, None.
Contractor, Charles Peterson, 61
Monte St. near D. High, North Sacra-
mento.

Filed Oct. 18, 1924. Dated Oct. 16, 1924.
TOTAL COST, \$106,750.

Bond, limit, forfeit, plans and specifications, none.

FLATS, (2) 5-rm, \$7650; No. 2000 23rd
St., Sacramento; owner, E. Hermann,
1931 20th St., Sacramento; contractor,
F. E. Schenckstricker, 1010 27th St.,
Sacramento.

DWELLING, 5-room, \$3000; No. 1715
V St., Sacramento; owner, M. Pacheco,
2118 18th St., Sacramento; contractor,
S. Sacramento, 2131 15th
St., Sacramento.

APARTMENTS, (24) 2-room, \$43,500;
No. 2425 I St., Sacramento; owner, C.
B. Crisler, Oregon; contractor, Geo. D.
Hudnutt, Inc., 1915 S St., Sacramento.

DWELLING, 5-room, \$2500; No. 2719
D St., Sacramento; owner, C. S. Pape,
Clarksburg; contractor, S. A. Bolt, 2133
St., Sacramento.

DWELLING, 6-room and garage, \$4500;
No. 929 47th St., Sacramento; owner,
Haworth & Jones, 1530 T St., Sacramento.

DWELLING, 5-room and garage, \$2000;
No. 1857 51st St., Sacramento; owner,
W. E. Sturdavant, 2117 27th St., Sacramento.

DWELLING, 5-room, \$1400; No. 1300
36th St., Sacramento; owner, F. H. Bell,
656 42nd St., Sacramento.

DWELLING, 5-room and garage, \$4400;
No. 1708 38th St., Sacramento; owner,
F. H. Bell.

DWELLING, 6-room and garage, \$2500;
No. 1916 4th St., Sacramento; owner,
A. R. Smith, 3316 2nd Ave., Sacramento.

DWELLING, 5-room and garage, \$2500;
No. 3644 40th St., Sacramento; owner,
Wm. T. Martin, 3616 40th St., Sacramento.

DWELLING, 8-room and garage, \$8500;
No. 912 46th St., Sacramento; owner,
E. College & Co., 1530 P St., Sacramento; contractor, Carl
Koch, 3115 L St., Sacramento.

DWELLING, 5-room and garage, \$4600;
No. 321 26th St., Sacramento; owner,
T. C. Wright, 1912 M St., Sacramento; contractor, H. Gunther,
1931 D St., Sacramento.

DWELLING, 5-room and garage, \$3500;
No. 2022 12nd St., Sacramento; owner,
W. J. Bond, 4347 5th Ave., Sacramento; contractor, W. T.
Martin, 40th and 11th Ave., Sacto.

DWELLING, 5-room and garage, \$4900;
No. 811 42nd St., Sacramento; owner,
E. J. Crane, 321 1st St., Sacramento; contractor, Frank Maloney,
2172 T St., Sacramento.

DWELLING, 5-room and garage, \$3500;
No. 2621 Montgomery Way, Sacramento;
owner, Pearl Bros., 300 T St., Sacramento.

DWELLING, 6-room and garage, \$7400;
No. 1509 T St., Sacramento; owner,
Dr. H. H. Laak, 1612 5th St., Sacramento; contractor, W. S. Reed,
4234 Mariposa Ave., Sacramento.

DWELLING, 5-room and garage, \$2400;
No. 2041 31th St., Sacramento; owner,
Mrs. C. Boehm, 2101 31th St., Sacramento.

DWELLING, 6-room and garage, \$1800;
No. 2016 25th St., Sacramento; owner,
M. E. Clayton, 1117 10th St., Sacramento; contractor, Geo.
E. Moore, 3452 3rd Ave., Sacto.

DWELLING, 5-room and garage, \$2400;
No. 2608 2nd St., Sacramento; owner,
O. A. Lux.

DWELLING, 5-room and garage, \$3600;
No. 1965 36th St., Sacramento; owner,
H. Kimbrough, 506 I St., Sacramento;
contractor, Davies & Ruggs, 3200 S St., Sacramento.

DWELLINGS (3) 5-room and garages,
2 at \$3600 and 1 at \$3700; No. 2102-
2124 and 3116 35th St., Sacramento; owner,
H. Kimbrough, 506 I St., Sacramento; contractor, Davies &
Ruggs, 3200 S St., Sacramento.

ADD TO STORE, \$490; 3135-3139 Kiesel-
ly Way, Sacramento; owner, J. J. Jacobs,
1500 K, Sacramento; contractor, W. C. Keating, 925 Forum
Bldg., Sacramento.

DWELLING, 5-room, \$3950; 2016 6th
Ave., Sacramento; owner, S. Shannon,
3016 7th Ave., Sacramento; contractor,
J. W. Hooper, 6126 14th Ave., Sacramento.

DWELLING, 6-room, \$5500; 741 24th,
Sacramento; owner, Mrs. E. Frazer,
704 20th, Sacramento; contractor, G. E. Hook,
718 18th, Sacramento.

STORE, \$2238; 3500 Stockton Blvd.,
Sacramento; owner, Guisipini Perini,
3508 Sac. Blvd., Sacramento; contractor,
Chas. Carson, Box 129

LIENS FILED

SACRAMENTO COUNTY

Recorded
Oct. 17, 1924—LOT 175, Casa Loma
Terrace, Sacramento. Ralph Francis
(as Owner) Plumbing & Heating
Supply Co. vs Wm Chappie
and Frank Davis. \$38.27
Oct. 18, 1924—W 1/2 LOT 8, E, C, 23th
and 26th Sts., Sacramento. Tilden
Lumber & Mill Co. vs C. A. and
Florence H. Oux. \$314
Oct. 21, 1924—N 1/2 LOT 1, G, H, 9th
and 10th Sts., Sacramento. Allyn
Lumber Co. vs The Allyn L. Burr Co.
vs J. L. and Hannah Anderson. \$201.81
Oct. 23, 1924—W 4.50 ACRES OF TCT
200 C. T. Col 2. Davis & Riley,
\$279.82, W E Morris, \$279.82 vs
Mrs. E. H. Delisser.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RESIDENCE

LOT 19 AND E 1/2 LOT 18 BLK 3,
Pacific Manor, Stockton. All work
for two-story stucco frame resi-
dence.

Owner, Robert C. Root, College of
Pacific, Stockton.

Architect, None.
Contractor, John J. Cavanagh, 219 N-
Sutter St., Stockton.

Filed Oct. 22, 1924. Dated Oct. 15, 1924.
TOTAL COST, \$4,400.

Bond, none. Limit, 30 working days.
Permit, plans and specifications none.

STORE, \$2000; No. 204 East Pine St.,
Stockton; owner, A. Boccadoro, 244
N-Pilgrim St., Stockton; contractor,
J. Ramsey, 610 W-Oak St., Stockton.

DWELLINGS (3) and garages, (1) at
\$4000; (2) at 3500 each; No. 1306
College and 1611-1627 Lucerne St.,
Stockton; owner, William Penetra,
2261 Kensington Way, Stockton.

DWELLING and garage, \$5000; No. 628
E-Washington St., Stockton; owner,
M. W. McDonald, Premises; con-
tractor, Carl Nelson, 1421 E-Channel
St., Stockton.

FLATS, 2-story and 4 garages, \$8000;
No. 845 N-Ophir St., Stockton;
owner, M. C. Tabacco, 1035 N-Sierra
ave., Stockton.

DWELLING and garage, \$3500; No.
3121 N-San Joaquin St., Stockton;
owner, Clinton Landis, 1126 E-
Church St., Stockton; contractor, F.
A. Stegmoller.

REMODEL, \$1800; owner, Children's
Home of Stockton, Premises; con-
tractor, R. Powell, 945 E-Lindsay
St., Stockton.

DWELLING and garage, \$3500; No. 1212
West 2nd St., Stockton; owner, J.
P. Pilecarpo; contractor, J. M. Fel-
ters.

DWELLING and garage, \$2500; No. 1275
N-Pilgrim St., Stockton; owner, J.
C. Makin.

ALTERATIONS, \$2000; No. 328 E-Mar-
ket St., Stockton; owner, G. Deluch-
et; contractor, L. S. Paletz, 314
Exchange Bldg., Stockton.

STORE, \$1000; No. 800 East
Church St., Stockton; owner, Na-
tional Paper Products Co., Church
St., Cor. Stockton St., Stockton; ar-
chitect & contractor, Davis-Heller-
Pearce Co., 443 E-Weber St., Stockton.

DWELLING and garage, \$4500; No.
1712 W-Park Drive, Stockton; owner,
T. E. Williamson, San Juan &
W-Park Ave., Stockton.

DWELLING and garage, \$4000; No. 2386
E-Washington St., Stockton; owner,
G. Calisti.

DWELLING, \$500; No. 1259 W-Hard-
ing Way, Stockton; owner, A. W.
Nord, 1221 W-Acacia St., Stockton.

ALTERATIONS, \$4000; No. 1037 N-
Monroe St., Stockton; owner, Mar-
B. Hall, Premises; contractor, H. J.
Johnson.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded
Oct. 18, 1924—LOT 204 Heilbron Oaks
Tract, Sacramento. George E. and
Edna Mae (nxs) Moore to whom it
may concern. Oct. 20, 1924
Oct. 21, 1924—N 1/2 OF S 1/2 OF LOT 1,
T. U, 15th and 16th Sts., Sacra-
mento. Daniel Cameron to whom
it may concern. Oct. 14, 1924
Oct. 21, 1924—PTN LOT 8, A. H. Ger-
hardt Tract, Sacramento. Joseph
P. Feusi to whom it may concern. Oct. 20, 1924
Oct. 21, 1924—LOT 11 Darling Tract,
Sacramento. J. W. Newhart to
whom it may concern. Oct. 14, 1924
Oct. 21, 1924—LOT 283 BLK 25 Col-
onial Heights, Sacramento. Alice
A. Wells to whom it may concern. Oct. 21, 1924
Oct. 22, 1924—LOT 6 BLK 44, South
Sacramento. Ignacio Lewis to
whom it may concern. Oct. 20, 1924
Oct. 23, 1924—LOT 39 Parkside,
Harry G. Waterman to whom it
may concern. Oct. 21, 1924
Oct. 23, 1924—LOTS 5 & 6, E 1/2
of W 1/2 of W 1/2 of S 135 ft. of
W 1/2 of W 1/2 LOT 7, K, L, 11th and
12th Sts., Sacramento. Hotel
Senator Corp to whom it may con-
cern. Oct. 21, 1924
Oct. 24, 1924—LOT 255 Calka Sub-
division, Sacramento. J. W. Newhart
to whom it may concern. Oct. 20, 1924
Oct. 24, 1924—E 1/2 LOT 2, C. D. 30th
and 31st Sts., Sacramento. Mildred
Tade Taylor to whom it may con-
cern. Oct. 20, 1924
Oct. 16, 1924—LOT 139, Heilbron Oaks
Sacramento. G. W. McKay to whom
it may concern. Oct. 16, 1924
Oct. 18, 1924—LOT 55, Sunyside, Ad-
dition No. 1, Sacramento. Law-
rence Gilbert Sidner to whom it
may concern. Oct. 16, 1924
Oct. 18, 1924—LOT 2, South and
Park Sacramento. Wm. T. Martin
to whom it may concern. Oct. 14, 1924
Oct. 18, 1924—LOT 919, Elmhurst.
Concordia A. Bliven to whom it may
concern. Oct. 16, 1924

PIERCE-BOSQUIT
Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, RenoSACRAMENTO OFFICE
ROSS E. PIERCE, Manager
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SAN JOAQUIN COUNTY

BUILDING CONTRACTS

CONTRA COSTA COUNTY

BUILDING CONTRACTS

FRESNO COUNTY

COMPLETION NOTICES

FRESNO COUNTY

LIENS FILED

FRESNO COUNTY

SMITH-BOOTH-USHER FEATURES
PRICE CATALOGS

The company announces, from its experience, catalogs depreciate about 1 per cent per annum and calls attention to the fact that it will issue quarterly illustrated priced catalogs revised to show actual stock on hand and all openly priced. Priced catalogs now on the press include No. 1012, Dodge Power Transmission Machinery; No. 1013, Special Showing of Machine Tools, Wood Working Machinery, Construction Equipment, Pumps, Engines, Motors and Compressors; No. 1014, Construction Equipment, Industrial Equipment, Pumps, Engines, Motors and Compressors; No. 1015, Machine Tools, and Woodworking Machinery.

CONTRACTOR SUES FOR DAMAGES

Suit of the Winter Construction Co. against the Hill Street Fireproof Building Company for \$56,822.98 damages claimed by the former on account of unnecessary delays in finishing the Metropolitan theatre building, Los Angeles, is being heard by Judge Fleming in the Superior court. The construction company's contract, amounting to \$470,735, was entered into April 11, 1921, and called for completion of the work by Nov. 1, 1921. Because of various delays for which the company contends the owner is responsible, the work was not finished until Aug. 25, 1922. The amount claimed is for salaries of employees, rental of equipment and other expenses incurred during the time work was suspended.

NEW MATERIAL THAT AIDS CONCRETE USERS

A new waterproofing material and accelerator for use in concrete, known as Cal was announced recently by the Security Cement and Lime Company, Hagerstown, Maryland. This material actually has been used for several years and has aided in the construction of many projects, having been manufactured by the Cal Chemical Company, of Boston.

It is an oxychloride of calcium, and is manufactured by pulverizing the product resulting from a mixture of either quicklime or hydrated lime, calcium chloride, and water. The result is a white powder that is put up in 100-pound sacks for convenient handling.

This material is mixed with the cement and the aggregates before the water is added, and thus is easier to use and is more convenient than calcium chloride, according to the manufacturers.

As a result of tests made by the Bureau of Standards and by other investigators, the manufacturers of this patented material claim that it will make unsound cements sound, will materially increase the rate of setting of concrete, will make a dense waterproof concrete, will prevent drying out of concrete in hot dry weather, will permit rapid setting of concrete in weather that is appreciably colder than the minimum that ordinary concrete would stand, that it will not affect reinforcing steel but will retard or even preclude corrosion, and will retard in fact that it is chemically slightly basic in nature, and that reduction in ultimate strength of the concrete as a result of its use is impossible.

SACRAMENTO ENGINEER WINS IN SEWER CONTRACT SUIT

Word has been received that in an unanimous decision handed down by the second district court of appeal in Los Angeles, Peter K. Gadd of Sacramento, former general manager and member of the California State Reclamation Board, was victorious in a suit to compel the city of Los Angeles to execute a contract with him for the construction of a \$3,000,000 storm drain in the southern city.

Gadd was low bidder and the contract was awarded him in May of this year. The proceedings, however, were the first to be instituted under the new boundary line act, approved by the state legislature June 2, 1923. In order to test the constitutionality of the act and validate the present proceedings, the board of public works of Los Angeles refused to sign the contracts with Gadd and the latter petitioned the appellate court for a writ of mandamus.

FRED H. BOGGS
INSURANCE

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SAN FRANCISCO

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Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

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 Conqueror Paint and Varnish
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Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., NOVEMBER 8, 1924

Published Every Saturday
Twenty-fourth Year No. 45

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210 American Bank Building, S. F.

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Economy*

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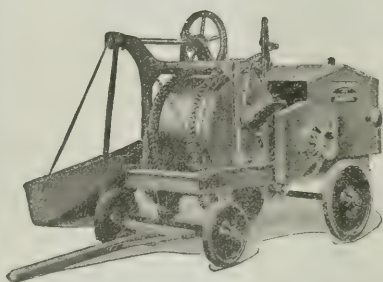
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*Appearance
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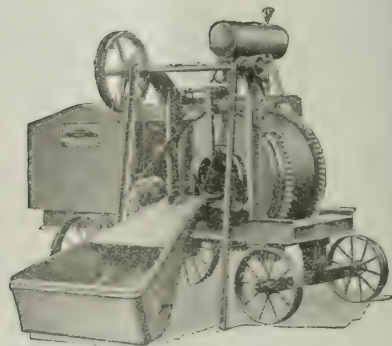
Board

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Dandie with steel trucks; power charging skip, water tank and gasoline engine.

EQUIP it to your special needs. Rubber tires to save the time waste of between-job hauls, and to expand your working territory. *Light duty hoist. Low charging platform or power charging skip. Automatic water-measuring tank.*

Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

—no—but the most remarkable value of all light mixers—and still within the range of light mixer prices.

CAPACITIES

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SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 8, 1924

Twenty-fourth Year No. 15



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S. F. BUILDING ACTIVITIES IN
OCTOBER TOTAL \$6,116,313

Construction activities in San Francisco for the month of October, 1924, totaled approximately \$6,116,313, according to figures compiled by John P. Horgan, chief inspector of buildings of the Department of Public Works. During the month 818 permits were issued. Of these 436 were for alterations, repairs and additions to standing structures, the balance of the operations being for new construction.

The total of the past month, according to value, exceeds the total for the month of September, this year, and October of 1923. In September, 918 permits were granted with an estimated valuation of \$5,671,784 and for the month of October, 1923, records show 909 permits for improvements approximating \$3,793,374.

The following is a segregated list of the operations for the month of October, 1924:

Class	No. of Permits	Cost
A	4	\$1,614,950
B	3	1,165,000
C	28	870,250
Frames	315	1,915,690
Alterations	156	407,058
Harbor Bldgs.	1	9,025
Public Bldgs.	1	134,400
Total	818	\$6,116,313

LUMBER TRADE UNHURT BY SUIT

Representatives of the Douglas Fir Exploitation and Export Company and the 107 defendants in the complaint brought by the Federal Trade Commission of unfair methods of competition in the lumber industry expressed themselves at "gratified" over the dismissing "without prejudice" by the commission of the charges.

"We are naturally very much gratified at the decision of the Federal Trade Commission, yet we do not see how they could have reached any other conclusion from the facts," said Attorney J. Barrett Carter, who was associated with Louis Titus and Joseph N. Neal in the defense.

Both sides were agreed that there was no noticeable stimulation of the lumber export industry on the Pacific Coast as a result of the decision because no clear-cut issue was decided.

The dissenting opinion of Chairman Huston Thompson of the board was widely discussed because of the emphatic stand he took in disagreeing with his colleagues on the decision.

Thompson intimated strongly in his written dissent the belief that the defendants were violating provisions of the Sherman anti-trust law.

The entire case will be brought up again by the commission, according to Chairman Thompson, should investigation reveal that the Douglas fir organization has committed breaches of the law.

Dismissing of the case "without prejudice" means according to Thompson, that the commission retains the power to reopen the case.

CONCRETE SLAB USE PRAISED

Heavily reinforced blocks with joints of interlocking steel and concrete are being used in the Western Pacific Railroad's new \$250,000 machine shop and roundhouse nearing completion in Stockton.

Three hundred slabs, cast at the same time as blocks for a big oil station at Sacramento, were moved by train and then placed in position. The roundhouse, designed for ten locomotives and consisting of ten identical units, can be extended to accommodate fifty-four.

A saving of 25 per cent by use of the concrete block method invented by John E. Conzelman, former chief engineer of the Corrugated Bar Company of Chicago, is possible as compared with the cost of building false work frames, setting up steel and pouring concrete in the usual way, according to Shirley Houghton, chief engineer of W. A. Bechtel & Sons, in charge of construction at Stockton.

"While not suited to some types of buildings," state Houghton, "in warehouses, roundhouses and structures where the unit method of construction can be employed and where there is a repetition of units, separately molded reinforced pieces, cast on the ground and lifted into position after being thoroughly set and tamped, make possible speedier construction."

In the opinion of James Hartness, former governor of Vermont, the average working day of the building craftsmen of the future will be about five hours.

PNEUMATIC PAVEMENT BREAKERS USED SUCCESSFULLY

The Maintenance Department of Division VI of the California State Highway Commission has been experimenting with a portable pneumatic hammer for breaking concrete on a major paving job in Merced county, according to S. T. Corbitt, assistant division engineer for the commission.

The pavement on which the breaker was tried was five inches thick, reinforced with $\frac{3}{8}$ " bars, exceptionally tough to break out by hand methods.

At the inception of the work, several days were spent breaking concrete by hand. Results were slow, the six laborers employed being unable to keep a one-sack mixer busy half the working day.

A 6 x 6 Ingersoll-Rand compressor and a Type CC25 Ingersoll-Rand pavement breaker were then placed upon the job. The output was doubled and only one man was required to actually break the concrete. Three and four other laborers were necessary to remove the broken concrete from the grade, but the mixer was kept busy eight hours a day. By noon each day or shortly afterward, enough concrete had been broken out to keep the mixer working the entire day.

Labor costs for the patching were reduced from 20 cents to 14 cents per square foot by the use of the pneumatic breaker.

Extensive patch work also has been done near Lost Hills, in Kern County, with the aid of a pneumatic breaker. The division's experiments indicate that the pneumatic breaker is adaptable to pavement repair work where any considerable amount of concrete is to be broke and removed.

The breaker's real value, however, lies not so much in the low cost of breaking the concrete, but in keeping the work ahead of the mixer, permitting it to operate for a full day instead of only part of the day, as is necessary when the slower hand methods are used.

Compressors used on these jobs should be mounted upon rubber tired trailers so that they may be moved rapidly from place to place. Such an outfit also may be used for rock drilling on emergency jobs.

YOSEMITE LUMBER COMPANY TO EXPEND \$5,000,000

Five million dollars will be spent on expansion by the Yosemite Lumber Company at Merced Falls, the sum being raised by bonds. This money will go for purchase of new timber acreage adjacent to the present company holdings near Hazel Green.

A number of salesmen for the Pierce Fair Company of San Francisco, bond house, which will handle the issue, are on a tour of inspection of the company properties in Mariposa county, prior to taking the securities on the road to offer to bond buyers.

The Yosemite Lumber Company during the past months has expanded its plant at Merced Falls considerably, adding new equipment and arranging the mill for rapid work on large volumes.

One of the big improvements was the incline railway up the face of the Merced River Canyon from El Portal via the incline, and is then shipped down the Yosemite Valley line to Merced Falls, where the mill is located.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

As the end of 1924 approaches, it becomes more apparent that the total volume of construction started this year will be considerably above that of 1923. During the nine months ending September 30, construction contracts awarded in thirty-six eastern states were nearly 12 per cent greater in valuation than awards made during the same period in 1923, according to the American Contractor. Business generally goes into a depression shortly before a presidential election, but that has not been the case this year in the construction industry. September, 1924, shows an increase in value over permits issued during the same month last year of approximately 19 per cent. Conditions were never more favorable for continued prosperity, especially in the great agricultural states of the Middle West. The largest wheat crop ever harvested is being sold at a high price and the farmers are getting back on their feet once more. Everywhere one goes in these states there is a note of optimism, and the builders are anticipating a big year in the construction industry in 1925.

The organization of an association of non-union bricklayers has just been completed in Houston, Texas. The declaration of principles of the organization says: "This association is organized for educational purposes; to promote and safeguard the interests of the open shop bricklayers of Houston and vicinity as well as their employers; and of the building public in general, as against restricted production and unusual and unnecessary labor costs in building construction."

The Federal Board of Vocational Education announces that it has completed its study of the bricklaying trade, and that a bulletin covering this work is now in press. The bulletin contains a discussion of the fundamental success factors which must be considered in any plan of apprenticeship training, as well as detailed suggestions as to how to organize and operate training courses for apprentices in the trade.

State Treasurer Chas. G. Johnson has sold the \$2,000,000 bond issue to finance completion of the terminal warehouse in China Basin, at the foot of Second street. A premium of \$83,000 was paid for the issue. Construction of the warehouse will be carried on under the supervision of the State Board of Harbor Commissioners of which Frank G. White is chief engineer.

Standard Building and Loan Association, capitalized at \$100,000 has been incorporated in San Francisco with the following directors: R. F. Chilcott, J. W. Coleberd, J. D. Willard, E. H. Hubbard, P. M. Brock, H. A. Bewley, A. H. Burnett, C. E. Hunt and E. L. Dearborn.

Jas. Dean, city architect, of Sacramento, has completed a preliminary draft of a proposed new building law for Sacramento. The code, as proposed, will be submitted to the city council at once for adoption. Present building activities are being carried on under a building ordinance deemed inadequate.

The building trades of Toronto have been asked to accept a ten per cent reduction in wages by the Toronto Builders' Exchange in order to stimulate interest in the construction industry.

George A. McKay, Berkeley building contractor, died in that city Oct. 17, following an extended illness. McKay was a native of Nova Scotia.

Chas. S. Warnock, retired building contractor of Napa, died in that city October 30. Death was due to heart failure.

Charles H. Lee, former head of the division of water rights, state department of public works, has been engaged by Los Angeles board of public service as consulting engineer to work with a special committee in drafting a plan for a permanent agreement between the ranchers of Owens river valley and the city of Los Angeles on water rights in the valley. Members of the special committee are: W. B. Mathews, special counsel of the board of public service; H. A. Van Norman, city engineer, and Louis C. Hill of the engineering firm of Quinton, Code & Hill.

Some idea of the importance of the construction industry may be gained from a report recently published by the National Association of Real Estate Boards, which says that the amount of money engaged in financing real estate development in the United States is greater than the total amount of money in circulation in the United States plus all the gold and silver reserve in the Treasury.

A report by the United States department of labor shows that the present full-time weekly earnings of workers in the iron and steel industries are greater than they were in 1922, despite the introduction of the eight-hour day. In 1923 full-time weekly wages in blast furnaces averaged 75 per cent above those of 1913, and the present average is 90 per cent above the 1913 average mark.

Two hundred and forty acres of timber land in Skagit county, owned by the state of Washington have been sold to the English Lumber Company, of Ballard Station, Seattle. The purchasing price was \$24,892. The timber land is located in township 23 and is in the Lake Cavanaugh district. The amount is the appraised valuation placed on the timber by the state appraisers.

C. H. Hurley, president of the C. & C. Cedar Company of Bandon, Ore., was drowned in the Coquille river near Bullards, Nov. 2, when a boom of logs broke loose and caused his tugboat to capsize. Logs carried out to sea in the break were valued at \$100,000.

At the end of 1923 the International Cement Corporation had a total annual capacity of about 5,400,000 barrels. The capacity was so far increased during the year 1924, however, that at the end of September the company's plants had a total capacity of 6,700,000 barrels.

Santa Cruz contemplates a bond issue for \$150,000 to finance construction of a sewer system.

ALONG THE LINE



Loren Hursh, for the past four years chief of the Bureau of Architecture of the San Francisco Department of Public Works, has resigned to become associated with the office of John Reid Jr., city architect. Chas. H. Sawyer, formerly connected with the Bureau of Building Inspection and more recently assistant to Hursh, has been appointed to fill the vacancy. Hursh will act as superintendent of construction for City Architect Reid. His principal work at this time will be supervising construction of the new Relief Home Building costing \$2,000,000.

Maj. R. G. McGlone has been appointed harbor engineer of Long Beach by City Manager Windham on recommendation of the harbor commission and Col. Edward N. Johnston, consulting engineer on harbor work. Maj. McGlone was associated with Col. Johnston in harbor work for 8 years. He is a graduate mechanical engineer with long experience in harbor dredging and stone protection work.

Charles K. Sumner, architect, 57 Post street, has filed suit for \$488 against Dr. Joseph Catton, 209 Post street. Sumner, according to his complaint, prepared plans and specifications for a \$20,000 home for Dr. Catton, for which he was to have received \$988. After \$500 had been paid, according to Sumner, Dr. Catton changed his mind about building.

S. Ferche, general contractor, operating extensively in Crockett, Contra Costa County, contemplates establishment of offices in Martinez. Ferche in addition to doing a general contracting business agent for the Pacific Ready Cut Home Company.

George X. Wendling, president of the Wendling Lumber & Box Shook Company and former president of the Weed Lumber Company, suffering from a nervous breakdown, committed suicide in San Francisco, October 29.

Lloyd A. Pockman, for the past three years plant manager of the Certain-teed Products Company at Richmond, has been appointed plant manager for the company at Trenton, N. J.

Foundation Company, formerly located at 424 Holbrook Bldg., has moved to larger quarters at 1002 Kohl Building, 486 California Street, San Francisco.

Long Beach, Calif. contemplates a bond election for \$1,000,000 to finance construction of a salt water system for fire protection.

Berkley voters failed to sanction \$2,500,000 bond issue to finance erection of new schools and additions to standing structures.

Efforts are being made to have the Alameda City Council appoint an industrial expert to work in connection with the office of city manager.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

MATERIAL DEALERS AT SEATTLE PERFECT ORGANIZATION

To better serve the construction industry of the community, the Building Material Dealers Association of Seattle has been formed. The promotion of clean business practices and closer cooperation with architects and contractors are the objects sought, according to officials of the newly organized association.

D. E. Fryer of the D. E. Fryer Co. has been elected president of the association.

"Our purposes," states Mr. Fryer, "are to raise the standards of business methods and practices among the dealers in building materials. The idea is to encourage straight forward business methods with the purpose in mind, to live and let live."

The association plans to co-operate with architects, contractors and others in the industry to improve the methods of building construction and to obtain better buildings for the advancement of the construction generally for the benefit of the community.

The organization by-laws provide that there shall be no price-fixing by the association or by any branch or agency of it and this is claimed to be the first time in the past 24 years that there has been any concerted attempt made to organize an association along these lines.

All reputable dealers in building materials who do not belong to special branches of the trade having separate organizations of their own are eligible to membership. The Building Material Dealers' Association plans to co-operate with other organizations which are established for similar purposes.

The present officers elected when the organization was formed are: President, David E. Fryer; vice president, David H. Williams; secretary, Sam Hunter; treasurer, Arthur Houlihan.

ROAD MEET SCHEDULED

Owners of property about Lake Tahoe and others interested in the final location and construction of the state highway in that section have been invited by the California Highway Commission to attend a conference at its offices in the State Building at San Francisco, at 1:30 P. M., Saturday, November 15th.

The desire of the commission to permanently locate and construct the road will be explained from the viewpoint of the commission's engineers, it is announced by State Highway Engineer E. M. Morton. Property owners will have ample opportunity to state their position with regards to future improvements.

The conference has been called at this time because of the recent protests filed with the state highway engineer over the cutting of trees along the present state road around the lake where improvements have been under way during the last Summer.

Engineer Morton immediately assured those interested of the desire of the state authorities to solve the problem in a manner satisfactory to all concerned and in such a way as to make possible an adequate state highway sufficient to safely care for the growing traffic of the district.

Code of Ethics Drafted for San Francisco Builders' Exchange

The following is a final draft of the proposed Building Industry Code of Ethics for San Francisco and vicinity, as finally agreed upon by committees from the San Francisco Builders' Exchange, the San Francisco Chapter of the American Institute of Architects and the Industrial Association of San Francisco.

1. The owner or architect should not call for unnecessary or full estimates on tentative projects, without advising those asked for estimates that the project is tentative.

2. The owner or architect should not call for an excessive number of bids. It is recommended that not to exceed six bids be called for.

3. When the owner has determined to build he should first decide whether he is to let a general contract, segregated contracts, or a percentage contract.

4. If the decision is to let a general contract, the owner or architect should call into competition only general contractors to whom he is willing to award the contract. He should then award the contract to the low bidder on the plans and specifications sent out for bids, having required him to file with his bid the list of subcontractors whose figures he has used. He should then insist that the general contractor let his contracts to the subcontractors whose figures he used in making up his bid, provided such subcontractors are satisfactory to the architect.

5. If it is decided to let the job by segregated contracts, the owner or architect should only call in as bidders subcontractors to whom he is willing to award the work. Then he should award the segregated contracts to the low bidder on the plans and specifications sent out for bids.

6. If it is decided to do the work upon the percentage contract plan, the owner or architect should insist that the percentage contractor, when taking bids, should only call in as bidders contractors to whom he and the architect are willing to award the work. Then the owner or architect should insist that the percentage contractor award the job to the low bidders on the plans and specifications sent out for bids.

7. In case a general contractor or percentage contractor figures or estimates the total job himself when taking it from the owner, the owner or architect should insist that if, thereafter, the general contractor or percentage contractor decides to let sub-contracts for any portion of the work that he take bids only from subcontractors to whom he and the architect are willing to award the work. Then the owner or architect should insist

that the jobs be awarded to the low bidders on the plans and specifications sent out for bids.

8. All bids should be opened in public at a set time and place, except where the architect or owner deems it impossible.

9. All owners should instruct their architects to write into all plans, specifications and contracts, a clause requiring all work to be done on the American Plan, and then the owner and architect should insist on the strict observance of this clause.

10. The architect should always act entirely in a judicial capacity in determining contract obligations, insisting upon full performance by owner and contractor; he should write into his specifications clauses providing for the observance by the contractor of all building ordinances, safety and sanitary codes; he should never require a contractor to perform any part of the service which is generally recognized as the work of the architect; he should not attempt to cover possible oversights or errors by indefinite clauses in the contract or specification; he should not engage in work in the building trades, except in his capacity as an architect.

11. The contractor should insist on enforcement of building ordinances and safety and sanitary codes; he should carry compensation insurance; he should refuse to deal directly with the owner where an architect has been employed for supervision, and should never submit to the owner directly, without the architect's approval and knowledge, any proposals or estimates; he should never increase the cost of work or produce work inferior to that contracted for; he should deal fairly and justly with the labor employed by him and make every effort to afford opportunity to apprentices to learn the building trades.

12. Labor employed in the building trades should never endeavor improperly to increase the cost of the work or to produce inferior work; labor should never endeavor to restrict the quantity or quality of the output of the individual; labor should cooperate in affording every opportunity to apprentices to learn the building trades and, when qualified, to practice their trades.

DINNER MEET PLANNED

A dinner meeting which will bring together representatives of all branches of the construction industry is being planned by the Los Angeles Construction Industries Joint Committee. The meeting will be held early in December on a date not yet fixed. Lynn S. Atkinson, chairman of the joint committee, has appointed the following committee to make arrangements for the dinner: Ralph Homann, chairman; Harold McGee, E. W. Hokom and Paul Langworthy. Mr. Atkinson will be ex-officio member of the committee.

ELECTRICISTS WANT UNIFORM WIRING ORDINANCE

The Association of Electricists International meeting recently at West Baden, Indiana went on record as favoring a uniform ordinance in all cities providing for municipal inspection of all electric wiring. Such an ordinance would, it was stated, provide for certification of all electrical installations according to the requirements of the national electrical code as set down by the American Engineering Standards Committee. A committee was appointed to confer with a similar committee of the Electrical Manufacturers' Council for the purpose of drawing up a model ordinance.

FOREST SERVICE REPORTS ON WOOD DECAY

Decay in wood is caused by fungi of various kinds. Sometimes these organisms develop upon the trees in the forest, and sometimes upon the lumber after it is cut. But when the lumber passes through either the kiln-drying or steaming processes it is usually taken for granted that these destructive fungi have been killed and that the lumber is freed from further decay. However, no definite tests to determine this point have been made, the United States Department of Agriculture through its Bureau of Plant Industry and Forest Service undertook experimental work along this line at the Forest Products Laboratory. The results are published in Department Bulletin 1262, Effect of Kiln Drying, Steaming, and Air Seasoning on Certain Fungi in Wood, recently issued.

For this study 66 logs were obtained from Wisconsin and Oregon and additional material from other sources was also used. In all, there were 26 species of fungi studied on 23 species of timber. From the results obtained it was found that the ordinary commercial kiln-drying and steaming processes were effective in sterilizing infected wood where the experimental pieces used were no larger than 4 by 4 inches. For larger pieces higher temperature or longer periods were required.

In order to protect lumber against fungi the methods of piling and storage were found to be important. Some fungi continue to develop as long as their growing conditions are favorable and then lie dormant during periods of unfavorable conditions such as absence of sufficient moisture in the lumber for growth. In some cases it was found that the dormant fungi on lumber kept in air-dry storage for as long as six and seven years would renew their destructive growth when moisture was added.

Copies of this bulletin may be obtained free of charge from the Forest Service, Washington, D. C., as long as the supply lasts.

S. F. CONTRACTORS LOSE SUIT ON STATE HIGHWAY CLAIM

The suit of Palmer & McBryde, San Francisco highway contractors, against the state to recover compensation for extra yardage on a grading contract in Del Norte country was dismissed by the court. The contractors sought a writ of mandate to compel the state highway engineer to amend his final estimate to include this extra material. The case was decided upon the ground that proceeding in mandamus were not the proper remedy. Suit to recover should have been instituted.

It was pointed out by the court, however, in making its ruling, that the engineer is the agent of the state for examining the work and estimating the amount payable, which requires the exercise of judgment. The examination having been made, the court was without power to direct the engineer to make a different finding. It was also pointed out by the court that the check given in payment for the final estimate was so worded that, by its acceptance, the contractors waived all further claims.

It was the defense of the state to the claim of the contractors for extra yardage that it was due to over-shooting. The road was being built along the side of a cliff, overlooking the ocean. Some heavy blasts caused large quantities of material to slide into the sea, and the bank broke back beyond the original slope stakes, the state contended.

ANOTHER COLUMBUS

"So your son has decided not to go into the ministry?"

"Yes, he discovered by accident that he had a talent for brick-laying."

Here, There and Everywhere

(Special Correspondence)

The second annual meeting of the Kansas Building Forum, held in Wichita, October 16, 17 and 18, attended by representatives of the Master Builders Association of Kansas, the Kansas Society of Architects and the Mid-west Structural Society was a success in every respect according to those who attended the various sessions. The purpose of the forum is to provide a means whereby delegates from the various associations may get together for a discussion of mutual problems. The Master Builders Association of Kansas took a number of important steps, among them being the adoption of a resolution to affiliate with the National Association of Building Trades Employers. The association also decided to put into operation a Quantity Survey Bureau. The most important action taken by the Kansas Society of Architects was the adoption of a resolution to go before the state legislature with a bill to make it necessary for an architect to secure a license before being allowed to practice in Kansas. The principal address was delivered by O. W. Rosenthal of Chicago, a member of the Executive Committee of the National Association of Building Trades Employers. He emphasized the necessity for builders to preach the gospel of the desirability of the real estate bond as a safe investment.

Reports of new work contemplated and awarded in the past month indicate a growing tendency in the building industry to approach a normal, stable basis. The dearth of speculative operations and the increasing volume of commercial, industrial and educational projects reflect the favorable attitude of investors and substantial companies to the fall and winter market, according to the Record and Guide publisher in New York. Commitments made in the last few weeks show definitely that shortage in various lines of construction is usually disappearing and that the supply of office, loft and residential developments is nearing a parity with the demand. Homes for the wage earner of small income or means are still reported short according to the Record and Guide.

"Very little, if any, changes were noticed in the local building situation during the past month" states the monthly bulletin issued by the Building Construction Employers Association of Chicago. "Nearly all mechanics in the industry have been pretty well employed though at this writing there appears to be a perceptible slowing up and from now on it is doubtful if it will be as easy to get a job as it was a year ago at this time. It is rumored in some of the trades where increases are expected on November 1st, they are seriously considering the advisability of foregoing any such claim and will go along with the present rates. At least one trade has indicated a desire to accept a reduction if such action would not be too unpopular with the rank and file."

The carpenters employed by the Longacre Engineering and Construction Company on the Cosmopolitan Theatre and the Hotel Walker in Washington, D. C., went on strike October 13, in an endeavor to force the contractor to allow them to set the metal window frames. It is stated that Washington labor officials advised the construction company to replace the striking carpenters by non-union men.

It is expected that a large number of contractors and labor men will meet in St. Louis on December 8 when the next meeting of the National Board for Jurisdictional Awards convenes. The most important case to come before the Board is the reinforcing rod question. This work was given to the structural iron worker in 1920, but at the last meeting of the Board held at Washington in August, a number of general contractors argued that in the interests of construction economy, the work should be given to the common laborers. A number of other important cases will also be presented to the Board, among them being the handling of derricks, foreman on concrete work, precast reinforced cement, condoo base, artificial stone and the handling of reinforcing material.

"That the industrial welfare of the country for the next few months is dependent on the continued activity of the construction industry" is the opinion of B. H. Walt, District Engineer of the Portland Cement Association. "We are now approaching the season in which custom has long decreed that the builders must lay down their tools and wait for spring before resuming them. That habit of seasonal employment in the building industry is archaic, it savors of the past and should be relegated to the junk shop with all other cumbersome and outworn methods. If building slows up this year, there is bound to be slackening in many other lines of industry, resulting in unemployment and decrease of purchasing power of employees."

Construction activities in New York will be marked this fall and winter with a concerted move on the part of building agencies and trade and labor groups for better buildings, says the Record and Guide. This movement will be augmented by additional encouragement to apprenticeship training and the continued advocacy of winter construction. The surety bond companies have pledged their support and state that they will seek it that inexperienced and unreliable contractors are eliminated as far as possible. Labor conditions are becoming much better in New York and with the possible exception of tile setters and steamfitters there is no shortage of skilled mechanics.

A suit to enjoin the members of the Journeymen Stone Cutters' Association from interfering with their business and seeking to recover damages because of injury to their business due to the alleged threatening of purchasers of their product, was filed recently by twenty-four cut stone and quarry companies of the Bloomington-Bedford district in federal district court. The suit alleged that because the companies refused to operate on a closed shop basis the union men have entered into a conspiracy and combination to prevent the pursuit of the trade by stone cutters not members of the union, and that they have threatened contractors using stone produced in non-union quarries.

The cost of construction during September as indicated by the average costs in leading construction centers, throughout the country, is approximately 100 per cent above the level of 1913, according to statistics compiled by the Associated General Contractors of America. During the last ten months but little variation from the

September level in materials, and the fact that this helped the industry has not been equaled since then than any time since the war.

Building material supply dealers in Ohio and Indiana have agreed to underwrite a part of the cost of revitalizing the National Builders' Supply Association according to Builders' Supply News. A number of other states will be asked to join in the movement to raise sufficient funds to put the association on a good substantial footing.

Delegates to the United Brotherhood of Carpenters and Joiners of America meeting in Indianapolis voted to drop any member of their organization who comes here as a foreigner and fails to become a naturalized citizen in a period of five years.

STATE WATER SURVEY IS BEING COMPLETED

Completion of the statewide survey of California's water resources is assured by March 1, according to State Engineer A. C. McClure at Sacramento. The survey has been in progress since 1921, when the State Legislature appropriated \$200,000 for the purpose. The sum being insufficient, voluntary subscriptions amounting to \$100,000 were raised by the San Francisco and Los Angeles Chamber of Commerce and turned over to the State engineer last September.

It is expected the subscribers will be reimbursed by the Legislature at its 1925 session.

Utilization of three great water interests—flood control, irrigation and power—will be made possible by the survey.

REFRIGERATORS IN 1923

The Department of Commerce announces that, according to data collected in the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of refrigerators, ice boxes, and refrigerating show cases and counters reported products valued at \$50,076,444, an increase of 51.7 per cent as compared with 1921, the last preceding census year.

Of the 132 establishments reporting for 1923, 27 were located in New York, 11 in California, 10 each in Massachusetts and Michigan, 9 in Illinois, 8 each in Missouri and Pennsylvania, 7 each in Ohio and Wisconsin, 6 in New Jersey, 4 in Indiana, 3 each in Iowa, Texas and Vermont, and the remaining 16 in Colorado, Connecticut, Georgia, Louisiana, Maine, Maryland, Minnesota, Nebraska, New Hampshire, Oregon, Tennessee, Washington and West Virginia.

Information Wanted

The following letter to the editor from Fox Bros. & Co., 126 Lafayette St., New York, is self explanatory:

"One of our customers complains about outside noises in his rooms, these noises being caused by elevated trains. We understand that there is a certain type of ceiling that can be placed in a room which deadens any outside sounds, and we would appreciate it very much, in view of the fact that you are familiar with most of the mechanics and artisans in this line, if you would be good enough to advise us where such an article can be obtained, or refer us to a source where we can get the necessary information pertaining thereto."

"We do not exactly know the construction of the ceiling, but we do know that there is such a thing to be had which, if placed in the room, deadens all outside noises."

Rents for Wage-earners' Houses Increase Slightly Over 6 Per Cent

RENTS FOR WAGE-EARNERS' HOUSES have increased slightly over 6 per cent in the period between July, 1923, and July, 1924, according to a September report of the National Industrial Conference Board of 247 Park Avenue, New York. The board finds after a comprehensive survey of the rental situation in 178 cities that compared with the rentals of ten years ago, rents are 86 per cent higher. This applies to accommodations of four and five unheated rooms with bath such as are usually occupied by wage-earners and does not relate to more expensive houses and apartments. Despite the fact that the increases in rents for the country as a whole in July, 1924, was 86 per cent higher than in 1914, the investigation by the board shows that there were 69 cities which has a greater average increase than this and five cities where rents were 150 per cent higher than in 1914. The cities in the latter group are Binghamton, N. Y.; Johnstown, Pa.; Los Angeles, Cal.; Richmond, Ind., and Scranton, Pa. Forty-four cities reported average rents as having increased 100 per cent, but less than 150 per cent since 1914.

For the four months' period, March to July, 1924, no change in rents was reported from 93 cities; there were decreases in 51 cities and increases in 33. The greatest number of increases in average rents were reported from the eastern section of the country and the greatest number of decreases from the middle-western section. In the east there were 19 cities where rents increased. The largest increase noted in this section was between 11 per cent and 20 per cent in Johnstown, Pa. Eighteen other cities reported increases of 10 per cent, amongst these were: Baltimore, Boston, Bridgeport, Buffalo, New York, Philadelphia, Pittsburgh, Providence and Yonkers.

Decreases averaging 10 per cent or less were reported from 10 cities.

In the middle west twenty-three cities reported decreases in rents and eight other large cities an increase of 10 per cent or less. From the South the reports of changes in rents indicated that there were average decreases between March and July, 1924, in eleven cities while four reported increases. In the far West, only two cities reported increases in rent. They were San Francisco and Seattle where rents increased 10 per cent or less.

The survey made by the board brings out some interesting comparisons of rent increases in relation to the size of cities.

There were eight cities of 500,000 population or over where average rents increased not more than 10 per cent; two with 10 per cent or less decrease, and two which reported no change. In cities where the population was between 250,000 and 500,000, six had an average decrease in rents of 10 per cent or less; only two had increased 10 per cent or less; and in five there was no change. In the cities with a population of 100,000 to 250,000 there was one with an increase of 11 per cent to 20 per cent; four with increases of 10 per cent or less; twelve with decreases of 10 per cent or less; and twenty-six where no change in average rents was indicated. In the cities with a population of 50,000 to 100,000, thirteen increases of 10 per cent or less were reported; two increases of 11 per cent to 20 per cent, but decreases in this group were 10 per cent or less in nineteen cities 11 per cent to 20 per cent in two cities while in thirty-two cities no change had taken place. Among the forty-two cities with a population of less than 50,000 from which reports were received by the board, more than one-half recorded no change in rents during the period from March to July, 1924.

Publicity for Architects Urged

Were a member of the architectural profession who has won the right to sign himself Fellow of the American Institute, to be approached by a lawyer with the suggestion that he construct a twenty-story building without use of steel, he very properly would refuse the commission. Without doubt he would tell his lawyer friend that masonry construction is entirely of the past and that such a suggestion argued a lack of understanding of modern construction methods and practice. Yet in his program for publicity for the architectural profession, the committee of the institute at work upon that laudable object is in much the same position as the lawyer. Its program of publicity presented to today's newspapers is quite out of the question so far as a metropolitan newspaper is concerned. It is of the masonry construction period of newspaper making. It lacks, in our opinion, the appeal to the public, and, therefore, to the editor who is appointed to make his selection of material to interest his readers.

ARCHITECT SUES FOR FEE

A petition for a writ of mandamus has been filed in the superior court at Willows by W. H. Weeks, San Francisco architect, vs. Ed. S. Ball, as treasurer of Glenn County. It is alleged by petitioner that he entered into a contract with the board of school trustees of the Plaza district "to prepare plans and supervise the construction of a new school building and for his services

Not that we have a great deal of regard for much (we might say most), of the material which finds its way into the pages of the newspapers in the name of architecture. But, we firmly believe, there are men in the profession who have the ability to prepare material that will meet the requirements of the metropolitan newspaper. The Chicago chapter, through Mr. A. Woltersdorf, is performing service of real value to the profession in his series of articles on Architecture, published in Chicago newspapers. The function of these articles is to entice a generally unthinking public to do some near-thinking along architectural lines. It is not an easy task. The "Pill" must be sufficiently coated to disguise its portent. Newspapers are ready, as has been demonstrated, to aid architects in their educational work. But the medium of imparting information must be in form, length and style such as will impress and appeal to thoughtful editors and their readers. We are in the steel period of newspaper making.—Western Architect.

was to receive 6 per cent of the total cost of the building."

It is also alleged that the claim, which amounts to \$387.20, was passed upon by the board of school trustees, a requisition drawn for the amount by School Superintendent S. M. Chaney, which was marked "allowed" by County Auditor J. W. Monroe. On presentation of the warrant, petitioner avers, County Treasurer Ball refused its payment.

PUBLICATIONS

The General Waterproofing Company, Youngstown, Ohio, is distributing a new waterproofing handbook containing working drawings, methods, specifications, photographs, and tables under the following main divisions: sub-structural waterproofing, foundations, basements, and other structures subjected to hydrostatic pressure or dampness; super-structural waterproofing, proofing walls against weathering and dampness, stainproofing cut stone, preserving and beautifying stucco, brick, and concrete walls, and filling expansion joints; cement and wood floor preservation, hardening, dustproofing, decorating, and waterproofing cement and wood floors, and accelerating the setting and preventing the freezing of newly laid cement floors; technical paints and coatings, proofing walls, floors, and containers against acids and oils, structural steel against rust, timbers against dry rot and decay. Copies of the handbook will be sent on request.

"Factory Floor Surfaces" is the second of the text books published by the Aberthaw Company, construction managers, Boston, and written by A. B. MacMillan, chief engineer of the company. The book discusses the various kinds of factory flooring and the advantages, disadvantages, and special uses of each. The important facts concerning each kind of surface have been grouped in tabular form. Specifications are also given to indicate the requirements that must be observed in order to insure satisfactory results in the case of each of the standard types of floor construction. For the text of the book Mr. MacMillan has drawn from the long experience of the Aberthaw Company; and while the book offers only the salient facts of floor construction, it does give sufficient information to enable an owner to discuss floors and floor specifications intelligently with his architect or engineer. The price of the book is \$1, but is intended for free distribution to engineers, builders, and industrial owners. Copies may be secured by addressing the Aberthaw Company, 27 School St., Boston.

Bulletin 605 published by The Hisey-Wolf Machine Company, Cincinnati, Ohio, describes the new Hisey friction head electric screw driver. This new machine is designed with a practical disc type friction clutch which is automatically adjusted, according to the pressure applied by the operator. The motor and frame unit of this Universal electric screw driver is of the same design as the Hisey all ball bearing equipped electric drills. The bulletin will be mailed to the trade on request.

STATE BUILDS DESERT ROAD

Shifting sand hills of the Imperial county desert which extend sixty miles north of the Mexican border, are being crossed at a point where they are six miles wide by an experimental section of new roadway of redwood timbers, under the direction of the state highway commission.

The experimental unit is 2000 feet in length, half of which will be eighteen feet wide and the other half ten feet in width. The new roadway consists of 6-inch by 8-inch planks, respectively 10 feet and eighteen feet in length, laid on the eight-inch side, and separated by spacers 4 inches by 6 inches by 24 inches so placed as to form a continuous track for vehicles. This eighteen-foot road is built in sections 6 feet in length to facilitate maintenance, when it becomes necessary to replace worn planks.

Fallacious Use of "Percentages" in Discussing Motor Vehicle Taxes

A favorite form of propaganda used to mislead the public with reference to the fairness of existing or proposed motor vehicle taxes is the "percentage" argument. Thus if it is proposed to increase the annual license fee on a small passenger car from \$5 to \$10 some one objects because this is "a 100 per cent increase." That same person may argue that it is perfectly all right to increase the license fee on a 5-ton truck from \$75 to \$125 as that "is only 67 per cent increase." When a man pays a license fee, however, he doesn't pay in "percentage," he pays in dollars and cents of lawful money. The two increases selected above for illustration mean just this: the man with the passenger car must pay \$5 more than he has been paying but the man with the truck must dig up an extra \$50 on his license fee. Is \$50 to the truck owner no more than \$5 to the passenger car owner? It may be doubted. In fact many a man owning a small passenger car has much more money than many truck owners. Many owners of 5-ton trucks haul for hire on contract and have pretty much of a struggle to make a living. If any man doubts it let him talk to gravel haulers and other dump truck owners. Many of these men have the hardest kind of a time, at prevailing rates of payment, in making a bare living. The public benefits from their efforts but they are poorly rewarded for serving the public.

Of course other elements enter into fixing a license fee than "ability to pay." But "ability to pay" has been the first factor in fixing taxes of all kinds for centuries and should not be

overlooked in fixing vehicle license fees. The object of this editorial, however, is not to discuss either high fees or low ones, for either passenger cars or trucks, but to expose the "percentage" fallacy in discussing motor vehicle taxation.

"Per cent" merely means "per hundred." The term is relative and not absolute. A low percentage may at times be a matter of the greatest consequence and at other times, or in other connections, a high percentage may be a matter of small consequence. A family down to its last dollar might be distressed at the loss of 20 per cent of it; a pitiful 20 cents, but enough for a bottle of milk and a loaf of bread. A wealthy man, on the street, might lose 100 per cent of the small change in his pocket and never know that he lost it. He still has his well-filled bill fold, his check book, a large bank account, letters of credit, a prosperous business, a fine home, several cars and a thousand cattle on a thousand hills. Need more be said to remind the public that talk of "percentages" is often misleading and intended to mislead?

One who studies the motor vehicle taxation question must expect to encounter many weird theories in his clashes with the Huxley called "the medley of prejudices we call public opinion." Many theories and arguments are interesting, some are diverting, some fascinating, some amusing, some are sound and helpful, but this percentage "rag," as Boccardo said in another connection, "irritates sorely." Let us talk about what is right and fair, in dollars and cents, and lay off the "percentages."—Nevada State Highway News.

Commerce Department Head Shows Builder New Source for Profit

"Tomorrow's profits must come from today's wastes," declared Ray M. Hudson, chief of the Division of Simplified Practice, U. S. Department of Commerce, to an audience of representatives of the building industry, comprising the New Jersey Building Congress, meeting in Newark recently.

"When the Hoover Committee on the Elimination of Waste in Industry made an expert survey of six of our major industries, it found that the building industry stood in fourth place, with 53 per cent waste," he continued. "Thirty-four per cent was chargeable to management, and one of the major causes is lack of simplification and standardization in buildings, methods, machinery and so on."

"Think what this means, when you consider that more than five billions of dollars are spent annually in construction in this country."

"The Department of Commerce, through the Division of Simplified Practice, is endeavoring to help the building industry in checking this waste. It is helping to bring about the reduction of unnecessary variety in sizes and dimensions and other immaterial differences in every day commodities. It is not standardization, nor is it technical but it is based on sound economic."

"Our Division has co-operated with the producers, distributors, architects, engineers, contractors in simplification projects in the field of building. Sixty per cent of the variety in finished sizes of soft lumber; 81 per cent of the variety in metal line pipe; 47 per cent of the variety in brick sizes; 47 per cent in hollow building tile; 47 per cent of the variety in roofing slate have been eliminated; and this action has been taken by all groups concerned."

This co-operation between Govern-

ment and Industry contains nothing regulatory or industrialist. Our job is to help such groups as are interested in reducing waste to get the facts and to put their action into practice.

"Many of the 18,000 or more business failures in 1922 were due to frozen capital, due to excessive stocks or inventories, resulting from carrying too many varieties of the same thing. Simplification helps release frozen capital, helps keep stocks liquid and turning faster. Reducing variety means quantity production and lower costs; and quantity buying means lower prices, enabling both manufacturer, distributor and consumer to do business on a quantity basis."

"You have the opportunity to make further savings by buying standardized materials, by applying the recommendations given in the engineer's report entitled 'Waste in Industry' and in the more recent report on 'Seasonal Operation in the Construction Industries.' To keep things on an even keel you have to do business on a quantity basis, cut out the wastes, operate your business so you can give full value for the prices you ask, and still make a fair profit. You can do this in proportion to the extent you co-operate in support of the simplified practice recommendations covering building materials, equipment and supplies."

"Simplification is an important factor in the continued success of American industry, and we hope that you will put it to work in your field, not because we suggest it, but because you see in it greater opportunities for you all, individually and collectively."

TRADE NOTES

Plant of Pacific Lock Joint & Pipe Company, G. St., at foot of 48th St. (pictured) will shortly start operating. The Company will manufacture lock joint reinforced concrete pipe of all types, specializing in sewer pipe and hydraulic pressure pipe. Culvert and irrigation pipe as well as house pipe, electric conduits and piles will also be manufactured. Officers of the company are: F. T. Crowe, president; A. T. Winsor, vice-president and general manager; F. M. Crowe, secretary, W. W. Brill, consulting engineer.

F. C. Swain, president and general manager of the Abalonite Manufacturing Company of Monterey, Calif., is completing arrangements for representation in Northern California for the sale of "Abalonite," a product produced from abalone shells for exterior stucco work. The product comes in flakes, one pound covering one square yard. "Abalonite" sells at \$100 a ton.

W. Waltz of Modesto will represent the Allyn L. Burr Roofing Company of Stockton in the Modesto territory with offices at 407 Tenth Street, Modesto. The company carries all lines of roofing materials with the exception of wood shingles.

St. Paul & Tacoma Lumber Company will expend \$500,000 at Tacoma in the construction of one of the largest private lumber wharfs on the Pacific Coast, according to announcement of Everett G. Griggs, president of the company.

National Electric Sign Co., 510 18th Street, Oakland, plans early construction of a one-story brick and steel plant at the northwest corner of Thirtieth and Myrtle streets, Oakland. The structure will cover an area of 100 by 100 feet.

California Shade Cloth Company has let contracts for two additional buildings at its plant, 1710 San Bruno Ave., San Francisco. Additional quarters were required to meet increased demands for the company's product.

Gaffigan Sheet Metal Works of San Mateo, has purchased site at Ninth Avenue and Main Street, San Mateo, and plans erection of new shop and office quarters.

Fire completely destroyed the mill and box factory of the Sundown Lumber Company of Puyallup, Wash., Oct. 30, with an estimated loss of between \$250,000 and \$300,000.

Sunset Lumber Company of Oakland has filed articles of incorporation in Fresno. The concern is capitalized at \$100,000 and was originally incorporated in 1904.

Santa Cruz Electric Company, operating under management of John Holt and Milo Cain will move to larger quarters about December 1. Increased business warrants the expansion.

Thomas O. Riley and Joseph Macaulay will operate the Oak Floor Company at 1625 Polk Street, San Francisco.

Plant of the Western Fixture and Showcase Co., 720 McAllister Street, suffered a \$10,000 fire loss Oct. 30. Edward Kipiner is owner.

Basalt Rock Company of Napa plans to issue additional stock to finance plant expansions.

Compressed Air Concrete Piles

In the usual method of concrete piling, it is the custom to manufacture the piles some six or eight weeks, at least, prior to use to allow of them hardening sufficiently, after which they are driven by a pile driver exactly as timber piles would be. Piling work carried out on this system has the advantages of durability and sustaining power peculiar to all concrete pile foundations, but the delay before the piles can be driven, the space required for manufacture and storage of the piles, the slow and noisy work of the pile-driver, the vibration of the soil, the danger of injuring the newly made piles in transportation or by excessive driving, all constitute drawbacks to the process. An alternative to the method consists in the manufacture of concrete piles in position in the ground. An iron pipe is first sunk either by driving or boring, and concrete is then rammed in. The pile is sometimes left in position, but there is always the danger of the pile being loosened by the pipe rusting away, and it is preferable to withdraw the pipe at the time the pile is made. The concrete is introduced in layers and is tamped by a rammer sliding in the pipe. During ramming, the pipe is gradually raised, never, or course, being withdrawn above the level of the concrete, and the effect of the ramming is to force the concrete into the surrounding soil, thus greatly increasing the bearing power.

The advantages of piles manufactured in this way are many. Work can be started at once and without causing annoyance by smoke, noise or vibration. The piles can be applied in the immediate vicinity of inhabited buildings and for underpinning existing structures on insecure foundations, while by using short lengths of pipe screwed together, they can be sunk inside covered or confined spaces. Moreover, they are cheap, and work is rapid as a number of piles may be put in simultaneously. It is obvious however, that they can only be reinforced with iron to a very limited extent as the process of ramming would be obstructed by such reinforcement as would be desirable. A further difficulty with such piles arises from the presence of subsoil water. During the ramming process, this water can enter the raw concrete and there is a great liability of the cement being washed out, not only at the foot of the pile, but throughout its entire submerged length.

In order to retain the merits of the rammed concrete pile without its drawbacks, the Pressure Piling Company Limited, of 50 Pall Mall, London, S.

W. L. are introducing a system in which the concrete is consolidated by means of compressed air. The piles are made in heavy boring tubes, of 10, 12, 16 and 20-in. internal diameter. The lowest carries a cutting edge, and the top section can be closed by a blank flange. The working lengths of the tubes are from 6 ft. to 12 ft. Sinking is done in the usual way by means of boring tackle the tube at the same time being forced down. When the required depth has been reached, the reinforcement which may be of any type, is inserted. The top of the tube is then closed by the flange mentioned, this flange carrying certain pipe connections a pressure pipe descends to the bottom of the tube. A second connection admits compressed air to the interior of the tube, which forces the subsoil water out of the tube and out of the earth surrounding its lower end. Cement mortar is then forced in through the pressure pipe until the tube is filled to a level sufficient to balance the subsoil water. The flow of cement is then stopped, and air at a pressure of 140 lbs. per square inch admitted through a third connection in the top cover. This forces some of the cement out of the lower end of the tube and drives it into the surrounding soil, thus forming a club-foot for pile. So effective is this method, that piles which have been dug out have had a foot over two and a half times the diameter of the pile, thus enormously increasing the sustaining power of the latter.

After the foot end of the pile has been made, the pressing of cement into the tube is continued. Finally, the tube is withdrawn. This is not done mechanically, but is effected simply by increasing the air pressure until the tube slips upward over the core. During this operation the high air pressure not only causes the concrete to fill immediately the annular space left by the tube, but also drives the concrete into any cavities or yielding places in the earth down the side of the bore. The consequence is that the frictional grip of the sides of the piles is greatly increased. Furthermore, the method of withdrawing the pipe, and the pressure of the air on top of the concrete, prevent any tearing of the latter. The new system appears to offer considerable practical advantages, not only by facilitating the construction of thoroughly-sound piles with full reinforcement, and by providing them with effective end and side resistance to motion, but by enabling piling to be carried out under conditions which preclude the use of any other method.

BURLINGAME BUILDING ACTIVE

Building operations in Burlingame, principally home construction, have increased approximately 450 per cent in the past five years and are still climbing steadily. This is shown in a tabulation of figures completed by Building Inspector Walter Scott. The summary shows that there were approximately \$400,000 in permits for 1919, during which records were kept for but five months and that permits for the present year will total somewhere around \$2,000,000.

The tabulation begins with the month of August, 1919, when the office was established and the first Burlingame building ordinance went into effect under Frank Lindsay, former city building inspector. The first month of

business shows seven permits issued for a total amount of \$26,190.

The total for the five months of 1919 was sixty permits with building construction amounting to \$194,256.

Last year's total was 489 permits amounting to \$1,969,682, and the previous year was more than \$2,000,000. Both these figures compare favorably with the estimate for the present year, which is more than \$1,800,000 for the past ten months.

The tabulation of annual totals since the establishment of the office in August, 1919, follows: Year 1919, 60 permits, \$194,256; year 1920, 142 permits, \$422,672; year 1921, 214 permits, \$796,492; year 1922, 471 permits, \$2,198,869, and year 1923, 489 permits, \$1,969,682.

Building News Section

APARTMENTS

To Be Done By Day's Work.
APT. BLDG. Cost, \$20,000
SAN FRANCISCO, S Haight 150 E Broderick.

Three-story and basement frame apt. bldg. (12 apts.)
Owner—A. D. Disston, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

To Be Done By Day's Work.
STORES & APTS. Cost, \$12,000 each
SAN FRANCISCO, N Clement 82-6 & 107-6 E 20th Ave.
Two 2-story and basement frame store and apt. bldgs. (1 store and 4 apts in each building).
Owner—Christiansen Bros., 518 25th Ave., San Francisco.

To Be Done By Day's Work.
APT. BLDG. Cost, \$20,000
SAN FRANCISCO, NE 10th Ave. and Lake St.
Three-story and basement frame apt. bldg. (6 apts.)
Owner—W. R. Voorhies, 615 Masonic Ave., San Francisco.

To Be Done By Day's Work.
APT. BLDG. Cost, \$15,000 each
SAN FRANCISCO, N Lake 40 & 96-3 E 10th Avenue.
Two 3-story and basement frame apt. bldg. (6 apts. each).
Owner—W. R. Voorhies, 615 Masonic Ave.

To Be Done By Day's Work.
APARTMENTS Cost, \$30,000
SAN FRANCISCO, SE Filbert & Gough Sts. 3-story and basement frame (15) apartments.
Owner—Carl Holmgren, 726 5th Ave., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$150,000
ALAMEDA, Alameda Co., Cal. Adjoining Neptune Beach.
Two-story frame, stucco and brick veneer and terra cotta apartment house (Court style; 52 2, 3, 4 and 5 room apts.)
Owner—R. C. Strehlow, 711 Taylor St., Alameda.

Architect—Willis Lowe, Monadnock Bldg., San Francisco.
It is planned to start construction the first of the year. Work will probably be done by days labor as Mr. Strehlow was formerly in the contracting business.

To Be Done By Day's Work.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, W Sixteenth Ave. 250 S Irving St.
Two and one-half-story and basement frame apartment building 10 apts.
Owner—Arthur H. Kleban, 1334 21st Ave., San Francisco.
Architect—None.

To Be Done By Day's Work.
APARTMENTS Cost, \$30,000
SAN FRANCISCO, NW Lombard and Polk Sts.
Three-story and basement frame apt. bldg. (12 apts.)
Owner—Herman Hogrefe, 273 20th Ave., San Francisco.
Architect—Edward E. Young, 2032 California St., S. F.

Permit Applied For.
APT. HOUSE Cost, \$450,000
SAN FRANCISCO, SE Jackson and Steiner Sts.
12-story and basement class A community apt. house (16 3 to 12 rm. apts., basement, garages, store-rooms, etc.)
Owner—2490 Jackson Street, Corp.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

PORTLAND, Ore.—Architects Clausen & Clausen, Macleay Bldg., preparing plans for two two-story and basement brick apartments, 87 by 137 feet, to be erected in Hawthorne St. near 40th St., est. cost, \$60,000 each. Peters Construction Co., Northwestern Bank Bldg., Portland, are owners and contractors.

SEATTLE, Wash.—C. F. Martin, Seaboard Bldg., at approx. \$115,000 awarded contract by Arch. Harry James, Alaska Bldg., to erect four-story and basement brick apartments, 62x98 ft., at Bolyston Ave. and E-Harrington St. Will contain 32 apartments of two and three rooms.

SEATTLE, Wash.—Architect Harry James, Alaska Bldg., taking bids to erect four-story and basement brick apartments, 62 by 98 ft., at Boyiston Ave. and E-Harrison St., for Mrs. Paula Nichols; will contain 32 apts., of 2 and 3 rooms. Vacuum steam heating system. Est. cost, \$110,000.

LOS ANGELES, Los Angeles Co., Cal.—Arthur Bard, Union Oil Bldg., was awarded contr. at about \$93,000 for 2-story, 60-room apt. bldg., at 532 S. Hobart Blvd. for I. W. Fiske, S. Charles Lee, 329 Douglas Bldg., archit: 60 x 140-ft., brick comp. rfg., gas steam htg. sys., forced ventilation, tile baths and drainbds., hardwood floors, pine trim, wallbds., refrigerators, incinerator, elevator.

BONDS

SANTA CRUZ, Santa Cruz Co., Cal.—Election will be held Nov. 12 in Pacific School District to vote bonds of \$20,000 to finance school improvements. Trustees of district are: Albert J. Gregory, Chas. J. Bella and Lena Garaventa.

Material of Merit DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors.
Fold-up Doors, Tl-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

REDDING, Shasta Co., Cal.—Due to cramped quarters in present high school, Redding Chamber of Commerce has secured new high school on 40-acre site west of the high school on Hearst St. in southern section of city. Bonds will probably be voted to finance construction.

SAN PABLO, Contra Costa Co., Cal.—Second election will be called in San Pablo School District to vote bonds of \$45,000 to finance additions to present school. Previous election defeated, 67 favoring bonds and 38 against.

SUNNYVALE, Santa Clara Co., Cal.—Election will be held Nov. 22 in West Side Union High School District to vote bonds of \$225,000 to finance erection of group of high school buildings, preliminary plans for which have been prepared by W. H. Weeks, architect, 369 Pine St., San Francisco. Trustees of district are: Arch. Wilson, Leo Vishot, C. C. Spaulding, H. G. Stelling and A. C. Butcher.

TURLOCK, Stanislaus Co., Cal.—Election to vote bonds of \$50,000 to finance construction of city hall, failed to carry; 266 for and 389 against the issue.

VENICE, L. A. Co., Cal.—Bond election for \$242,000 to finance erection of municipal auditorium, \$175,000 for city hall, \$10,000 for library; and \$20,000 for comfort stations, is contemplated by city council.

REDLANDS, San Bernardino Co., Cal.—See "Schools" this issue.

EL CERRITO, Contra Costa Co., Cal.—City trustees contemplate bond issue of \$35,000 to finance erection of city hall in addition to \$7500 for site and \$3500 for furniture.

BERKELEY, Alameda Co., Cal.—City fails to vote bonds of \$2,800,000 to finance school improvements; \$1,080,000 for elementary schools and \$1,720,000 for secondary schools. For former, the vote was 9005 for and 5553 against; for latter, 8847 for and 5638 against.

WATTS, Los Angeles Co., Cal.—Watts School Board has postponed school bond election which was to have been held Nov. 21 in order to allow the Home Gardens to withdraw. Nothing further will be done until it has been decided whether or not the district will annex to Los Angeles.

CHURCHES

FRESNO, Fresno Co., Cal.—Construction of temporary tabernacle for the John E. Brown evangelistic services will be started at once by volunteer workers in Forecamp St. near Temple St. will be 112x155 ft., seating about 4000. Headquarters for those interested in conducting the services are maintained in the Hotel Fresno.

ALHAMBRA, Los Angeles Co., Cal.—Architects Marston, Van Pelt & Maybury, 25 S. Euclid Ave., Pasadena, and 422 Union Oil Bldg., Los Angeles, have been commissioned to prepare plans for church building on Garfield and Commonwealth Aves., Alhambra, for First Presbyterian Church of Alhambra. It will consist of main church building, connecting to Sunday school and chapel.

LOS ANGELES, Los Angeles Co., Cal. — McDonald & Driver, Engineers Bldg., awarded general contract at \$122,190 for 100,000 sq. ft. building. A church building at the southwest corner of Wilshire Blvd. and Plymouth Blvd., for Wilshire Congregational Church, Addison & Allison, 1100 Wilshire Bldg., architects. Other contracts awarded: C. C. Stone, Pacific Ross & Hunt, 220 S. Street, metal work, Main Centre Works, 12444; tile roofing, C. L. Bassmore, 4449; composition for roof, Hammond Lumber Co., 117; painting, Ellis Reed Studios, 1569 12; brick and concrete, John Dillenburg, 3100; hardware, Bennett-Montgomery Co., 32375; cork carpet, F. F. Ryan Co., 5681 50; metal toilet partition, Western Mfg. Co., 4400; electric wiring, J. R. Allen, 38875; plumbing, Lohman Bros., 34862; heating, Lohman Bros., 13,319. Interior decoration, light fixtures, leaded glass and pews have not been let.

PASADENA, L. A. Co., Cal.—Arch. Norman F. Marsh, 211 Broadway Central Bldg., is preparing plans for a church bldg. to be erected at e. cor. of Lacey and Dayton Sts., Pasadena, for Friendship Baptist Church. Brick construction, stucco exterior, copper and tile pipe, art glass, pine trim, \$50,000.

SANTA ROSA, Sonoma Co., Cal.—Arch. Robert H. Orr, 1300 Corporation Bldg., Los Angeles, is preparing plans for a new church bldg., at Santa Rosa, for First Christian Church, auditorium, classrooms, social hall, kitchen, etc. Frame and plas., basement, tile and comp. rgs., hardwood and cem. fls., gas hfg. sys., storage water htr., pine trim pipe organ, art glass; \$40,000.

FACTORIES & WAREHOUSES

Contract Awarded.
BUILDINGS, Cost, \$120,000 Approx.
EMERYVILLE, Alameda Co., Cal. Bldg. bounded by Hillis St., 43th and Stanford Aves.

One-story reinforced concrete building (1st unit) of a group of about six buildings consisting of storage yards, warehouse, machine and electrical shops, foundry, laboratory buildings, metal shop and spur tracks).

Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.
Contractor—Lindgren-Swinerton, Standard Oil Bldg., S. F.

Sub-Contracts Awarded.
OFFICE, ETC. Cost, —
SAN FRANCISCO, Harrison, Steuart & Spear Sts.

Five-story warehouse and office building with roof garden.
Owner—Hills Bros.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.

Mgt. of Constr.—P. J. Walker Co., Sharon Bldg., San Francisco.
Excavating to Farrar & Carlin, 180 Jessie St., S. F.

Elevators to Otis Elev. Co., Beach & Stockton Sts., S. F.

Ornamental Iron to Federal Ornamental Iron Wks., 16th and San Bruno Ave., S. F.
Plumbing to Lawson & Drucker, 465 Tehama St., S. F.

Metal forms to Ransome & Metcalf, Monadnock Bldg., S. F.
Lumber to Loop Lumber Co., S. F.
Cement to Pacific Portland Cement Co., Standard Portland Cement & Old Mission Portland Cement Co.
Granite to McGilvray-Raymond Granite Co., S. F.
Sheet metal work & skylights, Special steel, window frames, hollow mill trim & elevator cabs to Fender Cornice Works, 263 Potrero Ave., San Francisco.
As previously reported the reinforcing steel, etc., was awarded to Edw. L. Soule, Rialto Bldg., at \$96,642.

Sub-Contracts Awarded.
FACTORY BLDG. Approx. \$200,000
SAN FRANCISCO, Third and Bancroft Ave.

Two-story reinforced concrete factory building 90x490 (1st unit).

Owner—Premier Spring & Bed Co.
Architect—Walter J. O'Brien 315 Montgomery St., San Francisco.
Contractors—Industrial Construction Co. formerly Vukicevich & Bagge, 415 Bryant St., San Francisco.

Grading—Farrar & Carlin, 180 Jessie St., San Francisco.

Cement—J. S. Guerin & Co., 720 Folsom St., San Francisco.

Lumber to Hillis Lumber Co., 748 Bryant St., San Francisco.

Reinforcing Steel—Gunn Carle Co., 444 Market St., San Francisco.

Electric Work—Fred D. Wilson, 72 Carmel St., San Francisco.

Steel Sash—J. Michel & Pfeiffer, 1415 Harrison St., San Francisco.

Plumbing—J. J. McLeod, 1246 Golden Gate Ave., San Francisco.

Wood & Glass Doors—C. Christensen, 77 O'Farrell St., San Francisco.

Roofing—Jas. Cantley, 180 Jessie St., San Francisco.

Bids will be taken for masonry work, glass, elevators, sheet metal, tile, metal partitions, etc.

Contractors to Take Sub-Figures in About a Week.

WAREHOUSE Cost, \$120,000
SAN FRANCISCO, Bryant St. bet. 7th and 10th Sts.

Four-story reinforced concrete, wholesale plumbing warehouse.

Owner—P. E. O'Hair, 857 Mission St., San Francisco.

Architect—R. W. Jenkins, 243 Diamond St., S. F.

Engineer—Russell & Ellison, 369 Pine St., S. F.

Contractor—Barrett & Hilp, 918 Harrison St., S. F.

Excavation will be started immediately.

Plans Completed.
CONCRETE BLDG. Cost, \$125,000
BERKELEY, Alameda Co., Cal. SW Grove St. and Dwight Way.

One-story reinforced concrete and semi-mill construction dyeing and finishing plant 30x315 ft.

Owner—Marshall Steel Co. (dry cleaners and dyers), 2124 Center St., Berkeley.

Engineer—R. Vane Woods, 505 17th St., Oakland.

Construction will be started shortly as the City Planning Dept. has extended the line of the industrial zone.

Segregated Figures Being Taken, Bids Close Nov. 10, 1924.
LOFT Cost, \$—
SAN FRANCISCO, 9th St., near Howard
Two-story reinforced concrete loft building.
Owner—Not given.
Architect—J. Smith O'Brien, 712 Market St., S. F.

Sub-Figures Being Taken.
FACTORY BLDG. Cost, \$40,000
SAN FRANCISCO, NW Eighth and Folsom Sts.

One-story brick factory building.
Owner—Diamond Patent Showcase Co., Inc., J. P. and C. D. Shaffer, 1625 Mission St., San Francisco.

Designer—James P. Shaffer, 987 Mission St., San Francisco.

Contractor—F. R. Siegrist Co., 604 Williams Bldg., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, \$33,000
SAN FRANCISCO, SW Folsom and Howthorne Sts.

Two-story reinforced concrete loft building.

Owner—Geo. A. Clough, Lessee of 2nd Floor, Monotype Co., 560 Mission St., San Francisco.

Engineer & Contractor—Jas. H. Hjul, 128 Russ St., San Francisco.

Excavation has been started.

ADDITION Cost, \$134,400
SAN FRANCISCO, 17th near Mariposa Street.

One-story reinforced conc. additional floor to municipal co. barn.

Owner—City and County of S. F.
City Engineer—M. M. O'Shaughnessy, City Hall.

Sheet metal work, patent windows and skylights. Forrester Corncore Wks., 16th St. and Potrero Ave., S. F.

Marble, Joseph Musto Sons-Keenan Co., 555 North Point St., S. F.

Plumbing, J. J. McLeod, 1246 Golden Gate Ave., S. F.

Steel rolling doors, Pacific Materials Co., 525 Market St., S. F.

Mill work, Empire Mill, 750 Bryant St., San Francisco.

Cement, J. S. Guerin Co., 720 Folsom St., S. F.

Iron work, Fair Mfg. Co., 617 Bryant St., S. F.

Steel sash, U. S. Metal Products Co., 330 10th St., S. F.

Reinforcing steel, Gunn Carle Co., 444 Market St., S. F.

Overhead trolley work and rail bonding, R. W. Jamison, 637 Mission St., San Francisco.

Safety stair treads, C. Jorgensen & Co., 604 Mission St., S. F.

Electrical work, Fred D. Wilson, 72 Carmel St., S. F.

Roofing tile, N. Clark & Son, 116 Natoma St., S. F.

Window shades and linoleum, D. N. & E. Walter Co., 562 Mission St., S. F.

Glass and roofing contracts will be awarded later.

Completing Plans.
FACTORY BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal.

Two-story brick and steel frame factory bldg. 80x195.

Owner—Barrow Trinzle Co.
Architect & Contractor—The Austin Co. of California, Santa Fe Bldg., San Francisco.

Plans will be completed in about 10 days when sub figures will be taken.

"MacArthur For Piles"

STRAIGHT SHAFT COMPRESSED CONCRETE PILE
PEDESTAL COMPRESSED CONCRETE PILE
COMPOSITE COMPRESSED CONCRETE PILE

cover all lengths and conditions without change of rigging, delay and consequent financial loss.

MacArthur Concrete Pile & Foundation Co., Inc.

373 MONADNOCK BUILDING, SAN FRANCISCO, CALIF.

PHONE SUTTER 5549

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Random Variegated Colors Slate Roofing

and
Random Variegated Colors Tile Roofing

Composition Roofing
General Roof Repping
Samples Submitted

150 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5932

Plans Being Prepared.

FACTORY BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal., NW 30th
 and Myrtle Sts.
 One-story brick and steel factory bldg.
 100x100.

Owner—National Elec. Sign Co.
Architect & Contractor—The Austin Co.
 of California, Santa Fe Bldg., San
 Francisco.

Plans will be completed in about
 10 days when sub figures will be taken.

Plans Completed.

LAUNDRY BLDG. Cost, \$40,000
BERKELEY, Alameda Co., Cal. SW
 Grove St. and Dwight Way.
 One-story and mazzene floor laundry
 building (brick walls and mill con-
 struction, roof 143x115 feet).
Owner—Manhattan Laundry Co., 1812
 Dwight Way, Berkeley.
Engineer—R. Vane Woods, 505 17th St.,
 Oakland.

Construction will be started shortly
 as the City Planning Dept. has extended
 the line of the industrial zone.

Plans Being Prepared.

CONCRETE BLDG. Cost, \$250,000
MODESTO, Stanislaus Co., Cal.
 Steel and concrete chemical plant bldg.
Owner—Peroxide Mfg. Co. (S. W. Herb,
 Pres.), 4th and Kentucky Sts., San
 Francisco.
Engineer—C. E. Gilman, Oakland Bank
 Bldg., Oakland.

CHICO, Butte Co., Cal.—French
 American Laundry, 741 Broadway.
 Chico, J. P. Claverie, manager, will
 erect one-story, 60 by 90 ft. laundry
 building on site formerly occupied by
 the Henry Corral; will be reinforced
 concrete construction.

MODESTO, Stanislaus Co., Cal.—Mo-
 desto Evening News has sold its pres-
 ent plant and purchased Hogan prop-
 erty in Eleventh street and will re-
 model the quarters for a newspaper
 publishing plant; approx. \$40,000 will
 be expended in improvements.

SANTA BARBARA, Santa Barbara
Co., Cal.—Architect Edward L. May-
 berry, Los Angeles, has Transportation
 Bldg. is complete. Plans for a 4-story
 Class A side addition to warehouse on
 E. Mason St., Santa Barbara, for Mon-
 teicito Van & Storage Co., D. B. Shean,
 secretary. Reinforced concrete con-
 struction, 50x135 feet, composition
 roofing, cement floors, steel sash. Bids
 will be taken in two weeks.

FRESNO, Fresno Co., Cal.—Construc-
 tion of \$40,000 plant for manufacture
 of macaroni will be started shortly in
 the rear of the present plant of the
 Fresno Macaroni Mfg. Co., at 1133 E
 street, Alfonso Borelli, president of the
 company announces; will be two-story
 brick, 50 by 100 ft.

SAN FRANCISCO—State Treasurer
 sells \$2,000,000 bond issue for premium
 of \$33,000, proceeds of sale to finance
 construction of terminal warehouse at
 foot of Second street, San Francisco,
 the work to be carried on under the
 supervision of the State Board of Har-
 bor Commissioners of which Frank G.
 White, Ferry Bldg., San Francisco, is
 chief engineer.

OAKLAND, Alameda Co., Cal.—The
 General Petroleum Co., 310 Sansome
 St., San Francisco, are planning to
 erect plants on the Oakland Waterfront
 near the Parr Terminal.
 The value of the General Petroleum
 company's investment is placed at
 \$665,000. The company will erect 13
 oil tanks, three of 30,000-gallon ca-
 pacity, two of 55,000-gallon capacity
 and three of 25,000-gallon capacity, in
 addition to numerous smaller tanks for
 refined oil, a warehouse, 220x40 feet,
 and other buildings.

A pipe line from the nearby docks
 will supply oil from the company's
 tankers to the plant. Spur railroad
 tracks will be extended to both prop-
 erties. In addition to the waterfront
 plant, the General Petroleum corpora-
 tion plans to extend its other East Bay
 interests, and to make this the dis-
 tributing point for interior northern
 and central California, it was said.
 The total investment of the Richmond
 Oil Company is placed at \$175,000.

LOS ANGELES, Cal.—Globe Ice
 Cream Co., 230 W. Jefferson St., is
 having plans prepared by its own en-
 gineering dept. for class A addition to
 present manufacturing plant at Jeff-
 erson and Hill Sts. It will be 2-story and
 basement, reinf. conc. constr., comp.
 rfg., metal fl., and ice making
 machinery; \$150,000. Work will prob-
 ably be done by the owners, and is to
 start about Dec. 1.

LOS ANGELES, Cal.—Archts. S. H.
 Dunford and A. R. Brandler, 1017 Lin-
 coln Bldg., have completed plans and
 are taking bids for an 8-story class A
 warehouse at Industrial and Alameda
 sts., for Richards Trucking and Ware-
 house Co., Reinf. conc. constr., base-
 ment, 88x150 ft. comp. rfg., cem. fls.,
 steel sash, sprinkler sys., gas htg. in
 offices, plas. facing, two freight and
 one passenger elec. elevators, wire and
 plate glass.

LOS ANGELES, Los Angeles Co.,
Cal.—The Western Machinery Co., Wm.
 Angus, pres., 900 N. Main St., will
 erect new \$500,000 manufacturing
 plant on site not yet selected in vi-
 cinity of Los Angeles, and in the
 reports by Mr. Angus and R. S. Jacobs.

MODESTO, Stanislaus Co., Cal.—
 Chamber of Commerce announces an-
 other large chemical plant will locate
 in Modesto. Plant buildings contem-
 plated by the new firm, whose name
 is withheld until developments are fur-
 ther advanced, will cost approximately
 \$250,000. The plans will be started in
 the vicinity of the plant now under
 construction for the D-V-O-Products
 Company in Woodland Ave.

FLATS

To Be Done By Day's Work.
FLAT BLDG. Cost, \$11,000
SAN FRANCISCO, S. Grove, 191 W. Ash-
bury.
 Two-story and basement frame flat
 bldg. (2 flats).
Owner—Thos. McCormick, 73 Hill St.,
 San Francisco.

Contract Awarded.

FLATS Cost, \$13,745
STOCKTON, San Joaquin Co., Cal. No.
 325 Magnolia St.
 Two-story frame flat building (4 flats).
Owner—E. F. Ellis, 228 S-Union St.,
 Stockton.
Architect—None.
Contractor—William J. Scott, 36 N-
 Sutter St., Stockton.

Plans Completed.

FLATS Cost, \$14,000
OAKLAND, Alameda Co., Cal. 16th
 Avenue.
 Two-story frame and stucco flat build-
 ing (4 flats).
Owner—Wm. Nease.
Architect—Hutchison & Mills, 1214
 Webster St., Oakland.

Plans Complete.

FLATS & STORES Cost, \$8000
OAKLAND, Alameda Co., Cal. SW
 Montclair Ave. & Park Blvd.
 Two-story 6-room flats and stores.
Owner—J. Schultze, 518 Brooklyn
 Ave., Oakland.
Architect—L. F. Hyde, 372 Hanover Av.,
 Oakland.

Contract Awarded.

FLATS Cost, \$15,600
SAN FRANCISCO, NW California and
 Twenty-fourth Ave.
 Two-story and basement frame (4)
 flats.
Owner—J. F. Tobin, 2570 Bush St., San
 Francisco.
Architect—E. E. Young, 2002 Califor-
 nia St., San Francisco.
Contractor—C. T. Magill, 185 19th Ave.,
 San Francisco.

GARAGES

Contract Awarded.

GARAGE ETC. Cost, \$18,000
SAN RAFAEL, Marin Co.
 One-story concrete garage and auto
 salesrooms 75x90 ft.
Owner—Mrs. Cochrane, San Rafael, Cal
Contractor—L. R. Ward, 970 Guerrero
 St., San Francisco.

Contract Awarded.

GARAGE Cost, \$11,200
SAN LEANDRO, Alameda Co., Cal. E-
 Fourteenth Street.
 One-story frame, stucco and brick ven-
 er auto sales and garage bldg.
Owner—W. L. Duarte (for Ford agen-
 cies).
Architect—Miller & Warnecke, 1404
 Franklin St., Oakland.
Contractor—Chester Gossett, 327 Davis
 Court, San Leandro.

Contract Awarded.

GARAGE BLDG. Cost, \$15,000
OAKLAND, Webster bet. 23rd and 24th
 Streets.
 Tile, brick and concrete garage bldg.
Owner—M. B. Campbell, Tribune Tower
 Oakland.
Architect—Wythe, Blain & Olsen, 150
 Telegraph Ave., Oakland.
Contractor—Chas. Heyer, Jr., Mills
 Bldg., S. F.

Phone Franklin 9400

FRED H. BOGGS

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SAN FRANCISCO

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Issued every business day of the year. Furnishes
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 machinery, etc. Send for rates in your territory, ad-
 vising class of work in which you are interested.

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 General Mill and Cabinet Work, Stock Doors, Sash
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 JERROLD AVE. & VARNEVELD AVE.
 Mission 901-902-903-904 San Francisco

A. H. Vogel	848,763
L. M. Sommer	18,828
Barrett & Hulp	59,725
Clinton Constr. Co.	51,750
John Spargo	53,351
Mohr & De Luca	73,811
Cobby & Owsley	57,420
J. J. Leonard	58,500
West Coast Constr. Co.	62,000

SAN FRANCISCO—Abeel & Co., 74 New Montgomery St., at \$3967 awarded contract by Constructing Quartermaster, Fort Mason, to construct spur track.

PENDLETON, Ore.—Custodian of U. S. Post Office taking bids to construct new entrance at post office; date to open bids not set.

one year.



LOS ANGELES, Los Angeles Co., Cal.—Chas. Eager, James Bldg., Compton, and Architect Frank Eager, Monrovia, associate, have completed plans for a three-story Masonic temple building at the corner of Tamarind St. and Magnolia Ave., Compton, for Anchor Lodge No. 273, F. & A. M. It will have 4 stores on first floor, with office and lodgerooms on 2nd and 3rd floors; brick composition roofing, plate glass, cement, pine and hardwood floors, gas heating, storage water heater, pine trim.

DOWNEY, L. A. Co., Cal.—Odd Fellows Lodge of Downey have voted to purchase property 50x140 ft. at cor. 2nd and Doland Sts., Downey, and will erect 2-story store and lodge bldg. in the near future. The first fl. will have 2 stores and second fl. will contain lodge rooms.

LOS ANGELES, Los Angeles Co., Cal.—Arch. Robert Kitts, 1537 S. Hoover St., has completed plans for a 2-st. Masonic temple bldg., at cor. Pico Blvd. and Orchard St., for Sunset Lodge No. 352, F. & A. M. J. H. Bell, 326 California Bldg., Master is taking bids and has complete charge. Brick, 100-x140 ft. press. br. facing, comp. rfg., cem. and hardwd. fls., plate glass, pine trim, tile and marble work, gas htg.; 6 stores in 1st fl. and lodge rms. in 2nd.

HOSPITALS

FRESNO, Fresno Co., Cal.—County supervisors authorize construction, by day labor, of contagious disease ward at county hospital; will have 25-bed capacity. Construction will be carried on under supervision of N. E. James, county building superintendent. D. M. Barnwell is county clerk.

OAKLAND, Cal.—County Supervisors sell \$500,000 county bond issue for premium of \$22,139; proceeds of sale to finance construction of women's dormitories at hospital. Henry H. Meyers, architect, Kohl Bldg., San Francisco.

VAN NUYS, L. A. Co., Cal.—E. Chrysler, 6372 Hollywood Blvd., L. A., is preparing preliminary plans for hospital in Van Nuys for the American Legion, 140x75 ft., frame and stucco, U shape, \$75,000.

LA VERNE, Los Angeles Co., Cal.—J. S. Metzger & Son, 1007 S. Grand Ave., were low bidders at \$118,764 on the general contract for erecting a reinforced concrete orphanage at La Verne. Los Angeles County, for Home Missionary Society of M. E. Church, 1047 S. Hill St. Low bidders on other contracts were: W. S. Goodrich on plumbing at \$10,020; Thos. Haverty Co. on heating at \$8875; and Golden State Electric Co. on wiring at \$3566. Wm. H. Weeks, 369 Pine Street, San Francisco, architect. The building will be two-story and basement, 60x125 ft., plaster exterior, terra cotta trim, clay tile roofing.

SEATTLE, Wash.—First Baptist Church congregation plans to campaign for funds to finance construction of 140-room fireproof addition to Minor Hospital; est. cost \$300,000.

HOTELS

INGLEWOOD, L. A. Co., Cal.—Archts. Farrell & Miller, 760 Western Mutual Life Bldg., Los Angeles, have completed plans for 2-story brick store and hotel bldg. at cor. of Hillcrest Blvd. and E. Queen St., for H. N. Longfellow, 515 Irvington, Huntington Park. Whipple & McDonald, 251 S. Pacific Blvd., Huntington Park, contr. There will be 56 rms., and 6 single apts., large lobby. Dimensions 100x120 ft., pressed brick walls, art. stone trim, comp. rf., gas steam htg. sys., 50% tile baths, hardwd. tile and cem. fl., pine trim, plate glass, \$75,000. Work will start immediately.

LAGUNA BEACH, Orange Co., Cal.—Arch. Arthur J. Williams, 340 Douglas Bldg., Los Angeles, is preparing preliminary plans for 3-story semi-fireproof hotel at Arch Beach, s of Laguna Beach, for F. W. Kraemer Co., Commercial Exchange Bldg., Los Angeles. It will contain 100 rms.; \$250,000.

MARSHFIELD, Ore.—Archs. Houghaling & Dougan, Gearin Bldg., Portland, have completed preliminary plans for hotel building to be erected at Broadway and Market Sts.; est. cost, \$400,000. Will contain about 150 guest rooms with stores on ground floor. Dr. George E. Dix heads company which proposes to finance the work.

POWER PLANTS

Plans To Be Prepared.
SUB STATION Cost, \$49,000
RED BLUFF, Tehama Co., Cal., Monroe Street.

Outdoor sub station.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of owner

FALLON, Nevada.—Contract entered into between Fairbanks-Morse Co., San Francisco, and city council to install emergency power plant has been cancelled.



NOW THAT the election.
AND HALLOWE'EN are over.

SANDY PRATT would like.

TO TELL.

ABOUT HIS boyhood experience.

DOWN IN Tulare.

AS A Hallowe'en hound.

WELL, OLD Capt. Phillips.

CLAIMED TO be a veteran.

OF THE Civil War.

AND ALL the wars.

SINCE 1812.

ANYWAY HE wore medals.

OVER TWO dozen.

BUT THE G. A. R. boys.

SAID THESE were not credentials.

TO JOIN their lodge.

BUT HE dressed up.

MEDALS and all.

JUST THE same.

AND PARADED with them.

NOW, CAPT. Phillips.

OWNED A two-horse wagon.

AND THE Tulare boys.

AGAINST THE will.

OF SANDY Pratt, President.

OF THE Pratt Building Material Co.

PRODUCER OF hard, crushed rock.

AND CLEAN, sharp sand.

PUT THE Captain's wagon.

ON THE roof.

OF TULARE'S two-story school house.

AND WHEN the sun rose.

ON THE following morning.

CAPTAIN PHILLIPS paraded.

UP AND down the street.

WITH HIS blue uniform.

AND HIS two dozen medals.

DEMANDING THE immediate return.

OF HIS old wagon.

HE WAS ready.

TO CALL.

OUT THE State Militia.

FOR THE sheriff.

AND THE Chief of Police.

WOULD NOT act promptly.

IT TOOK the school board.

OVER TWO days.

TO REMOVE the wagon.

THAT THE boys put up.

IN SIX hours.

AND IN the investigation.

THAT CAPT. Phillips demanded.

NO SCHOOL boy was suspended.

AND SANDY Pratt.

PRODUCER OF rock and sand.

AT MARYSVILLE, Sacramento.

PRATTROCK (NEAR Folsom).

AND PRATTCO (Monterey County).

GRADUATED FROM this school.

AND WHEN the Captain died.

SANDY WENT to his funeral.



Perhaps this is the way old Capt. Phillips of Tulare "won" his medals (paid for by himself probably). So thanks Sandy Pratt, president of the Pratt Building Material Company and producer of hard, crushed rock, clean, sharp sand, washed gravel and rock screenings at Marysville, Prattrock (near Folsom), Sacramento, Prattco (Monterey County) and San Francisco.

TACOMA, Wash.—Until Nov. 10, 2 p. m. bids will be rec. by Commissioner of City Light and Water, 402 City Hall, to fur. and del. equipment for Cushman Power Project, as follows: (Section 1a) Transformers and line equipment; 400 cubic poles, 1200 gross tons; 1800 space blocks; 1 F. W. D. earth boring and pole setting machine or equal; Section M, 3000 lin. ft. hoisting rope.

TACOMA, Wash.—Until Nov. 24, 2 p. m. bids will be rec. by City Commissioner of Light and Water to furnish for Cushman Power Project the following materials: 1 lot pole hardware; 315,000 lin. ft. 7-16 inch Siemens-Martin strand galvanized guy wire; 16,854 suspension insulators; 60 post insulators; 1 lot insulator hardware; 1 power line duplex carrier telephone system.

LOS ANGELES, Cal.—Standard Underground Cable Co., 319 Citizens Bank Bldg., awarded cont. by City Pub. Wks., at \$1589 for office cable, Invol. (a) 750 ft. of 24 pair No. 16 B & S Gauge; (b) 550 ft. of 21 pair No. 16 B & S Gauge; (c) 250 ft. of 26 pair No. 22 B & S Gauge; (d) 300 ft. of 41 pair No. 22 B & S Gauge; (e) 150 ft. of 45 pair No. 22 B & S Gauge; (f) 200 ft. of 101 pair No. 22 B & S Gauge, lead covered cable on one reel. Bid was: (a) 58c ft.; (b) 79c ft.; (c) 42c ft.; (d) 57c ft.; (e) 79c ft.; (f) \$1.23 ft.; lump sum \$1589.

LOS ANGELES, Cal.—Fulton Engine Wks., St. Louis, Mo., awarded contract by public service commission, at \$172,464 f. o. b. car, deliv. point, for two Diesel engine generating sets under spec. 731. Gen. Elec. Co. awarded cont. at \$1199 for regulator for same.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 13, bids will be rec. by bid. pub. wks. for insulated copper wire. H. B. Farris, secretary.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 17, bids will be rec. by bid. pub. wks. to fur. gasoline engine driven generator; for motor generator sets; for storage batteries; one master clock. H. B. Ferris, secretary.

LOS ANGELES, Cal.—Westinghouse Elec. & Mfg. Co. submitted low bid to pub. serv. comm. at \$47,811 for three transformers. Also alt. bid of \$47,794. Other bids: Allis-Chalmers Mfg. Co. \$49,400; Gen. Elec. Co. \$51,170; alt. bids (2) \$51,550, (3) \$47,350, (4) \$47,750.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close December 1, 1924.

VAULT LINING ETC. Cost, \$—
OAKLAND, Alameda Co., Cal., County Treasurer's Office, Court House.
Vault lining, doors, gates, etc.
Owner—Alameda County, Geo. E. Gross, clerk.

Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Plans may be obtained from the clerk's office.

OAKLAND, Cal.—County Supervisors, Geo. E. Gross, Clerk, rescind contract previously awarded to construct vault in county treasurer's office, as bid did not comply with specifications. New bids will be asked immediately.

SAN FRANCISCO Board of Supervisors authorize appropriation of \$1300 to finance renewal of overhead cables in city hall elevators.

UKIAH, Mendocino Co., Cal.—Until Nov. 12, 10 A. M., bids will be rec. by supervisors to const. rein. conc. vault in office of county treasurer. Plans on file in office of clerk.

SANTA ANA Orange Co., Cal.—Santa Ana Chamber of Commerce will purchase property at the northwest corner of Second and Main Sts. as site for a new home. A two-story building 100x125 ft., containing 5 stores and chamber quarters, will be built. Cost, \$90,000. Building committee is composed of D. N. Kelly, W. E. Martin, F. L. Purinton, Mac O. Robbins, Guy J. Gilbert, R. A. Chandler and A. E. Roussele.

COMPTON, Los Angeles Co., Cal.—Architect Frank M. Goodwin, 207 W. Main St., has been commissioned to prepare plans for a new city hall building at Compton for city of Compton. It will have city offices, courtroom, police department and jail and fire department quarters. Cost, \$85,000.

RESIDENCES

Plans Being Prepared.
ALTERATIONS Cost, \$7000
SAN FRANCISCO, Franklin St. nr Pacific Ave.

Alter residence.
Owner—Withheld.
Architect—Fabre and Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
BUNGALOW Cost, \$8000
SAN FRANCISCO, Mission District.
One-story frame and plaster bungalow.
Owner—Mrs. B. Johnson.
Contractor—E. R. Ward, 970 Guerrero St., San Francisco.

Plans Being Prepared.
COTTAGES, ETC. Cost, \$100,000
ALAMEDA, Alameda Co., Cal. (Adjoining Neptune Beach (Neptune-by-the-Sea))
Concrete swimming tank, 100x600 feet.
Italian Gardens and 200 one-story 3-room frame cottages.
Owner—R. C. Strehlow, 711 Taylor St., Alameda.
Architect—Willis Lowe, Monadnock Bldg., San Francisco.

Contract Awarded.
DWELLINGS & GARAGES (5)
PALO ALTO, Santa Clara Co., Calif.
Bld. by Mayfield Ave. Salvatierra St. & Santa Inez Ave.
Five 1-story frame dwellings and garages.

Owner—Mrs. Herbert Hoover, Campus of Stanford University, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero Ave., Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.

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Plans Being Prepared.
RESIDENCE Cost, \$8000
BERKELEY, Alameda Co., Cal., Northbrae.

Two-story frame and stucco residence (6 rooms).
Owner—C. M. Wales.
Architect—Williams & Wastell, American Bank Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal., 5 Hillcrest Court.

Residence.
Owner—R. Perritt, Euclid Ave., Berkeley.
Contractor—O. F. Lyon, 520 San Fernando, Berkeley.

Sketches Prepared.
RESIDENCE Cost, \$11,000
BERKELEY, Alameda Co., Cal., Alvenal Court.

Two-story frame and stucco residence with tile roof.
Owner—Miss Mabel Weed, 2828 Stuart Berkeley.
Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.

Contract Awarded.
DWELLING Cost, \$10,000
OAKLAND, 416 Santa Clara Ave.
One-story 9-room, 3-family frame dwelling.
Owner—Chas. H. Boek, 412 Santa Clara Ave., Oakland.
Architect—None.

Contractor—J. F. Patterson, 2001 68th Ave., Oakland.
Sub-Figures Being Taken.
RESIDENCE Cost, \$15,000
STOCKTON, San Joaquin Co., Cal., Rose and Baker Sts.
Two-story and basement frame brick colonial residence and garage, (slate or shingle roof).
Owner—H. Y. Davis.
Architect—Davis-Heller-Pearce, Delta Bldg., Stockton.
Hot water heating system, hardwood floors and interior.

Contract Awarded.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, W Eighth Ave. 228 S Lawton St.
Two-story and basement frame and stucco residence and garage with tile roof (8 rooms and 2 baths).
Owner—Walter Scheffauer, 362 Pierce St., S. F.
Architect—W. C. Falch, Hearst Bldg., San Francisco.
Contractor—Henry F. Papenhausen, 532 3rd Ave., S. F.
Hot air heating system, hardwood floors, etc.
Contract includes all work except finish hardware, light fixtures, wall paper, furnace and automatic water heater.

Contract Awarded.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, NW San Anselmo & San Buenaventura Way.
Two-story and basement frame residence.
Owner—L. A. Redman, 333 Pine Street, San Francisco.
Architect—Louis M. Upton, 474 Montgomery St., S. F.
Contractor—Taylor & Jackson, 290 Tehama St., S. F.

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Contract Awarded.
RESIDENCE Cost, \$12,890
SAN FRANCISCO, 635 14th Ave.
 Two-story and basement frame residence.
 Owner—Martin F. Hunius, 156 2nd Ave.
 San Francisco.
 Architect—J. H. Christie, 65 Market St.
 San Francisco.
 Contractor—Ira C. Coburn, Hearst Bldg.
 San Francisco.

Contract Awarded.
RESIDENCE Cost, \$7240
RICHMOND, Contra Costa Co., Cal.
 Two-story frame and stucco residence.
 Owner—Dr. H. L. Carpenter.
 Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
 Contractor—Carl Overaa, 246 14th St., Richmond.
 Other bidders were:
 P. M. Sanford, \$7460
 R. Hector, 7496
 R. Farrell, 7950
 F. B. Robertson, 8212
 W. Shelgrove, 8223
 Tandy & Theis, 8400
 Owner will install heating system.

Contract Awarded.
RESIDENCE Cost, \$—
OAKLAND, Highland near Guilford Pl.
 Two-story frame and stucco residence
 (8 rooms).
 Owner—Mrs. Frank Laidlaw.
 Architect—Henry H. Gutterson, 278
 Post St., San Francisco.
 Contractor—Heath & Wendt, 516
 American Bank Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$13,500
FRESNO, Fresno Co., Cal. No. 528
 Terrace Ave., Fresno.
 Frame and stucco residence.
 Owner—H. G. Miles, 925 Franklin St.,
 Fresno.
 Architect—None.
 Contractor—Shorb & Neads, 1291 Lin-
 den St., Fresno.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, Balboa Terrace.
 Two-story and basement frame and
 stucco residence.
 Owner—Mr. & Mrs. Jacobson, 400 Du-
 buche Ave., S. F.
 Architect—H. H. Gutterson, 526 Pow-
 ell St., S. F.

Contract Awarded.
DWELLINGS \$8000 each
SAN FRANCISCO, SE Paloma and
 Junipero Serra Blvd.; N Paloma
 123 and 130 E. Junipero Serra; S
 Alameda, 120 and 130 E. Junipero
 Serra and W. Carritos Ave. 237 S
 Ocean Ave.
 Six one and one-half-story and base-
 ment frame dwellings.
 Owner—Urban Realty Inv. Co., 11
 Montgomery St., San Francisco.
 Architect—None.
 Contractor—Leonard & Holt, 41 Mont-
 gomery St., San Francisco.

To Be Done by Day's Work.
DWELLINGS Cost, \$2500 each
OAKLAND, Alameda Co., Cal., 1294 1296
 1340 1342 1343 1345 64th Ave. and
 1350 63rd Ave.
 Seven 1-story frame dwellings.
 Owner—C. A. Birch, 3601 Nevil St.,
 Oakland.
 Mr. Birch has a contract to erect 3
 1-story frame dwellings at 1434, 38 &
 12 68th Ave. for Ralph Duncan, Cost
 \$2500 each.

Contract Awarded.
RESIDENCE Cost, approx. \$14,000
BERKELEY, Alameda Co., Cal., San
 Domingo St.
 Two-story frame and stucco residence.
 Owner—Peter A. Kinnoch, 136 Ronada
 St., Berkeley.
 Architect—H. H. Gutterson, 526 Pow-
 ell St., S. F.
 Contractor—A. S. Holmes, 367 12th St.,
 Oakland.

LOS ANGELES, Los Angeles Co., Cal.
 Wright & Hogan, 1666 N. Vermont
 Ave., Los Angeles, have prepared plans
 and will build six 5-room frame dwell-
 ings at 1126-35 Avoca and 26-34-98 W.
 Glenarm, Pasadena, for themselves.
 Stucco exterior, composition roofing,
 hardwood floors, tiled baths, unit heat-
 ing. Cost, \$21,600.

PASADENA, Los Angeles Co., Cal.—
 J. H. Simpson, 548 S. Raymond Ave.,
 Pasadena, has secured permit for
 dwelling at 287 S. Grand Ave. for Wm.
 R. Staats, 294 S. Grand Ave., Pasade-
 na; 78x82 ft., 2-story and basement,
 17 rooms, frame and cement. Slate roof-
 ing, marble floors, 5 tile baths, tile
 mantels, interior panel work, unit sys-
 tem heating. Cost, \$72,000.

WOODLAND, Yolo Co., Cal.—Mc-
 Anulty Bros., promoters of St. Paul,
 Minn., and interested in construction
 projects in Los Angeles, Pasadena and
 Oakland, have taken over 250 acres of
 the west Sacramento Company's tract
 in Eastern Yolo county and plans early
 construction of 500 new homes. Mc-
 Anulty Bros., maintain offices in the
 Western Mutual Bldg., Los Angeles.

SIERRA MADRE, Los Angeles Co.,
 Cal.—Appliances Marton, Van Pelt &
 Maybury, 25 S. Euclid Ave., Pasadena,
 and 122 E. 10th St., Los Angeles,
 has completed plans and J. G. Clark
 has the contract for two-story and
 basement Italian dwelling in Sierra
 Madre for R. A. Pratt; 15 rooms, frame
 and plaster, tilt roofing, cast stone, or-
 namental iron, 5 tile baths, hardwood
 floors and trim, stone mantel, unit sys-
 tem of heating.

ARCADIA, Los Angeles Co., Cal.—
 Occidental Constr. Co., 4235 Moonstone
 Dr., Los Angeles, and Arcadia, has pre-
 pared plans and will build a two-story
 dwelling in Los Robles Ter., Arcadia,
 for Mrs. L. Johnston, Monrovia. It will
 contain 14 rooms and 4 baths; 62x52 ft.,
 stucco exterior, clay tile roof, hard-
 wood tain and floors, 2 tile mantels,
 tiled baths, electric controlled unit
 heating, garage. Cost, \$25,000. Work
 started.



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 quired.

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 Right or Left.

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 Outside of Sash Easily Washed
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WHITCO HARDWARE takes the
 place of both hinges and ad-
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Each set is packed in a neat
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Plaster Lath**

(Patented)

100% Mechanical Key.

**Plaster
Wall Board**

(Patent applied for)

The Last Word in Wall Board.

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 STOCKTON, CALIFORNIA

REDLANDS, San Bernardino Co., Cal.—Archts. Allison & Allison, 1405 Humboldt Bldg., L. A., have been commissioned to prepare plans for two new grammar school bldgs. to be erected at Redlands. Bonds in the sum of \$350,000 have been voted. The bldgs. will be erected at Kingsbury and Franklin school sites and will contain 12 rooms, auditorium, offices and kindergarten.

LOS ANGELES, Cal.—Archts. Hudson & Munsell, 444 Douglas Bldg., are completing plans for an add. to 95th St. school, at 95th St. school site, on 95th St., e. of Budlong Ave., for bd. of educ. 12 units with auditorium to seat 250 people. Brick walls, 2-story, plaster exterior, tile rfrg., maple fls., add. to present htg. sys., slate blackbds., reinf. conc. stair and corridor constr., pine trim, \$84,000. Bd. of educ. will take bids soon.

TURLOCK, Stanislaus Co., Cal.—Until Nov. 17, 8 P. M., bids will be received by L. W. Crabtree, Clerk, Robert's Ferry Union School District, to remodel present school. G. N. Hilburn architect, Sierra Bldg., Turlock. Plans obtainable from architect and from clerk Star Route, Waterford, Calif.

Disraeli said: "Confidence is a plant of slow growth." The confidence which architects, contractors, and owners everywhere have in Quandt-quality painting and decorating service has been established through the steady increase in the size of the standards during the past 40 years. Whether the job be large or small, our paramount interest is to achieve the best result and give full value for every dollar expended. Our quality service is dependable service and will fulfill all your requirements.

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SAN FRANCISCO, CALIF.



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

Manufacturers of

ENCLOSED EXTERNALLY OPERATED SAFETY SWITCHES, KNIFE SWITCHES, METAL SWITCH AND CUT-OUT BOXES, SAFETY SWITCH BOARDS

247 MINNA STREET

Phone Sutter 3008

SAN FRANCISCO

LOS ANGELES, Los Angeles Co., Cal.—Until 9 A. M. Nov. 10 bids will be received by Los Angeles Board of Education for addition No. 2 on Madison St. school on Murchison St., between St. Charles and Madison St. Bids will be taken on general, plumbing, painting, heating and ventilating and electrical. Plans and specifications on file at 240 Security Bldg. Cash or cash check or bond 5%. Wm. A. Sheldon, secretary. Building will be 2-story 12-room brick construction, tile roof. Cost, \$81,000. Frank P. Johnson, architect, 134 Douglas Bldg.

SANTA MONICA, Los Angeles Co., Cal.—Until 3 P. M. Nov. 24 claims extended from Nov. 10, bids will be received by Santa Monica City School District Board of Education, 1333 6th St., Santa Monica, for extension of present school and new installations of clocks, bells and telephones at McKinley, John Adams, John Muir, Washington, Jefferson, Cleveland and various other schools in Santa Monica. Plans and specifications on file with Architects Allison & Allison, 1405 Hilbernan Bldg., Los Angeles. Cash or cash check or bond 5%. Deposit of \$10 for plans to be refunded. Theo. H. Schoenwetter, Secretary.

ALAMEDA, Alameda Co., Cal.—New bids will be received until November 13, 1924, 3 P. M. by the Board of Education of the City of Alameda, for lathing and plastering for the new brick and tile high school building. Carl Werner, Santa Fe Bldg., San Francisco, is the architect. Plans may be obtained from the Superintendent of Construction, Room 9 City Hall, Alameda. The bid of Herman Bosch of San Francisco at \$75,000, was rejected by the City attorney on account of a slight technicality.

BELL, Los Angeles Co., Calif.—Willard-Brent Co., 254 E. 27th St., has a contract at \$150,000 on the extension of present 300-room high school bldg. at Bell for the Huntington Park Union high school dist.; Thomas A. Williams, 200 Western Bldg., Los Angeles, is low bidder on the other contracts were: Jack E. Lee, Co., Long Beach, on wiring at \$10,700; H. H. Mann on painting at \$5096 with an addition of \$2500 for alternate A; F. A. Zorn, Downey, on plumbing at \$17,567; Arthur Hess Corp. on steam heating at \$13,500; and Bishop Furniture Mfg. Co. on cabinet work and fixtures at \$6032 and on equipment at \$11,806. Bids taken under subitem.

Willard-Brent Co. bid, \$193,990; (a) deduct for omitting laboratory equipment, \$12,148; (b) deduct for omitting cabinet work, \$626; (c) deduct for omitting athletic field, \$5837; (d) deduct for substituting steel toilet partitions for marble, \$4139.

LEMOORE, Kings Co., Cal.—Until Nov. 20, 7 P. M., bids will be rec. by trustees of Lemoore Union High School District to furnish and install electric lighting, school desks, auditorium chairs, office equipment, metal lockers, etc., in new high school. Additional information obtainable from clerk of district.

SAN FERNANDO, L. A. Co., Cal.—Archts. Kreppl & Erkes, Bradbury Bldg., L. A., are compiling plans for a 1-story and part 2-story school bldg. at the O'Melveny St. school site, O'Melveny St. and Chatsworth, near San Fernando, for bd. of educ. 10 class rooms, offices and auditorium to seat about 500. Brick walls, sel. com. br. facing, tile rfg., part basement, maple and cem. fls., reinf. cem. stair and corridor constr., pine trim, slate blackbds; \$110,000.

PASADENA, L. A. Co., Cal.—Pasadena School Ed. has retained Archts. Allison & Allison, 1405 Hilbernan Bldg., Los Angeles, to prepare plans for additions to Washington elementary school (10-room brick and 5 class rooms auditorium and cafeteria; cost \$120,000) and Archts. Cyril J. Bennett and Fitch H. Haskell, 600 Security Bldg. Pasadena, to prepare plans for Madison school addition. O. W. Ott will probably prepare plans for heating and ventilating for Longfellow school, and Ellis Lee Ellingwood will design same work for new administration bldg.

BANKS, STORES & OFFICES

Contract Awarded. Cost, \$22,140
EXCHANGE BLDG.
OAKLAND, N. E. 14th St. W. 96th Ave.
Bldg addition to exchange building.
Owner—Pacific Telephone & Telegraph Co., 807 Sheldon Bldg., S. F.
Architect—E. V. Cobby, care owners.
Contractor—W. G. Thornally, 357 12th St., Oakland.

Plans Being Prepared — Contract Awarded. Cost, \$350,000
STORE BLDG.
SAN FRANCISCO. Market and Fulton Sts. Cor.
12-story and basement Class A store and office building, 94x116 (granite and terra cotta exterior).
Owner—F. W. Leis.
Architect—Powers & Ahnden, 460 Montgomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg., San Francisco.

Contract Awarded. Cost, \$23,425
OFFICE BLDG.
REDWOOD CITY, San Mateo Co., Cal.
Fronting on Main, Heller and Maple Streets.
One-story reinforced concrete auto sales, machine shop, stores and offices (site 110x26x36).
Owner—Dessin Bros., Main and Donnelly Sts., Burlingame (Dodge Agents).
Architect—Kuhn & Edwards, 833 Market St., San Francisco.
Contractor—L. Diognardi, 319 Highland Ave., San Mateo.

TRADE MARK

JOHNSON

RIPSAWING CUT-OFF MACHINE

COUNTERPOISED

FAST

SAFE

POWER

SPEED

ON THE SQUARE

CONVENIENT

DYNAMIC BALANCED

JOHNSON SAFETY SAW WORKS

SAN FRANCISCO. CALIFORNIA

20 STILLMAN ST.

1924

Plans Being Prepared.
STORE BLDG. Cost, \$40,000
SAN FRANCISCO, S Market near Brady Street.
One-story brick store bldg (8 stores.)
Owner—Ackerman & Harris, Phelan Bldg., San Francisco.
Architect—W. L. Schmolle, Russ Bldg., San Francisco.
Bids will be taken next month.

Plans Being Prepared.
STORE BLDG. Cost, \$15,000
BERKELEY, Alameda Co. Cal.
One-story reinforced concrete store bldg, 100 x 100, 6 stores.
Owner—Not given.
Architect—Chas. W. McCall, Alameda Co. Title & Insurance Bldg., Oakland.
To be done by day's work.

Completing Plans.
ALTERATIONS Cost, \$75,000 to \$100,000
SAN FRANCISCO. No. 560 Mission Street.
Extensive alterations to five-story Class C brick and steel store and loft building.
Owner—Dazliel Estate.
Architect—Willis Lowe, Monadnock Bldg., San Francisco.
The entire interior will be torn out and rebuilt. Plans will be ready for figures in about a month.

Plans Being Figured.
STORE BLDG. Cost, \$15,000
SAN FRANCISCO. Fillmore and Fulton Streets.
One-story and basement reinforced concrete store building (6 stores).
Owner—H. F. Ramaciotti, 228 Montgomery St., San Francisco.
Architect—Willis Lowe, Monadnock Bldg., San Francisco.
Bids are being taken for a general contract.

Bids to be Called For This Week.
STORE BLDG. Cost, \$12,000
MARTINEZ, Contra Costa Co., Cal.
Main and Las Juntas Streets.
One-story brick store building, 37x100.
Owner—M. J. Jones, Balfour Bldg., San Francisco.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Contract Awarded.
SHOP & OFFICES Cost, \$20,000
SAN FRANCISCO. NE Fourth and Welsh Streets.
One-story and mezzanine floor Class C shop and offices.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., S. F.
Architect—E. E. Weihe, Sharon Bldg., San Francisco.
Contractor—Geo. Wagner, Inc., 181 So. Park St., San Francisco.

Plans Being Figured—Bids Close Nov. 21, 1924, 4:30 P. M.
STORE BLDG. Cost, \$12,000
MARTINEZ, Contra Costa Co., Cal.
Main and Las Juntas Streets.
One-story brick store building, 37x100.
Owner—M. R. Jones, Balfour Bldg., San Francisco.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.
Bids are being taken for a general contract and will be opened in Mr. Narbett's office.

LOS ANGELES, Cal.—Archts. Gable & Wyant, 634 S. Western Ave., have completed plans and will take segregated bids latter part of this week for all work except foundation for part 1 and part 2-story class C bldg. at s.e. cor. 3rd and Catalina Sts. for Burton & Co., 998 S. Western Ave. It will contain stores, shops, offices and apts.: 70x15 ft., mezzanine fl., brick constr., stucco ext., stone trim, tile and comp. rff., orn. iron, plate glass and metal' fronts, gas radi, cem. and hardw. fls.; \$45,000.

LOS ANGELES, Cal.—The Hill and Eighteenth Sts. Bldg. Co., S. L. Mackey, L. C. Christy and H. Kennedy, care of Corporation Service Co., 901 Market St., Wilmington, Del., has secured through Metzler & Co. of Calif., 727 S. Spring St., a 98-year lease on n.w. cor. 18th and Hill Sts. It is reported that a fire-proof business bldg. will be erected on the site within 6 to 12 months.

SAN FRANCISCO, Cal.—The following contracts have been awarded for the 17-story Class A office building now under construction on the southeast corner of Market and Beale streets for the Pacific Gas & Electric Co. Bakerwell & Brown, 251 Kearny street, are the architects.
Glazed tile to Mangrum & Otter at approximately \$6,000.
Linoleum—D. N. & E. Walter & Co., 562 Mission St., at approx. \$20,000.
Hardware—Palace Hardware Co., at approx. \$15,000.

LOS ANGELES, Los Angeles Co., Cal.—Meyer & Holler, Wright & Callender Bldg., will prepare plans for neighborhood class A office bldg. at e. cor. 6th and Olive Sts. for King C. Gillette. Leases on the present structure do not expire for about 5 years.

THEATRES

Contract Awarded.
THEATRE Cost, \$30,000
RIO VISTA, Solano Co., Cal., Main St. (New Vista Theatre)
Brick Theatre 40 x 100.
Owner—Paul Weiss, Rio Vista, Cal.
Architect—Not given.
Contractor—Chas. F. Mabrey, Ochsner Bldg., Sacramento.

Sub-Figures Being Taken.
THEATRE BLDG. Cost, \$75,000
SAN FRANCISCO, Market St. opposite Crystal Palace Market.
Two-story reinforced concrete theatre bldg., 400 seat capacity.
Owner—Crystal Theatre (Wm. B. Wagner)
Architect—Rousseau & Rousseau, 1171 Market St., San Francisco.
Sub-figures are being taken on concrete work, reinforcing steel, electrical work, plumbing, painting, plastering, etc.

Contracts Awarded.
THEATRE Cost, \$—
MOUNTAIN VIEW, Santa Clara Co., Cal.
Two-story reinforced concrete store, office and theatre building.
Owner—C. Hartley and F. Campen.
Architect—A. A. Cantin, 68 Post Street, San Francisco.
General Contract to Minton Co., Mt. View \$29,820.
Painting to Wm. Bernstein, Hearst Bldg., S. F., \$792.
Electrical work to M. E. Ryan, Redwood City at \$—.

LOS ANGELES, Cal.—Arch. Richard D. King, 519 Van Nuy Bldg., is preparing plans for a theatre, store and office bldg. on Vermont Ave. s. of Beverly Bldg. for the Choctaw Theaters, Inc.; reinf. conc., 2-story, comp. rff., press. br. and terra cotta, plate glass, cem. tile and hardw. fls., marble wk., vtg. sys., pine trim, stores, lobby and theatre on first fl. with offices above; \$150,000.

LOS ANGELES, L. A. Co., Calif.—Lawrence McConvey, 310 W. Washington St., is preparing plans for a 2-sto. class A theatre, on S. Main St., for G. A. Gill; it will have a seating capacity of 1000 people, 2 stores and 4 office suites; reinf. conc., press. br., facing, plate glass, comp. rff., cem. and hardw. fls., part basement, 60x130 ft., pipe organ, tile wk., stage, sprinkler sys., fan sys. of vtg.

GLENDAL, Los Angeles Co., Cal.—J. H. Woodworth & Son, 200 E. Colorado St., Pasadena, will start work at once on 2-story Class C building at 112 E. Colorado St. for Glendale Ice Co., Rhodigas, 900 E. Colorado St., Glendale. Theatre seating 900, 4 stores and apartments, 8x191 ft., brick walls stucco exterior, composition roof, steel truss, stone trim, iron balconies. Cost, \$100,000. Kenneth A. Gordon is the architect, 200 E. Colorado St., Pasadena.

WHARVES AND DOCKS

SAN FRANCISCO—See "Factories and Warehouses," this issue. Bonds sold.

OAKLAND, Cal.—See "Factories and Warehouses," this issue.

TACOMA, Wash.—St. Paul and Tacoma Lumber Co., Everett G. Griggs, president, plans early construction of \$500,000 private lumber wharf at Tacoma. In addition to wharves, company will dredge 265 ft. waterway for 1200 ft. Two 20-ton electric cranes will be installed.

HUNTINGTON BEACH, Cal.—\$100,000 bond issue for extension to municipal wharf failed to carry at recent election.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO — The Board of Park Commissioners of the City and County of San Francisco opened bids on Oct. 31st for the construction of a comfort station at the Chain of Lakes in Golden Gate Park. Plans were prepared by Architects Weeks and Day, 315 Montgomery street. Bids were taken under advertisement and are as follows:
Kelley and Nemetz, 180 Jessie St., San Francisco\$6718
F. R. Siegrist & Co. 6977
Vannucci Bros. 6999
Barrett and Hulp 7700

SAN FRANCISCO — California Steel Co., Inc., 2nd and Harrison Sts., Oakland, at \$29,640 submits low bid to Bd. Pub. Wks. to furnish, deliver and erect steel bus structures for Main Creek Power plant, Hetch Hetchy project. Other bids were:
Pacific Coast Engr. Co.\$34,320
J. G. Bell, Berk Co. 31,800
Hudson Mfg. Co. 38,740
Pacific Roll Mill Co. 40,716
Boston Iron Wks. 48,100

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advantages, 1000 Market St., Room 115 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1400—New York City. Manufacturers of high grade line of centrifugal and rotary blowers and exhausters, stationary and heavy duty portable vacuum cleaners and other pneumatic specialties want sales engineering organization to act as their local representative.

D-1401—Pittsburgh, Pa. Engineering and contracting firm offers exclusive sales their kerosene locomotive and complete line of elevating and conveying machinery to engineer with good reputation as salesman. Commission basis.

D-1402—Chino, Calif. Firm wants to get in touch with concerned engineers, new and used centrifugal pumps from 12 to 20 inches for pumping water from rivers, also steam engines 100 to 200 H. P.

D-1406—Derby, Conn. Metal goods manufacturers want to make connection with reputable manufacturers' sales agents to handle their new insulated wire amateur radio receiver wiring on the Coast. Commission basis.
3688 — United Kingdom. A firm of specialists in high speed engines is desirous of appointing an agent in San Francisco for the sale of their manufactures. Illustrated pamphlets of these engines and particularly of skin splitting machine on file with the San Francisco British Consul.

3685—Hamburg, Germany. Trading company wishes to act as buying agents for San Francisco importers of German goods and also desires to purchase California products and manufactures. Illustrated pamphlets of goods throughout Germany for San Francisco manufacturers or exporters.
3692—Bombay, India. Import and export house desires to obtain the agency for California products.

Official Proposals

NOTICE TO BIDDERS

San Rafael—Blackboards and Lockers

Bids will be received by the Board of Education of the City of San Rafael for furnishing and installing about 6,480 square feet of blackboard in the new San Rafael High School and furnishing and installing approximately 250 steel Book Lockers 12 inches by 12 inches by 36 inches and approximately 250 steel Athletic Lockers in the new High School Building.

All bids must be entered on or before 9:00 p. m., Nov. 18 at the office of the Secretary of the Board in the High School building and in accordance with the plans and specifications on file in said office.

All bids must be accompanied by a certified check for one-tenth of the amount bid and made payable to the Secretary of the Board of Education of the City of San Rafael.

Signed: OLIVER R. HARTZELL, Secretary.

NOTICE TO CONTRACTORS

(Lathing & Plastering, Alameda High School)

OFFICE OF THE SECRETARY OF THE BOARD OF EDUCATION OF THE CITY OF ALAMEDA.

NOTICE IS HEREBY GIVEN that the Board of Education of the City of Alameda, and of Alameda High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, City Hall, Alameda, California, until Tuesday, the 18th day of November, 1924, at 8 o'clock P. M., at which time said bids will be opened for all the labor and material necessary for the lathing and plastering work on the new building to be used in connection with the present Alameda High School Building. Said building will be located on the block bounded by Central Avenue, Oak Street, Alameda, Avenue and Walnut Street Alameda, California. These bids shall be presented in accordance with plans and specifications for said work on file in the office of the Superintendent of Construction for the Board of Education, Room Number 9, City Hall, Alameda, California.

On a deposit of Twenty-five (\$25.00) Dollars plans and specifications for said work may be had by any bidder on application to said Superintendent of Construction at his office hereinbefore mentioned and may be retained for seven (7) days.

Plans and specifications are not returned to the Superintendent of Construction within the time above specified, or are returned in a mutilated or damaged condition, the deposit shall be retained by the said High School District as agreed and liquidated damages for said mutilation or detention, and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Superintendent of Construction, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to C. J. Du Four, Secretary of the Board of Education of the City of Alameda, and of Alameda High School District of Alameda County, to be retained by the said High School District as agreed and liquidated damages should the party or parties to whom the contract is awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. Only surety bonds will be accepted by said Board. The amount of said check shall not exceed Five Thousand (\$5,000.00) Dollars—but for all bids of less than Fifty Thousand (\$50,000.00) Dollars — said

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed and obtained from the Superintendent of Construction.

Bids will be opened by the Board of said District on Tuesday, the 18th day of November, 1924, at eight o'clock P. M. in the Board Room No. 9, Second Floor of said City Hall, in said City of Alameda. The Board reserves the right to reject any and all bids or any or all items of such bids.

C. J. DU FOUR, Secretary of the Board of Education of Alameda, California.

NOTICE TO CONTRACTORS

Storehouse and Quarters, Pearl Harbor

Sealed bids are wanted until 11 A. M., December 23, by the office of the Chief of the Bureau of Yards and Docks, Navy Department, Washington, under Spec. 5003, for storehouse and quarters at the naval operating base (hospital), Pearl Harbor, T. H. The work includes plain and reinforced concrete, brick, hollow tile, steel and iron, steel sash, asbestos single and rolling steel doors, lathing and plastering, stucco, wood framing, doors, sash, trim and flooring, electric freight elevator and sprinkler, plumbing and electric lighting system; deposit of \$10 required for plans and specifications.

NOTICE TO CONTRACTORS

(U. S. Veterans' Hospital, San Fernando, Calif.)

SEALED PROPOSALS, marked "Proposal for Construction of Buildings and Utilities, San Fernando, California," will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11:00 A. M., December 9, 1924, and then are publicly opened for the construction complete of Semi-Ambulant Building, Infirmary, Men's Ambulant Building, Administration Building, Women's T. E. Building; Women's General Medical Building, Recreation Building, Garage, Storehouse, Laundry, Attendants Quarters, Nurses Quarters, Junior Officers Duplex Quarters, Senior Officers Duplex Quarters, M. O. C.

Quarters, Gate House, Septic Tank and House, Steel Water Tank and Concrete Dam. This work will include reinforced concrete construction, hollow tile, metal lathing, tile and built-up roofing, marble work, floor tile, carpentry, iron-work, steel sash, plastering, painting, glazing, glazing, plumbing, heating and electrical work, electric elevators and outside service connections. Separate Proposals will be received for Building Construction, Plumbing, Heating, Electrical Work, Elevators and Refrigerating Plant, all as set forth on proposal sheet. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards, the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 791, Arlington Building, Washington, D. C., or to Wm. H. Radcliffe, U. S. Veterans' Hospital No. 102, Livermore, California. Deposit with application of a check or postal money order for \$100 payable to the TREASURER OF THE UNITED STATES is required as security for safe return of the drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director,
October 30, 1924

NOTICE TO CONTRACTORS

(Garage—Pt. St. George)

SEALED PROPOSALS, indorsed "Proposals for Garage at Radio Compass Station, Point Saint George, California, Specification No. 5038, will be received at the Public Works Office, Navy Yard, Mare Island, California, until 11 o'clock A. M., November 19th, 1924, and then are publicly opened, for a garage at Radio Compass Station, Point Saint George, California. The building will have a concrete foundation, concrete floor, wood frame, wood siding, wood shingle roofing, work benches, sliding doors, casement sash and a complete electric lighting system. Specification No. 5038 and accompanying drawings may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, California. Deposit of a check or postal money order for \$100.00, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. L. E. GREGORY, Chief of Bureau, October 25, 1924.

1923 SAFE-VAULT PRODUCTION

The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of safes and vaults reported, such products valued at \$18,977,298, together with other classes of products valued at \$124,016, making a total of \$19,101,314, a decrease of 3.2 per cent as compared with 1921, the last preceding census year. The principal products of establishments covered by this classification are fire-proof and burglar-proof safes, vaults, chests, safe-deposit boxes, and steel burial vaults.

Of the 34 establishments reporting for 1923, 18 were located in Ohio, 4 in New York, 3 in Pennsylvania, and the remaining 9 in California, Illinois, Indiana, Iowa, Kentucky, Maryland and Missouri.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

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General Listing Bureau

Architect's Preliminary Estimates

Engineering News Section

BRIDGES

SANTA ANA, Cal.—Bids to construct bridge across Newport Bay rejected by supervisors; work will be done by day labor under direction of J. L. McBride, co. rd. comm. County Purch. Agent F. W. Slabaugh will purchase materials.

VISALIA, Tulare Co., Cal.—Until Nov. 20, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to const. rein. conc. bridge over Mill Creek (Bridge No. 75) involv. 114.39 cu. yds. A and 16.30 cu. yds. B conc. Material to be furnished by county f. o. b. Visalia. Cert. check 5% req. with bid. Plans obtainable from County Surveyor Laurence A. Moyer on deposit of \$10, returnable.

NEVADA COUNTY, Cal.—Bids will be asked shortly by State Highway Commissioner, R. M. Morton, engineer, to const. bridge in Nevada county, about 1½-mi. east of Summit, will be rein. conc. composed of one 110-ft. arch span and two 40-ft. girder spans 24-ft. wide with necessary approach fills. Commission suggests that prospective bidders view the site of the bridge in order to properly examine the ground and the time of advertising for bids, the ground may be covered with snow so as to prevent thorough examination.

SACRAMENTO, Cal.—T. H. and M. C. Polk, at \$7829 awarded cont. by supervisors to const. conc. bridge over Arcade Creek at Marysville road.

DREDGING, HARBOR WORKS AND EXCAVATIONS

TRACY, San Joaquin Co., Cal.—Olympic Dredger Co. and the Caledonian Dredger Co., 249 1st St., San Francisco, submitted two low bids for dredging ditches and intake canal for the Santa-Carolina Irrig. Dist., near Tracy. Taken under advisement.

TACOMA, Wash.—See "Wharves and Docks" this issue. Construction planned by St. Paul and Tacoma Lumber Co.

TRACY, San Joaquin Co., Cal.—Caledonian Dredging Co., Merchants Exchange Bldg., San Francisco, awarded cont. by Santa-Carolina Irrig. Dist., Tracy, for dredging from river to river road, involv. 275,000 cu. yds. at 10c yd.

MODESTO, Stanislaus Co., Cal.—Geo. K. Poulos, Sacramento, at \$6995 awarded cont. by Modesto Irrigation Dist. to excavate approx. 1000 yds. earth and rock from canals and place approx. 450 cu. yds. conc. in bottom and sides of canal sand, cement and rock to be furnished by dist. Other bids were Carlson Bros., Turlock, \$8055.50; H. E. MacAuley, San Francisco, \$8132.25.

EMERYVILLE, Alameda Co., Cal.—Paraffine Companies, Inc., has purchased 10 additional acres for plant expansion and plans fill and dredging improvements costing \$65,000.

AVALON (Catalina Island)—Until 1:30 p. m., Nov. 28, bids will be rec. by City of Avalon, Santa Catalina Island, for 2 landing floats. Cert. cashier's chk. for 2% or bond for 10%. Plans on file with Ethel D. Kilgour, city clerk, Avalon.

IRRIGATION PROJECTS

VENTURA, Cal.—Nov. 24 set as protest date for two drainage dists. for which petitions have been presented to supervisors.

LIGHTING SYSTEMS

VENICE, Calif.—Bond election for \$50,000 to finance installation of street lighting system, is contemplated by city council.

LOS ANGELES, Cal.—J. C. Rendler, Inc., 625 S. Main St., awarded cont. at \$156,777 for light sys. in Sunset Blvd., bet. Hollywood Blvd. and Vista St. Fritz Ziebarth, 502 E. Anaheim, Long Beach, awarded cont. at \$3348 for light sys. in Deane Ave., bet. Wilshire Blvd. and Country Club Dr., and in portion of 9th St.

LONG BEACH, Cal.—Jensen Elec. Co., 114 W. 7th St., Long Beach, awarded cont. at \$9900 to install ornam. light sys. in Ocean Blvd. bet. 39th Pl. and Terminal Ave., etc.

LOS ANGELES, Cal.—Council orders installation of light sys. in Main St., bet. 36th Pl. and 57th St.; 159 pressed steel posts; 1911 act.

ORANGE, Cal.—Council petitioned to install ornam. light sys. in West Chapman Ave., bet. Santa Fe R. R. and Main St.

GLENDALE, Cal.—Council declares inten. to install light sys. in Los Feliz Rd., bet. S. P. Ry. and Glendale Ave.; 1911 Act. A. J. Van Wye, city clerk, John F. Johannsen, city engineer.

LOS ANGELES, Cal.—H. H. Walker, 1800 W. 12th St., submitted low bid at \$8160 (\$240 for removing trees), to bd. pub. wks. for ornam. light sys. in Western Ave., bet. Franklin Ave. and Hollywood Blvd.

LOS ANGELES, Cal.—Council declares inten. to install light sys. in: Orange Dr. bet. Sunset and Santa Monica Bldgs.; 26 pressed steel posts. Detroit St., bet. Sunset Blvd. and Fountain Ave.; 13 conc. posts. Mullen Ave., bet. Wilshire Blvd. and Country Club Dr.; 21 conc. posts. June St., bet. Willoughby and Melrose Aves.; 14 conc. posts.

PETALUMA, Sonoma Co., Cal.—No bids rec. Nov. 3 by council to fur. 10 electrolier standards; new bids have been called. Spec. obtainable from G. V. Roberts, city clerk.

SAN MATEO, San Mateo Co., Cal.—City council plans early installation of electrolier system in 3rd Ave., bet. 13th and state highway; 22 standards in all; est. cost, \$3500.

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Goggles—Respirators
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MERCED, Merced Co., Cal.—Until Nov. 17, bids will be rec. by W. W. Cornell, city clerk, (No. 385) to install rein. conc. electroliers with wires, pipes, conduits, lamps, etc., in 23rd St., bet. G and N Sts. 1911 Act & Bond Act 1915. Plans on file in office of clerk.

MACHINERY & EQUIPMENT

ANAHEIM, Cal.—Until Nov. 13, bids will be rec. for fire truck, automatic street sweeper, power lawn-mower, and 2500 bbls. road oil. J. W. Price, city engineer.

MODESTO, Stanislaus Co., Cal.—Moreland Sales Corp., 237 East Miner Ave., Stockton, at \$3170.75 submits low bid to council to fur. one 2½-ton capacity auto truck, complete with closed cab and power pumped body. Other bids:

International Harvester Co., Modesto	\$4049.75
General Motors Truck Co., 215 Van Ness Ave., S. F.	3995.46
Fred F. Webber, 1502 10th St., Modesto	4293.75
M. M. Shelly, 705 10th St., Modesto	4285.00
The White Truck Sales Co., 253 J St., Fresno	4155.00
MacK International Motor Truck Corp., 11th & Howard Sts., San Francisco	4112.39

MODESTO, Stanislaus Co., Cal.—M. M. Shelly, 705 10th St., Modesto, at \$7895 submits low bid to council to furnish one auto combination flusher and sprinkler with 1500-gal. tank on 5-ton truck. Other bids, taken under advisement, were:

Moreland Sales Corp., 237 East Miner Ave., Stockton	\$8245.50
General Motor Truck Co., 515 Van Ness Ave., S. F.	8763.40
Fred F. Webber, 1502 10th St., Modesto	8531.30
The White Truck Sales Co., 253 J St., Fresno	9702.50
MacK International Motor Truck Corp., 11th & Howard, S. F.	8392.68
International Harvester Truck Corp., Modesto	8060.75

MODESTO, Stanislaus Co., Cal.—Stuart S. Smith Co., 625 Market St., San Francisco, at \$7180 submits low bid to council to furnish one auto pick-up street sweeper. Other bids, taken under advisement, were:

Austin Mfg. Co., Chicago, Ill.	\$7300
Kimball Motor Truck Corp., 368 Pacific Elec. Bldg., L. A.	8000

SAN JOSE, Santa Clara Co., Cal.—American Laundry Machinery Co., San Francisco, at \$12,922 awarded contract by supervisors to furnish and install laundry machinery in county hospital.

RAILROADS

SAN FRANCISCO—Abeel & Co., 74 New Montgomery St., at \$3967 awarded contract by Constructing Quartermaster, Fort Mason, to construct spur track.

SAN DIEGO, Cal.—Santa Fe Ry., according to Frank Herkelrath, general agent, has started condemnation proceedings for acquisition of additional land in Old Town as site for new freight terminal, classification yard, engine house, repair shop and additional trackage to cost \$750,000. Present yard facilities would be used for handling passenger equipment while freight business would go to new terminal at Old Town. Work will probably not be started until latter part of 1925.

FIRE ALARM SYSTEMS

PENITA, Calif.—City of Penita, Cal., has awarded a contract to install a fire alarm system. The system will consist of 100 bells, 100 sirens and 100 fire alarm boxes. The estimated cost is \$10,000. The system will be installed by the city engineer.

STOCKTON, Calif.—City of Stockton, Cal., has awarded a contract to install a fire alarm system. The system will consist of 100 bells, 100 sirens and 100 fire alarm boxes. The estimated cost is \$10,000. The system will be installed by the city engineer.

PALO ALTO, Santa Clara Co., Cal.—Camwell Fire Alarm Co. has contract with council to fur. and install 10 fire alarm boxes and second fire alarm circuit; est. contract price \$7000.

VENICE, Cal.—City of Venice, Cal., has awarded a contract to install a fire alarm system. The system will consist of 100 bells, 100 sirens and 100 fire alarm boxes. The estimated cost is \$10,000. The system will be installed by the city engineer.

FIRE EQUIPMENT

SANTA CRUZ, Santa Cruz Co., Cal.—Pascarella Co., at \$12,000, has a three count, awarded cont. by council to furnish motor pump for fire dept.

EL CERRITO, Contra Costa Co., Cal.—City trustees contemplate bond issue for \$19,000 to finance installation of fire engine and signal system.

LOS ANGELES, Cal.—Seagrave Co. submitted low bid at \$11,550 for 3 pump engines for fire dept.; spec. 1017. Other bids: American-La France Fire Engine Co., \$13,000; Stutz Fire Engine Co., \$14,250.

RESERVOIRS AND DAMS

SANTA BARBARA, Cal.—City Mgr. Herbert Nunn recommends raising Big Dalton dam 40 ft., increasing the storage capacity from 16,000 ac. ft. to 36,000 ac. ft.

LOS ANGELES, Cal.—County flood control dept. preparing plans for the Big Dalton and Seward dams. The Big Dalton dam is to be a multiple arch type dam, 110 ft. high, of coner. constr.

bet. Glendora and Baldwin Park. Est. cost, \$1,000,000. The project will be completed by the city engineer.

MISCELLANEOUS SUPPLIES

RIALTO, Cal.—Until 7:30 p. m., Nov. 11, bids will be rec. to const. coner. reservoir. Plans obtainable from city clerk on deposit at \$1.00. City engineer, C. L. Stewart, city clerk.

PIPE LINES, WELLS, ETC.

W. A. Rice, city engineer, has a contract with the city to install a water supply system. The system will consist of 100 pipes, 100 wells and 100 water supply lines. The estimated cost is \$10,000. The system will be installed by the city engineer.

SAN FRANCISCO, Cal.—Western Pipe & Steel Co. awarded cont. at \$91,652.86 for riv. steel pipe for the Devil Canyon water project; pipe ranges from 6-in. to 24-in. diam., and includes about 20,000 ft.

Chapman Valve Mfg. Co., awarded the contract for water valves. The contract is for 100 valves, 100 ft. of pipe and 100 ft. of flange. The estimated cost is \$10,000. The contract will be completed by the city engineer.

SAN FRANCISCO—Until Nov. 10, 11 a. m., bids will be rec. by U. S. Engineer Office, 55 2nd St., under Order No. 5631-545-50, to fur. and del. Rio Vista Solano county, ca. approx. 1000 lin. ft. of punton pipe, 20 in. inside dia. of ½ in. high carbon steel and in 40-ft. lengths, weighing approx. 32 lbs. lin. ft.; (b) 5000 lin. ft. of shore pipe, 20 in. in dia., 3/16 in. high carbon steel, in about 15-ft. lengths weighing approx 32 lbs. lin. ft.

MONTEREY PARK, Cal.—Lae, Pipe & Supply Co., 1002 S Santa Fe Ave., Los Angeles, awarded cont. at \$1732.90 for 2600 ft. 4-in. class "E" cast iron pipe water pipe. Other bids: U. S. Cast Iron Pipe & Fdy. Co., \$1545.28 (sand-cast) and \$1474.46 (De Lavalud), shipment in Nov; Grinnel Co., \$1820.

PALO ALTO, Santa Clara Co., Cal.—Western Well Works awarded cont. by council to drill two wells for water supply; bid is \$10.50 ft. depth of 200 to 300 ft.

SEWAGE DISPOSAL PLANTS

SANTA BARBARA, Cal.—Until 10 A. M., Nov. 19, bids will be rec. for (1) mechanical comminutor, food waste disposer, pump and screen plant for sewage disposal. Plant to consist of hollow tile and coner. bldg. with 4500 cu. yds. excav., 2382 14-in. 470 ft. 18-in. and 675 ft. 24-in. vit. pipe; 3 manholes. Plans and spec. on file at office of City Engr. Cert. chk., 10%. Deposit \$10. Herbert Nunn, city manager.

HUNTINGTON BEACH, Cal.—\$20,000 disposal plant bond issue defeated at recent election; \$10,000 storm drain issue also defeated.

CORONA, Cal.—Currie Engr. Co., instructed to prepare plans for new sewer extensions and sewage disposal plant to be built under the recent \$100,000 bond issue.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Board of Supervisors authorize expenditure of \$200,000 from 1924-25 tax on good roads to defray portion of city's one-half cost of constructing Eureka Valley tunnel under Mount Olympus connecting Sunset and Mission districts; city's total share of cost is \$1,600,000, the balance to be furnished by property owners. M. M. O'Shaughnessy, city eng.

LOS ANGELES, Cal.—Until 2 P. M., Nov. 14, bids will be rec. for 2 250 cu. yd. new wooden barges; spec. 657 on file at office of harbor engr., berth 90, San Pedro.

TAFT, Kern Co., Cal.—Until 8 p. m., Nov. 10, bids will be rec. by C. A. Page, city clerk, for garbage and refuse disposal incinerator. Cert. or cash, check or bond, 10%. Plans obtainable from city engr. on deposit of \$5, returnable.

VENICE, Cal.—Bond election for \$18,000 to finance construction of subway is contemplated by city council.

HUNTINGTON BEACH, Cal.—Bond issues for municipal improvements amounting to \$242,000 defeated at recent election.

WATER WORKS

LONG BEACH, Cal.—Fire Chief G. C. Crav recommends \$1,000,000 bond issue for a high-pressure salt-water system for fire protection.

LOS ANGELES, Cal.—Wayne Tank & Pump Co., 135 W. Washington St., awarded cont. at \$1025 for tanks, pumps, etc., under spec. 1019; deliv. 15 days.

PHOENIX, Cal.—Until 10 A. M., Nov. 12, bids will be rec. by City Mgr. V. A. Thompson for 294 lin. ft. 30-in. coner. pipe (complete) and for coner. stand-pipe, on 15th Ave., bet. Madison and Jefferson Sts. Plans on file at office of city engineer. Depos. or bond, 10%.

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OAKLAND, Cal.—See "Factories and Warehouses," this issue.

EL CENTRO, Cal.—Until 12:30 p. m. Nov. 11, bids will be rec. by E. W. Harrison, 1015 E. 1st St., for: 1. 12-in. iron pipe (1000 yds. fittings) as follows: 2200 ft. 12-in., 1000 ft. 11-in., 4720 ft. 10-in., 4416 ft. 8-in., 5504 ft. 6-in., 2500 ft. 4-in. pipe. Items 7 and 8-A, Schedule B.

Labor to install water mains. Above work for new waterworks sys. James A. Schonfeld, acting city clerk.

OAKLAND, Cal.—City votes bonds of \$39,000,000 to finance construction of municipal water systems; waters to be taken from Mokelumne river. W. W. Harrison, 1015 E. 1st St.

OAKDALE, Stanislaus Co., Cal.—City trustees will ask bids at once, to be opened about Dec. 1, to fur. and install pumping plant in southern section of city. Geo. Macomber, city engineer.

FRESNO, Fresno Co., Cal.—E. W. Harrison, 1015 E. 1st St., awarded contract for 2000 ft. of 12-in. iron pipe line at Old People's Home and General Hospital.

SEATTLE, Wash.—Until Nov. 14, 10 A. M., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. and install 2 pumping units. Spec. obtainable from above office.

TERRA BELLA, Tulare Co., Cal.—Until Dec. 2, 10:30 A. M., bids will be rec. by Earle R. Clemens, Secretary, Terra Bella Irrigation District, to fur. and install one 1500-bbl. steel water tank; bidders to submit plans and specifications. Cert. check 5% payable to dist. req. Additional information obtainable from Secretary.

SAN FRANCISCO—H. G. Thiele, New Call Bldg., San Francisco, at 2290 Broadway, awarded Contracting Quartermaster, Fort Mason, to extend water mains at Fort Mason.

ALHAMBRA, Cal.—Council declares intent to install 6-in. ci. water mains in Curtis Ave., from Mission Rd. to a point 150 ft. s. of Commonwealth Ave. R. B. Wallace, city clerk.

LIVINGSTON, Merced Co., Cal.—City trustees will call election shortly to vote bonds of \$55,000 to finance construction of water system; 50,000 gal. steel tank, complete circulating system; 2 pumps; one 150-gal. and one 1000-gal. per min. will be installed. A. E. Cowell, Merced, is engineer.

COSTA MESA, Calif.—Until Nov. 21, 2 p. m., bids will be rec. by Roy L. Davis, secy., Nevada Heights Irrigation District, to fur. and install pumping unit in 16-in. well. Cert. check 10% payable to district req. Additional information obtainable from clerk.

PLAYGROUNDS AND PARKS

County Surveyor J. R. Thornton is preparing specifications to beautify grounds of welfare center at county hospital grounds comprising approx. 27 acres.

BAKERSFIELD, Kern Co., Cal.—BEVERLY HILLS, Cal.—Until 8 P. M. Nov. 10, bids will be rec. to fur. and plant trees, shrubbery, etc., at and around 6 city parcels on land, in accordance with plans and spec. on file at office of B. J. Firminger, city clerk.

PETALUMA, Sonoma Co., Cal.—Board of Education authorizes preparation of specifications for beautifying junior high school grounds; lawns and shrubbery, etc.

SEWERS & STREET WORK

FRESNO, Fresno Co., Cal.—City council, H. S. Foster, clerk, declares intention (No. 23-D) to imp. portions of Ferger Ave., Nevolt, const. of cem. conc. walks, curbs and driveway approaches. 1911 Act. Protests Nov. 20. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Wells & Bressler, 3 Calif. Bank Bldg., Santa Ana, submitted low bid to supervisors Oct. 27 at \$60,866.92 for imp. work in Washington Blvd., bet. Culver City boundary at Walnut Dr. and Venice city boundary at Walnut Ave. and Del Rey St. 2.45 mi. involv. 15,273 cu. yds. excav., 29,444 sq. yds. shaping roadway, 29,444 sq. yds. cem. conc. pav., 19,700 ft. conc. curb. Other bids: L. F. Murphy, \$62,598; Ed. Johnson & Sons, \$74,618. Engrs. est., \$56,775.

Cristich, Mandic & Cristich 309 Douglas Bldg., low at \$30,303 for imp. work in Ritzgen Ave. and other streets, 2.04 mi. under Co. Imp. No. 73, involv. 849 cu. yds. excav., 14,939 ft. curb, 60,201 sq. ft. walk, 33,121 sq. ft. gutter, 4897 sq. yds. oil and screenings surf., 2 conc. box culv. Other bids: Gus Morris, \$30,532.90; E. L. Phillips, \$31,223.95; Fry Bros. Constr. Co., \$31,895.54; H. M. Henn ng, \$32,331.92; Chas. T. Salata, \$32,426.67; C. R. Snow, \$33,269.66. Engrs. est., \$34,556.25.

Basich Bros. Co., 2103 W. 28th St., low at \$22,936.91 for imp. work along Chevy Chase Dr. 7295 cu. yds. excav. incl. trees; 5570 ft. curb; 11,938 sq. yds. conc. pav.; 270 cu. yds. conc. in storm drain, incl. reinf. steel; 35 cu. yds. conc. in retaining wall for stream inlets; 140 ft. guard fence. County furnishes 408 bbls. cem. and freight on sand and gravel amounting to 105 tons. Con. Co., \$231. Other bids: J. P. Murphy, \$30,047.31; O. K. Hearte, \$33,351.55; Breedlove Bros., \$38,755.26; Gibbons & Reed Co., \$46,491.70. Engrs. est., \$24,467.55.

GLENDALE, Cal.—Until 10 A. M., Nov. 6, bids will be rec. to imp. Watson St., Alameda Ave., Mountain St., involv. 25,448 sq. ft. grad., 15,277 sq. ft. 3-in. oil mac. pav., 4916 sq. ft. walks, 14 sq. ft. gut., 1023 ft. class B curb, 10 ft. 12-in. corr. iron pipe drain, 28 ft. wooden header, 324 ft. 8-in. vit. sewer, 1 manhole, 1 flush tank, 18 hse. con., 855 ft. 4-in., and 630 ft. 6-in. class B, C. I. water pipe, 1 6-in. single fire hydrant. Plans on file at office of city engr. John F. Johannsen; 1915 act. A. J. Van Wie, City Clerk.

OAKLAND, Cal.—Hutchinson Co., Hutch. Bldg., Oakland, awarded contract by council to imp. Pleasant St., bet. Fruitvale and Champion Aves., involv. excavation, .45 cu. yd.; conc. curb, .65 lin. ft.; conc. gutter, .25 sq. ft.; oil macadam pavement, .1125 sq. ft.; cem. walks, .14 sq. ft.; 3-in. vit. sewer, .95 lin. ft.; lampholes, .15 ea.; wye branches, .35 ea.

SAN DIEGO, Cal.—Until 10:30 a. m. Nov. 17, bids will be rec. by supervisors for 5-in. conc. pav. on portion of Julian Road 3-A (Ramona Road, Mussey Grade Section), from Mussey's grove to the w. end of the Santa Maria Valley, 3.86 mi. Cert. check or bond \$3. J. B. McLees, clerk; will be about 6 mi. in length, 18 ft. wide.

HUNTINGTON BEACH, Cal.—Council declares intent to imp. Walnut Ave., bet. 1st and 11th Sts. 1½-in. Topeka pav. on 3½-in. asph. conc. base; cem. walks, curbs, corr. iron culv., orn. light sys. (20 posts); 1911 and 1915 acts. E. M. Billings, city engr.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Quesada Ave., bet. Ingalls and Hawes Ave., including crossing of Hawes Ave., involv. 432 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 40 lin. ft. 8-in. ironstone pipe sewer; 3 br. catchbasins; 90 lin. ft. 10-in. ironstone pipe culvert; 23,350 sq. ft. asph. conc. pavement; est. cost, \$7450.

GLENDALE, Cal.—Contracts for Glendale-San Fernando Valley Inter-city Sewer aggregating \$1,285,784 awarded by city trustees to Chas. and Geo. K. Thompson, 701 Brockman Bldg., Los Angeles, Sec. 1 at \$515,000 on Alt. 2, using elliptical monolithic concrete with vit. liners throughout. Sec. 2, at \$343,000 on Alt. 3 using elliptical monolithic conc. with vit. liners throughout, and By-pass at \$31,000, total \$770,000. C. E. Green, conr. for Sec. 2 at \$396,784 on Alt. 3 using elliptical monolithic conc. with vit. liners except where C. I. pipe is designated. Bonds in amt. of \$1,600,000 have been sold; Burns & McDonnell, Cons. Engrs., 415 Marsh-Strong Bldg., Los Angeles.

Secs. 1 and 2 comprise 5487 ft. class A 42-in., 1380 ft. class B and 495 ft. Class C 42-in., 1550 ft. class A 45-in.; 8254 ft. class A 48-in., 4150 ft. class B 48-in.; 10,486.2 ft. 54-in., as follows: 2120 ft. class A, 1336 ft. class B, 4054 ft. class C, 2996.2 ft. class D, 6 spec. m. h.; 9 drop m. h.; 23 stand. m. h.; 90 Y or T connections and caps; 3555 ft. trench to 15-ft. deep for 42-in., 2140 ft. 15-ft. to 20-ft. deep for 42-in., 1190 ft. 20 ft. to 25 ft. deep for 42-in., 410 ft. 25 ft. to 30 ft. deep for 42-in.; 65 ft. over 30-ft. deep for 42-in.; 1450 ft. 15-ft. to 20-ft. deep for 45-in., and 100 ft. 20-ft. to 25-ft. deep for 45-in.; 2834 ft. to 15-ft. deep for 48-in., 5105 ft. 15-ft. to 20-ft. deep, 3353 ft. 20-ft. to 25-ft. deep for 48-in., 835 ft. 25-ft. to 30-ft. deep, 920 ft. over 30-ft. deep for 48-in.; 1815 ft. 15-ft. to 20-ft. deep for 54-in., 2520 ft. 20-ft. to 25-ft. deep for 54-in., 2965 ft. over 20-ft. for 54-in.

By-pass comprises 3130.4 ft. 27-in. vit. or precast conc. pipe, 2500 ft. trench 10-ft. to 15-ft. deep, 630.4 ft. trench 15-ft. to 20-ft. deep, 5 m. h. This by-pass will not be constructed if the East Los Angeles Interceptor is completed by the time the Glendale outfall is finished.

Sec. 2 comprises 1912 ft. 48-in. class A C. I. pipe and spec. fittings, and mono. conc. sewer as follows: 937 ft. class A 42-in., 6860.25 ft. class A 48-in., 4721 ft. class B 48-in., 1250 ft. class C 48-in., 3 spec. m. h., 3 stand. m. h., 34 drop m. h., 5 Y or T connections and caps; 8386 ft. trench 15-ft. to 20-ft. deep for 42-in., 50 ft. deep for 48-in., 6285 ft. 15-ft. to 20-ft. deep for 48-in., 4599 ft. 20-ft. to 25-ft. deep for 48-in., 1300 ft. to 25-ft. to 30-ft. deep for 48-in.

SANTA ANA, Cal.—Until Nov. 17, bids will be rec. by supervisors to imp. streets under R. D. I. on Central Ave., bet. La Mirada Ave. and county line, and ½ mi. asph. conc. pav. on Hacienda Dr. bet. Whittier Blvd. n. to the county line. J. L. McBrice, county road commissioner.

SACRAMENTO, Cal.—Until Nov. 17, bids will be rec. by Harry W. Hall, county clerk, to grade approx. 2 mi. of New Marysville Rd., est. cost, \$1300. Plans on file in office of clerk. Chas. Detering Jr., County Surveyor.

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Building & Engineering News

LOS ANGELES, Cal.—Following are low bidders on different types of construction for each division of Sec. 18, North Outfall Sewer (between Elie Diamond Co. and Maryland Dr. and Sweetzer Ave. and intersection of Camino Real with (present Hrs. Blvd.) using five types: (1) pre-cast pipe, incl. circular brick-conc. with pre-cast pipe made by contr. (2) pre-cast conc. pipe, incl. certain circular brick-conc. with pre-cast pipe made by city. (3) semi-ellip. sewer, (4) circular brick-conc. sewer, (5) circular brick-conc. sewer.

—Martin G. Deane, 40 Douglas Bldg.—Div. A (4353 lin. ft. either 3-ft. 6-in. semi-ellip. or 3-ft. 9-in. circular) type 1, \$30,841; type 2, \$34,000; type 3, \$25,213; type 4, \$21,198; type 5, \$22,750.

—Maglenovich & Gillespie, 1029 W 36th St.—Div. A, type 2, \$44,000; type 3, \$37,000; type 4, \$34,000; type 5, \$21,000.

Following is low bidder on different types of constr. for each division of Sec. 18, North Outfall Sewer (between Elie Diamond Co. and Maryland Dr. and Sweetzer Ave. and intersection of Camino Real with (present Hrs. Blvd.) and of Maryland Dr. with Sweetzer Ave., using five types: viz.: (1) semi-ellip. brick-conc. (2) pre-cast pipe, incl. circular brick-conc. with pre-cast pipe made by contr. (3) pre-cast conc. pipe, incl. certain circular brick-conc. with pre-cast conc. pipe fur. by city. (4) semi-ellip. sewer, (5) circular brick-conc. sewer.

—Maglenovich & Gillespie, 1029 W 36th St.—Div. A (1202 lin. ft. either 2-ft. 3-in. semi-ellip. or 2-ft. 6-in. circular), type 1, \$7,500; type 2, \$10,300; type 3, \$7,400; type 4, \$5,000; type 5, \$4,700.

—Div. B (478 lin. ft. either 2-ft. 3-in. semi-ellip. or 2-ft. 6-in. circular), type 1, \$32,000; type 2, \$43,000; type 3, \$31,000; type 4, \$30,000; type 5, \$38,200.

Following are low bidders on different types of constr. for each division of Sec. 18, North Outfall Sewer (between Elie Diamond Co. and Maryland Dr. and Sweetzer Ave. and intersection of Camino Real with (present Hrs. Blvd.) and of Maryland Dr. with Sweetzer Ave., using five types: viz.: (1) Semi-ellip. brick-conc. (2) pre-cast pipe, incl. circular brick-conc. with pre-cast pipe made by contr. (3) pre-cast conc. pipe, incl. certain circular brick-conc. with pre-cast pipe fur. by city. (4) semi-ellip. sewer, (5) circular brick-conc. sewer.

—Maglenovich & Gillespie, 1029 W 36th St.—Div. A (920 ft. either 2-ft. 3-in. semi-ellip. or 2-ft. 6-in. circular), type 1, \$6,000; type 2, \$8,000; type 3, \$7,000; type 4, \$5,000; type 5, \$4,000.

—Div. B (423 ft. either 2-ft. 3-in. semi-ellip. or 2-ft. 6-in. circular), type 1, \$21,500; type 2, \$20,000; type 3, \$21,700; type 4, \$19,000; type 5, \$21,000.

—R. A. Watts, 1908 Broadway Hill—A, \$55,200; B, \$52,900; C, \$13,146; D, \$12,800; E, \$15,782; F, \$18,135.50.

LOS ANGELES, Cal.—Bids rec. by Ed. Pub. Wks. for pre-cast conc. pipe with vit. clay block lining for Secs. 17, 18 and 19, North Outfall Sewer, were:

Cont. Conc. Pipe Co.—A, \$1.15; B, \$5.20; C, \$5.40; D, \$7.20 (all pipe to be in 4-ft. lengths). Western Conc. Pipe Co.—A, \$5.45; B, \$5.50; C, \$5.55; D, \$6.30 (deliv. to be made at 90 ft. per day contract) shall begin 40 days from date of contract).

Bids rec. for crushed rock or screened gravel for Secs. 17, 18 and 19, North Outfall Sewer, were: Elie Diamond Co.—\$1.40, city to pay frt. from Corona to siding at West 3rd St. and P. E. tracks in Los Angeles; 17 disc. 10th mo. following deliv. Consumers Rock & Gravel Co.—\$1.95 ton, Geo. L. Eastman Co.—\$1.60 ton (deliv. as spec. by truck direct from plant to job sites). Fewel-Webb Co.—\$1.20 per ton (city to pay frt. from Baldwin Park pit to Culver City). Hammond Lbr. Co.—Crushed City, \$1.70; screened gravel, \$1.55. Learmont-Mullin, Inc.—\$1.65 ton. Mayhugh-McGaffey Co.—\$1.70 ton (incl. all frt. charges on mat. shipped by rail). Union Rock Co.—\$1 ton, plus frt. from plants at Rivas, Puente, Largo, Crushton, Calif., to Sherman bunkers and Vineyard Distrib. Sta. (city pays freight).

Bids rec. for sand for Secs. 17, 18 and 19, North Outfall Sewer, were: Elie Diamond Co.—Item A, \$1.10 ton; Item B, \$1.10 (1% disc. paymt. 10th mo. following deliv.; no frt. charges). Con-

sumers Rock & Gravel Co.—A, \$1.45; B, \$1.45; Geo. L. Eastman Co.—A, \$1.15; B, \$1.15 (deliv. as spec. by truck direct from plant to job site). Fewel-Webb Co.—A 99c; B, \$1 (city to pay frt. from Baldwin Park pit to Culver City). Hammond Lbr. Co.—A, \$1.10; B, \$1.10. Learmont-Mullin, Inc.—A, \$1.12; B, \$1.12. Mayhugh-McGaffey Co.—A, \$1; B, \$1.25 (quot. include all frt. charges on mat. shipped by rail). Union Rock Co.—A, \$1.75; B, \$5c (plus frt. from plants at Puente, Largo-Rivas, Crushton, Calif., to Sherman bunkers and Vineyard Distrib. Sta.; city pays frt. company's option, item B, \$1.45 per ton deliv. direct from plants, no frt. included).

Standard Brick Co., 101 Stimson Bldg low bidder at \$15.50 net per M for common sewer brick for Secs. 17, 18 and 19, North Outfall Sewer. Simons Brick Co. and Western Brick Co. each bid \$16 net.

Pac. Clay Products Co., Inc., and Tropico Potteries, Inc., submitted identical bids Oct. 29 at \$122 per M lin. ft. of block for vit. clay lining blocks for Secs. 17, 18 and 19, North Outfall Sewer; both bids offered 2% disc. paymt. 10th mo. following deliv.

LOS ANGELES, Cal.—County Drainage Engr. A. K. Warren, complex plans for a reinf. conc. storm sewer which will extend from Santa Monica Blvd. and La Cienega Ave. in Sherman to a point near Washington Blvd. and Adams St. Est. cost, bet. \$1,300,000 and \$1,500,000. Constr. will be of monolithic and concrete pipe.

SAN BERNARDINO AND RIVERSIDE Counties.—Following bids rec. by State Highway Commission Nov. 3 to pave with Port. cem. conc. 7.1-mi. in San Bernardino and Riverside counties. Bet. 1/4-mi. north of S. E. Co. line and Beaumont, involy. 3000 cu. yds. reinforcing steel in place (pavement); 500 cu. yds. structure excavation without classification; 36,130 lin. ft. subgrade (preparing and shaping); 15,050 cu. yds. class "A" cem. conc. (pavement); 430 cu. yds. class "A" cem. conc. (curbs, gutters and aprons); 100 cu. yds. class "A" cem. conc. (structures); 400 cwt bar reinf. steel in place (structures); 1200 sq. yds. reinforcing steel in place (pavement); 906 lin. ft. 18-in., 192 lin. ft. 24-in., and 20 lin. ft. 30-in. corr. metal pipe; 550 lin. ft. corr. metal pipe (clean and relay). Comm. will fur. corr. metal pipe.

T. W. Oglessey, Santa Ana, \$179,268
Basich & Douglas Co., L. A., 187,391
W. F. Beale, L. A., 193,605
Wells & Bressler, Santa Ana, 202,041
Kaiser Paving Co., Oakland, 210,235
Jahn & Bressi, L. A., 212,045
H. H. Peterson, San Diego, 213,335
Griffith Co., Los Angeles, 215,743
Pioneer Transfer Co., Calexico, 216,000
J. Paul Benson, L. A., 218,586
T. M. Morgan, L. A., 219,485
Gibbons & Reed, L. A., 220,923
W. D. McCray, L. A., 221,037
H. J. Lima, San Bernardino, 222,720
Sam Hunter, Santa Barbara, 224,260
P. Johnson & Son, L. A., 227,129
Engineer's Estimate, 243,442

POMONA, Cal.—Bent Conc. Pipe Co., 419 Broese Bldg., Los Angeles, awarded contract at \$23,093 to fur. reinf. conc. pipe for tri-city outfall. Delivery will not start until after construction contract has been awarded. Bids for construction will be called shortly. F. C. Froehde, city engineer.

LOS ANGELES, Cal.—Until 2 p. m. Nov. 24, bids will be rec. by supervisors to imp. Hawthorne Ave., bet. Rendondo-Riverside Blvd. and Redondo-Torrance Blvd., 13,400 ft. or 2.34 mi., involy. (1) 4443 cu. yds. excav. (2) 30,010 sq. yds. shaping roadbed, (3) 12,951 sq. yds. 6-in. to 8-in. conc. pav. (4) 15,275 ft. 5-in. disin. granite shoulders.

Bids, same date, to imp. Western Ave. from e line Palos Verdes Estate to w line of Tr. 4252 (west of Dodson Ave.), 5181 ft. or .98 mi. (graded road-way 30 ft. wide) involy. (1) 20,320 cu. yds. excav. (2) 17,270 sq. yds. shaping roadbed, (3) 266 ft. 24-in. corr. iron pipe culv. (4) 150 ft. 30-in. corr. iron pipe culvert.

LOS ANGELES, Cal.—Geo. R. Curtis Paving Co., 2440 E 26th St., awarded contract at \$1.15 by Ed. Pub. Wks. to imp. Hollywood St., bet. 33rd and 31st Wm. Liddington, 420 E 60th Street award, cont. at \$16.637 to imp. San Pedro St., bet. Slauson Ave. and 61st St.

ELSINORE, Cal.—City trustees plan cons. of walks and curbs in more than 20 business and residential streets.

SAN DIEGO, Cal.—Application has been made to U. S. Engineer's Office by city of San Diego for permission to const. two 8-in. sewer outfalls, from septic tanks on shore, one each at Arena St. and Granville St. in south La Jolla district, extending into the Pacific ocean from high water line distances of approximately 200 and 100 ft. respectively.

HANFORD, Kings Co., Cal.—City council on recommendation of city engr. and acting st. supt. refused to acc. resurfacing of st. in the business dist. as done by Calif. Constr. Co.

LOS ANGELES, Cal.—Approx. quantities to imp. Valley Rd. from Durfee Ave. to a point 1200 ft. west, for which bids will be opened by supervisors Nov. 17, are: (1) 870 cu. yds. excav. (2) 392 cu. yds. remov. old mac. (3) 4036 sq. yds. sub-base, (4) 4036 sq. yds. shaping roadbed, (5) 2312 ft. shaping shoulders, (6) 3908 sq. yds. conc. pav. av. haul, from Pico on U. P. Ry., 2 mi.

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. Chevy Chase Dr. from Sycamore Canyon Tr. to a line 2974 ft. east, .56 mi., involy. (1) 7923 cu. yds. excav. incl. 700 cu. yds. conc. (2) 3570 cu. yds. (3) 11,937 sq. yds. conc. (4) 570 cu. yds. conc. in storm drain, incl. reinf. steel; (6) 35 cu. yds. conc. in retaining wall for stream inlets; (7) 140 ft. guard fence. Country furnishes 408 bbls. cem. and freight on sand and gravel amounting to 5309 tons:

Basich Bros. Co.—(1) 55c (2) 80c (3) 1c (4) 75c (5) \$14, (6) \$13, (7) 70c.
O. K. Bros.—(1) 85c (2) \$1.10, (3) 70c (4) \$1.26, (5) \$16, (6) \$14, (7) 80c.
J. F. Murphy—(1) 65c, (2) 65c, (3) 12c, (4) \$1, (5) \$2.5, (6) \$25, (7) \$2.
Breedlove Bros.—(1) 78c, (2) \$1.48, (3) 12c, (4) \$1.20, (5) \$21, (6) \$19, (7) \$15.

Gibbons & Reed Co.—(1) \$1, (2) \$1.50 (3) 15c, (4) \$1.50, (5) \$35, (6) \$25, (7) \$1.35.

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SANTA BARBARA—City council decision to improve the La Verne St. to Lincoln and Santa Sts. 2 1/2 mi. and cost \$40,000. The work will include curb and gutter, catch basins, gutter, cross-gutter, driveways, 4-in. cut base conc., 1911 act S. B. Ferguson, city clerk.

SAN FRANCISCO—Board of Public Works completed plans for the new La Verne St. to Lincoln and Santa Sts. 2 1/2 mi. and cost \$40,000. The work will include curb and gutter, catch basins, gutter, cross-gutter, driveways, 4-in. cut base conc., 1911 act S. B. Ferguson, city clerk.

LA VERNE, Cal.—Black & Veatch, Eng. Bldg., Los Angeles, completed working plans for new La Verne sewer system and outfall, for which bonds in sum of \$80,000 have been voted. The outfall will extend from La Verne to Pomona, to connect with main outfall. This portion, which will be built by La Verne, will be about 3 mi. in length. Plans will be ready in about 2 weeks. The city collection sys. will be done under the 1911 act.

BERKELEY, Alameda Co., Cal.—City council, E. M. Haney, clerk, declares intent. (521) to imp. portions of Ada St. Invol. const. conc. curb and gutter; grade and pave with oil macadam. 1911 Act and Bond Act 1915. Protests Nov. 15.

BAKERSFIELD, Kern Co., Cal.—City council, V. Van Riper, clerk, declares intent. (503) to imp. portions of 3rd St. Invol. grading; cem. conc. gutters; pave with 3-in. asphalt concrete base with 1 1/2-in. Warrenite surface. cem. conc. culverts with corr. iron covering; 1 conc. catchbasin. Imp. St. Dist. No. 503. 1911 Act & Bond Act 1915. Protests Nov. 17. W. D. Clarke, city engineer.

BAKERSFIELD, Kern Co., Cal.—City council, V. Van Riper, clerk, declares intent. (No. 502) to imp. portions of Baker, Bernard, Jefferson, Lincoln Sts., invol. const. cem. conc. curbs and walks. (Imp. St. Dist. No. 502. 1911 Act & Bond Act 1915. Protests Nov. 17. W. D. Clarke, city eng.

NEVADA STATE—Nevada Contracting Co., Fallon, Nevada, at \$90,533 awarded cont. by State Highway Commission to const. 16.02-mi. in Clark county from west slope to east slope of Mormon Mesa, invol. 40,000 cu. yds. unclassified excavation; 16.02 miles prepare subgrade and shoulders; 5.87 miles Turnpike section grading; 7140 cu. yds. loading and screening gravel from pit No. 4; 15,260 cu. yds. loading and screening gravel from Pits 2 & 3; 54,500 yd. m., haul gravel; 22,400 cu. yds. spreading gravel; 205 cu. yds. class A conc.; 464 lin. ft. 15-in., 266 lin. ft. 18 in., 92 lin. ft. 24-in., and 60 lin. ft. 30-in. corr. metal pipe; 190 cu. yds. dry rubble masonry; 42 monuments; 2 sign posts. Other bidders were: Inland Engineering & Construction Co., Ogden, Utah, \$102,751.80; Bishop & Brooks, Sacramento, Cal., \$121,578; Ken Hodgman, Reno, Nevada, \$121,416; Dodge Bros. & Dudley Contracting Co., Fallon, Nevada, \$109,536.50; Tieslau Bros., Berkeley, Cal., \$125,089.50.

VENICE, Cal.—Sander Pearson, 3847 S Broadway, Los Angeles, low bidder at \$286 to imp. Nevada St. and south Ct. with cem. conc.; walk, manhole, hse. con.

Ross and Youngblood, Venice, award. cont. at \$274 to imp. Vernon Ave., bet. Washington and Lincoln Bldgs. 6-in. conc. pav., curbs, walks, alter manholes.

Kuhn Bros., 408 Centre St., Manhattan Beach, awarded cont. at \$19,507 to pave Indiana Ave. and 100 ft. of other sts. with conc.; walks, alter manholes, catch-basins.

OAKLAND, Cal.—Oakland Paving Co., 4000 Broadway, awarded cont. by council to imp. portions of Park Rd., invol. excavation, 490 cu. yd.; conc. curb, 475 lin. ft. conc. gutter, 425 sq. ft.; 0.1 macadam pave, 410 sq. ft.; 8330 lb. cor. iron and conc. culvert, 55 lin. ft.

LOS ANGELES, Cal.—Until 10 a. m. Nov. 10, bids will be rec. by bid. pub. v. for orn. light. sys. in Broadway, bet. Colorado Blvd. and 135 ft. w. of Eagle Dale Ave.; 31 pressed steel poles.

NEVADA STATE—Christensen Construction Co., San Francisco, at (a) \$37,594.28 Willie process, submits low bid to State Highway Commission to const. 1.93-mi. in Clark county from 5th St. city of Las Vegas to 1550 ft. ne. south city limits. Inv. 47,700 cu. yds. 4-in. spread excavation; 1.61 mi. prepare subgrade and shoulders; 3210 cu. yd. cushion loading and screening gravel; 12,670 yd. m. haul gravel; 3210 cu. yds. spread gravel; 190 cu. yds. class A and 17 cu. yds. class B concrete; 47 lin. ft. 15-in., 112 lin. ft. 18-in. and 26 1/2 lin. ft. 24-in. corr. metal pipe, 2 monuments, 2 sign posts, 1240 sq. yds. prepare subgrade for asphalt concrete base, cem. conc. curb and gutter, 10 d. may be submitted on either one of both types of pavement covered by the following items: (A) 5273 sq. yds. 5-in. asphalt concrete base; 571 sq. yds. 3 1/2-in. to 6-in. asphalt conc. pavement; (B) 573 sq. yds. 5-in. thick, 6767 sq. yds. Willie process asphalt conc. pavement 3 1/2 to 5-in. thick. The price bid for Willie process asphalt conc. pavement includes royalty charge of 15 cents sq. yd. Other bids, all taken under advisement, were: Geo. McQuay, Idaho, \$39,706.73; (b) \$62,114.73; Miller & Johnson, Reno, Nevada, (c) \$69,352.50, (d) \$71,763.50; Frank L. Carson, San Francisco, (e) \$67,006.20, (f) \$67,006.20.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 10, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Preston St., bet. Grant St. and south city limits, invol. grade and pave with 1 1/2-in. Warrenite Bit surface on 3-in. bituminous conc. base; hyd. cem. conc. walks, curbs, gutters; 1 br. manhole; 10-in. hyd. McQuay concrete box; 8-in. vit. pipe drains; 9 hyd. cem. conc. box; 8-in. vit. pipe drains; 9 hyd. cem. conc. water inlets. 1911 Act & Bond Act 1915. Cert. check 10% payable to city reg. Plans on file in office of clerk. Wm. Popp, city eng.

BLVTHE, Cal.—Eide to imp. Hobson Way rejected unopened by the city trustees, owing to irregularity in proceedings. New bids will be called shortly for this and other work, making a total of about 50,000 sq. yds. Marie Crenshaw, city clerk. A. C. Fulmer, Riverside engr.

RIVERSIDE, Cal.—Supervisors plan paving of Winchester-Tecumela road. A. C. Fulmer, county surveyor.

VENICE, Cal.—Bond election for \$200,000 to finance construction of sewerage is contemplated by city council.

CHICO, Butte Co., Cal.—J. Orndorff, Chico, at \$144 sq. ft. awarded cont. by Bd. of Educ. to const. cement walks fronting school property in Lincoln Avenue.

RIVERSIDE, Cal.—Council declares intent. to const. sewer in Van Buren St., bet. Miller and Rudisill Sts., incl. manholes, wyse branch, and hse. con.; 1911 act. C. B. Burns, city clerk.

ROSEVILLE, Placer Co., Cal.—Pacific States Const. Co., Call Bldg., San Francisco, awarded cont. by city trustees to pave Main and Vernon sts., \$46,536 and \$42,020, respectively.

RIVERSIDE, Cal.—Stahman & Potter, Market St., Riverside, awarded cont. at \$65,054.75 to imp. various sts. in n.w. section of city; mac. pav., comb. curb and gut., walks, conc. alley entrances, catch-basins, orn. light sys.

SAN DIEGO, Cal.—Pioneer Truck Co. 554 E 3rd St., San Diego, awarded cont. at \$37,843 to pave Sixth and Date Sts. with 2-in. asphalt. conc. on 3-in. bitum. base.

EUREKA, Humboldt Co., Cal.—City Council, A. Walter Kildale, clerk, declares intent. (No. 177) to imp. portions of E St., invol. grading and paving with 2 1/2-in., 3 1/2-in. and 5 1/2-in. asphalt concrete base and 1 1/2-in. Warrenite-Bit surface; 6-in. vit. pipe sanitary sewers; 1911 Act & Bond Act 1915. Protests Nov. 13. Harry H. Hannah, city engineer.

POMONA, Cal.—Total cost of paving Fifth Ave., incl. curb, from east to west city limits, will be \$275,000. The job will be divided into two contracts. F. C. Froehde, city engr.

SAN GABRIEL, Cal.—City trustees declare intent. to imp. Broadway, bet. Santa Anita St. and San Gabriel Blvd. etc., curbs, 5-ft. walks, etc.; Vrooman act. Ira H. Stouffer, city clerk.

VENICE, Cal.—Until Nov. 10, bids will be rec. to imp. Vernon Ave., invol. approx. 120,000 sq. ft. 6-in. conc. pav. H. D. Chapman, supt. of St. H. Hanna, city clerk.

SAN DIEGO, Cal.—Geo. R. Daley 4430 Boundary St., San Diego, low bidder at \$103,381 to pave El Cajon Ave., bet. Park Blvd. and city limits, invol. (a) 245,827.76 sq. ft. 3-in. bitum. base pav. with 2-in. asphalt. conc. top 17.76 ft. (b) 255,035.46 sq. ft. 4-in. conc. base with 1 1/2-in. asphalt. conc. top 19.36 sq. ft. (c) 33,543.09 sq. ft. walk 23c ft. (d) 137.38 ft. curb 67c ft. (e) miscellaneous \$400.

Griffith Co. bid (a) 18c, (b) 21.5c, (c) 23c, (d) 67c, (e) \$430; total, \$113,710.32. Geo. R. Daley, 4430 Boundary St., San Diego, low at \$23,040 to pave Thorn St., bet. 30th and Gregory Sts., invol. (a) 96,882.9 sq. ft. 4-in. conc. base with 1 1/2-in. asphalt. conc. top 20.36 ft. (b) 5,820.53 sq. ft. walk 23c ft. (c) 1795.59 ft. curb 67c ft. (d) miscellaneous, \$250. Griffith Co. bid (a) 21.5c, (b) 23c, (c) 67c, (d) \$295; total, \$23,666.59.

LOS ANGELES, Cal.—Hall-Johnson Co., Box 355, Main Office, Los Angeles, at \$246,999 awarded cont. Pasa Habra Blvd. bet. E and W lines of C. 7784; conc. pav., Warrenite pav., curb, light sys., etc. Engrs. est., \$249,189.53. Geo. H. Oswald, \$267,963.69.

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ETREKA, Humboldt Co., Cal.—Until Nov. 18, 8 p. m., bids will be rec. by A. Walter Kiddle, city clerk, to imp. (bet. of Inter. 146) portions of G St. involv. grade and pave with 2½-in. asph. conc. base with 1½-in. Warrenton-Bit. surface; 6-in. vit. pipe sanitary sewer; cem. conc. sanitary sewer and storm sewer manholes; c. i. and conc. culverts. 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Harry H. Hannah, city eng.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contract at \$89,780 to pave Mines Ave. bet. Mirasol St. and 392 ft. w. of Lorena St., asph.-conc. pav., bitum. pav., cem. sewer, etc.

ALHAMBRA, Cal.—Council declares inten. to imp. alley east of La Crescenta St., bet. Loma Vista Dr. and the alley bet. La Crescenta Ave. and Fremont Ave.; grade and surface with oil and rock. R. E. Wallace, city clerk.

RICHMOND, Contra Costa Co., Cal.—City Manager Jas. A. McVittie authorized to surface 3rd and 4th sts., bet. Barrett and Pennsylvania Aves; est. cost \$3000.

HUNTINGTON PARK, Cal.—Until 8 p. m., Nov. 17, bids will be rec. to imp. Roseberry Ave., involv. asph. conc. pav., conc. gut., etc.; Newell St., involv. asph. conc. pav., conc. gut., etc. Plans on file at office of Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, city eng. H. H. Hunter, city clerk.

SAN FRANCISCO—Board of Public Works has released Jas. M. Smith (bid \$55,565) from contract to imp. Vicente St., bet. 14th and 18th Aves. and new proceedings will be started for the project. Project involves in the main 19-592 cu. yds. cut; 8225 cu. yds. fill; 85-392 sq. ft. asph. conc. pavement.

SAN FERNANDO, Cal.—Chamber of Commerce starts movement to widen San Fernando Rd., from Turley crossing at Burbank to Newhall, through San Fernando, will be 75 ft. with 15-ft. for curbs and walks on south side; old pavement to be used as base for 7-in. conc. with 3-in. shoulder and 3-in. filler cover over entire road.

REDWOOD CITY, San Mateo Co., Cal.—City eng. C. L. Dimmitt preparing spec. for shoulders on El Camino Real within city limits; National pavement.

BURBANK, Cal.—Until 7:30 p. m., Nov. 25, bids will be rec. to imp. under 1911 act.

First St., bet. Cypress Ave. and Burbank Blvd., approx. 1000-ft. involv. curbs, walks, oil mac. pav.

Evergreen St., Valley St. and Rose St., bet. Clark Ave. and Magnolia Ave., approx. 1300 ft. for each St., involv. curbs, walks, oil mac. pav.

San Jose Ave., bet. 4th and 6th Sts., approx. 1000-ft., involv. curbs, walks, and oil mac. pav.

Plans on file at office city clerk, F. S. Webster. Cert. check or bond. 10%.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Ellisworth St., bet. Tompkins and Crescent Aves., involv. 568 lin. ft. conc. curb; 6,590 sq. ft. asph. conc. pavement; 1-954 sq. ft. conc. pavement; 212 sq. ft. art. stone walks; 19 lin. ft. 8-in. and 60 lin. ft. 10-in. cast-iron pipe sewer; 3 b. catchbasins. Est. cost, \$3900.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 24, 11 A. M., bids will be rec. by Eugene Graham, county clerk, to imp. roads in Tracy Garden Farms in Naglee-Burk tract, involv. approx. 2.62 mi. graveling; est. cost, \$13,055. Plans obtainable from county surveyor F. E. Quail.

FULLERTON, Cal.—Council declares inten. to imp. West Brookdale Pl., bet. N. Richman and North Highland Aves., and portions of other Sts. on 3½-in. asph. conc. base 2-course asph. pav., ornam. light sys., 4-in. vit. hse. conc.; 1911 act. F. C. Hezmalhalch, city clerk.

LOS ANGELES, Cal.—Martin Petrovitch, 208 W. 2nd St., sub. low bid at \$146,990 to bd. pub. wks. for sewer complete in Colorado Blvd. bet. Maywood and Warren St., boundary line of city. Other bids: Tom Gogo and S. Rados & Co., \$157,000; Adam Dalmatin, \$167,000; Joe Chutuk, \$167,000; Culjak & Bebek, \$184,000; Hickey & Harmon, \$186,000; J. W. Gray & Co., \$192,813; Geo. W. Kemper, \$198,000; S. Zarubica, and B. P. Radish, \$199,000; M. Simunovich, \$223,700; Leo Mileitch, \$230,000; P. S. Tornich, \$234,000.

PALO ALTO, Santa Clara Co., Cal.—Council petitioned to pave University Ave. and Waverly St., with Warrenite-Bit. pavement. Referred to City Eng. J. F. Byxbee, Jr.

LODI, San Joaquin Co., Cal.—City trustees petitioned to install sewers in Poplar St. bet. Central & Stockton Aves; est. cost \$2500. L. F. Barzellotti, city eng.

EVERLY HILLS, Cal.—Until 8 P. M., Nov. 10, bids will be rec. for 300 tons Warrenite, White National, or similar pavement, in accordance with spec. on file at office of the city clerk, E. J. Firminger.

PALO ALTO, Santa Clara Co., Cal.—Council plans construction of sewers in South Palo Alto, bet. Seal and Oregon Aves. J. F. Byxbee Jr., City Eng.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, 8th and Bissel Ave., Richmond, at \$25,675 awarded cont. by San Pablo Sanitary District to const. 8-in. vit. sewers in portions of Stockton Street Extension and 70 ft. of 8-in. c. i. pipe across Alvarado St. and 6-in. c. i. pipe, 50 ft. in length in Alvarado St. and 6-in. vit sewer in Alvarado St. and Church Lane; br. and cem. conc. manholes; lampholes and wye branches.

LOS ANGELES, Cal.—C. W. Shafer, 3301 S. Hill St., sub. low bid to bd. pub. wks. to imp. Lomita Dr. bet. Carnegie St. and Monterey Rd., involv. grade at \$3500, 70,679 sq. ft. conc. pav., 214c; 380 sq. ft. remod. oil surf., 10c; 6759 ft. curb, 58c; storm drain, \$250 san. sewer, \$10,300; guard rail, \$100.

Geo. J. Bock—\$600 grade; 24c conc. pav.; 20c remod. surf.; 60c curb; \$400 storm drain; \$11,500 san. sewer; \$50 guard rail.

W. D. McCray—\$7500 grade; 22c conc. pav.; 10c remod. surf.; 60c curb; \$250 storm drain; \$12,750 san. sewer; \$150 guard rail.

GLENDALE, Cal.—St. dept. surveying to widen Verdugo Rd. in Verdugo Canyon, to provide ultimately a 100-ft. Blvd. into Tujunga and Crescenta valleys.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Galvez Ave., bet. Ketchikan and Lane Sts., involv. 1389 lin. ft. conc. curb; 1320 sq. ft. art. stone walks; 6 b. catchbasins; 240 lin. ft. 10-in. ironstone pipe culvert; 38-826 sq. ft. asph. conc. pavement; est. cost, \$13,800.

POMONA, Cal.—Council declares inten. to imp. Alvarado Ave., bet. Caswell and San Antonio Aves.; grade, curbs, 3-in. vit. pipe sewer, 10-in. vit. manholes, house connections; 1911 act. F. C. Froehde, city engineer.

STOCKTON, San Joaquin Co., Cal.—Clark & Henry Constr. Co., Chancery Bldg., San Francisco, at \$5593.48 submitted low bid to council to imp. Harding Way, bet. Edison and Harrison Sts., involv. grading; const. cem. conc. curbs and gutters; conc. walks; pave 2½-in. cementing gravel base and 2½-in. asph. conc. base with 2-in. conc. asph. conc. surface; post and rail fence on Lincoln & Van Buren and Monroe Sts., involv. grading; conc. walks. J. E. Johnston, Stockton, at \$5582.18, only other bidder. Taken under advisement. W. B. Hogan, city engineer.

SANTA BARBARA, Cal.—Chas. T. Richardson, 525 E. Haley St., Santa Barbara, awarded cont. to 12c sq. ft. to pave auto park at the high school involv. 50,000 sq. ft.

STOCKTON, San Joaquin Co., Cal.—Following conts. awarded by county supervisors for road improvements: West Side road, approx. 19,845 feet from end of present gravel surface south to Stanislaus county line; gravel surface. Irey & Holden, Ltd., \$22,765. Charles Lauffer Rd., Thornton-Walnut Grove highway, thence n. along west line of Prize Medal Farms tract for 8445 ft., gravel road: W. Moreing, Stockton, \$7421.

Urgon road from Cherokee Lane westward to ft. asph. oil surface: Irey & Holden, \$908.

H. C. Beckman rd., from Kettleman Lane south to Roach road, approx. 2 mi., asph. oil surface: Irey & Holden, \$1878.

A. O. Stewart rd., from S. P. right-of-way near west end of bridge over San Joaquin river west 6600 ft., gravel surface: W. Moreing, \$598.

Grant Lane Road, 13,195 ft. and River Drive, 5476 ft. both near Tracy, gravel surface: Irey & Holden, \$16,706.

G. Brichetto Rd., from state highway south to Tracy-Vernalis Rd. 15,800 ft., gravel surface: Irey & Holden, \$11,782.

LOS ANGELES, Cal.—Gibbons & Reed Co., 905 S. Olive St., sub. low bid to bd. pub. wks. to imp. Fulton Ave., bet. Victory Blvd. and 260.74 ft. s. of Moorpark St., involv. grade at \$6500, 132,283 sq. ft. asph. conc. pav., 15.9c; 136,728 sq. ft. asph. conc. (Topeka) pave, 15.9c. conc. curb, \$80; total, \$49,263.26. Other bids:

Geo. R. Curtis Paving Co.—\$10,000 grade, 17c asph. conc. 17c asph. conc. (Topeka) pave, \$100 curb.

Griffith Co.—\$9300 grade, 18c asph. conc. 18c asph. conc. (Topeka) pave, \$80 curb.

Chas. U. Heuser—\$8800 grade, 20c asph. pave, 20c asph. conc. (Topeka) pave, \$100 curb.

Los Angeles Paving Co.—\$14,500 grade, 23c asph. pave, 23c asph. conc. (Topeka) pave, \$250 curb.

Geo. H. Oswald—\$7800 grade, 17c asph. pave, 17c asph. conc. (Topeka) pave, \$95 curb.

SANTA BARBARA, Cal.—City Engr. Geo. D. Morrison completing spec. for three st. paving jobs amounting to \$40,000. These include Barranca Ave. and Luneta Plaza, 4 blocks, \$25,000; pav. and walks on Yvonah St. blocks, \$12,734; curbs, grades, gut., storm drains in Chino St., bet. Pedregosa and Mission Sts.; \$2200.

SHASTA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Nov. 24, to grade and surface with crushed gravel or stone, 10.8 mi. in Shasta County bet. Halfway Creek and Dog Creek. Project involv. 31,000 cu. yds. roadway excavation without classification; 990,000 sta. yds. overhaul 6000 cu. yds. structure excavation without classification; 31,800 tons crushed gravel or stone surface; 1230 cu. yds. class A cem. conc. (structures); 575 cu. yds. class C cem. conc. (incaising pipe culverts); 360 cwt. bar rein. steel in rubble retaining walls; 1200 lin. ft. 12-in., 300 lin. ft. 18-in. and 500 lin. ft. 24-in. corr. metal pipe; 2000 lin. ft. corr. metal pipe (clean and relay); 260 monuments; 17 M. gal. water applied to crushed gravel or stone surface. Comm. will furnish corr. metal pipe. R. M. Morton, state highway eng.

COMPTON, Cal.—Council declares inten. to imp. Arabe Ave., bet. Tr. 4000 and n city limits, involv. 5-in. conc. pav., cast iron water mains, 1911 act. Maurice B. B. city clerk. E. M. Lynch, Central Bldg., Los Angeles, city engineer.

BURBANK, Cal.—Council declares inten. to imp. under 1911 act: Empire Ave., bet. San Fernando Rd. and Hollywood Way, involv. conc. pav., grading, std. screw water pipe. Keystone St., bet. Clark and Magnolia Aves, curbs, walks, oil mac. pav. Valencia Ave., bet. 4th and 6th Sts.; curbs, walks, oil mac. pav.



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The Mercury Press

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San Francisco

ADDITIONAL SPACE PROVIDED FOR AMERICAN ROAD SHOW

More space for the road show, a convention program which discusses every angle of road construction and maintenance, and a series of entertainments that will eliminate any possibility of idle time have been provided by the American Road Builders' Association for its annual gathering at Chicago January 5th to 9th next.

At present the list of applications for exhibition space in the Coliseum and adjoining buildings includes more than 200 manufacturers of road building equipment. This is a greater number than had applied at this time last year or in previous years, and by the time the allotment of space is made on November 10th, it is expected that the previous record for the total number of exhibitors will have been passed. The increased space, in addition to making it possible to accommodate a greater number of exhibitors, will offer an opportunity for larger and more attractive exhibitions than have been possible in the last few years.

The convention program has been prepared by Prof. T. R. Agg who has long been identified with road building in the United States. Some of those who are expected to speak are: A. H. Hinkle, Maintenance Engineer, Indianapolis Highway Department; W. H. Connell, Engineering Executive and Deputy Secretary of Highways for Pennsylvania; C. H. Conner, State Construction Engineer for North Carolina; Charles M. Upham, Director, Advisory Board on Highway Research; Arthur H. Blanchard, Professor of Highway Engineering and Highway Transport; Prevost Hubbard, Chemical Engineer, The Asphalt Association, and Harry D. Robbins, Division Engineer, New Jersey State Highway Department. Other names will be added to the list within the next few weeks.

The entertainment of the delegates and other visitors is again in charge of A. C. Cronkrite who has arranged a stag party on Tuesday, January 6th, and an informal supper and dance at the Club Chez Pierre on Thursday, January 8th. The annual banquet of the American Road Builders' Association also will be held during the Convention.

The Road Show, as has previously been announced, will again be in charge of C. M. Upham, Business Director of the Association. He will open headquarters at the Congress

Fire-Safe and Incombustible Buildings Ruled on at New Orleans

New Orleans is the latest city to free itself from the error of confusing protection from fire with the use of non-combustible building materials. Notwithstanding the disastrous fires that frequently occur in so-called fireproof buildings, many cities have made the mistake of prohibiting slow-burning construction in certain districts, in spite of the fact that experience has demonstrated that the fire loss risk may be less with the latter than with certain types of structures of incombustible materials.

On September 23 the Commission Council of New Orleans, according to a statement by the Research Bureau of the National Lumber Manufacturers Association, unanimously adopted an amendment to the present building ordinance which permits the erection of standard mill-construction building to a height of five stories, or 65 feet, within the existing so-called fireproof zone, providing such buildings are equipped with sprinkler systems. This action was recommended by the Council's Advisory Committee on Building Code Revision made up of representatives of the New Orleans Association of Commerce, the Real Estate and Homestead League, the General Contractors Association, the American Institute of Architects, and the Louisiana Fire Prevention Bureau.

The area affected is the equivalent of about fifty-five major city blocks. Heretofore, the only non-fireproof buildings permitted within that territory have been buildings limited to one story in height with a ground area not exceeding 5,000 square feet, and two-story buildings with a ground area of not more than 3,500 square feet. The value of most of the property in the area affected is too great to permit of its utilization for low buildings and the types of construction formerly required for the higher build-

ings was for various economic reasons undesirable. These regulations have prevailed for at least fourteen years. Within this former "fireproof" region there are many aged buildings which are sorely in need of repair, and many which should be reconstructed for the accommodation of modern industrial operations, but the cost of renovation or replacement was prohibitive under the former regulations.

Under the amendment, a mill-construction factory building can be erected in this zone at an investment cost that will make it profitable, and this without in any way jeopardizing the protection of the district from disastrous fires. As a result the reclamation of an extensive "run down" district is now predicted. Such reclamation has been similarly effected in other progressive cities.

It is more and more coming to be understood in cities that under some conditions certain types of lumber construction are fully as fire-safe as certain other types of buildings constructed entirely of incombustible material. The reason is that the principal fire hazards come not from the type of construction but from the occupancy or contents. Combustible materials stored in fireproof buildings will burn as freely as in slow-burning buildings. Structural materials that will themselves not burn are often so weakened by the fire, in the way of warping, disintegration, cracking, contraction, and expansion that a building made of them will sometimes collapse before the fire is extinguished, whereas under similar conditions a slow-burning lumber-construction building will hold up until the fire is under control. Moreover, the salvage value of such a building is generally greater than that of a burned and wrecked fireproof building.

Hotel a month or more before the convention starts. All applications in regard to space and other details should be addressed to him there.

Proposed city manager form of government for Fresno was defeated at the recent election by a vote of 2 to 1.

Convention of city building inspectors of the State will be held in Stockton, November 20.

City of Palo Alto plans early creation of a building inspector's office. The move was prompted by the Builders' Association of Palo Alto of which E. C. Jacobsen is president.

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Road Building Far Behind the Automobile

Millions now recognize the automobile as a necessity. It is no longer a luxury for the few. Sixty per cent of its use is for business.

Because of this the modern paved highway has become an economic necessity.

Yet although the mileage of Concrete Roads and Streets has been steadily increasing, our highway system today lags far behind the automobile. The great majority of our highways are as out of date as the single-track, narrow gauge railway of fifty years ago.

Such a condition not only seriously handicaps the progress of the automobile as a comfortable, profitable means of transportation, but also holds back commercial, industrial and agricultural advancement in practically every section of the country. It is costing taxpayers millions of dollars annually.

Highway building should be continued and enlarged upon.

Your highway authorities are ready to carry on their share of this great public work. But they must have your support. Tell them you are ready to invest in more and wider Concrete Highways now.

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Chicago	Indianapolis	Milwaukee		Salt Lake City	Washington, D.C.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue

No.	Owner	Contractor	Amt.
4549	Hawkins	Owner	3000
4550	Hanill	Owner	4000
4551	Ferguson	Olafson	3000
4552	Nelson	Owner	4500
4553	Nelson	Owner	4900
4554	Union	Owner	2000
4555	Isaacson	Owner	3750
4556	Natenstedt	Dahl	3500
4557	Edman	Taylor	12000
4558	Holgren	Owner	3000
4559	Sichel	Meyer	4150
4560	Hansen	Owner	6000
4561	Hemminga	Owner	6000
4562	Whitehead	Meyer	6000
4563	Sam	Meyer	1000
4564	Sanchez	Owner	7000
4565	Cosgrove	Owner	7500
4566	Hadzes	Athey	3200
4567	Hansen	Owner	3000
4568	Crocker	Owner	3800
4569	Sullivan	Wiander	6000
4570	O'Neil	Edgell	3000
4571	Sorbi	Owner	3000
4572	Pengelly	Anderson	6000
4573	Martin	Amoroso	6000
4574	Strand	Owner	16000
4575	Sam	Sam	2000
4576	Giovannini	Owner	1500
4577	Dolman	Moll	2000
4578	Kruebe	Pearson	1000
4579	Bluntz	Furness	1200
4580	Stranch	Mattock	2500
4581	Urban	Leonard	16000
4582	Urban	Leonard	8000
4583	Urban	Leonard	24000
4584	United	Schuliz	12000
4585	Nineteen	Atlas	4610
4586	Moneta	Arnott	6000
4587	Hills	Lawson	18965
4588	Hills	Lawson	23000
4589	Rutz	Owner	5000
4590	Miller	Owner	4000
4591	Livingston	Barrett	1000
4592	Lindas	Owner	7500
4593	Henrick	Owner	4000
4594	Williams	Co-operative	1100
4595	Disston	Owner	20000
4596	McCormick	Owner	11000
4597	Christensen	Owner	24000
4598	Voorhies	Owner	20000
4599	Sam	Sam	20000
4600	Edgell	Barrett	12000

4601	Peterson	Owner	7000
4602	Johnson	Owner	7000
4603	Haas	Owner	5000
4604	Davis	Owned	6000
4605	Joy	Owner	4000
4606	Irvine	Reed	1000
4607	O'Connor	Soules	4000
4608	Campbell	Owner	1000
4609	Sullivan	Wagner	20000
4610	Cahill	Owner	46000
4611	Miller	Jenkins	2916
4612	Giampaoli	Greene	12965
4613	De Martini	Owner	3000
4614	Meyer	Owner	3000
4615	Meinberger	Owner	5000
4616	Sourich	Co-operative	4000
4617	Allen	Lindsay	3800
4618	Wickersham	Owner	3500
4619	Kane	Owner	6000
4620	Dondro	Bruce	2000
4621	Scharfand	Scharfand	1000
4622	Heilmann	Owner	6000
4623	Hemmen	Owner	800
4624	McCarthy	Arnott	3000
4625	Dairy	Owner	7500
4626	Klahn	Owner	20000
4627	Chen	Owner	12500
4628	Buchardt	Owner	30000
4629	Arnott	Owner	12000
4630	Arnott	Owner	23000
4631	Tablin	Magill	15600
4632	Stamm	Mattock	3998
4633	Schramm	Papenhause	1000
4634	Schuliz	Owner	17000
4635	Hunius	Owner	12890
4636	Frost	Hansen	4700

(4549) S VASQUEZ 43 W Woodside.
1-story and basement frame dwlg.
Owner — Hawkins Improvement Co.,
M H, 1041 S F
Architect — J. H. Thayer, 110 Sutter St.
San Francisco. \$3000

DWELLING
(4550) W FORTIETH AVE. 20 S
1-story and basement frame
dwlg.
Owner — The Hanill, 610 Geary St.
San Francisco.
Architect — None. \$4000

DWELLING
(4551) 1575 WASHINGTON
Street. 1-story frame dwelling.
Owner — O. H. Ferguson, 1575 Washing-
ton St., San Francisco.
Architect — None.
Contractor — S. F. Olafson, 336 Pierce
St., San Francisco. \$3000

DWELLING
(4552) SW VICENTE AND WAWONA.
1-story and basement frame dwlg.
Owner — Fernando Nelson & Sons, Inc.,
2 West Portal Park, S. F.
Architect — None. \$4500

DWELLING
(4553) E MADRONE 135 S Taraval. 1-
story and basement frame dwelling.
Owner — Fernando Nelson & Sons, Inc.,
2 West Portal Park, S. F.
Architect — None. \$4000

STATION
(4554) NW CLEMENT & TWENTY-
first Ave. 1-story steel auto sup-
ply station.
Owner — Union Oil Co. of Calif., 287
Mills Bldg., San Francisco.
Plans by owner. \$2000

DWELLING
(4555) S MONTEREY 275 W Congo.
1-story and basement frame dwlg.
Owner — Isaacson and Nylund, 53 Court-
land Ave., San Francisco.
Architect — None. \$3750

DWELLING
(4556) N TWENTY-THIRD 77 E
Harrison. 1-story and basement
frame dwelling.
Owner — H. A. Natenstedt, 835 Treat
Ave., San Francisco.
Architect — None.
Contractor — E. Dahl, 1463 18th Ave.,
San Francisco. \$3500

RESIDENCE
(4557) NW SAN ANSELMO AND SAN
Buenaventura Way. 2-story and
basement frame residence.
Owner — L. A. Redman, 333 Pine St.,
San Francisco.
Architect — Louis M. Upton, 454 Mont-
gomery St., S. F.
Contractor — Taylor & Jackson, 290 Te-
hama St., S. F. \$12,000

APARTMENTS
(4558) SE FILBERT AND GOUGH.
3-story and basement frame (15)
apartments.
Owner — Karl Holmgren, 726 5th Ave.,
San Francisco.
Architect — None. \$30,000

W SEVENTY-NINTH AVE 150 S IRVING.
2-story and basement frame (2)
flats.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
5500 MONTGOMERY ST.

OWNER—M. K. Reynolds, 1285 6th Ave., San Francisco.
Plans by Owner.
 12th Ave., S. F. \$5000
 NORTH—Building contractor's report dated Oct. 1, 1924, No. 1478.

DWELLING
 (4549) E FORTY-SECOND AVE. 225 N. Calhoun, 225 E 12th. All work for 1-story and basement frame dwelling.
 Owner—Malvin A. Siebel, 634 21st Ave., San Francisco.
 Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., S. F.
 Filed Oct. 30, 1924. Dated Oct. 29, 1924.
 Bond \$5000. Sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

DWELLINGS
 (4550) W OTSEGO 17 and 209 N. San Juan. Two one-story and basement frame dwellings.
 Owner—Walter E. Hansen, 185 Capistrano Ave., San Francisco.
 Architect—None. \$3000 each.

FLATS
 (4551) N CALIFORNIA 32-6 W 11th Ave. Two-story and basement frame (2) flats.
 Owner—Nancy H. Lindberg, 190 22nd Ave., San Francisco.
 Architect—None. \$6000

FLATS
 (4552) S BALBOA 32 E Forty-fifth Ave. Three-story and basement frame (2) flats.
 Owner—A. E. Whitehead, % Contractor. Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$5000

FLATS, ETC.
 (4553) S BALBOA 57-6 E Forty-fifth Ave. Two-story and basement frame (2) flats and store.
 Owner—A. E. Whitehead, % Contractor. Architect—None.
 Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$4000

FLATS
 (4554) NE MURRAY AND CRESCENT Ave. Two-story and basement frame (2) flats.
 Owner—M. Sanchez, 1415 Fairfax Ave., San Francisco.
 Architect—None. \$7000

APARTMENTS
 (4555) N TWENTY-SECOND 37-6 E 11th Ave. Two-story and basement frame (4) apartments.
 Owner—John P. Cosgrove, 2819 Mission St., San Francisco.
 Architect—J. H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco. \$7500

DWELLING
 (4556) E WINFIELD AVE., bet. Coso and Escobedo. One-story and basement frame dwelling.
 Owner—John N. Hadzys, 29 Winfield Ave., San Francisco.
 Architect—Richard L. Irvine, 74 New Montgomery St., San Francisco.
 Contractor—R. H. Atkey, 42 Winfield Ave., San Francisco. \$3200

DWELLINGS
 (4557) E CAPISTRANO 75, 100, and 125 S. San Juan. Three one-story and basement frame dwellings.
 Owner—Walter E. Hansen, 185 Capistrano Ave., San Francisco.
 Architect—None. \$3000 each

DWELLING
 (4558) S CALIFORNIA 225 E 12th Ave. One-story and basement frame dwelling.
 Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
 Architect—None. \$2000

FLATS
 (4559) N TWENTY-FOURTH 60 W. New Two-story and basement frame (2) flats.
 Owner—J. Sullivan, % Architect. Architect—Arthur G. Scholz, 839 Pheasant Bldg., San Francisco.
 Contractor—E. Winkler, 11 Coleridge St., San Francisco. \$6000

DWELLING
 (4560) S LOWER TERRACE 394-5 E First Angle of Lower Terrace. One-story and basement frame dwlg.
 Owner—Lacy H. O'Neil, 3134 Washington St., San Francisco.
 Architect—None.
 Contractor—James L. Padgett, 2602 California St., S. F. \$3000

DWELLING
 (4561) E PARIS 225 S Russia. One-story and basement frame dwlg.
 Owner—A. Sorbi, 224 Russia Ave., San Francisco.
 Architect—None. \$5000

DWELLINGS
 (4562) W TWENTY-SECOND AVE. 180 and 210 S. Ulloa. Two one-story and basement frame dwellings.
 Owner—Mrs. M. Pengelly, 35 Hidalgo Terrace, San Francisco.
 Architect—C. Anderson, Malito Park, San Mateo.
 Contractor—C. Anderson, Malito Park, San Mateo. \$3000 each

GARAGE
 (4563) W HYDE 45 S Greenwich. One-story brick private garage.
 Owner—Evelyn Martin, 2550 Larkin St., San Francisco.
 Architect—None.
 Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco. \$6000

FLATS
 (4564) W WEBSTER 52-6 and 79-6 S Green. Two two-story and basement frame flats (2 flats in each building).
 Owner—Strand & Strand, 163 Parnassus Ave., San Francisco.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$3000 ea.

APARTMENTS
 (4565) SW GREEN AND WEBSTER. Three-story and basement frame (12) apartments.
 Owner—Strand & Strand, 163 Parnassus Ave., San Francisco.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$25,000

REMODEL RESIDENCE
 (4566) 15 CORDELLA ST. Remodel for residence.
 Owner—Daniel Giovannini, 58 Sutter St., San Francisco.
 Architect—None. \$1500

ALTERATIONS
 (4567) 2709 FOLSON ST. Raise, underpin and remodel for residence, exterior plastering, etc.
 Owner—Perceval Dolman, 2709 Folson St., San Francisco.
 Architect—None.
 Contractor—Sigurd Moll, 540 Laidley St., S. F. \$2000

MOVE & ALTERATIONS
 (4568) 225 5TH ST. Move and make alterations for store.
 Owner—H. J. Knuble, 126 Pine Street, San Francisco.
 Architect—None.
 Contractor—Pearson & Johnson, 2031 Bryant St., S. F. \$1000

ALTERATIONS & ADDITION
 (4569) 1631 44TH AVENUE. Concrete foundation, add porch to dwelling.
 Owner—Mr. Bluntz, 1634 44th Avenue, San Francisco.
 Architect—None.
 Contractor—John J. Purness, 13814 43rd Ave., S. F. \$1200

STORES (2)
 (4570) E MISSION 160 N 26TH. One-story frame (2) stores.
 Owner—W. G. and F. H. Stranch, 869 Dayton St., San Francisco.
 Architect and Supt.—F. H. Spitzer, 251 Kearny St., San Francisco.
 Contractor—Matlock & Peasey, 5th & Clara Sts., S. F. \$2500

DWELLINGS
 (4571) S MONCADA 120 AND 180 E Jackson, S. F. Blvd. Two 1½-story frame dwellings.
 Owner—Urban Realty Improvement Co., 41 Montgomery St., S. F.
 Architects and Contractors—Leonard & Holt, 41 Montgomery St., S. F. Each, \$8000

DWELLING
 (4572) W CERRITOS AVE. 257 S Ocean Ave. 2-story and basement frame dwelling.
 Owner—Urban Realty Improvement Co., 41 Montgomery St., S. F.
 Architect and Contractor—Leonard & Holt, 41 Montgomery St., S. F. \$8000

DWELLINGS
 (4573) SE PALOMA AND JUNIPERO SERRA Blvd. N. Paloma 129 and 189 E Junipero Serra. Three 1½-story and basement frame dwellings.
 Owner—Urban Realty Improvement Co., 41 Montgomery St., S. F.
 Architects and Contractors—Leonard & Holt, 41 Montgomery St., S. F. Each, \$8000

STORES
 (4574) NE FILLMORE AND O'FARRELL Sts. 1-story concrete stores.
 Owner—United States Realty Corp. Architect—Earl Bertz, 168 Sutter St., San Francisco.
 Contractor—Schultz Construction Co., 46 Kearny St., S. F. \$12,000

HEATING, ETC.
 (4575) N BROADWAY BET. OCTAVIA and Laguna. All work for steam heat, domestic hot water system, crude oil burning equipment, oil storage plant for bldg.
 Owner—Nineteen Sixty Broadway. Architect—Gustav E. Boz, Humboldt Bank Bldg., S. F.
 Contractor—Atlas Heating & Ventilation Co., 555 1st St., S. F.
 Filed Oct. 31, 1924. Dated Oct. 29, 1924.
 Bond of \$5000. Sureties, forfeit, none. Limit, 100 days. Specifications filed. Plans not filed.

RESIDENCES
 (4576) S STAPLES AVE. 215 E De la Cruz, 215 S 30th, Lots 27, 28 and 29, Resub. Bk. 33, Sunnyside. All work for three 4-room residences.
 Owner—Moneta Investment Co., 233 Pacific Bldg., S. F.
 Architect—None.
 Contractor—James Arnott & Son, 235 Granville Way, S. F.
 Filed Oct. 31, 1924. Dated Oct. 15, 1924.
 Concrete foundation and frame up \$2250
 Plumbing and electric work roughed in 2250
 Completed and accepted 2250
 Usual 35 days 250
TOTAL COST, \$9000
 Bond, sureties, none. Forfeit, \$10,000 per day. Limit, 120 days. Plans and specifications filed.

PLUMBING
 (4577) N HARRISON AND SPEAR, NE 275 NW 276. All work for plumbing for 8-story reinforced concrete warehouse and office bldg.
 Owner—Hills Bros., 1757 Fremont St., San Francisco.
 Architect—Geo. W. Kelham, Sharon Bldg., S. F.
 Contractor—Lawson & Drucker, 465 Tehama St., S. F.

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Filed Oct. 31, 1924. Dated Oct. 27, 1924.
 Each of each month \$50
 Usual 35 days \$25
 TOTAL COST, \$18,965
 Bond, \$9483. Sureties, Fidelity & Deposit Co. Forfeit, none. Limit, July 1, 1925. Plans and specifications filed.

(4588) INTERIOR AND EXTERIOR ornamental iron and bronze work on above.
 Contractor—Federal Ornamental Iron & Bronze Co., 16th St. and San Bruno Ave., S. F.
 Filed Oct. 31, 1924. Dated Oct. 27, 1924.
 Payments same as above.
 TOTAL COST, \$23,000

Bond, \$11,500. Sureties, Maryland Casualty Co. Forfeit, none. Limit June 30, 1925. Plans and specifications filed.

DWELLINGS

(4589) SW LOWELL 50 and 75 NW Brunswick. Two one-story and basement frame dwellings.
 Owner—Neilsen & Lutz, 521 Waller St., San Francisco.
 Plans by Owner. \$3000 each

DWELLING

(4590) W TWENTY-THIRD AVE 160 N Kirkham. One-story and basement frame dwelling.
 Owner—P. S. Miller, 1250 15th Ave., San Francisco.
 Architect—None. \$4000

ALTERATIONS

(4591) NE GRANT AVE AND GEARY. Enlarge bookkeeping quarters.
 Owner—Livingston, Inc., Premises.
 Architect—None.
 Contractor—Barrett & Hulp, 918 Harrison St., San Francisco. \$1000

DWELLING

(4592) W BORICA 200 N Urbano Drive. One-story and basement frame dwelling.
 Owner—John R. Lindsay, 55 Alviso St., San Francisco.
 Architect—None. \$5500

DWELLING

(4593) E STANYAN 121-9 S 17th St. One-story and basement frame dwelling.
 Owner—June L. Herrick, 219 Montgomery St., San Francisco.
 Architect—None. \$4000

ALTERATIONS

(4594) E VERMONT 25 N 19th St. New story front.
 Owner—J. Yellano, 635 Vermont St., San Francisco.
 Architect—T. A. Sourich, 625 Market St., San Francisco.
 Contractor—Co-Operative Builders, 625 Market St., S. F. \$1400

APARTMENTS

(4595) S HAIGHT 150 E Broderick. Three-story and basement frame 12) apartments.
 Owner—A. D. Disston, Hears. Bldg., San Francisco.
 Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$20,000

FLATS

(4596) S GROVE 191 W Ashbury. Two-story and basement frame (2) flats.
 Owner—Thos. McCormick, 73 Hill St., San Francisco.
 Architect—None. \$11,000

APARTMENTS

(4597) N CLEMENT 82-6 and 107-6 E Twentieth Ave. Two two-story and basement frame stores and apartments (1 store and 4 apts. in each building).
 Owner—Christiansen Bros., 518 25th Ave., San Francisco.
 Architect—None. \$12,000 each

APARTMENTS

(4598) NE TENTH AVE AND LAKE. Three-story and basement frame (6) apartments.
 Owner—W. R. Voorhies, 615 Masonic Ave., San Francisco.
 Architect—None. \$20,000

APARTMENTS

(4599) N LAKE 40 and 96-3 E Tenth Ave. Two three-story and basement frame (6) apartments.
 Owner—W. R. Voorhies, 615 Masonic Ave., San Francisco.
 Architect—None. \$15,000 each

DWELLINGS

(4600) S CABILLO 32-6, 57-6 and 82-6 E 48th Ave. Three one-story and basement frame dwellings.
 Owner—John M. Friedle, 4726 Cabrillo St., San Francisco.
 Architect—None.
 Contractor—Geo. F. Barnett, 4726 Cabrillo St., S. F. \$4900 each

FLATS

(4601) W SIXTEENTH AVE 200 N Judah. Two-story and basement frame (2) flats.
 Owner—Elizabeth Peterson, 683 9th Ave., San Francisco.
 Architect—None.
 Contractor—Gustav Peterson, 683 9th Ave., San Francisco. \$7000

DWELLINGS

(4602) N CABILLO 82-6 and 107-6 E Thirty-fifth Ave. Two one-story and basement frame dwellings.
 Owner—S. E. Johnson, 3750 Fulton St., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3500 each

ALTERATIONS

(4603) NO. 2007 FRANKLIN. Construct elevator pit in residence; install push button elevator.
 Owner—Mrs. Haas, Premises.
 Architect—Bliss & Paville, Balboa Bldg., San Francisco. \$5000

DWELLINGS

(4604) S JOOST 150 and 175 W Forester. Two one-story and basement frame dwellings.
 Owner—F. J. Davis, 661 Joost Ave., San Francisco.
 Architect—None. \$3000 each

DWELLING

(4605) NE MARKET AND EUREKA. Two-story and basement frame dwelling.
 Owner—Alph A. Juel, % Architect.
 Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$4000

ALTERATIONS

(4606) N MARKET 250 — Marshall Square. Underpin west wall of brick building.
 Owner—Irvine Estate, Crocker Bldg., San Francisco.
 Architect—Quandt & Bos, Humboldt Bank Bldg., San Francisco.
 Contractor—Walter Reed, 196 Precita Ave., San Francisco. \$1000

DWELLING

(4607) E JULES 375 S Ocean Ave. One-story and basement frame dwelling.
 Owner—Margaret O'Connor, 308 Jules Ave., San Francisco.
 Architect—None.
 Contractor—C. E. Soules 159 Brighton St., San Francisco. \$4000

SHOP

(4608) S McLEA CT. 112 NE Ninth St. One-story and mezzanine floor reinforced concrete carpenter shop.
 Owner—J. V. Campbell, 1040 Bryant St., San Francisco.
 Architect—None. \$4000

OFFICES

(4609) NE FOURTH AND WELSH. One-story and mezzanine floor Class C shop and offices.
 Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
 Architect—E. E. Weihe, Sharon Bldg., San Francisco.
 Contractor—Geo. Wagner, Inc., 181 So. Park, San Francisco. \$20,000

GARAGE

(4610) W MAIN 137-6 N Howard. Two story concrete Class A garage.
 Owner—L. M. H. E. and S. H. Cowell, 2 Market St., San Francisco.
 Architect—Ward & Blohme, 454 California St., San Francisco.
 Contractor—Ahl Bros., 55 New Montgomery St., S. F. \$46,000

MOVING & ALTERATIONS

(4611) N LOWER TERRACE, 196 Lower Terrace to be moved to Lot 43 Blk. P Map 5 Park Lane Trct. Moving, retaining walls, foundation, fences, grading, walks underpinning, steps, etc. 1-story frame residence.

Owner—Gussie I. & Edw. W. Miller, 196 Lower Terrace, S. F.
 Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
 Contractor—Jenkins & Gross, 3360 Market St., S. F.
 Filed Nov. 3, 1924. Dated Oct. 25, 1924.
 Bldg. moved to new location \$1458.00
 Completed and accepted 1458.75
 TOTAL COST, \$2916.75

Bond, \$1458.75. Sureties, G. C. Jenkins & J. F. Hamann. Forfeit, none. Limit, 60 days. Plans and specifications filed.

APT. BUILDING

(4612) N FILBERT 160 E WEBSTER S 125 x E 37-6 Two-story and basement frame apartment bldg.
 Owner—C. Giampaoli.
 Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., San Francisco.
 Contractor—M. E. Greene, 180 Jessie St., San Francisco.
 Filed Nov. 3, 1924. Filed Oct. 24, 1924.
 Wall and roof sheathing on 3241
 Brown wood 3241
 Completed and accepted 3241
 Usual 35 days 3242
 TOTAL COST, \$12,965

Bond, none. Sureties, Maryland Casualty Co. Forfeit, none. Limit 120 days. Plans and specifications filed.

BAKERY

(4613) W POWELL 112 6 N FILBERT. One-story and basement frame bakery.
 Owner—J. De Martini, 1830 Mason St., San Francisco.
 Architect—Paul F. De Martini, 946 Broadway, San Francisco. \$3000

DWELLING

(4614) E CAPITOL AVE. 125 S HOLWAY. One-story and basement frame dwelling.
 Owner—Meyer Bros., 1 Montgomery St., S. F.
 Architect—None. \$3000

DWELLING

(4615) E 20TH AVE. 150 S NOREIGA. Two-story and basement frame dwelling.
 Owner—H. S. Meinberger, 653 15th Ave., San Francisco.
 Architect—None. \$5000

DWELLING

(4616) S PALOU 200 W NEWHALL. One-story and basement frame dwelling.
 Owner—T. A. Sourich, 1733 Palou Av., San Francisco.
 Architect—Plans by owner.
 Contractor—Co-Operative Builders, 625 Market St., S. F. \$4000

DWELLING

(4617) NE SAN JOSE & TINGLEY St. One-story and basement frame dwelling.
 Owner—Thos. E. Allen.
 Architect—None.
 Contractor—Lindsay Construction Co., 271 Winchester St., S. F. \$3200

DWELLING

(4618) SE ITALY & EDINBURGH. One-story and basement frame dwelling.
 Owner—E. Wickersham, 694 San Jose Ave., S. F.
 Architect—W. Douglas Gildert, 817 Ashbury St., S. F. \$3500

FLATS (2)

(4619) N GOLDEN GATE AVE. 75 E Arguello. Two-story and basement frame (2) flats.
 Owner—Frank Kane, 779 7th Ave., S. F.
 Architect—None. \$6000

GARAGES WASH ROOM

(4620) 3826-3834 CALIFORNIA ST. Hollow tile garages and wash rm.
 Owner—Chas. Dondero, 3832 California St., S. F.
 Architect—None.
 Contractor—Bruce & Ash, 1920 Post St., Room 24, S. F. \$2000

ALTERATIONS

(4621) E RHODE ISLAND 125 N 22ND. More cottages to another location and make general repairs.
 Owner—Rhode Island, 917 Rhode Island St., S. F.
 Architect—C. R. Scharland, 917 Rhode Island St., S. F.
 Contractor—Scharland Bros., 917 Rhode Island, S. F. \$1000

Oct. 29, 1924—N TARAVAL 32-6 E
20th Ave. E 50x100 N. John E Hill
to whom it may concern. Oct. 29, 1924
Oct. 29, 1924—E TWELFTH AVE.
37-6 N Lawton N 50x E 82-6.
Richard F Cassidy to L H Stevenson.
Oct. 29, 1924—E TWENTY-THIRD
and S E line ppty Westgate Park
Co NW 73.50 from point beg to
following SE line Monterey Blvd
N 150 S 150 S 150 S 60 E 120 E.
Alexander E Richards to whom
it may concern. Oct. 28, 192
Oct. 29, 1924—N BEACH 90 W Retiro
Way W 30 x N 100, Lot 9. H.K. 139
A. K. No. 100. S.W. 1/4 Sec. 10, T.
Herbert J. Weiss to R. J. Stempel
Oct. 29, 1924—E 3RD 413 N QUES-
ada Ave. N 63-10-0 E 139-0-2 S 60
W 120 E 1/2. %%.
Rasori. Oct. 29, 1924—E 15, 15, 24
Oct. 29, 1924—S PIERCE 55 W Union
55 x 85. Emil Nelson to whom it
may concern. Oct. 29, 1924
Oct. 29, 1924—LOT 10 BLK 12, Flint
Tract Hd. Assn. Lester Ball to Wm.
Hornstreyer Co. Oct. 29, 1924
Oct. 29, 1924—E 35TH AVE. 225 N
Livingston 25 E 120. Thos. E.
Tassally and E. R. Emory to Jas.
Arnott & Son. Oct. 16, 1924
Oct. 29, 1924—E 38TH AVE. 250 S
Geary S 25 x E 120. Jacob H.
Thurp to whom it may concern.
Oct. 29, 1924
Oct. 29, 1924—E 28TH AVE. 125 AND
150 N Judah 25 x 120. Standard
Bldg. Co. and Carl E. Geller to
Geller to whom it may concern.
Oct. 29, 1924
Oct. 25, 1924—NW JONES & TURK
67-8 on Jones x 77 on Turk. Wal-
ter Plummer to whom it may
concern. Oct. 29, 1924
Oct. 29, 1924—W PLYMOUTH AVE.
175 N Grafton Ave. Henry Erick-
son to whom it may concern. Oct.
Oct. 29, 1924—S BRYANT AND MORRIS
Ave. Margaret Rourke to
whom it may concern. Oct. 27, 1924
Oct. 29, 1924—E 4TH AND 5TH
Ave. 475 S Taraval S 25x120. A.
Erickson & Co to whom it may
concern. Oct. 29, 1924
Oct. 30, 1924—E VIRGINIA AVE. 60
W 120 Widge W 40x E 120. Josephine
M Wardell to whom it may concern.
Oct. 30, 1924
Oct. 30, 1924—W TWENTY-FIFTH
Ave. N 80 x E 120. A. W.
M Tadwick to Meyer Bros. Oct.
Oct. 30, 1924—E THERESA 143.52 S
San Jose Ave S 50x E 100 Lots 33
and 34. De La Cruz to whom it
Berta to J C Bortano. Oct. 29, 1924
Oct. 29, 1924—S WASHINGTON 128
W Cherry W 32x S 127-8-8. Joseph
Sokolov to whom it may concern.
Oct. 29, 1924
Oct. 31, 1924—COM. 525 N 85° 40' E
from int. S Humboldt & E Georgia
N 20° W 75 N 85° 40' E 80 S 4°
20' E 80 S 80 E 120. To
beg. Pacific Gas & Electric Co. to
N. Heidt Cornice Wks. Oct. 25, 1924
Oct. 31, 1924—S MULLEN 155 E AL-
abama 49 S Mullen Ave. Fred
Mullen to whom it may concern.
Oct. 30, 1924

Oct. 31, 1924—N CORLIAND AVE. 184 E. Prospect Ave. 18 25x80. Herman and Emma Molander to whom it may concern. Oct. 31, 1924

Oct. 31, 1924—W HICANT 352 N Silver Ave. N 25-2 x W 75. Wm. Powell to Lindsay Construction Co. Oct. 28, 1924

Oct. 31, 1924—S UNION 185 E VAN Ness Ave. E 28 x S 45 25x100. Victor Zullman to whom it may concern. Oct. 25, 1924

Oct. 31, 1924—N HOLLOWAY AVE. 75 W Faxon Ave. W 50 x N 112-6. Meyer Bros. to whom it may concern. Oct. 26, 1924

Oct. 31, 1924—LOTS 25, 26 & 27 BLK. 6452 Crocker Amazon Tract, Sub 2. Crocker Estate Co. to whom it may concern. Oct. 25, 1924

Oct. 31, 1924—LOT 19 BLK Q M P. Crocker Estate Co. to whom it may concern. Oct. 25, 1924

Oct. 31, 1924—ON POR. OF UNSUBDIVIDED LANDS BELONGING TO Crocker Estate Co. v. to SE of and adjacent to Crocker Amazon Tract Sub. No. 2. Crocker Estate Co. to whom it may concern. Oct. 25, 1924

Nov. 1, 1924—3411 E 11th St. W. 68-95x37-6. Margaret Bell & E. H. Burke to Bowes & Bell. Nov. 1, 1924

Nov. 1, 1924—S RAY 250 E Octavia E 25x83 17-6. Mrs. Bessie Cooley to R. J. Steiner. Nov. 1, 1924

Nov. 1, 1924—S W GOUCH AND Chestnut S 100xW 50. Stock & Jose to whom it may concern. Oct. 30, 1924

Nov. 1, 1924—NE SACRAMENTO & Steiner E 93-9XN 53. G. Merzbach to whom it may concern. Oct. 30, 1924

Oct. 31, 1924—W 35TH AVE. 250 x 275 N of Irving. Frank A. Soracco to whom it may concern. Oct. 31, 1924

Oct. 31, 1924—LOT 49 BLK. 6664 ppty. known as 259 Randall. J. T. & Sophie A. Hayden to A. A. Wendunk. Oct. 26, 1924

Oct. 31, 1924—E 38TH AVE. 175 S Anza 25 x 120. L. M. Carusio to whom it may concern. Oct. 25, 1924

Oct. 31, 1924—S FLOOD AVE. 100 W Genessee W 25 x S 112-6 Tct. 24 Blk 2 Sunnyside also Lots 1, 2 and 3 Blk 43 Resub. Sunnyside. Moneta Investment Co. to James Arnott & Son. Oct. 17, 1924

Oct. 31, 1924—W CRAUT 79-3 W Silver Ave. W 25 x W 75. Wm. Powell to Lindsay Construction Co. Oct. 28, 1924

Oct. 31, 1924—KEY LOT N WASHINGTON W of Cherry. M. P. Lillenthal to Mattochi & Rexy. Oct. 28, 1924

Oct. 31, 1924—S TARAVAL 82-6 E 24TH Ave. 25 x 100. Armen Nishkian to whom it may concern. Oct. 30, 1924

Oct. 31, 1924—COM. 312 S FROM SW int. of Oakwood & 15th St. 25 x 20. Lindsay Construction Co. Oct. 31, 1924

Nov. 3, 1924—S CALIFORNIA 137-6 E Gough, E 40 x S 137-6. J. V. Campbell to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—S O'FARRELL 114-6 E Larkin 48 x 137-6. E. V. Lacey to L. Vannucci & Bros. Nov. 3, 1924

Nov. 3, 1924—S CALIFORNIA 177-6 E Gough E 40 x S 137-6. J. V. Campbell to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—S MAGELLAN KNOWN as Blk. 2, Lot 45, Forest Hill John Hadelor and John F. Beutler to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—E 35TH AVE. 250 S Cabrillo S 25 x E 120. Bryan Feerick to whom it may concern. Oct. 29, 1924

Nov. 3, 1924—NO. 1939-1941-1943-1945 Ocean Ave. Maude M. Harris and Isabel H. Allison to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—E MADRID 250 S France 25x100. H. G. Camrading to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—E SEVENTH AVE 50 S Cabrillo S 25x E 115. H. P. Zinkand to whom it may concern. Oct. 29, 1924

Nov. 3, 1924—COM. ON OCTAVIA 100 N Chestnut 25x110 No. 3225 Octavia. Chas. P. Boyson to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—E THIRTY-FIFTH 10 N Cabrillo S 25x E 126. S. F. Johnson to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—NW ELEVENTH AVE. 100 S. T. and Fremont Hughes to whom it may concern. Nov. 3, 1924

Nov. 3, 1924—FRANKLIN 101 E Colindova 30x100. Christopher R. Mills to whom it may concern. Oct. 31, 1924

Nov. 3, 1924—W ASHTON AVE. 120 Central Ave. N 10 W 33-8 S 40. J. B. Blue to J. B. Blue & Sons. Oct. 25, 1924

Nov. 3, 1924—E 35TH AVE. 250 S Cabrillo S 25 x E 120. J. B. Blue to J. B. Blue & Sons. Oct. 25, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 28, 1924—E LEXINGTON 108 Sycamore S 25x E 80. O. H. Frisk & C. Swanson vs. Philippe Saure and P. Lind. \$51.92

Oct. 29, 1924—N GEARY 82-6 W 8TH Ave. W 15 x N 100. William Smith R. Smith, R. S. Firmonse and P. Maury vs. Wm. Smith Co. and Wm. Smith Co. vs. Roman Catholic Archbishop of San Francisco. \$237.30

Oct. 29, 1924—COM. AT PT. ON Mendocino E 20th Ave. E 25 S 150 W 20 N 50 W 5 N 100. Frank Portman as Portman's Planning Mill vs. Ludwig and May P. Hansen. \$558.80

Oct. 30, 1924—N GEARY 108 W 8TH Ave. W 50 x N 100. E. M. Hubbard vs. Roman Catholic Archbishop and Andrew Lynch. \$41.92

Oct. 30, 1924—N GEARY 82-5 W 8TH Ave. W 75 x N 100. P. O. Lind vs. Andrew Lynch and Roman Catholic Archbishop. \$41.92

Oct. 30, 1924—E LEXINGTON AVE. 135 N 18th N 25 x E 80. S. Marianni & Sons vs. Philippe Saure & M. E. Green. \$149.65

Oct. 30, 1924—E LEXINGTON AVE. 116 S Sacramento Ave. S 25 x E 80. Albert Pope, Frank Murphy, S. M. Gile, Verda Maddox, O. Jacobson and J. Schroeder vs. Philippe Saure and M. E. Green. \$185

Oct. 30, 1924—E LEXINGTON AVE. 135 N 18th N 25x E 80. J. K. Stewart vs. Philippe Saure and M. E. Green. \$152

Oct. 30, 1924—N GEARY 108 W 8th Ave. W 45xN 100 No. 4420 Geary. Pacific Mfg. Co. vs. The Roman Catholic Archbishop of S. F. and Andrew Lynch. \$2525.50

Oct. 30, 1924—NE 6-66 FT. LOT 36 and all Lot 37 Blk 2, Forest Hill. P. J. Rudenko (as Pacific Floor Co.) vs. N. J. Malville, and A. McCauley & A. Weber (as McCauley & Weber). \$124.50

Oct. 30, 1924—N O'FARRELL 377-6 W Steiner W 22xN 82-6. George M. Merritt Bldg. Co. vs. Wm. F. and Nellie C. Itsell. \$7400

Oct. 30, 1924—E LEXINGTON AVE. 135 N 18th E 80xN 25. J. S. Guerin & Co. vs. Philippe Saure and M. E. Green. \$243.45

Oct. 30, 1924—E BRIGHT 430 S Holloway S 30x E 100. John Cassarotto vs. G. W. Yost. \$324.82

Oct. 31, 1924—E LEXINGTON 135 N 15th N 25 x E 80. Reinhart Lumber & Planing Mill Co. vs. M. E. Greene. \$416

Oct. 31, 1924—E EUREKA & KEITH NE 100 x SE 25. Eureka Sash Door & Moulding Mills vs. Gust Michos. W. P. Rommes. \$57.23

Oct. 31, 1924—E LEXINGTON AVE. 135 N 15th N 25 x E 80. P. A. Smith Co. vs. Philippe Sauer, M. E. Green. \$195

Oct. 31, 1924—NE REVERE & KEITH 25 on Revere & 100 on Keith. P. A. Smith Co. vs. Gust Michos, W. P. Rommes. \$57.23

Oct. 31, 1924—897 & 899 OCEAN AVE. Thomas H. Grim & H. P. Conway as Grimes & Conway vs. Harry Epstein. \$83.90

Oct. 29, 1924—S ANDOVER 200 N Crescent Ave. N 25 x E 70. Frank Portman vs. Portman's Planning Mill vs. John T. and Elizabeth A. Denahy and J. J. Mullane. \$123

Nov. 3, 1924—W BRIGHT 310 S Holloway S 25xW 100. John Cassarotto to David A. Bailey. \$195

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 28, 1924—S MARKET bet. 7th and 8th known as Crystal Palace Market No. 1175 Market. Pioneer Plate & Window Glass Co. to Marion Realty Co. \$195

Oct. 30, 1924—N ST. ROSES 60 W Masonic Ave. W 75xN 100. Christensen Lumber Co. to Mary Ostrander. \$195

Oct. 30, 1924—N ST. ROSES 85 W Masonic Ave. W 25xN 100. M. Stulsaft & Co. to Mary W. Ostrander and Rasmus Albertson. \$195

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

129 Niosi	Palo	7000
129 O'Dough	Sims	3000
5731 Hammerberg	Owner	5750
5732 Maquay	Owner	3000
5733 Woodburn	Owner	4500
5734 Birch	Owner	1500
5735 Zolling	Brown	2000
5736 Lohr	Owner	2750
5737 Smith	Foreman	3000
5738 Graves	Owner	3000
5739 Wrench	Carrela	3200
5740 Duncan	Birch	7500
5741 Birch	Owner	15000
5742 Dowling	Owner	6000
5743 Suenderman	Owner	2500
5744 Congdon	Wood	3000
5745 Berkeley	Owner	1200

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets \$93,198,226.96
Capital, Reserve and Contingent Funds. 3,900,000.00
Employees' Pension Fund. 446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
Owner—M. Archibald, 1217 Josephine St., Berkeley.
Contractor—H. A. Scherlock, 1623 Shattuck Ave., Berkeley. \$6000

BUILDING
(5748) 47 DOMINGO, Berkeley. Dwlg
contracted by Kinnick Business Court
apts, Berkeley.
Contractor—Heard Patterson, 526 Powell St., San Francisco.

CONTRACTOR—A. S. Holmes, 357 12th St., Oakland. \$12,500

DWELLING
172 N. SEVENTY-FOURTH AVE.
172 S. Hillside, Oakland. 4-room dwelling and garage.
Owner—Harry Rawlings, 643 E-14th St., Oakland.
Architect—None. \$2150

STORES
(5759) 2701 E-9TH ST., OAKLAND.
One-story stores.
Contractor—Anton Canabara, 823 28th Ave., Oakland.
Architect—None. \$1500

FABRIKY
(5751) S. 29TH ST. 140 W. WEST ST., Oakland. One-story tile factory.
Owner—A. Vis, 181 Vernon Terrace, Oakland.
Contractor—J. T. Kingree, 4116 Terrace St., Oakland. \$7000

(5752) NE COR. 64TH & MARSHALL STs., Oakland. Alterations.
Owner—Alexander Munro, 6327 San Pablo Ave., Oakland.
Architect—None.
Contractor—S. M. Pherson, 2151 Ashby Ave., Oakland. \$1000

DWELLING
(5753) 1362 CAVANAUGH RD., OAKLAND. One-story 6-room dwelling.
Owner—Willis A. Everhart, 555 55th St., Oakland.
Architect—None. \$1500

FLATS
(5754) NW COR. 27TH AVE. & E-23RD ST., Oakland. Two-story 8-room flats.
Owner—Miss M. E. Reifel, 2620 E-23rd St., Oakland.
Architect—None.
Contractor—E. R. Taylor, 1705 89th Ave., Oakland. \$5000

DWELLING
(5755) NE COR. 99TH AVE. AND STEARNS AVE., Oakland. 1-story 5-room dwelling.
Owner—R. Barton, 2795 99th Avenue, Oakland.
Architect—None. \$2500

DWELLING & GARAGE (2)
(5756) 2907, 2915 56TH AVE., OAKLAND. Two 1-story 5-room dwlgs.

Owner—E. W. Dahl, 2435 East 24th St.
Oakland.
Architect—None. \$3600 ea.

DWELLING
(3757) W 68TH AVE. 510 N AVENUE
Ave., Oakland. One-story 4-room
dwelling.
Owner—Roy Wilson, 1455 86th Ave.

Architect—None. \$300

DWELLING
(5758) S STANLEY RD. 85 E 99TH
Ave., Oakland. One-story 6-room
dwelling.
Owner—Edward McPhail, 2852 99th
Ave., Oakland.
Architect—None. \$200

DWELLING & GARAGE
(5759) 2551 63RD AVE., OAKLAND
One-story 6-room dwelling and
garage.
Owner—D. W. Parks, 2536 63rd Ave
Oakland.
Architect—None \$360

DWELING
(5760) 2421 HAVENSCOURT BLVD
Oakland. One-story, 6-room dwlg
Owner—W. E. Pack, 407 44th Stree
Oakland.
Architect—None. \$400

DWELLING

(5761) 2930 55TH AVENUE, OAKLAND. One-story 5-room dwelling. Owner—Andrew Stenbro, 4310 Division St., Oakland. Architect—None. \$3000

FLATS, STORES

(5762) SW COR. MONTCLAIR AVE. and Park Blvd., Oakland. 2-story 6-room flats and stores. Owner—J. L. Schultz, 618 Brooklyn Ave., Oakland. Architect—L. F. Hyde, 372 Hanover Ave., Oakland. \$8000

APARTMENTS

(5763) 252, 254, 256 AND 258 OAKLAND AVE., Oakland. 2-story 12-room apartments and garage. Owner—H. W. McIntire Co., 1528 Franklin St., Oakland. Architect—None. \$10,500

SHOP

E BROADWAY 68 S RIDGEWAY AVE., Oakland. 1-story tile auto repair shop.

Owner—Mrs. M. E. Kaufman, Berkeley. Architect—None. Contractor—Hansen, Robertson & Zumwalt, 4145 Broadway, Oakland. \$10,000

NOTE — Recorded contract reported Oct. 23, 1924, No. 5603.

(5764) E SIDE OF SIXTY-FIFTH AVE. 250 E. N of E-14th St., Oakland. General construction 5-room frame bungalow.

Owner—Wm. Kloos, Oakland. Architect—None. Contractor—G. H. Butzbach & Son, 8039 E-14th St., Oakland.

Filed Oct. 30, 1924. Dated Oct. 7, 1924. When building is completed, \$3585 TOTAL COST, \$3585 Bond, sureties, forfeit, none. Limit, 90 working days from Oct. 21, 1924. Plans and specifications not filed.

DWELLING

(5765) 515 ARLINGTON AVE., Berkeley. Dwelling. Owner—W. E. Frayles, Berkeley. Architect & Contractor—Fox Bros. 1926 University Ave., Berkeley. \$5500

DWELLING

(5766) 2952 ASHBY, Berkeley. Dwlg. Owner—Jas. Brazier, 1912 Blake Street Berkeley. Architect—None. \$4500

DWELLING

(5767) 120 SOUTHAMPTON, Berkeley. Dwelling. Owner—Fred Townsend, 1522 Ada St., Berkeley. Architect—Hudson Thomas, 2726 Dwight Way, Berkeley. \$7000

DWELLING

(5768) 1624 BEVERLY PLACE, Berkeley. Dwelling. Owner—L. Buchenery 1949 Milvia, Berkeley. Architect—None. Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley. \$3000

DWELLING

(5769) 5 HILCREST COURT, Berkeley. Dwelling. Owner—R. Perritt, Euclid Ave., Berkeley. Architect—None. Contractor—O. F. Lyon, 520 San Fernando, Berkeley. \$10,000

DWELLING

(5770) E LYMAN RD. 500 N Fruitvale Ave., Oakland. 1-story 6-room dwlg. Owner—Wm. A. Petersen, 1133 Wellington Ave., Oakland. Architect—None. \$3500

DWELLING

(5771) 518 SANTA RAY AVE., Oakland. 1-story 6-room dwelling. Owner—Chas. E. Bardwell, Jr., 522 Santa Ray Ave., Oakland. Architect—None. \$5000

DWELLING

(5772) N PROSPECT AVE. 80 E Kenwyn Rd., Oakland. 1-story 6-room dwelling and garage. Owner—Frank Johnson, 3027 Bateman St., Berkeley. Architect—None. Contractor—Morgensen Bros., 5664 Broadway, Oakland. \$6400

ADDITION

(5773) N E-FOURTEENTH ST W 96th Ave., Oakland. Brick addition. Owner—Pacific Telephone & Telegraph Co., 307 Sheldon Bldg., S. F. Architect—E. V. Cobby. Contractor—W. G. Thornally, 357 12th St., Oakland. \$22,140

ALTERATIONS

(5774) NO. 309 PALA AVE., Piedmont. Alterations. Owner—F. C. Wells, Premises. Architect—None. Contractor—F. L. Burnett, 5950 Prospect Drive, Oakland. \$1575

RESIDENCE

(5775) NO. 545 BOULEVARD WAY, Piedmont. Residence and garage. Owner—Herbert K. Henderson, 198 Mountain Ave., Piedmont. Architect—Roy Lancaster, 1426 Franklin St., Oakland. \$5100

RESIDENCE

(5776) NO. 300 HAMPTON ROAD, Piedmont. Residence and garage. Owner—Chas. D. Bates, Oakland Bank Bldg., Oakland. Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F. Contractor—Bates & Berland, 528 Oakland Bk. Bldg., Okd. \$30,000

DWELLING

(5777) NO. 1246 ADDISON ST., Berkeley. Dwelling. Owner—M. Schwind, 1805 Bonita Ave., Berkeley. Architect—None. \$2300

DWELLING

(5778) 2656 73RD AVE., OAKLAND. One-story 5-room dwelling. Owner—A. Johnson, 2202 Seminary Ave., Oakland. Architect—None. \$2500

DWELLING

(5779) 883 41ST STREET, OAKLAND. One-story 3-room dwelling. Owner—E. Hauke, 746 5th Ave., Oakland. Architect—None. \$2000

DWELLING

(5780) W LINDEN ST. 175 S 14TH St. (Rear), Oakland. One-story 4-room dwelling. Owner—A. L. Anderson, 1305 Linden St., Oakland. \$1600

DWELLING

(5781) 780 TRESTLE GLEN ROAD, Oakland. Two-story 8-room dwlg. Owner—Mrs. Pauline. Architect—None. Contractor—A. H. Monez, 3321 Adell Court, Oakland. \$6000

DWELLING & GARAGE

(5782) N JAYNE AVE. 90 E PERKINS ST., Oakland. One-story 5-rm. dwelling and garage. Owner—J. B. Hayward, 297 Perry St., Oakland. Architect—None. Contractor—N. Gaubert, 4735 Brookdale Ave., Oakland. \$4800

ALTERATIONS

(5783) 3505 TELEGRAPH AVENUE Oakland. Alterations. Owner—Mrs. Mida Rasaner, 3505 Telegraph Ave., Oakland. Architect—None. \$1200

DWELLING

(5784) 3051 60TH AVENUE, OAKLAND. One-story 5-room dwelling. Owner—J. A. Beyer, 3051 60th Avenue, Oakland. Architect—None. \$2300

FIRE REPAIRS

(5785) 3668 23RD AVE., OAKLAND. Fire repairs. Owner—Mr. Davidson, 2219 25th Ave., Oakland. Architect—None. Contractor—A. H. Rose, 478 25th St., Oakland. \$2500

DWELLING

(5786) N SUTTER ST. 35 E ABEY St., Oakland. One-story 5-room dwelling. Owner—David Walton. Architect—Jos. Coward, 1930 East 27th St., Oakland. \$4000

DWELLINGS (2)

(5787) 5927-33 MILLS ST., OAKLAND. Two 1-story 5-room dwellings. Owner—Mark Page, 2050 55th Avenue, Oakland. Architect—None. \$3000 each

DWELLING

(5788) 3426 ADELINE ST., OAKLAND. One-story 5-room dwelling. Owner—E. O. Francis, 1422 14th Ave., Oakland. Architect—None. \$3000

Architect—None.

\$4250

DWELLING & GARAGE

(5789) 1900 94TH AVE., OAKLAND. One-story 5-room dwelling and garage. Owner—A. J. Michaelson. Architect—None. Contractor—J. F. Patterson, 2001 Patterson, 2001 68th Ave., Oakland. \$3200

ALTERATIONS & ADDITION

(5790) 746 GRAND AVE., OAKLAND. Alterations and addition. Owner—E. B. Leonard, 1429 Franklin St., Oakland. Architect—None. \$10,000

DWELLING

(5791) 416 SANTA CLARA AVENUE, Oakland. One-story 9-room 3-family dwelling. Owner—Chas. H. Book, 412 Santa Clara Ave., Oakland. Architect—None. Contractor—J. F. Patterson, 2001 68th Ave., Oakland. \$10,000

DWELLING

(5792) 1060 HUBERT ROAD, OAKLAND. Two-story 3-room dwelling. Owner—E. C. Jenner, 955 Delaware St., Berkeley. Architect—Willis C. Lowe, 1056 Hubert Rd., Oakland. Contractor—C. D. Woody, 910 Delaware St., Berkeley. \$9200

RESIDENCE

(5793) W SIDE OF MARKET ST. 68 S of 43rd St., Oakland. One-story frame residence. Owner—Domenico Siri, 891 41st St., Oakland. Architect—None. Contractor—M. E. Valente, 5215 Locksley Ave., Oakland.

Filed Nov. 1924. Dated June 17, 1924. Frame up \$1050 Plastered 1050 Completed and accepted 1050 Usual 35 days 1050 TOTAL COST, \$4200 Bond, yes. Sureties, none. Forfeit, none. Limit, 65 working days. Specifications filed. Plans, none.

CHURCH

(5794) SE COR. 61ST ST. & IDAHO St., Oakland. One-story frame church. Owner—Golden Gate Methodist Episcopal Church, 5611 San Pablo Ave., Oakland. Architect—Wythe Blaine & Olson, 1800 Telegraph Ave., Oakland. Contractor—Thos. A. Cuthbertson, 1716 12th Ave., Oakland.

Filed Nov. 3, 1924. Dated Oct. 24, 1924. Frame up 822 1st coat of plaster 822 Completed and accepted 822 Usual 35 days 822 TOTAL COST, \$3289 Bond, yes. Sureties, F. H. McCullum & F. W. Roth. Forfeit, none. Limit, 60 working days from filing of contract. Plans and specifications.

SHOP

(5795) COR. EIGHTH AND CARLTON STs., Berkeley. Shop. Owner—Threaded Products Co., 8th and Carlton Sts., Berkeley. Architect—None. Contractor—M. Hamilton, 603 Colusa, Berkeley. \$1000

DWELLING

(5796) 728 EUCLID AVE., Berkeley. Dwelling. Owner—Harvey Jewett, 1317 Hearst Ave., Berkeley. Architect—B. Estez, 1315 Hearst Ave., Berkeley. \$3500

ADDITION
(5799) 2204 PRINCETON ST., Berkeley.
Add 1 1/2-story 4-room dwlg.
Owner: Mrs. Beffell, 221 1/2 St. Oak-
land.
Architect: None.
Contractor—J. Hawkins, 2025 Emerson
St., Berkeley. \$1500

DWELLING
(5797) 208 CARLTON, Berkeley.
Dwelling.
Owner: James Nichols, Jr., 2842 Chest-
nut St., Berkeley.
Architect: None. \$2200

DWELLINGS
(5799) 1635 ASHBURY AVE., and 1526-
10 and 11 1/2 St., Berkeley.
Four dwellings.
Owner: Walter Hammond, 89 Noma
Drive, Oakland.
Architect: None. Each \$4750

DWELLING
(5800) 1131 PORTAL AVE., OAK-
land. One-story 6-room dwlg.
Owner—Alder & Clark, 2907 Florida St.,
Oakland.
Architect: None. \$6000

DWELLING
(5801) W. EVERETT AVE., 100 N.
Oakland. One-story 5-rm.
family dwelling.
Owner: A. E. Waldman, 1205 Hopkins
St., Oakland.
Architect: None. \$6000

DWELLING
(5802) 1431 HOWE ST., OAKLAND.
One-story 5-room dwelling.
Owner—Michele Dadone, 4481 Howe St.,
Oakland.
Architect: None. \$3500

DWELLINGS (2)
(5803) 10818 - 10826 SUNNYSIDE ST.,
Oakland. Two 1-story 5-room
dwellings.
Owner—T. J. McCord, 4741 East 14th
St., Oakland.
Architect: None. \$3000 ea.

DWELLING
(5804) 5410 TELEGRAPH AVENUE,
(Rear), Oakland. One-story 5-rm.
2-family dwelling.
Owner—H. A. Blise, 630 58th St., Oak-
land.
Architect: None.
Contractor—T. C. Casha, 1839 40th Ave.,
Oakland. \$1200

DWELLING
(5805) N DAVIS ST., 65 W 35TH AVE.,
Oakland. One-story 4-room dwlg.
Owner—John J. Calkins, 3106 Fruit-
vale Ave., Oakland.
Architect: None.
Contractor—H. L. Vallery, 3636 Maple
Ave., Oakland. \$3000

DWELLINGS (2)
(5806) W 35TH AVE., 30 N DAVIS ST.,
Oakland. N Davis St., 30 W 35th
Ave., Oakland. Two 1-story 4-rm.
dwellings.
Owner—John J. Calkins, 3106 Fruitvale
Ave., Oakland.
Architect: None.
Contractor—H. L. Vallery, 3636 Maple
Ave., Oakland. \$2700 ea.

DWELLING & GARAGE
(5807) 1508 80TH AVE., OAKLAND.
One-story 5-room dwelling and
garage.
Owner—August Perry, 1729 98th Ave.,
Oakland.
Architect: None. \$3100

DWELLING & GARAGE
(5808) LOT 211, FOREST PARK, OAK-
land. 1-story 4-room dwelling &
garage.
Owner—Wickham Havens, Inc., 15th &
Franklin St., Oakland.
Architect: None.
Contractor—Theo. Victor, 815 Lincoln
Ave., Alameda. \$4200

STORES
(5809) NW COR. FOOTHILL BLVD.
& 42nd Ave., Oakland. One-story
stores.
Owner—J. Vollmer & X W. A. Gregory,
2910 Telegraph Ave., Oakland.
Architect: None.
Contractor—McWethy & Greenleaf,
2910 Telegraph Ave., Oakland. \$4000

ADDITION
(5810) 212 GLENWOOD GLADE,
Oakland. Two-story addition.
Owner: Geo. W. Anderson, 242 Glen-
wood Glade, Oakland.
Architect: None.
Contractor—McDonald & Friedman, 1686
Shattuck Ave., Berkeley. \$3000

DWELLING
(5811) 1630 10TH AVE., OAKLAND.
One-story 3-room dwelling.
Owner—W. E. Bradley, 1634 East 14th
St., Oakland.
Architect: None. \$1200

DWELLING
(5812) 1054 65TH STREET, OAK-
land. One-story 4-room dwlg.
Owner—W. Bernardini, 1056 65th St.,
Oakland.
Architect: None.
Contractor—John Passarino, 5518 San
Pablo Ave., Oakland. \$3400

DWELLING & GARAGE
(5813) S MATTHEWS RD., 30 W HOL-
man Rd., Oakland. Two-story 6-
room dwelling & garage.
Owner—D. D. Anloff, 595 54th Street,
Oakland.
Architect: None.
Contractor—E. A. Anloff, 595 54th St.,
Oakland. \$6200

DWELLING & GARAGE
(5814) 2667 67TH AVE., OAKLAND.
One-story 6-room dwelling and gar.
Owner—C. A. Rogers, 307 21st Street,
Oakland.

DWELLING
(5815) 1422 EXCELSIOR AVE., OAK-
land. One-story 5-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd.,
Oakland.
Architect: None. \$4850

DWELLING
(5816) S FLORA ST., 75 E 65TH AVE.,
Oakland. One-story 4-room dwlg.
Owner—G. C. Martin.
Architect: None.
Contractor—T. J. Wilson, 1497 66th Ave.,
Oakland. \$2900

APARTMENTS
(5817) N AFGAR ST., 212 W Telegraph
Ave., Oakland. 2-story 16-room
apartments.
Owner: Max Baker, 455 17th St., Oak-
land.
Architect: None.
Contractor—John Lindquist, 834 Talbot
Ave., Berkeley. \$12,000

STORE DWLG.
(5818) W FRUITVALE AVE., NO. 3431,
Oakland. 2-story 6-room store and
dwelling.
Owner—S. M. Rhoades, 3431 Fruitvale
Ave., Oakland.
Architect: None.
Contractor—Harry Meyers, 3216 Brook-
dale Ave., Oakland. \$8000

APARTMENTS
(5819) 751, 745 EAST-ELEVENTH ST.,
Oakland. Two 2-story 16-room
apartments.
Owner—V. A. Dunn.
Architect: None.
Contractor—J. E. Sprague. Each \$14,000

DWELLINGS
(5820) W MADERA AVE., 187, 224, 261,
298, 335, 372, 409 and 446 N Bird-
sall Ave., Oakland. Eight 1-story
5-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave.,
Oakland.
Architect: None. \$3000 each

DWELLINGS
(5821) W MADERA AVE., 150 AND 229
N Birdsall Ave., Oakland. Two 1-
story 4-room dwellings and gar-
ages.
Owner—K. A. Johanson, 2429 13th Ave.,
Oakland.
Architect: None. Each, \$2650

DWELLING
(5822) NW COR. MADERA AND CAM-
den Sts., Oakland. 1-story 5-room
dwelling and garage.
Owner—K. A. Johanson, 2429 13th Ave.,
Oakland.
Architect: None. \$3150

ADDITION, ETC.
(5823) NO. SIDE OF E-FOURTEENTH
ST., bet. 85th and 86th Aves., Oak-
land. General contract for addi-
tion and alterations to existing bldg.
Owner—Pacific Telephone & Telegraph
Co., 333 Grant Ave., S. P.
Architect—Engineer of Pac. T. & T.
Co.

Contractor—W. G. Thornally, 357 12th
St., Oakland.
Filed Nov. 5, 1924. Dated Oct. 30, 1924.
On the first day of each month and
at completion, 75% of work per-

formance.
Balance, 36 days after completion.
TOTAL COST, \$23,140.
Bond, \$23,140. Sureties, Continental
Casualty Co. Forfeit, \$50. per day.
Limit, 50 working days after Nov. 4,
1924. Plans and specifications filed.
NOTE: Permit reported Nov. 3, 24.
No. 5773.

OAKLAND BUILDING SUMMARY

Following is a segregated list of
building activities in the city of Oak-
land, covering the month of October,
1924, as compiled by T. W. Ryan, city
building inspector:

Classifications of Bldgs.	No. of Permits	Cost
1-story dwellings.....	355	\$1,015,526
1st 2-family dwellings.....	10	55,550
1-st 8-family dwlg.....	1	14,000
1st 2-st dwellings.....	4	21,200
1st 2-st dwlgs & stores.....	2	7,000
2-story dwellings.....	18	160,378
2-story flats.....	4	24,000
2-st flats & stores.....	2	17,000
2-story apartments.....	16	194,200
2-st apartments & stores.....	2	25,000
2-st apartments.....	1	36,000
1-st stores.....	6	23,850
1-st warehouse.....	1	1,850
1-st shop.....	3	4,500
1-story office.....	1	350
2-st office building.....	1	25,000
3-st office building.....	1	35,000
1-st brick shop.....	1	10,500
1-st brick garage.....	5	42,500
1-st brick stores.....	3	25,500
1-st brk cleaning works.....	1	400
1-st brick factory.....	1	16,350
1-st brick service stn.....	3	7,000
1-st brick addition.....	2	23,140
2-st brk stores & offices.....	1	18,000
2-st brick loft bldg.....	1	43,000
2-st brk & steel stores & offices.....	1	250,000
1-story tile garage.....	3	12,100
1-st tile service stn.....	2	3,500
1-st tile factory.....	1	7,000
2-st tile stores & lofts.....	1	36,000
1-st concrete dwlg.....	1	670
2-st concrete warehouse.....	1	15,000
2-st concrete stores.....	1	25,000
2-st concrete art bldg.....	1	87,887
2-st conc shop..... Add'l cost		600
1-st conc & tile dry kiln.....	1	12,000
3-st conc & steel stores & offices.....	1	42,330
1-st steel service stn.....	3	2,500
1-st steel comfort stn.....	1	500
Steel incinerator.....	1	7,500
1-st garages & sheds.....	365	75,387
Electric signs.....	4	8,977
Billboards.....	3	80
Additions.....	137	83,519
Alterations & repairs.....	196	100,909
Total.....	1210	\$2,619,703

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Oct. 29, 1924—3526 BOSTON AVE., Oakland. Nels C. Jorden to whom it may concern.....	Oct. 28, 1924
Oct. 29, 1924—LOT 41 & NE 15 OF Lot 42 Blk. H Map of Broadway Terrace, Oakland. John Calvin Evans, Jr., to William M. Holton	Oct. 29, 1924
Oct. 29, 1924—LOT 25 BLK. E LOW- er Piedmont Park, Piedmont. Axel Carlson to Aug Hendrickson	Oct. 23, 1924
Oct. 29, 1924—THE GROUNDS OF the University of California. The Regents of the University of Calif. to John M. Bartlett.....	Oct. 28, 1924

Co., Inc. vs. Albany Building Investment Co. \$333.12
Oct. 31, 1924—W 103.40 FT. OF LOTS
53 & 54 Map of the Orange Grove
Tract, San Leandro, R. D. Pearey
 & C. Moll (Robert D. Pearey and
Chas Moll) vs. G. Marini & C. M.
Flewelling \$210.50
Nov. 1, 1924—SW 103.04 FT. OF LOTS
53 & 54 Map of the Orange Grove
Tract, San Leandro, L. A. Gile vs.
G. Marini, C. M. Flewelling & R. D. Pearey \$283.40
Nov. 1, 1924—SE 15 FT. OF THE NW
20 FT. OF Lots 75 & 76 Map of the
Orange Grove Tract, San Leandro,
L. A. Gile vs. G. Marini, C. M.
Flewelling \$329.00
Nov. 1, 1924—NO. 186 & 185 DUTTON
Ave., San Leandro, Charles F. Os-
borne vs G. Marini, C. M. Flewelling
\$340.00
Nov. 1, 1924—W 103.04 FT. OF LOT
53 & 54 Map of Orange Grove Tract
Tract, San Leandro, R. D. Pearey
& C. Marini, C. M. Flewelling \$32.45
Nov. 1, 1924—NO. 156 & 162 DUTTON
Ave., San Leandro, Charles F. Os-
borne vs G. Marini, C. M. Flewelling

Oct. 29, 1924—LOT 28 MAP OF Imperial Heights, Oakland. Andrew Meyer vs. Jay F. Allen alias J. F. Allen alias J. F. Allen alias J. F. E. Alspaugh Allen \$1334.30

Oct. 29, 1924—LOT 42 BLK. 2811 Map No. 6 Regents Park, Albany. V. Perry vs. M. Logotela vs. C. Sampietro \$116

Oct. 29, 1924—LOT 41 MAP OF R. S. sub. Montgomery Tract, Oakland. Petroleum Sanitary Sink Co. vs. R. Kizzo & J. W. Merritt \$72

Oct. 29, 1924—LOTS 53 & 54 BLK. 277 MAP OF Orange Grove Tract, San Leandro. F. H. McLaughlin (Chris Nelson & Co) vs. G. F. Marini & C. M. Flewelling \$165

Oct. 29, 1924—LOTS 76 & 11 BLK. 10 Map No. 10 of Hamilton Tract, Berkeley. H. Prinz (C. H. Prinz Co.) vs. R. & Anna Grueter & Geo. E. Minnis \$850

Oct. 30, 1924—LOT 1 & POR. LOT 2 BLK. A Map of Hamilton Tract, Berkeley. Catharine Foley vs. John J. Tansey, Sadie Tansey & J. W. Slate \$57

Oct. 30, 1924—LOTS 53 & 54 MAP OF Orange Grove Tract, San Leandro. Louie Hecker vs. G. Marini & C. M. Flewelling \$483.54

Oct. 30, 1924—NE 20 OF LOT 71, ALL of Lots 72, 73, 74, 75 and 76 Map of Orange Grove Tract, San Leandro. Louie Hecker vs. G. Marini & C. M. Flewelling \$163.85

Oct. 30, 1924—LOTS 53 & 54 MAP OF the Orange Grove Tract, San Leandro. Louie Hecker vs. G. Marini & C. M. Flewelling \$130

Oct. 30, 1924—NE 20 OF LOT 71 & all of Lots 72, 73, 74, 75 and 76 Map of Orange Grove Tract, San Leandro. Louie Hecker vs. G. Marini & C. M. Flewelling \$150

Oct. 30, 1924—LOTS 53 & 54 MAP OF Orange Grove Tract, San Leandro. R. W. Shannon, T. A. Douglass & Mrs. R. W. Shannon (San Leandro Mill & Lumber Co) vs. G. Marini & C. M. Flewelling \$248.85

Oct. 30, 1924—NE 20 OF LOT 71 & all of Lots 72, 73, 74, 75 and 76 Map of Orange Grove Tract, San Leandro. R. W. Shannon, T. A. Douglass & Mrs. Shannon (San Leandro Mill & Lumber Co) vs. G. Marini & C. M. Flewelling \$732.15

Oct. 31, 1924—S 1/2 OF LOT 6 BLK. F. showing subdiv. of Pety Associates Tract, Oakland. Zenith Mill & Lumber Co. vs. Peto Villino, Madra Villino & Thompson & Wilson \$641.53

Oct. 31, 1924—LOT 1 BLK. A MAP of San Pablo Park Map No. 2. Berkeley. B. W. Harmon and H. Nicolai (Melrose Sheet Metal Wks) vs. A. J. Simon and E. W. Borden \$17.25

Oct. 31, 1924—D. D. D. Map of Levey's Scenic Park, Berkeley. Hoff Magnesite Co. vs. Clara P. Powell, San Francisco Builders, Inc., Perkins and Hughes, and F. E. Sawyer \$387.27

Oct. 31, 1924—2330 B. BROWNING St. Berkeley. Van E. Henderson vs. Fred A. Carrick & John Doe Sawyer \$88.74

Oct. 31, 1924—LOT 1 & 2 OF NE 1/4 of Lot 18 Blk. 3 Map of Regents Park Tract No. 7. E. P. Tenney

Recorded.	Amount
Oct. 30, 1924—LOT 13, B.L.K. 52, Higley's Map of Clinton, Oakland.	
Sunset Lumber Co. to N. J. and	
W. J. 19296	\$562.74
Oct. 30, 1924—PARCEL 2, beginning	
point on W line of Patton St. 130	
S of Chabot road running thence	
S 40 W 120 N 40 E 120 to pt. of	
beg. Parcel 2—Beg. at a point on	
W line of Patton Road 170 S of	
Chabot road running thence S 40	
W 120 N 40 E 120 to pt. of beg.	
Parcel 2—Beg. at a point on W line	
of Patton St. 20 S of Chabot Road	
thence S 40 W 120 N 40 E 120 to	
point of beginning. E. K. Wood	
Lumber Co. to A. Jines and L. L.	
Lucas	\$42.00
Oct. 29, 1924—5827 PATTON ROAD,	
Oakland. Rhodes-Jamieson & Co.	
to Arthur Jines and L. L. Lucas.	\$55.
Oct. 29, 1924—POR. LOTS 52 AND 53,	
Map of Alta Piedmont,	
Oakland Twp. C. W. Short to C.	
Maude Burdick	\$285.00
Oct. 29, 1924—POR. PLOT 51, Kellersberger's Map of the Ranchos of	
Vircente and Domingo	
Barry E. Barmore, Benson and	
Earle G. Alexander (Alexander &	
Lavenson Electric Supply Co.) to	
John Conant, Roy Thompson and	
Rockridge Electrical Co.	\$38.27
Oct. 29, 1924—PLOT 51, ALTA PIEDMONT	
FOR LOTS 50 AND 51 College Tract,	
Tyre Bros. Glass Co. to Rebecca-	
ford Hotel and Murch-Williams	

DWELLINGS
LOT 18 AND PART (F 19, BLK. 129,
South San Francisco. General
contract for two 1-story and base-
ment frame 5-room dwellings.
Owner—Addison L. Clark, 386 Geary
St., S. F.
Architect—None.
Contractor—McFay Bros., 603 First Na-
tional Bank Bldg., S. F.
Filed Oct. 24, 1924. Dated Oct. 8, 1924.
Sheathed \$1445.65
Browned 145.85
Completed 1445.65
Usual 30 days 1445.65
TOTAL COST, \$5782.60
Bond, sureties, forfeit, none. Limit, 80
working days. Plans and specifications
not filed.

BUNGALOW and garage, \$4500; Lot 21
Blk. N. Hayward San Mateo Co. own-
er, H. Niederreiter, 547 So. E. San
Mateo; contractor, Frank Ferrea,
712 5th, San Mateo.

◆

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Oct. 27, 1924—Lot 273, SAN MATEO
County, 1 1/2 addition, San Mateo, C.
H. Eilers to C. H. Bessett Bldg. Co.
..... Oct. 17, 1924

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

GLASS



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Silkenwhite Enamel

Fuller Oil Stains

Factory White Enamel

Fullerwear Spar Varnish (for
inside and outside)

15 For Floors Varnish

40 For Finishing Varnish

Floor Wax

Conqueror Paint and Varnish
Remover

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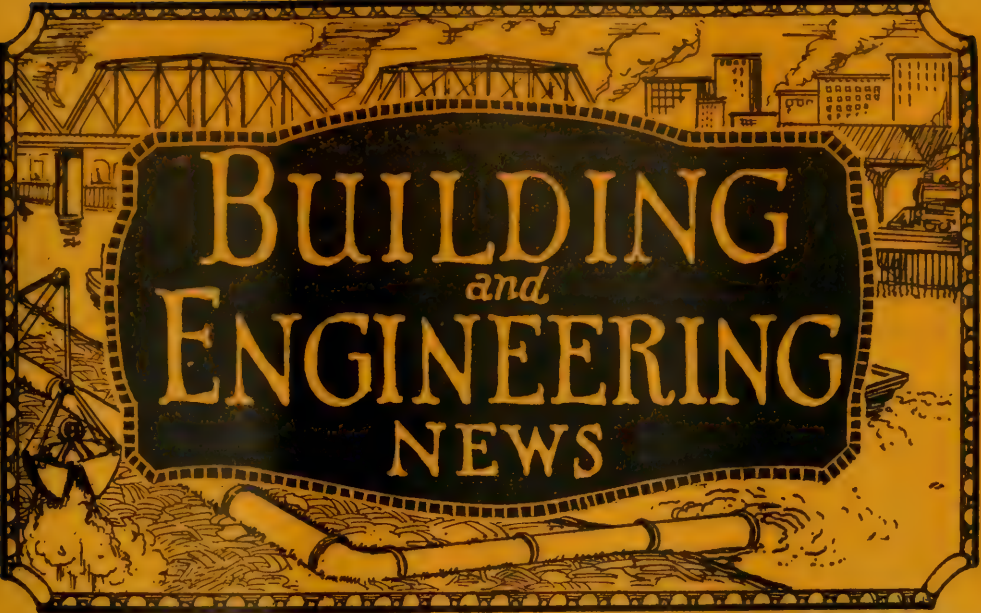
OAKLAND
SACRAMENTO
STOCKTON
FRESNO

LOS ANGELES
HOLLYWOOD
PASADENA
LONG BEACH

SAN DIEGO
SANTA MONICA
SAN BERNARDINO
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SAN FRANCISCO, CALIF., NOVEMBER 15, 1924

Published Every Saturday
Twenty-fourth Year No. 46

Schumacher

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*Permanence
Economy*

Wall

Warehouses

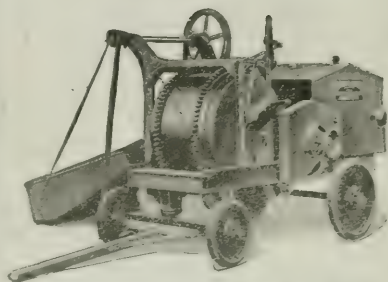
San Francisco Oakland
San Rafael

*Appearance
Comfort*

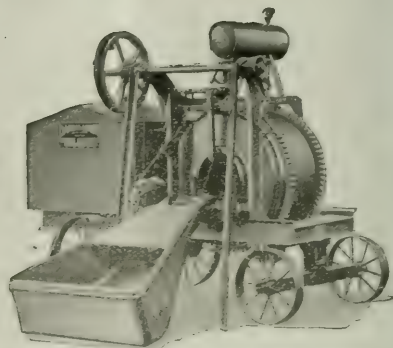
Board

For Sale by All Lumber and Building Material Dealers

KOEHRING DANDIE Light Mixer



Dandie with steel disc wheels and solid rubber tires; power charging skip, water tank and gasoline engine.



Dandie with steel trucks; power charging skip, water tank and gasoline engine.

EQUIP it to your special needs. Rubber tires to save the time waste of between-job hauls, and to expand your working territory. *Light duty hoist. Low charging platform or power charging skip. Automatic water-measuring tank.*

Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

—no—but the most remarkable value of all light mixers—and still within the range of light mixer prices.

CAPACITIES

4 and 7 cu. ft. mixed concrete, steam or gasoline power. May be equipped with power charging skip or low charging platform with hopper, light duty hoist, automatic water measuring tank. Mixes mortar as well as concrete.

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Pavers, Mixers, Cranes, Draglines, Power Shovels
MILWAUKEE, WISCONSIN

DANDIE MIXERS IN STOCK WITH RUBBER TIRED WHEELS

Harron, Rickard & McCone Co.

SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 15, 1924

Twenty-fourth Year No. 16



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LOWER PRICES FOR LUMBER AND STEEL NOTED IN SURVEY

Lower steel and lumber prices reduced the construction cost index number for the month ending November 6, Engineering News-Record, New York, reports. The number, which is based on costs statistics covering common labor, steel, lumber and cement quotations throughout the United States, registers 205.70, as against 207.55 for the construction month ending October 2. The nationwide average rate for common labor remains at 56 cents an hour.

General construction costs, the index number computations show, is 7 per cent lower than for the same period a year ago; 25 per cent under the peak, which came in June, 1920, and 106 per cent above the 1913 level.

In the general materials market structural steel showed an upward trend for the first time since March. Current mill quotations include reinforcing bars, \$2; shapes, \$1.80 and \$2 per 100 pounds f. o. b. Pittsburgh, and plates, \$1.60 and \$1.90.

Crushed stone advanced 10 cents a ton in Boston, with no other changes reported. Gravel was firmer in New York, Boston and Kansas City districts.

Lumber production, shipments and demand are all below a year ago. Mill prices, however, hold firm. Common brick rose \$1 per thousand in New York City in the month just ended. The present level is \$18, against \$17 delivered at job site. Slight easing in lime prices is reported in New York, Boston, San Francisco, Minneapolis and Kansas City.

PROSPERITY ERA AT HAND, SURVEY SHOWS

"We predict a period of prosperity that will compare favorably with any previous trade expansion era. Certainly this is the time to expand your business program." Such is the statement issued by the Literary Digest, following a national business survey.

Practically every factor making for national prosperity is favorable, the statement indicates, and citizens are justified in planning their business accordingly, according to the survey.

"The farmers have had an increase in purchasing power estimated at a billion dollars annually," the report states. "The reparations settlement opens up foreign trade to American industry. There is an abundance of investment capital and more than \$100,000,000 worth of new bonds a week have been sold during 1924."

"An ebbing tide of gold shipments to the United States is indicated in the current review of the Federal Reserve bank and our wonderful Federal Reserve system stands as a check to inflation and speculation."

The story of business activity is told by recent car loading statements, which show the largest total on record, according to the survey. Increases in bank clearings and better conditions in employment are further barometers of prosperity.

In making this prediction of prosperity, the Literary Digest cites the accuracy of its presidential poll as an indication of the accuracy of its statement of business conditions. Its straw ballot, which indicated the overwhelming victory of President Coolidge, reached 16,000,000 voters, it states, and in making a prediction of prosperity it declares it has been as thorough as it was in the presidential poll.

WINDOW-DOOR SCREEN PRODUCED

The Department of Commerce announces that according to data collected at the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of window and door screens reported products to the value of \$18,094,786, and those whose principal products were weather strips reported an output valued at \$3,161,362, making a total of \$21,477,142 for the industry. This total represents an increase of 76.6 per cent as compared with 1921, the last preceding census year.

In addition, window and door screens and weather strips are manufactured to some extent as secondary products by establishments engaged primarily in other industries. The value of such commodities thus produced outside the industry proper in 1921 was \$865,688, an amount equal to 7.2 per cent of the total value of products reported for the industry as classified. The corresponding value for 1923 has not yet been ascertained but will be shown in the final reports of the present census.

Of the 165 establishments reporting for 1923, 30 were located in Illinois, 14 each in Massachusetts and Pennsylvania, 12 each in Michigan and New York, 10 each in California and Ohio, 9 in Missouri, 6 in New Jersey, 5 each in Louisiana and Texas, 4 each in Indiana, Kentucky and Maryland, and the remaining 26 in 17 other states.

PAINT KEEPS LIME PLASTER FROM SETTING

That oil paint applied to the surface of fresh lime plaster has a decided tendency to hinder the setting of such plaster is one of the conclusions drawn from a series of tests made by the Commerce Department's Bureau of Standards. The setting of the plaster results from the absorption of carbon dioxide from the air and the resulting change of the hydroxide, or slaked lime, into limestone.

This absorption of carbon dioxide is very greatly hampered by the paint film, the bureau finds. It is retarded, but not seriously, by a finish coat, and takes place more rapidly in lean mortars than in rich. The combination of a finish coat with a film of oil paint on top of it was subsequently tried, and was found to prevent the absorption of carbon dioxide almost entirely, cubes of plaster in this way showing no appreciable penetration of carbon dioxide after a period of six months.

In all, 144 two inch cubes were made for the sets. Four different types of lime were used, and the mortars were made in three different proportions of sand and lime. Twelve cubes were made for each mortar, of which four were left as molded, four were covered with a white finish coat, and four were covered with an oil paint. One-fourth of the cubes were tested each month to determine the condition of the lime and the amount of carbon dioxide absorbed.

LUMBER MOVEMENT STEADY

Lumber production continues to fall off, says the National Lumber Manufacturers Association, while shipments and new business show an increase, as compared with the preceding week, according to reports received from 367 of the chief commercial softwood mills of the country for the week ending November 1.

The unfilled orders of 248 Southern Pine and West Coast mills at the end of last week amounted to 550,399,613 feet, as against 536,801,681 feet for 249 mills the previous week. The 130 Southern Pine mills in this group showed unfilled orders of 226,367,750 feet at the end of last week, and 228,825,100 feet for 130 mills the preceding week. For 118 West Coast mills the unfilled orders were 324,031,863 feet, as against 307,976,581 feet for 119 mills a week earlier.

Of the 367 comparably reporting mills, last week's shipments were 105 per cent and orders 102 per cent of actual production. For the Southern Pine mills by themselves these percentages were 114 and 111, respectively; and for the West Coast group 97 and 95.

Of the foregoing mills 243 have a determined normal production for the week of 217,959,351 feet, according to which actual production was 97 per cent, shipments 99 per cent, and orders 98 per cent of normal production.

The upward trend of wages in the construction industry, which was checked for the first time in over two years during August, 1924, showed a tendency to weaken still further in September. This condition was brought about largely by contractors refusing to longer pay bonuses to some of the trades where the greatest shortages have been.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



Los Angeles, during the month of October, 1924, reports the issuance of 4312 building permits for improvements costing \$11,057,277. For the same period in 1923 the number of permits issued was 6632 with an estimated valuation of \$20,541,872. For October, 1922, the number of permits issued was 4951 with an estimated valuation of \$11,580,427. Compared with September, 1924, the October total shows a decrease of \$2,033,190. Housing operations for October, 1924, were represented by 1583 permits for dwellings and apartments with an estimated valuation of \$6,570,964 or 36.7 per cent of the entire number of permits and 59.4 per cent of the entire valuation for the month. These buildings will provide accommodations for 2252 families.

Francis Cuttle of Riverside, Calif., a member of the State Forestry Board, predicts complete exhaustion of the nation's timber resources, with a consequent depletion of soil and general demoralization of economic conditions, is in store for the United States unless more drastic forest conservation measures are adopted. Cuttle cites the fact that timber of all kinds in the United States is disappearing nearly five times as fast as it is growing, while soft wood timber is being cut down at a rate eight times as fast as its growth.

To apprise employers and employees of the newest safety first devices in use, the three members of the Industrial Accident Commission have mapped out a campaign in which each will deliver addresses to industrial groups on the subject. In Northern California, President John A. McGillivray and J. Emmett Alstead will address employees in labor unions, at factories, new building projects and in business establishments, while Commissioner John Corrigan will do likewise in Southern California.

A bill to increase the state gasoline tax from 2 cents to 3 cents a gallon will be introduced when the California State Legislature convenes, Senator Arthur Breed of Oakland announces. Senator Breed declares the additional 1 cent tax would add \$6,000,000 to \$7,000,000 revenue. He also states a proposal would also probably be made to increase the license fee by \$2, so that the Highway Commission might have approximately \$15,000,000 a year for highway work.

Experts employed by the Canadian Pacific Railway to examine resources along its lines in Nova Scotia report undeveloped deposit of exceptionally high-grade gypsum, most favorably located for development and shipment, on Shubenacadie river, having a measurable tonnage of 2,200,000 tons and probably several further million tons of commercial gypsum.

Non-Pressure Glazing Co., capitalized at \$10,000 has been incorporated in San Francisco with the following directors: D. J. Murnane Sr., D. J. Murnane Jr. and J. P. Murnane.

Nickolas S. Thomas and Mary V. Harlan will operate in San Francisco under the trade name of General Electric Works and Electric Crane and Hoist Equipment Company.

The State District Court of Appeal has affirmed the conviction of S. J. Pearson, Oakland builder, on a charge of obtaining money under false pretenses from Mrs. Frances Keller by inducing her to pay him \$707 on her last installment with representations that the sub-contractors and materialmen were all paid up-to-date when they were not. Pearson was found guilty June 2, 1924, by a jury and sentenced to San Quentin State Prison for an indeterminate sentence of from one to ten years.

Steel ingot production by all companies in October aggregated 3,111,452 tons compared with 2,814,996 the month before and 3,577,091 in October, 1923, it is calculated by the American Iron & Steel Institute on reports by companies which made 94.48 per cent in 1923. The approximate daily production for 27 working days of the month was 115,239 tons. Production for the 10 months this year was 29,985,393 tons against 37,488,078 tons in the corresponding period of 1923.

Discovery of a method for extracting pure steel and forge iron directly from iron ore, eliminating the use of melting furnaces, is announced by the Swedish engineer Flodin of the Hagfors Iron Works at Stockholm. The invention, which is the result of extensive experimental work, has aroused lively interest among metal experts and will immediately be submitted to practical tests on a large scale.

Unfilled tonnage of the United States Steel Corporation increased 51,410 between September 30 and October 31, according to monthly report of that corporation. Unfilled orders on the books of the corporation on October 31 amounted to 3,525,270 tons, against 3,473,789 tons on September 30 and 3,289,577 tons on August 31, 1924. One year ago the steel corporation reported unfilled orders of 4,672,825 tons.

S. P. Ross of the Central Lumber Company of Hanford has purchased the business of the Lemore Lumber Company at Lemore. Through the purchase, the Central yard returns to the ownership of the plant under which it operated twenty years ago.

Sandusky Cement Co., Cleveland, Ohio, announces the appointment of A. T. McCormack to the position of general sales-manager succeeding Clinton B. Rogers, resigned. The appointment is effective Nov. 15.

David I. Mahoney and Charles T. Lyman will operate at 1925 Howard St., San Francisco, under the trade name of Commercial Electric Company.

Lucerne Lumber Company of Hanford has been taken over by the Tilden Lumber & Mill Company. R. C. Kendall will remain as manager of the yard.

Wm. Prevost, painting contractor of Woodland, Calif., died suddenly in that city Nov. 8. Death was due to heart trouble.

R. E. Burnett plans to establish a lumber yard at Tracy. Negotiations for a site have been completed.

M. M. O'Shaughnessy, city engineer of San Francisco, has been appointed by the Portland, Ore., city council a member of a board of consulting engineers to advise upon plans for water front development, the first unit of which will be undertaken next year at a cost of \$2,000,000. The total expenditure for the developments is placed at \$11,165,000. Other engineers who will serve on the board in addition to City Engineer Laugaard of Portland, are: C. W. Standiford, former chief engineer of the commission of public docks of New York city, and J. C. Stevens of Stevens & Koon, consulting engineers of Portland.

B. F. Jakobsen, San Francisco hydraulic and electrical engineer has received notification from the American Society of Civil Engineers that he won the Norman medal, which is the highest annual award of that body. The award was made by a board of judges for Jacobsen's paper entitled "Stresses in Multiple Arch Dams." The medal will be publicly presented to the San Francisco engineer at the next annual meeting of the society in New York City.

Martin T. Hooper, consulting engineer, specializing in mechanical and electrical layouts for buildings, power plants, etc., has opened an office at 634 I. W. Hellman Bldg., Los Angeles. Mr. Hooper was, until recently, field engineer for the U. S. Public health service of Washington, D. C., specializing in design and tests of heating and ventilating equipment for public buildings and schools.

M. R. MacKall, for three years assistant hydraulic engineer of the State Railroad Commission, has been appointed hydraulic engineer to fill the vacancy caused by the resignation of F. M. Fraude, who has held the position for seven years. MacKall was a captain of engineers with the American army during the world war.

A. L. Sonderegger, consulting engineer of Los Angeles, has been chosen president of Los Angeles Chapter, American Association of Engineers, to fill the unexpired term of Samuel Storrow, resigned. Paul H. Ehlers was elected vice-president and J. Max Lee a director.

San Jose contemplates \$3,000,000 to finance purchase and improvement of privately owned water system to operate as a municipal project. A second proposal contemplates construction of municipal mains to connect up with Hetch Hetchy system of the city of San Francisco.

L. Wayne McCollum, civil engineer of Fullerton, Cal., was killed Nov. 11 by an accidental discharge of his gun while on a hunting trip. He was 23 years of age.

Union Planing Mill of Stockton, on Nov. 8, suffered a \$100,000 fire loss. Practically the entire plant was destroyed.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

NEW TYPE OF WALL IS PLAN OF BRICK INTERESTS

To broaden still further the market for brick, a new low-cost type of brick wall has been invented by the Common Brick Manufacturers' Association of America. Taking the eight-inch wall as an example, a square foot of solid brick construction uses thirteen bricks; a square foot of ideal hollow wall requires nine bricks, and the new wall, which will be known as the Carver-Economy wall, uses seven and one-third bricks to the square foot.

Tests are now being made on the new type of construction, and it will be presented in workable form at the annual convention of the Common Brick Manufacturers' Association of America to be held at Hotel Drake, Chicago, February 9th to 13th.

Since brick has been used for at least 7000 or 8000 years, it was thought by many that there was no opportunity for new development in brickwork itself. However, since the organization of the Common Brick Manufacturers' Association, six years ago, two new types of wall have been brought out, and one these, the ideal wall, has come into general use throughout the United States and Canada. By giving a variety of types of wall the brick mason is placed in a position to meet every price demand. Solid brick masonry never was sold upon price. It has frankly been promoted as higher in first cost than less enduring construction, although costing less in the long run. The ideal wall was promoted not to take the place of solid wall entirely, but to meet a demand for lower cost in residential and other types of building, and has to some extent broadened the use of brick and given a substantial and fire-safe structure to thousands who could not spend the money necessary to build a solid masonry building.

RICHMOND BUILDERS' TURKEY FEED A BIG SUCCESS

More than one hundred members of the building fraternity in the San Francisco Bay District attended the regular monthly dinner of the Contra Costa County Builders' Exchange at Richmond, Friday evening, Nov. 7.

Turkey and pumpkin pie with all the trimmings were served by members of the contracting and architectural crafts. A musical program was constantly underway during the course of the dinner.

P. M. Sanford, president of the exchange, acting as toastmaster, introduced Chas. Gompertz, president of the California State Builders' Exchange, as the principal speaker of the evening. Mr. Gompertz told of the National American Plan convention recently held in Oklahoma City and spoke of the successful operation of the American Plan system in San Francisco.

Other speakers included E. W. Shaw, secretary of the Builders' Exchange of Alameda County; Mayor J. H. Plate and City Attorney D. J. Hall of Richmond.

Building Ordinances of Chicago with all amendments up to and including July 1, 1924, have been published in booklet form. The publication is on sale in the Municipal Reference Library, Room 1005, City Hall, Chicago. The price is 50 cents.

Committees at Work on East Bay Uniform Building Code

Marking an epoch in Eastbay unity of purpose and having for its objective a uniform building code for the communities on the continental side of San Francisco bay, extending from Richmond to San Leandro, a committee is now at work revising the building laws of eight Eastbay cities.

This committee originated with the Builders' Exchange of Alameda county, which has taken the lead in formulating a co-operative effort to the end that the Eastbay cities may possess a harmonious and uniform building code.

From a small committee of builders, headed by Horace D. Jones, appointed by President E. M. Tilden of the Builders' Exchange, the enlarged committee now includes official representatives of the cities of Oakland, Berkeley, Alameda, Albany and Emeryville.

More than 35 men are on the committee.

The work of revising the building codes of the Eastbay cities will have the expert aid of Mark C. Cohn, author of the State Housing Law.

Present building regulations in all eight of the Eastbay municipalities are so divergent, it is stated, that there is continued conflict between the cities, the builders and the owners of structures built in these eight cities. It is stated that:

"A type of construction permitted in Oakland is not tolerated in Berkeley. There is similar conflict between Oakland and Alameda. San Leandro and Emeryville, Richmond and Piedmont."

The revision of the building laws in the Eastbay communities has long been recognized as a potential need of the cities, according to Jones.

The unanimity with which the building departments of the various communities affected have accepted the suggestion and the encouragement of the mayors and city councils has dis-

closed the need of such remedial legislation as proposed by the committee working on the revision plans, it is stated.

It is pointed out that a uniform building code for all the Eastbay cities will not only result in a saving of time and money to the owners and builders in actual construction work, but that it will also tend to reduce insurance rates.

To facilitate matters, President Jones of the general committee has appointed sub-committees to give special attention to the various clauses in the proposed uniform building law. These have been divided as follows:

General Advisory—Comprising official representatives of each of the Eastbay cities involved, the chairman and secretary of the committee.

Frame construction—H. D. Jones, president Master Builders, chairman.

Roofing—James M. McKeon, president of Roofing Contractors' Association of Alameda County, chairman.

Plastering—T. D. Sexton, president of the Master Plasterers' Association Alameda County, chairman.

Plumbing—Carl Doell, master plumber, chairman.

Electrical—Walter Spencer, master electrician, chairman.

Heating and Ventilating—Gardner Buss, secretary Gas Appliance Society, chairman.

To these sub-committees will be added other members. Eastbay architects and engineers will also have a place in the committee work.

Mark C. Cohn, building regulations expert, will consult with all the committees. Cohn is executive director and secretary of the California Housing and Building Institute and consultant to the Pacific Coast Building officials' Institute.

SEEK SIMPLIFICATION OF STEEL LOCKERS

Following an extended study of the sizes and varieties of steel lockers, the Division of Simplified Practice has sent out invitations to manufacturers distributors and users of this product to attend a conference in the Department of Commerce to consider the elimination of excess varieties.

This conference is a sequel to a meeting of manufacturers held in February 1923, when it was suggested that steel lockers, now being made in 50 or more sizes and styles, could be simplified to a much smaller number without interfering with the normal purposes for which they are made. The survey which followed indicated that the greater portion of the demand is covered by 14 items.

The tentative recommendations for the standard sizes to be retained provide for three widths, four depths, and four heights, and the adoption of these sizes as the recognized varieties will

rest on the action of the general conference.

The invitations sent out by the Division include more than 200 associations representing the users as well as 100 or more individual firms.

Tentative sizes proposed as the result of the survey are as follows:

Width in inches	Depth in inches	Height in inches
12	12	36
12	15	36
15	15	36
12	12	42
12	15	42
12	12	60
12	15	60
15	12	72
12	15	72
15	15	72
15	18	72
18	18	72
18	24	72

The practicability of including compartment and multiple tier steel lockers in this recommendation will also be acted upon by the conference, it was announced.

BUILDING AND LOAN ASSOCIATIONS (CREDITED FOR HOME BUILDING ACTIVITIES)

That the great increase in the number of individual home owners throughout the country is due more to the building and loan association support than to any other agency, was declared by the eighth annual convention of the National Lumber Dealers Association. The subject was widely discussed by the delegates, who represent 17,000 retail lumber merchants in the land, and it was pointed out by J. F. Goodman of Kansas City, that during this year there has been built, because of building and loan aid, an average of 1000 homes a day.

The lumber men were urged to cooperate with the home buyers, giving them necessary credit, but seeing to it that the home purchaser does not "over buy" or assume heavier financial burdens than he is able to carry.

S. S. King of Dayton, Ohio, declared that his city owed its progress to building and loan associations, and that it numbers more home owners on the basis of population than any other city in the country.

The convention also adopted a resolution stating that lumber dealer advertising creates business, without increasing the cost of building to the public.

One of the outstanding features of the session was a review of business conditions throughout the country from the lumber man's standpoint, with particular reference to fall trade and spring prospects. The report from every section was that the building business has been fair, and that spring trade depends to some extent upon the outcome of the election. Labor conditions were reported satisfactory generally, with prices stabilizing and with no scarcity in any particular section.

Reports from the Northwestern states were to the effect that while better prices for agricultural products are resulting in better business conditions, the building industry will not begin to feel the effect until the farmers have settled accounts with bankers. Southern sections reported not only good business for the fall months, but extremely bright prospects for the remainder of the winter and spring, due to a large cotton crop, which is selling for good prices.

New England States reported from fair to good fall business. Labor conditions are satisfactory except that few apprentices are being trained for the building trades with a prospect that there will be a scarcity of such labor in the event of a big building demand next year.

MALOTT & PETERSON APPOINTED GOODYEAR TIRE REPRESENTATIVES

Malott & Peterson, 2412 Harrison St., San Francisco, have been appointed factory distributors for Goodyear tiling in Northern California. The product is manufactured by the Goodyear Tire & Rubber Company of Akron, Ohio.

The entry of the Goodyear interests in this territory is the result of a local demand for Goodyear tile and the necessity of having local warehousing and sales connections. Eventually a branch factory will be erected on this coast.

Goodyear tiling is made in squares, sheets and strips and in 35 colors—with cove bases. It is laid in a specially prepared rubber cement, which is alkali proof and water proof, and is not affected by lime, cement salts, or dampness. The product contains a large amount of pure rubber, is free from reclaimed material and is, in every way, in keeping with the manufacturers' reputation for high quality and service.

October Building Permit Totals

Although a customary slowing down of business in most lines incident to the eve of a Presidential election was expected to influence building operations, a substantial majority of the largest Pacific Coast cities issued more building permits in October than in September, some establishing new high records, and few of them report notable reductions. This is shown by an analysis of official reports from building department executives of 81 cities in Washington, Oregon, Idaho, Utah, Nevada, Arizona and California, comprised in the Pacific Coast section of the National Monthly Building Survey of S. W. Straus & Co.

Following are the official October, 1924, construction figures reported by building department executives, from the various cities comprised in the S. W. Straus & Co. building survey for the Pacific Coast States:

	October, 1924	October, 1923	September, 1924
ARIZONA:			
Tucson	\$ 144,729	\$ 217,424	\$ 214,016
Tucson	121,482	49,445	102,708
Total	\$ 266,211	\$ 266,869	\$ 316,724
CALIFORNIA:			
Alameda	192,093	\$ 129,879	\$ 128,787
Alhambra	394,095	549,840	318,020
Anaheim	36,450	158,375	57,180
Bakersfield	214,948	155,827	98,891
Berkeley	860,985	1,294,225	805,809
Beverly Hills	669,595	528,750	416,600
Burbank	166,115	176,200	287,375
Burlingame	282,260	206,709	277,530
Colton	26,500	39,600	\$ 100
Compton	95,332	172,075	89,990
Coronado	116,348	19,075	37,160
Emeryville	9,760	69,138	44,215
Eureka	33,370	95,000	49,310
Fresno	13,355	1,392,081	147,417
Fullerton	64,825	166,275	30,420
Huntington	811,845	805,506	781,687
Huntington Park	91,980	345,096	135,283
Inglewood	152,248	348,642	74,500
Long Beach	282,275	2,326,895	2,368,746
Los Angeles	11,057,277	20,541,872	13,090,467
Modesto	36,061	34,480	22,610
Monrovia	244,150	212,150	141,630
Montebello	17,550	61,430	21,245
National City	25,195	41,885	\$ 0.675
Oakland	2,619,703	2,759,208	2,502,144
Ontario	83,635	105,540	102,435
Orange	11,700	142,225	46,660
Palo Alto	140,708	171,110	139,359
Pasadena	1,146,467	1,062,362	923,839
Piedmont	188,884	129,875	102,810
Pomona	74,725	161,295	74,679
Redlands	71,875	42,225	55,875
Redondo Beach	76,000	153,735	109,465
Redwood City	94,576	39,607	86,960
Richmond	74,965	142,528	117,245
Riverside	174,093	173,580	141,342
Sacramento	914,829	448,899	597,016
San Bernardino	252,195	221,105	352,275
San Diego	1,004,649	1,318,147	982,967
San Francisco	6,116,313	3,793,734	5,671,784
San Gabriel	60,230	66,245	25,875
San Jose	193,950	207,410	73,930
San Leandro	95,650	56,231	80,743
San Mateo	218,487	110,375	150,195
San Rafael	118,715	49,800	21,235
Santa Ana	169,690	401,578	230,235
Santa Barbara	359,673	213,540	211,110
Santa Cruz	58,840	72,000	42,020
Santa Monica	391,250	519,810	417,510
South San Francisco	48,050	18,130	81,792
Stockton	269,125	323,700	231,798
Torrance	29,025	172,620	70,475
Vallejo	12,262	116,496	66,535
Venice	258,050	194,970	141,900
Ventura	53,000	18,230	82,291
Whittier	44,200	65,500	177,198
Total	\$ 332,518,546	\$ 432,726,317	\$ 344,443,516
IDAHO:			
Boise	\$ 84,997	\$ 32,448	\$ 223,273
Twin Falls	3,150	5,700	200,000
Total	\$ 88,147	\$ 38,148	\$ 223,273
NEVADA:			
Reno	\$ 42,700	\$ 26,710	\$ 19,400
OREGON:			
Astoria	\$ 62,050	\$ 176,715	\$ 147,680
Eugene	102,650	92,325	99,000
Klamath Falls	131,725	30,960	230,050
LaGrande	41,600	18,660	27,590
Portland	2,429,195	2,136,360	2,548,575
Salem	256,000	127,475	107,230
Total	\$ 3,023,220	\$ 2,565,595	\$ 3,160,125
UTAH:			
Logan	\$ 11,000	\$ 25,000	\$ 51,800
Provo	163,800	47,100	11,300
Salt Lake City	84,300	51,900	28,600
Total	\$ 48,041	\$ 481,955	\$ 445,525
Walla Walla	\$ 660,141	\$ 606,005	\$ 636,225
WASHINGTON:			
Bellingham	\$ 94,191	\$ 78,601	\$ 74,312
Everett	81,425	61,675	79,484
Hoquiam	23,940	28,829	36,645
Seattle	2,023,350	1,219,270	1,439,970
Spokane	259,872	188,892	203,721
Tacoma	507,715	274,860	546,860
Vancouver	35,200	298,550	37,635
Walla Walla	4,805	22,875	14,475
Yakima	92,990	19,660	161,465
Total	\$ 3,123,309	\$ 2,188,988	\$ 2,264,871
GRAND TOTAL—81 Cities	\$ 339,722,274	\$ 499,418,732	\$ 413,393,339

TRADE NOTES

Construction will be started shortly on a new plant for the Edison Street Iron Works at Seventeenth and Missouri streets, the company having outgrown the present quarters at Seventeenth and Edison streets, San Francisco. The new plant will be of concrete construction covering an area of 100 by 100 feet.

Construction of a four-story reinforced concrete plumbing supply warehouse and salesrooms will be started at once for P. E. O'Hair in Bryant street between Seventh and Eighth streets, San Francisco. The structure, when completed, will represent an expenditure of \$150,000.

Gay Engineering Corp. of Calif., will establish San Francisco offices and plant in a new structure to be erected at Fourth and Welsh streets. The company manufactures refrigerating machinery. San Francisco offices of the company are now located at 311 California street.

B. A. Newman Co., contractors and dealers in plumbing supplies, is having a new building erected in North H street, Fresno, to house the plumbing and heating shop departments, offices and salesrooms.

Triumph Steel Co., capitalized at \$20,000, has been incorporated in Reno, Nevada. Capt. R. M. Henningsen and J. Harris of San Francisco are reported to be interested in the company.

Louis J. Cohn, general contractor, formerly located at 110 Sutter street, announces the removal of his offices and yards to No. 1, DeHaro street, San Francisco.

Union Lumber Company of Bakersfield plans to establish yards at Corcoran, Calif. Negotiations for a plant site are being completed.

SACRAMENTO BUILDING PERMITS EXCEED PREVIOUS RECORD

Shattering all previous records for construction in Sacramento, building permits for the month of October totaled \$914,829.50 as compared with a total of \$148,897.50 for September, a gain of nearly 100 per cent, according to Ben H. Covell, city building inspector.

Although building permits for the year to date are slightly behind the total for the first ten months of last year, the decline is not a sign that industrial and home building has taken a slump, Covell declares. The increase of last year's total over the current year, he continued, is due to the large amount of school construction completed during the first ten months of 1923.

The total for the month of a little less than \$1,000,000 is the largest amount of building permits ever issued in this city for any single month in history.

Of the total of \$914,829.50 of new building permits issued during the month of October nearly \$500,000 was for new residences and apartment houses. The balance was mostly for commercial and industrial purposes, while a comparatively small amount was for alterations and repairs to existing buildings. A total of 321 permits were issued during the month.

The total permits for the year to date is \$6,921,665.83 as compared with \$8,627,529 for the same period last year.

Perfection of Structolite is Announced by U. S. Gypsum Company

One of this year's most important developments in the gypsum industry is the perfecting of Structolite, a product of the United States Gypsum Company, which is poured like concrete to form insulating fireproof, bearing walls in residences, service stations, garages and similar buildings or in one-story industrial buildings where there are no heavy concentrated loads.

This development is important because it adds bearing strength to the list of recognized qualities of gypsum—fireproofing, heat and sound insulation, quick setting which means rapid erection, solid construction and easy adaptability. This bearing strength and economy are the factors that now makes all-gypsum residential construction practicable.

Structolite is a form of structural gypsum finely ground and treated chemically to increase its density. This density gives it a compressive strength, mixed neat, of 2500 pounds per square inch when set and dry, whereas the compressive strength of ordinary gypsum is approximately 300 pounds.

Any of the accepted aggregates used with Portland cement may be used with Structolite. The producing company recommends for this purpose 1 part, by volume, of clean sand and 3 parts of cinders to 1½ parts of Structolite. In these proportions it develops an ultimate compressive strength of at least 5000 pounds per square inch, which permits of a factor of safety of 10, in ordinary residential design.

This gypsum concrete may be mixed either by hand or by drum type batch concrete mixer. The U. S. Gypsum Company recommends that the stone or cement foundation of the house be carried at least 18 inches above the grade-line, and that the top of the foundation be coated with a good grade of waterproofing compound. This done, the foundation is ready for pouring the Structolite walls.

In bungalows the walls should be at least 6 inches thick; in two-story dwellings, at least 8 inches. All portions of the walls subjected to tensional or shear stresses should be reinforced with steel rods or by galvanized welded mat reinforcement.

Unretarded Structolite sets in about 15 minutes; since this may prove too fast for larger building operations, this material can be retarded so as to set in 30 minutes or longer. By that time it acquires 60 per cent of its ultimate strength in compression. Consequently, building with Structolite is much more rapid than with ordinary concrete. This makes it economical to use interlocking metal forms, since they may be reused frequently and therefore only a small number is required.

The usual method of handling is to adjust a course of these forms around at least two sides of the building, pour this course, then place another level of forms above the first one and pour the second course. By that time the first forms can be removed and used for the third course or for the first course on other sides of the house. This not only speeds up erection, but

it minimizes the contractor's investment tied up in forms and makes it possible to carry up all walls and partitions of the building simultaneously.

After the forms are removed and the surplus moisture dried out, the outside walls should be surfaced with a good damp-proofing compound. The exterior finish then can be applied at any time. If the outside finish is to be stucco, the manufacturers recommend that a light 4" x 4" electrically welded wire fabric be stapled onto the walls and then covered with ¾ inch of approved exterior stucco. If a brick veneer is desired, anchors may be driven into or cast in place in the wall and embedded in the brick course. If the exterior is to be drop-siding, it is recommended that vertical furring strips be embedded in or securely nailed to the wall and the siding nailed to them.

Fire and water tests on this construction were made at Columbia University last December. A panel 3 inches thick, 9 feet high and 14 feet long was subjected to an average temperature of 1700 degrees Fahrenheit for one hour. Following this a 1½ inch stream of water was played on the fire side with 30 pounds pressure from a distance of 20 feet. The panel stood this test perfectly and thereupon was approved as fireproof construction by the City of New York. The insulation value of Structolite is indicated by the fact that in this test the temperature on the unexposed side of the panel at no time exceeded 210 degrees F.

Structolite cinder concrete weighs only 85 pounds per cubic foot whereas Portland cement concrete weighs 150 pounds. It is designed for a working load of 50 pounds per square inch, while the average load in a dwelling house need not exceed 25 pounds per square inch of bearing area. Finally, the cost of this construction compares favorably with that of ordinary frame construction.

When the U. S. Gypsum Company perfected a material embodying the foregoing characteristics it was first used for garages and service stations, then for bungalow-type homes, and then for two-story dwellings. In each case the material met every condition presented by that type of construction. It also has been used for bearing walls in one-story factory buildings where there are no heavy concentrated loads, and is recommended for curtain, fire-stop and other walls in heavy-type industrial and commercial buildings where the principal loads are supported by steel or Portland cement concrete.

Thus far all residences built of Structolite have had frame roofs and floors. As the U. S. Gypsum Company has had 25 years of experience in building poured gypsum floors and roofs, the next step in the evolution of the all-gypsum residence is the adaptation of these constructions to the small dwelling. Adaptations of reinforced gypsum roofings can be applied now where the roof-design is not too complicated.

Structolite is shipped in 100 pound jute sacks or 80 pound paper containers. It is produced by the United States Gypsum Company at Fort Dodge, Iowa; Gypsum, Ohio; Oakfield and New Brighton, New York, and Loveland, Colo. Eventually it will be manufactured at all other plants of the company.

PUBLICATIONS

"Science and Practice of Integral Waterproofing," fourth edition, is off the press. A number of changes has been made in the new edition of the booklet in the interest of simplification. The first fifteen pages take up the study of why concrete should be porous, and how the pores in concrete act to absorb moisture. The subject is then developed to show how this moisture absorption can be stopped by the use of a repellent waterproofing compound. The last section of the pamphlet is devoted to specification for waterproofing mass concrete and masonry by the cement plaster coat method, and for the production of waterproof cement, stucco and mortar. The concluding chapter is especially valuable, as it treats of the practical application of a cement plaster coat, calling attention to certain little precautions which, if followed, prevent failure of plaster coat or stucco. A copy of the new edition may be obtained by any person interested, by addressing the Truscon Laboratories, Detroit, Michigan.

The Common Brick Manufacturers' Association, 2121 Discount Bldg., Cleveland, has published a 16-page pamphlet called "Brickwork—Working Details." It describes and illustrates a new method employed by several architects to obtain interesting surface effects with Chicago common brick. The new effects, which have been grouped under the general classification of skintled brick work, are produced in a very simple manner by setting some of the brick beyond and others behind the normal building line, giving in addition to the natural irregularities of the brick itself strong light and shade effects. The pamphlet may be obtained from the secretary of the association, Ralph P. Stoddard, for 15 cents a copy.

The Save the Surface Campaign, 507 the Bourse, Philadelphia, is distributing reprints of an address by Ernest T. Trigg before the thirty-seventh annual convention of the National Paint, Oil, and Varnish Association held at the Ambassador Hotel, Atlantic City, October 22. Mr. Trigg's subject was "A Great Industry Reaping Its Reward," and he outlined the work undertaken by the Save the Surface campaign, and the splendid results achieved.

United States Gypsum Co., Chicago, has issued a 16-page illustrated pamphlet on Sheetrock-Pyrofill construction for roofs and floors. This is a poured-in-place construction, in which the composition board constitutes the forms; reinforcement of the poured gypsum is provided by electrically welded galvanized steel fabric. One of the advantages claimed for this material is its light weight—56 lb. per cubic foot.

Save the Surface Campaign, the Bourse, Philadelphia, is distributing a portfolio displaying the co-operative advertising of the paint and varnish industry for the first six months of 1925. It summarizes the activities of the Save the Surface Campaign, showing what is available, in material or ideas, to help dealers and painters move their customers and neighbors to action.

193 Out of 252 Sawmills in U. S. Show Wage Increases Since 1921

In a survey of "Wages and Hours of Labor in Lumber Manufacturing in the United States, 1923," conducted in 252 representative mills in 23 manufacturing states, the Bureau of Labor Statistics finds that in the 252 mills, 192 made net increases in wages, as compared with July 1, 1921, ranging for 118 mills, from 1 to 50 per cent, with average increase of 16 per cent; 48 made no net changes in wages since July 1, 1921; 8 made net reductions, 7 ranging from 4 to 20 per cent, with average reduction of 14 per cent.

Of these 252 mills, the National Lumber Manufacturers Association says in a review of this survey, that 11 mills reported payment of 50 per cent increase for overtime work, 10 of the 11 being located on the Pacific Coast and one in Maine. The same rate for overtime as for regular time was paid in 214 mills.

As compared with 1921, the largest increases in the wages of head band sawyers were in Florida, Georgia, South Carolina, Tennessee, Minnesota, and California; the smallest in West Virginia, Maine, and Arkansas. The largest increases in the wages of laborers were in Minnesota, Pennsylvania, Washington, Oregon and Wisconsin; the smallest increases in West Virginia and North Carolina. Maine showed a slight decrease in 1923 as compared with 1921 in wages paid laborers.

The average earnings per hour ranged in 1923 from 21 cents in Georgia to 57 cents in Oregon. The next lowest

states were the Carolinas and Alabama, all below 25 cents; the next highest were Washington and Idaho, over 54 cents.

Average full time earnings per week show California to be the high state, paying \$29.30, followed by Oregon, \$27.69, and by Pennsylvania, Idaho, Minnesota, Montana and Washington, all over \$26.00. The following states are lowest in weekly as in hourly earnings—Georgia, \$12.89, the Carolinas and Alabama, up to \$14.81.

Average full time hours per week are highest in these four Southern states, which will Florida and Louisiana show a fraction over 61 hours a week. Average full time hours per week are lowest in Idaho—48.3 hours; and in Washington and Oregon—48.5 hours.

Although the general average of wages is almost twice as high in the West as in the South, head band sawyers in Florida get \$61.49 per week as compared with \$55.29 in Oregon and \$55.34 in Washington. Head circular sawyers likewise receive \$53.40 in Florida; \$48.66 in Louisiana; \$57 in Alabama; and \$52.42 in Washington. All other classes of mill employees were generally much lower in the South than in the West, laborers receiving only \$9.71 a week in Georgia and \$12.36 in Florida, compared with \$24.67 in Oregon and \$25.76 in California.

The following tabulation shows average weekly full time earnings of various groups in four different years:

	1923	1921	1919	1913
Head sawyers, band.....	\$50.33	\$46.07	\$44.16	\$33.90
Head sawyers, circular.....	50.17	39.56	42.86	31.71
Dockers	19.76	17.78	20.69	11.22
Setters	27.02	25.73	25.12	15.71
Sawyers, gang	32.76	27.38	29.22	19.02
Sawyers, resaw	27.46	25.84	26.00	15.77
Trimmer operators	28.09	25.13	25.88	16.28
Machine feeders	24.47	21.66	23.31	13.20
Laborers	20.45	18.44	19.04	11.34
	17.83	16.30	19.70	10.40

1924 Building Construction Will Total Nearly Five Billion Dollars

The American building bill for 1924 is expected to exceed the enormous sum of \$4,500,000,000, and the construction of homes accounts for about 40 per cent of that total, according to figures made public by the Federal Reserve Board and the Department of Commerce.

It has been a boom year in the building industry.

There still is a national housing problem, but the situation is the best it has been since the war, officials said.

Complete statistics for 1923 and the first ten months of 1924, show:

Total construction: 1923, \$3,794,789,250; 1924, \$4,247,064,000.

Residential construction: 1923, \$1,607,436,000; 1924, \$1,906,218,125.

Road building, it was estimated by the Federal Reserve Board, will aggregate about \$1,400,000,000 this year.

"The volume of construction in 1924 has given direct employment to more than 2,500,000 persons and has exercised a sustaining effect on the building material industries," the Federal Reserve Board said.

"Cement plants had a record production during the first nine months of 1924, shipment of oak flooring and structural steel have been sustained,

but there was some decrease in the demand for lumber and brick."

Reviewing the last few years, the board said that "the expansion in building operation dates from 1921, with sharp increases in 1922 and more moderate increases in 1923."

"Analysis of contract awards indicates that residential construction reached a peak in the spring of 1924," the board said.

"Contracts for business, industrial and educational buildings and other public structures reached a peak in 1922, which has not been exceeded since."

Officials said that building materials have declined in price during the last season, following the rise accompanying the expansion of 1921, 1922 and 1923.

"Analysis of contracts indicates that new construction has been maintained in relatively greater volume in the New York and San Francisco districts than in any other sections of the country," according to the federal reserve summary.

"The increase in 1924 is due almost entirely to the large number of new projects in the New York district. In the Philadelphia, Cleveland, Minneapolis and Kansas City districts new building has been smaller in volume in 1924 than in 1923."

Building News Section

APARTMENTS

Owner Taking Segregated Figures.
APARTMENTS Cost, \$30,000
SAN FRANCISCO SE Clay and
 Steiner Sts.
 Three-story frame and stucco apart-
 ments (2 apts., 3 and 4-rooms).
Owner—Fred Anderson, 720 38th Ave.,
 San Francisco.
Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, \$50,000
SAN FRANCISCO NE Lombard and
 Gough Sts.
 Three-story frame and brick veneer
 apartment building (12 4-rm apts.).
Owner—Chas. Johnson, 36 Steiner St.,
 San Francisco.
Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, \$60,000
SAN FRANCISCO NW Second Ave.
 and Lake St.
 Three-story and basement frame and
 brick veneer apartments (15 apts.,
 3 and 4-rooms).
Owner—J. Epp, 4747 Geary St., San
 Francisco.
Architect—Baumann & Jose, 251 Kear-
 ny St., San Francisco.

Contractor Taking Sub-Figures.
APARTMENTS Approx. \$150,000
SAN FRANCISCO Jones and Maiden
 Lane.
 Six-story and basement steel and brick
 apartment house (54 2-room apts.).
Owner—A. Hanch.
Architect—Albert Burgen, 110 Sutter
 St., San Francisco.
Contractor—G. F. W. Jensen, 320 Mar-
 ket St., San Francisco.

**Segregated Figures to be Taken in
 About a Week.**
APARTMENTS Cost, \$450,000
SAN FRANCISCO SE Jackson and
 Steiner Streets.
 Twelve-story and basement Class A
 community apartment house (15 3
 to 12-room apts., basement, gar-
 ages, storerooms, etc.)
Owner—2490 Jackson Street, Corp.
Architect—Henry C. Smith, Humboldt
 Bank Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$18,000
SAN FRANCISCO NW Eighteenth St.
 and San Carlos Ave.
 Two-story and basement frame apart-
 ment building (8 apts.)
Owner—Harry Davies, 251 San Carlos
 Ave., San Francisco.
Architect—Walter E. Falch, Hearst
 Bldg., San Francisco.
Contractor—George H. Hansell, 349
 10th Ave., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, each \$10,000
SAN FRANCISCO N Francisco 125, 150
 and 175 E Octavia.
 Three 2-story and basement frame
 apts. (4 apts. each).
Owner—H. O. Lindeman, 619 27th Ave.,
 San Francisco.
Architect—None.

Contract Awarded.
APARTMENTS Cost, \$8,000
SAN FRANCISCO Cal., W Francisco
 50 N Filbert.
 Two-story and basement frame (4)
 apartments.
Owner—M. Martinelli, 2101B Webster
 St., S. F.
Architect—David Coleman, French Bk.
 Bldg., S. F.
Contractor—J. J. Coyle, 2101B Webster
 St., S. F.

SAN FRANCISCO, Cal.—The struc-
 tural steel contract has been awarded
 at \$16,450 to the Golden Gate Iron
 Works, 1541 Howard St., San Francisco,
 and they are now erecting same for a
 six-story and basement steel and con-
 crete building containing forty-eight
 apartments with stores on the ground
 floor at S Eddy 183-6 W Taylor St.
 This building is being built for Wm.
 Helbing of The Helbing Co., 1332 Lom-
 bard St., San Francisco, the Engineer
 being W. W. Brelite, Clunie Bldg., San
 Francisco. It is estimated the building
 will cost about \$100,000.

BONDS

SANTA BARBARA, Santa Barbara
 Co., Cal.—Montecito School Dist. af-
 firmed \$100,000 bond issue for new
 elementary school. It will contain 6
 classrooms and auditorium; Spanish
 type. Archt. W. H. Weeks, 349 Pine St.,
 San Francisco, will draw plans.

PASADENA, Los Angeles, Co., Cal.—
 Bond issue of \$750,000 to provide ad-
 ditional funds for Pasadena Civic Center
 failed to carry. \$3,500,000 was voted in
 1923, for this work. Bonds for
 branch library were also defeated.

SANTA PAULA, Ventura Co., Cal.—
 Bond election has been called for Dec.
 2, at which time it is proposed to vote
 \$225,000 for school improvements.

HUGHSON, Stanislaus Co., Cal.—
 Election will be called shortly to vote
 bonds to finance erection of new gram-
 mar school.

ASTORIA, Ore.—Bonds of \$100,000
 voted to finance erection of new grade
 and junior high school. Architect is
 yet to be selected. W. A. Sherman is
 clerk of Board of Education.

Material of Merit

DOORS

Firedoors, Freight Elevator,
 Garage and Warehouse Doors.
**Fold-up-Doors, Lift-co-doors, Cobald-
 doors, Wal-el-dors.**—St. Louis
 Fire Door Co.

STORE FRONTS

The newest and most diversified
 store front.—Security Metal
 Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-
 slipping flooring.—Irving Iron
 Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

AUBURN, Placer Co., Cal.—County
 defeats proposal to issue bonds of
 \$160,000 to finance construction of fire-
 proof county hospital buildings, pre-
 liminary plans for which have been
 prepared by Architect W. H. Weeks,
 369 Pine St., San Francisco.

KLAMATH FALLS, Ore.—City votes
 bonds of \$50,000 to finance construction
 of library and women's rest room
 building.

CHURCHES

Plans Being Prepared.
CHURCH Cost, \$40,000
DALY CITY, San Mateo Co., Cal., Wel-
 lington Ave. & Mission Street.
 One-story reinforced concrete church,
 (400 seats.)

Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg.,
 San Francisco.

Plans will be ready for figures in
 about a month.

Figures To Be Taken Next Week.
CHURCH Cost, \$55,000
SAN LEANDRO, Alameda Co., Cal., San
 Leandro.

Two-story gothic style frame and stuc-
 co church bldg.

Owner—First Presbyterian Church,
 San Leandro, Cal.

Architect—Rollin S. & Paul V. Tuttle,
 351 12th St., Oakland.

Sub Contracts Awarded.
CHURCH Cost, Approx. \$125,000
BERKELEY, Alameda Co., Cal.
 Brick and steel Class C church (this is
 the first unit of a group of build-
 ings to cost \$250,000.)

Owner—First Congregational Church.
Architect—E. A. Mathews and H. G.
 Simpson, Call Bldg., S. F.
Contractor—Lawton & Vezey, Call
 Bldg., S. F.

Structural steel and erecting. Moore
 Dry Dock Co., Foot of Adeline St.,
 Oakland.

Lathing and plastering. Wm. Makin,
 1084 Excelsior Ave., Oakland.

Plumbing and heating. Fearey & Moll,
 1075 40th St., Oakland.

Electrical work. Slater Electric Co.,
 Oakland.

Painting. R. Zelinsky, 693 Mission St.,
 San Francisco.

Glass and glazing. W. P. Fuller & Co.
 Contracts will be awarded shortly on
 the excavating, roofing, linoleum and
 shades.

YOLANSDALE, Marin Co., Cal.—
 Campaign for funds being made by
 Yolansdale Church to finance erection
 of Sunday school unit and gymnasium;
 F. A. Farnkoph of San Anselmo has
 prepared preliminary plans for the
 work. L. E. Stein is pastor.

FACTORIES & WAREHOUSES

**Bids Being Taken for Sand, Rock,
 Gravel and Cement.**

BUILDINGS Cost, \$120,000 Approx.
EMERYVILLE, Alameda Co., Cal. Bldg.
 bounded by Hills St., 45th and
 Stanford Aves.

One-story reinforced concrete building
 (1st unit of a group of about six
 buildings consisting of storage
 yards, warehouse, machine and
 electrical shops, foundry, laboratory
 buildings, metal shop and spur
 tracks).

Owner—Pacific Gas & Electric Co., 445
 Sutter St., San Francisco.

Architect—Eng. Dept. of Owner.

Contractor—Lindgren-Swinerton Co.,
 Standard Oil Bldg., S. F.

Sub-contracts will be awarded in
 about a week.

Commissioned To Prepare Preliminary Plans and Estimates.

HARDWARE BLDG. Approx. \$1,000,000
SAN FRANCISCO. Block fronting on Beale St. bet. Bryant and Brannan 550x137-6.

Six-story and basement reinforced concrete wholesale hardware building
Owner—Baker-Hamilton & Pacific Co.
700 7th St., San Francisco.
Architect—Weeks & Day, California Ins. Bldg., San Francisco.

Construction is not definite, depending entirely on the preliminary estimates, etc. Further reports will be given later.

Plans Being Figured.
FACTORY BLDGS. Cost, \$175,000
SAN FRANCISCO. Mission and Bond Streets.

Five-story reinforced concrete factory building.

Owner—Speyer & Schwartz.
Architect—S. Heiman, 57 Post St., San Francisco.

Lessees—Alcone Knitting Co.
Plans are being taken for a general contract, plumbing, electrical work, metal window frames and elevators.

OAKLAND, Cal.—The Pacific Lock Joint Pipe Company (A. T. Windsor 625 Market St., San Francisco) has purchased a site for a new factory soon to be erected on G Street, opposite the foot of Eighty-eighth Avenue, Elmhurst District. Further information will be given shortly.

Contract Awarded.
FACTORY Cost, \$10,000
SAN FRANCISCO, NE 10th & Sheridan Streets.

One-story and mez. floor concrete factory.
Owner—C. A. Chaquette.
Designer and contractor—J. H. Hjul, 125 Russ St., S. F.

Contract Awarded.
BUILDING Cost, \$9995
SAN FRANCISCO, SW Mission & 17th Streets.

One-story concrete iron works bldg.
Owner—Folsom Street Iron Wks., 17th & Folsom St., S. F.
Architect—J. C. Thayer, 251 Kearny St., San Francisco.
Contractor—Moller & De Luca, 185 Stevenson St., S. F.

Contractors Taking Sub-Figures.
PRINTING PLANT Cost, \$25,000
SAN FRANCISCO. E Montgomery St. N Jackson.

One-story and basement reinforced concrete printing plant building, 50 x137.

Owner—Louis R. Lurie.
Lessee—Bancroft Printing Co.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Industrial Construction Co., 315 Bryant St., S. F.

Sub-basement wanted on steel sash, reinforcing steel, sheet metal work, roofing, glass and glazing, and dumb waiter.

Plans Being Prepared.
FACTORY BLDG. Cost, \$12,000
EMERYVILLE, Alameda Co., Cal.
One-story hollow tile factory bldg.
Owner—James Stewart Mfg. Co., 4071 Hollis St., Emeryville.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Contracts Awarded.

LOFT BLDG. Cost, \$—
SAN FRANCISCO. W Ninth St. S of Howard St.
Two-story, reinforced concrete loft building.

Owner—Smith O'Brien & C. B. Hobson.
Architect—Smith O'Brien, 742 Market St., San Francisco.

General Contract to Buschke & Brown, 604 Mission St., San Francisco.

Plumbing to Ahlback & Mayer, 85 Dorland St.

Heating to H. S. Tittle, 85 Columbus Sq., San Francisco.
Painting will be awarded later.

Contractor Taking Sub-Figures.

PLANT Cost, \$80,000
OAKLAND, Alameda Co., Cal., 19th Ave and Dennison.

Oil and gas distributing plant, 3 1-sto. brick, concrete and wood bldgs. (garage, warehouse and office) tanks, filling stand, etc.

Owner—Ventura Refining Co.
Engineer—F. Vane Woods, 505 17th St., Oakland.

Contractor—Henry J. Christensen, 505 17th St., Oakland.

Contract Awarded.
BUILDING Cost, \$14,650
EMERYVILLE, Alameda Co., Cal., Cor. Green & 61st St.

General construction on shop and laboratory building.

Owner—Associated Supply Co., 74 New Montgomery St., S. F.

Architect—None.

Contractor—Villadsen Bros, Monadnock Bldg., San Francisco.

Sub Contracts Awarded.
ADDITION Cost, approx. \$400,000
SAN FRANCISCO. SE Second and Bryant Streets.

Four-story and basement reinforced concrete and steel addition to lithograph plant, 240x140.

Owner—Schmidt Lithograph Co., 2nd and Bryant Sts., San Francisco.
Engineers—Maurice Couchot and Jesse Rosenwalt, 60 Sansome St., S. F.

Contractor—R. McLeran Co., Hearst Bldg., San Francisco.

Sub-contracts were awarded as follows:

Plumbing—Wm. J. W. Foster, 670 Howard St., San Francisco.

Heating—Scott Co., 243 Minna St., San Francisco.

Sprinkler—Grinnell Co., 453 Mission St., San Francisco.

Terrazzo—P. Grassi & Co., 1945 San Bruno Ave.

Painting—D. Zelinsky & Sons, 165 Grove St., San Francisco.

Glass—W. P. Fuller Co., 301 Mission St., San Francisco.

Reinforcing Steel—Edw. L. Soule Co., Rialto Bldg., San Francisco.

Grading—Carlin & Farrar, 180 Jessie St., San Francisco.

Sheet Metal Work—Formder Cornice Works, 16th and Potrero Ave., San Francisco.

Ornamental Iron—Monarch Iron Wks., 252 Seventh St., S. F.

Roofing—Alta Roofing Co., 570 Waller St., San Francisco.

Elevator—Otis Elevator Co., 2300 Stockton St., San Francisco.

Fine Hardware—Palace Hardware Co., 381 Market St., San Francisco.

Contract for plastering, steel rolling doors and steel sash not yet decided.

BEVERLY HILLS, Los Angeles Co., Cal.—Payne Furnace & Supply Co., 162 N Los Angeles St., has purchased site and contemplate erecting a factory near cor. 3rd St. and Foothill Rd., Beverly Hills. About 150x180 ft., containing mill, warehouse and offices. Work will start about Jan. 1; \$100,000.

SAN BERNARDINO, San Bernardino Co., Cal.—The Sun Co. newspaper publishers, 466 Court St., has had tentative plans drawn for two-story mechanical plant at the southeast corner of 4th and Main Sts., to be first unit of building to cover entire site, 160x149 ft. Cost, \$250,000. Date for starting work not set.

SAN DIEGO, Cal.—Lange & Bergstrom, 801 Washington Bldg., Los Angeles, submitted low bid at \$113,300 for steel shed and whse., 300 ft. by 140 ft., 40 ft. high, on the Municipal Pier.

OAKLAND, Alameda Co., Cal.—E. B. Field & Co., owners of the property formerly occupied by the Hunt-Hatch Warehouse at the foot of Webster St., Oakland, are planning the replacement of the old dock and warehouse soon. No definite plans have been made to date however, and further report will be made shortly.

BAKERSFIELD, Kern Co., Cal.—Cotton gin at Magunden, recently destroyed by fire, will be rebuilt and the holders of the company authorized the work at the last meeting.

MONTREY, Cal.—See "Government Work," this issue.

SAN FRANCISCO—Bernhard Davidow, 110 Sutter St., has acquired property bounded by Harrison, Twentieth and Alhambra streets, 208x200, comprising two corners and three frontages. Mr. Davidow plans to erect a substantial building on the property as soon as a lease is signed.

LOS ANGELES, Cal.—Shauer Bros., New York and Chicago, Ira W. Wolfe, 1331 W 71st St., local representative, are planning erection of large canning factory on 7-acre site at 39th St. and Santa Fe Ave. to cost \$350,000. D. J. Schanner, New York, is the archt., and it is reported that Macdonald & Kahn 535 S Spring St. will erect the bldg. Work will probably be started soon.

LOS ANGELES, Cal.—Louis M. Henoch, Ambassador Hotel, secy. of A. M. Castle & Co., Chicago, iron and steel manufacturers, states that his company contemplates establishing branch plant and warehouse here.

FLATS

To be Done by Day's Work and Segregated Contracts.

FLATS Cost, \$10,000
SAN FRANCISCO. S California 82-6 E Thirty-first Ave.

Two-story and basement frame (2) flats.

Owner—John D. Stewart, 502 8th Ave., San Francisco.

Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.

"MacArthur For Piles"

STRAIGHT SHAFT COMPRESSED CONCRETE PILE
PEDESTAL COMPRESSED CONCRETE PILE
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cover all lengths and conditions without change of rigging, delay and consequent financial loss.

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Samples Submitted

180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 6982

To be Done by Day's Work.
FLATS Cost, \$11,000
SAN FRANCISCO, S. Francisco, 118, 119
and 120 E. Commercial St.
Two two-story and basement frame flat
buildings (2 flats in each building).
Owner—W. W. Riedel, 118, 119, 120 E. Com.
Architect—None.

To be Done by Day's Work.
FLATS Cost, \$11,000
SAN FRANCISCO, W. Scott St. and
SAN 119 S Lombard St.
Two two-story and basement frame flat
buildings (2 flats in each building).
Owner—W. W. Riedel, 118, 119, 120 E. Com.
Architect—None.

To be Done by Day's Work.
FLATS Cost, \$8,000 each
SAN FRANCISCO, S. Francisco, 118, 119
and 120 W. Scott Street.
Three two-story and basement frame
flat buildings (2 flats in each building).
Owner—Sharboro-Deffen-Jorgensen,
1200 Chestnut St., San Francisco.
Architect—None.

To be Done by Day's Work.
FLATS Cost, \$3,000 each
SAN FRANCISCO, W. Taylor Ave. 112,
113 and 122 N. Kirkham St.
Three two-story and basement frame
flat buildings (2 flats in each building).
Owner—Dahlberg & Peterson, 1560
Tenth Ave., San Francisco.
Architect—None.

Contract Awarded.
STORE & FLAT Cost, \$12,000
SAN FRANCISCO, E. Ocean Ave. 114 S
Ashton Ave.
Two-story and basement frame store
and flat.
Owner—Joseph Lombardi.
Architect—None.
Contractor—John R. Lindsay, 55 Al-
vino St.

Plans Complete.
FLATS Cost, \$12,000
SAN FRANCISCO, Cal., E. Baker 112 N
Green.
Two-story and basement frame (2)
flats.
Owner—Merton J. Price, 850 Pacific
Bldg., S. F.
Architect—Dodge A. Riedy, Pacific
Bldg., S. F.

To be Done by Day's Work.
FLATS (4) Cost, \$9,000 ea.
SAN FRANCISCO, Cal., E. 33rd Ave.,
325, 350, 375 & 400 N. Fulton.
Four 2-story and basement frame flats
(2 flats in each building).
Owner—Oscar Heyman & Brother, 742
Market St., S. F.
Architect—Alvin J. Stern, 712 Market
St., S. F.

GARAGES

HEALDSBURG, Sonoma Co., Cal.—
F. A. Gross, Healdsburg, has purchased
site in Main street and will erect two-
story garage and machine shop; est.
cost, \$20,000. Early construction is
contemplated.

Planned
GARAGE Cost, \$—
SAN FRANCISCO, SE Jackson and
Masson.
Fireproof garage.
Owner—Wm. Crockett, 38 Montgomery
St., San Francisco.
Architect—Not selected.
An architect will be selected when
the permit is obtained.

Contract Awarded.
GARAGE Cost, \$15,620
SACRAMENTO, Sacramento Co., Cal.
Lot 4 Bk. 15th, 16th, K and L Sts.
One-story reinforced concrete auto
sales building.
Owner—Miller Automobile Co.
Architect—Buck & Deane, City Library
Bldg., Sacramento.
Contractor—Wm. V. Whitsell, 2200 C
St., Sacramento.

Other bids on way:
Herndon & Finnigan, Sacto.....\$16,293
Frederickson & Shannon, Sacto.....16,423
John C. Hunt, Sacto.....16,600
A. W. Robertson, Sacto.....16,816
L. E. Gould, Sacto.....16,830
Chas. Peterson, Sacto.....17,030
Geo. D. Hudnutt, Sacto.....17,100
Holdener Constr. Co., Sacto.....17,682
Wm. Murrell, Sacto.....17,907
C. J. Hopkinson, Sacto.....17,975

Sub-Figures Being Taken.
GARAGE Cost, \$30,000
SAN FRANCISCO, W. Fillmore 27 S
Washington.
Two-story and basement class B pub-
lic garage.
Owner—J. Sockelow, 3925 Washington
St., San Francisco.
Engineer—S. Hodes.

Plans Being Revised.
GARAGE Cost, \$20,000
OAKLAND, Alameda Co., Cal. Broad-
way near 21st St.
One-story brick commercial garage.
Owner—W. K. Kiel, 510 Lake Park Ave.
Oakland.
Architect—Schirmer-Bugbee Co., Tay-
er Bldg., Oakland.
The three lowest bidders will re-
figure.

Plans Complete.
GARAGE Cost, \$30,000
SAN FRANCISCO, W. Fillmore 27 S
Washington.
Two-story and basement class B pub-
lic garage.
Owner—J. Sockelow, 3925 Washington
St., San Francisco.
Engineer—S. Hodes.

ALHAMBRA, Los Angeles Co., Cal.—
G. E. Peub, 151 W. Main St. Alham-
bra, has contract for one-story brick
garage at Avenue 50 and Pasadena
Ave. for Ellen Boote. Noerenberg &
Johnson, 401 L. A. Ry. Bldg., are the
architects. 100x125 ft., cast stone and
plaster facing, cement floors, wood
roof trusses, skylights, steel sash, plate
glass, office and auto salesroom.

LOS ANGELES, Cal.—Archts. Noeren-
berg & Johnson, 401 L. A. Ry. Bldg.,
are preparing plans for a 9-story and
basement class A garage bldg. to be
erected at 742-48 S. Hope St., Los An-
geles, for 7th and Hope Sts. Fireproof

Bldg., C. W. Irwin, Westlake Profes-
sional Bldg., pres. Reinf. conc. constr.,
\$281,76 ft., \$500,000 The bldg. has been
ordered.

SAN DIEGO, San Diego Co., Cal.—
Archts. John Parkinson and Donald E.
Jackson, 124 Title Ins. Bldg., Los An-
geles, are preparing plans for a class
A garage bldg. to be erected at San
Diego for Mrs. Austin W. Mitchell. Two
story and basement, 100x200 ft., de-
signed for 4-story, reinf. conc. constr.,
stone ext., comp. rig., steel sash
ramps.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close Nov.
17, 1924.
HANGAR Cost, \$—
VANCOUVER, Wash. Vancouver Bar-
racks.

Steel hangar, 66x140 feet.
Owner—United States Government.
Architect—Constructing Quartermas-
ter's Office, Fort Mason.
Plans may be obtained from Fort
Mason. Bids will be opened at Van-
couver.

Plans Completed—Figures to be Taken
in About Two Weeks.
WAREHOUSE Cost, \$—
MONTEREY, Monterey Co., Cal. Presi-
dential of Monterey.
One-story frame and galvanized iron
warehouse, 30x300, (12 steel cover-
ed sliding doors).
Owner—United States Government.
Architect—U. S. Quartermaster's Of-
fice, Fort Mason, San Francisco.

SAN FRANCISCO—See "Wharves and
Docks," this issue. Plans approved for
fender line and dock reconstruction.

HERMISTON, Ore.—Until Nov. 17,
bids will be rec. by U. S. Reclamation
Bureau, to fur. 3650 lin. ft. 40-in. dia.
precast reinforced concrete pressure
pipe, under Specification No. 367-D, for
Umatilla project, Ore.

STOCKTON, San Joaquin Co., Cal.—
Separate bids will be opened Decem-
ber 1, 1924 at 2 p. m., at the Treasury
Department, Office of the Supervising
Architect, Washington, D. C., for an
extension including incidental changes
in and extension to the mechanical
equipment, also for a freight elevator
in the United States Post Office at
Stockton, California. See "Official Pro-
posals" this issue.

PACIFIC COAST—Strengthening and
enlarging Pacific Coast Naval Bases
will involve an expenditure of approx.
\$11,500,000. Roughly, the amounts to be
asked at the next Congress, include:
naval base, Hawaiian Islands, \$42,523-
200; naval base, San Francisco Bay,
\$26,529,950; naval base, Puget Sound,
\$23,605,500; naval base, San Diego, \$17-
101,000; naval base, Canal Zone, \$1-
\$15,000.

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offering virtually unlimited selection of materials. We be-
lieve their assistance will be genuinely helpful to you.

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San Francisco

High St. & Tidewater Ave.
Oakland



SAN FRANCISCO—See "Streets and Sewers," this issue. Plans completed for outfall sewers.

HERMISTON, Ore.—Until Nov. 17, bids will be rec. by U. S. Bureau of Reclamation to fur. and erect continuous wood stave pipe, specifications 366-D, for Umatilla project, Oregon. The material will consist of staves for 3750 lin. ft. of 40 in. diameter continuous wood stave pipe, 460 wooden cradles, 5325 steel bands, and 2 cast iron saddles.

SAN DIEGO, Cal.—Until Dec. 1, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5025 to fur. and install one electric passenger elevator at Naval Operating Base (Hospital), San Diego. Deposit of \$10 required for plans.

SAN FRANCISCO, Cal.—The following bids were received on November 5, 1924 noon, by W. A. Newman, Supervising Superintendent, Post Office Building, 7th and Mission Sts., San Francisco, for a garbage burner for the U. S. Appraisers Building, San Francisco.
Lawson & Drucker, 450 Hayes St. San Francisco \$1110
Burnham Plumbing Co. \$1149
Knittle Cashel Co. \$1184

WASHINGTON, D. C.—Until Nov. 25, 10:30 a. m. bids will be rec. by Purchasing Officer, Panama Canal, under Circular No. 1638, to fur. and del. Balboa (Pacific Port): cable, trolley wire, pipe fittings, valves, cocks, siphons, electric fans, glass, dies, hand saws, steel drums, insulation, asbestos wood, resistance units, brackets, extension bells, goggles, battery jars, emery cloth, asbestos gaskets, strip rubber, asbestos and rubber packing, linoleum, rubbing belt, leather belting, pitch, ship glue, paints, varnishes and press-board. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
CLUBHOUSE—Cost approx. \$100,000
MOSS BEACH, Monterey Co., Cal.
Two-story concrete frame and stucco clubhouse.
Owner—Del Monte Properties Co.
Architect—Clarence A. Tantau, 251 Kearny St., S. F.

Contract Awarded.
LODGES & OFFICES

SAN JOSE, Santa Clara Co., Cal. North First Street.
Six-story and basement reinforced concrete lodge and office bldg.
Owner—Knights of Columbus, San Jose
Architect—Leo J. Delvin, Pacific Bldg., San Francisco.
Contractor—J. D. & G. E. Carlson Co., 234 Sierra Ave. & Builders Ex., 70 W. San Antonio St., San Jose.

Completing Steel Plans—Ready for Figures in About Three Weeks.
Y. M. C. A. Bldg.
SAN FRANCISCO, Embarcadero bet. S. A. Mission and Howard Sts.
Eight-story reinforced concrete Y. M. C. A. building (army and navy branch)

Owner—Y. M. C. A.
Designer—International Bldg. Bureau of Y. M. C. A., New York.
Local Architect—Carl Werner, 605 Market St., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg., San Francisco.

Plans call for a structure covering 137 square feet, with swimming pool, gymnasium, dormitory, club rooms and other conveniences.

SAN FRANCISCO—Grading contract was awarded to Sibley Grading & Teaming Co., 135 Landers St., S. F., at \$2350 on the four-story class "A" Y. M. C. A. Bldg. (Chinese) at Sacramento St. bet. Stockton and Grant Aves., planned by Architects Meyer & Johnson, 742 Market St., S. F. A complete list of the bids received follows:
Sibley Grading & Teaming Co., \$2350
I. Rosenthal & Son 2775
J. C. Matthews 2750
H. N. McClure 4700

LOS ANGELES, Cal.—See "Banks Stores and Offices," this issue.

SAN JOSE, Cal.—See "Factories and Warehouses," this issue.

SANTA MONICA, L. A. Co., Cal.—William Allen, arch., 1013 Bank of Italy Bldg., is completing plans for a 4-story and basement Legion bldg. at Santa Monica, for Santa Monica American Legion Post No. 123. Locker rooms, gymnasium, lodge rms, lobby, canteen, banquet hall, kitchen, ball rm. and living apt., brick walls, 50x100 ft., cem., maple and oak fls., comp. and tile rig., gas htg. sys., storage water tr., pine trim, ornarn., iron work, Raymond concrete Summerbell rt. trusses, tile and marble wk., press. br. and tuffa stone facing, aut. elec. elevator, dumb waiter, tile and marble wk., struc. steel, bowling alleys.

RICHMOND, Contra Costa Co., Cal.—Los Angeles capitalists have purchased the Robert H. Collins property in the tank farm and will establish a semi-public golf course. In addition to two 18-hole golf course it is planned to erect a modern club building. The club will be known as "Fairmead." John D. Dunn will prepare plans for the golf courses.

LAMANDA PARK, Los Angeles Co., Cal.—Glenn E. Smith, 411 Central Bldg., Pasadena, has compl. plans for 1 and part 2-story brick bldg. in Lamanda Park for the American Legion of Lamanda Park Post No. 280; 50x100 ft., brick and hollow conc. block, comp. tile and maple Bldg., maple flrs., gas hts., tile mntel. Bldg. will contain gymnasium, check rm., offices, billiard rm., lockers, showers, etc.

SANTA MONICA, Los Angeles Co., Cal.—J. Rowell, Central Arcade Bldg., Santa Monica, has prepared preliminary plans for two-story Colonial type club house on ocean front, 400 ft. south of Santa Monica Canyon, for the Nautilus Club. Warren H. Pattison, Geo. Cole and Geo. Bechtel, Santa Monica. Indoor plunge, ballroom and dining hall.

HOSPITALS

Contract Awarded. Approx. \$60,000
HOSPITAL
ROSS, Marin Co., Cal.
Two-story frame and stucco hospital bldg. with tile roof.
Owner—Ross General Hospital Cptn. Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Frank Howard Allen, San Anselmo.

Heating has been awarded to the Atlas Heating & Ventilating Co., 557 4th St., S. F. Work will be done on a cost-plus basis.

SACRAMENTO, Cal.—Following contracts awarded by county supervisors to fur. and install furniture in county hospital buildings:

Capitol Furniture Co., 200 bedside bed-cabinets; pillows; mattresses; 10 infants' cribs and mattresses, total bid \$14,962.

Benjamin Co., furnish four surgical dressing carriages, 5 chart files, two combination nurses' desks, total bid \$712.50.

Reid Bros., 8 nurses' desks and two wheel stretchers, total bid \$445.

OAKLAND, Alameda Co., Cal.—Bids were opened by Geo. E. Gross, Clerk of the Board of Supervisors, Alameda County, Nov. 10, 1924, at 10 o'clock, for the erection of a two-story frame and stucco service building on the Del Valle Farm Site near Livermore, same having been planned by Henry H. Meyers, Kohl Bldg., San Francisco. General contract was awarded to F. W. Maurice, 1362 E. 25th St., Oakland. A complete list of the bids received follows:

F. W. Maurice.....	\$29,860
Schnebley & Hostrawser.....	34,191
Thos. A. Cuthbertson.....	34,197
John McAnagh.....	34,969
J. F. Shepherd.....	35,877
Moore & Peppard.....	37,543
Carl H. Peterson.....	37,588
E. T. Leitter & Son.....	38,767

OAKLAND, Cal.—As previously reported, bids will be received by Geo. E. Gross, county clerk, until Dec. 8, 10 a. m., to erect male and female employees' buildings and nurses' home for Highland (County) Hospital at 14th Ave., Vallejo Pl., E-31st St., Oakland. Henry H. Meyers, architect, Kohl Bldg., San Francisco. Cert. check 10% payable to clerk req. Plans obtainable from clk on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

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Mission 901-902-903-904 SAN FRANCISCO

Plans Rejected.	Cost, \$50,000.
ANNEX	
PASO ROBLES, San Luis Obispo Co.,	
Cal., 13th and Spring Sts.	
Threatened by fire, oakland and reinforced concrete annex to hotel with city offices on first floor.	
Owner—A. I. Smith (Taylor Hotel).	
Architect—Miller & Warnecke, 1404	
Union St., San Luis Obispo, Cal.	
Bids have been rejected and will be slightly revised and refigured by the three lowest bidders. Following is a list of the bids received:	
W. Lange, San Francisco	\$54,150
Anton Johnson, Los Angeles	55,345
Theo. M. Maino, San Luis Obispo	57,734
Hansen, Robertson & Zumwalt,	
Oakland	58,500
Schaefer & MacDonald, Oakland	61,000
West Coast Constr. Co., S. F.	62,000
Murch-Williams Constr. Co., Ogd	66,130

Owner—A. I. Smith (Taylor Hotel).
Architect — Miller & Warnecke, 1404
Franklin St., Oakland.
Lost Builder — War Lane, Paso Robles.

PORTLAND, Ore.—Strong & MacNaughton, structural engineers, corbett Bldg., Portland, have prepared preliminary plans for eight-story annex to Congress Hotel, 6th and Main Sts., Portland; est. cost, \$200,000. Reinforced concrete construction with light brick facing.

Contract awarded.
POWER STATION Cost, \$10,744
OAKLAND. Alameda Co., Cal., Fruit-
vale Power Station.
Steel framing, concrete and tile work
for installation of Turbo-Genera-
tor.
Owner—Southern Pacific Company, 65
Market St., San Francisco.
Architect—S. P. Co.
Contractor—F. J. Fouldall.
NOTE: S. P. Co. has also awarded
contract to Rees Blow Pipe Mfg. Co.,
240 7th St., San Francisco for installa-
tion of a blow pipe system at Fruit-
vale planning mill at Marine Ways,
Oakland, Cal. amount \$7,471.

LOS ANGELES, Cal.—Until 3 p. m., Nov. 18, bids will be rec. by pub. serv. comm., 207 S Broadway, for 50 25-amp., 6600 volt type L Anderson time switches; spec. p-342-425. Jas. F. Vroman, secy.

LOS ANGELES, Cal.—Until 3 p. m., Nov. 25, bids will be rec. by pub. serv. comm., 207 S Broadway, for oil circuit breakers; spec. p-342. Jas. P. Vroman, secretary

LODI, San Joaquin Co., Cal.—Pacific Telephone and Telegraph Co. 333 Grant Ave., San Francisco, will install 350 lines in Lodi District to furnish service to 1400 additional subscribers.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 14 bids will be rec. by hd pub. wks. for pole hdwe. Separate bids also for insulators, cross arms, standard Locust pins, cable splicers' carts. Spec. on file at office of city electrician, 205 city hall annex.

WOODLAND, Yolo Co., Cal.—Pacific Telephone and Telegraph Co. 333 Grant Ave., San Francisco, will expend between \$40,000 and \$50,000 in installing 30,755 ft. cable for additional phone facilities.

Plans Awaiting Final Approval.
AUDITORIUM Cost, \$750,000
SACRAMENTO, Sacramento Co., Cal.
One-story and basement steel frame
and concrete auditorium with
brick exterior.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library
Bldg. Sacramento.

It is expected the city commission will approve plans and call for bids this month.

OAKLAND, Cal. — City council has passed resolutions calling for preparation of plans for proposed municipal museum, to be constructed on the unit system, at 19th and Harrison Sts.; est. cost between \$50,000 and \$60,000.



Plans Being Figured—Bids Close Nov. 18, 1924, 9 A. M.
FIREHOUSE Cost, \$10,000
BERKELEY, Alameda Co., Cal. Virginia St.
 One-story frame and stucco firehouse. Owner—City of Berkeley.
 Architect—W. H. Ratcliff, Jr., Mercantile Bank Bldg., Berkeley.
NOTE—Bids are being taken for a general contract.

Plans Being Completed.
FIREHOUSE, ETC. Cost, \$—
WATSONVILLE, Santa Cruz Co., Cal. Van Ness Ave. near Second St.
 Two-story reinforced concrete and hollow tile firehouse and 4-room and bath apartment for fire chief, 35x50 feet.
 Owner—City of Watsonville.
 Architect—Ralph Wyckoff, San Jose.

RENO, Nev.—The Southern Pacific Co. is contemplating the erection of a passenger station at Reno, Nev., at an approximate cost of \$100,000. The engineering department of the company will prepare the plans, and it is believed that the building will be of brick with stucco finish, although this has not yet been decided.
 Further information will be reported later.

SANTA ROSA, Sonoma Co., Cal.—Santa Rosa Lions' Club will back movement seeking erection of municipal auditorium, seating approx. 3000 persons. Frank P. Doyle, Santa Rosa banker, advocates early construction.

REDDING, Shasta Co., Cal.—County Grand Jury recommends immediate installation of a burglar alarm system in office of county treasurer; est. cost, \$2400.

SONORA, Tuolumne Co., Cal.—Jos. Benetti, Sonora, at \$1796 awarded contract by supervisors to paint county courthouse. Other bids: H. M. Hartvig, Sonora, \$2375; A. E. Bowen, Sonora, \$2590; McKee and Kropp, Stockton, \$2465; J. L. Severn, Stockton, \$4494.

OAKLAND, Cal.—Until Dec. 1, 10 a. m., bids will be rec. by Geo. E. Gross, county clerk, to const. vault in county treasurer's office, Hall of Records Building. Bids previously received for this work were rejected. Cert. check 10% payable to clerk req. Plans obtainable from clerk on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

OAKLAND, Alameda Co., Cal.—Bids were received on Nov. 6th by Eugene K. Sturgis, city clerk, to erect one-story frame and stucco firehouse at northeast corner of Milton and Market Sts., as follows:

J. M. Bartlett, 351 12th St., Oakland	\$ 9,580
land	9,927
Schneely & Hostrawser	10,230
M. E. Hopper & Son	10,388
S. J. Bertelsen	10,662
Lawton & Vezey	10,732
Daniel Nordstrom	10,769
F. W. Maurice	

Bids will be taken under advisement.

LOS ANGELES, Los Angeles Co., Cal.—J. C. Bannister, 6331 Hollywood Blvd. Room 706, submitted low bid to county supervisors Nov. 10 at \$209,810 for general work including concrete, brick and tile masonry, carpentry, composition roofing and lath and plaster, for unit No. 1, Museum of History, Science and Art, Exposition Park. Plans by Allied Architects Association, 1136 Clitz National Bank Bldg. Three-story and basement, 150x200 ft. steel frame. Other bids: Smith Bros., \$229,933; Clinton Constr. Co., \$243,996; MacDonald & Driver, \$247,400; Antwon Johnson, \$249,466; Wm. H. Larkins, \$252,539; Hennessey Bros., \$255,000; North Pacific Constr. Co., \$255,000; Edwards & Wilkey & Dixon, \$280,000; Wm. G. Reed, \$267,000; Davison & Thompson, \$279,700; Walter Slater Co., \$275,935; R. E. Campbell, \$281,266; L. A. Planning Mill Co., \$284,422; J. A. Hill Constr. Co., \$319,000.

OAKLAND, Alameda Co., Cal.—Bids were received Nov. 6 by Eugene K. Sturgis, city clerk, to furnish and install automatic water heaters in the (1) Northern and (2) Eastern Fire Engine Houses. The bids were: F. E. Pollard Co. (1) \$287, (2) \$285; Pittsburgh Water Heater Co., (1) \$286, (2) \$281; Pacific Gas Appliance Co., (1) \$293.50, (2) \$287.50. The bids will be taken under advisement.

SAN ANDREAS, Calaveras Co., Cal.—A. Carlisle & Co., San Francisco, at \$685 submits low bid to supervisors to fur. and install one complete metal double-faced sloped top roller shelf counter containing 110 openings, each opening being 24 in. deep, 2½ in. high and 18½ in. wide in the clear. Other bids, all taken under advisement, were: M. G. West Co., San Francisco, \$698; Tredway Bros., Stockton, \$597.50.

PRATT'S CONCRETE MIX

Clara
by Sand
Pratt



UP IN the mountains.
 NOT 1000 miles from Sacramento.
 LIVES AN old couple.
 WHO ARE raising a grandson.
 WHOSE MOTHER is dead.
 WE WILL call him Willie.
 WHO IS now old enough.
 TO ATTEND public school.
 THEY TAKE the "Bee."
 AND THE little local paper.
 BUT ON Sundays.
 ON THE way from church.
 THEY BUY a Sunday paper.
 EITHER THE Chronicle or Examiner.
 BUT TO keep Willie.
 FROM BEING a bad boy.
 BECAUSE OF reading such stuff.
 AS JIGGS or Andy Gump.
 THE "FUNNIES" are burned.
 IN THE kitchen stove.
 BEFORE WILLIE can read them.
 WILLIE HAS a fertile brain.
 AND TOLD Clarence Sand Pratt.
 OF THE Pratt Building Material Co.
 DOUGLAS 300—"Easy to remember."
 PRODUCER OF clean, sharp sand.
 AND HARD, crushed rock.
 AT SACRAMENTO and Marysville.
 PRATTROCK (NEAR Folsom).
 ALSO PRATTCO, Monterey County.
 THAT THE school kids.
 BROUGHT HIM the "funnies" on Monday.
 IF THEY don't forget.
 AND THAT he kept them.
 IN AN old buckeye tree.
 DOWN NEAR the creek.
 WHEN SANDY (alias Clarence) Pratt.
 WENT TO see Willie's "library."
 SANDY FOUND dozens of "funnies."
 SOME ALMOST a year old.
 ALSO A complete set.

OF NICK Detective Carter's works.
 A BEAUTIFUL volume, entitled.
 "LIFE OF Jessie James, Bandit."
 EVERYTHING TUCKED away.
 SO GRANDMA and the rain.
 COULD NOT disturb them.
 WILLIE SAID the squirrels.
 WATCHED THEM for him.
 IN THE day time.
 AND THAT a big owl.
 WHO HAD a nest.
 IN THE tree top.
 STOOD WATCH at night.
 AND WILLIE told Sandy Pratt.
 PRODUCER OF Clean, sharp sand.
 AND HARD, crushed rock.
 THAT WHEN he grew up.
 AND HAD a little boy of his own.
 HE WAS going to give him the "funnies."
 SO HE could read them.
 AND HAVE some fun.
 AND SANDY likes this story.
 AND BECAUSE so many.
 HAVE COMMENTED upon it.
 SANDY IS printing it again.



Maybe Willie will turn out to be a saxophone operator. Sandy Pratt, President of the Pratt Building Material Co., producer of crushed rock, clean, sharp sand, washed gravel and rock screening at Marysville, Sacramento, Prattrock (near Folsom), Prattco (Monterey County) and San Francisco believes in the "funnies" and Sandy tries to be funny in these columns, but does not always succeed.

RESIDENCES

Plans Completed. Figures to be Taken Shortly.
PAVILLIONS Cost, \$4000
 SAN FRANCISCO, N. Twenty-fourth St. and E. Third Ave.
 Two-story frame from a laundry and dwelling.
 Owner—J. H. Gibson, 245 Charleston St., San Francisco.
 Architect—Gustave Stadberg, 344 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal., 2418 Ashby Ave.
 Residence.
 Owner—E. Young, 2806 Fulton St., Berkeley.
 Architect & Contractor—F. W. Thaxter, 86 El Camino Real, Berkeley.

Contracts Awarded.
RESIDENCE Cost, \$33,000
PIEDMONT, Alameda Co., Cal.
 Two-story frame and stucco residence with terra cotta tile roof.
 Owner—Dr. Robt. Dunn, 1904 Franklin St., Oakland.
 Architect—Williams & Wastell, Amer. Bank Bldg., Oakland.

Plastering—P. H. Donnelly, 333 37th St., Oakland.

Tile Roof—Gladding, McBean Co., 660 Market St., S. F.

Mill Work—Oakland Planing Mill Co., 105 Washington, Oakland.

Plumbing—J. B. Cruz, 1520 Webster St., Oakland.

Electric Work—Frank Bettencourt, Oakland.

Hot Water Heating System—L. F. Frazer, 699 36th St., Oakland.

Work Started.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal. 1532 Hawthorne Terrace.

Two-story 7-room Spanish style, frame and stucco residence, tile roof.
 Owner—Professor Hill, 2524 Benvenue, Berkeley.

Architect—Doctor & Hodgson, 505 Bk. of Italy Bldg., Oakland.

Contractor and Supt.—Mr. Yule, Park Avenue.

Contract Awarded.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Cal., NW Lake & 19th Ave.

Two-story and basement frame residence.
 Owner—George Anderson, 1933 Lake St., S. F.

Architect—F. R. Collins, 1032 Hyde St., San Francisco.

Contractor—A. M. Wallen, 1253 Waller St., S. F.

Contract Awarded.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal., San Luis Road.

Two-story frame and stucco residence.
 Owner—F. E. Pickard, Professor, University of California, Berkeley.

Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Contractor—H. J. H. Savin, 2925 Hille-gass St., Berkeley.

Contractor is now taking sub. bids. House will have hardwood floors, hot air heating and shingle roof.

Completing Plans.
RESIDENCE Cost, \$30,000
PEBBLE BEACH, Monterey Co., Cal.
 Two-story frame and stucco residence with tile roof.
 Owner—Harry Hunt.
 Architect—A. Fonten, 251 Kearny St., S. F.

Plans To Go Out For Figures This Week.
RESIDENCE Cost, \$45,000
PIDMONT, Sea Cliff Ave.

Two-story frame and stucco residence of Italian architecture with terra cotta tile roof (3 rooms).

Owner—Whitehead.
 Architect—W. McCall, Alameda Co. Title & Ins. Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$13,800
OAKLAND, Alameda Co., Cal., Claremont District.

Two-story frame and stucco residence and separate garage with tile roofs.
 Owner—Mrs. Kleinschmidt.

Architect—Chas. W. McCall, Alameda Co. Title Ins. Bldg., Oakland.
 Contractor—H. C. Andreson, 1229 Pearl St., Alameda.

Contract Awarded.
DWELLINGS Cost, \$9000 each
SAN FRANCISCO, W. Pierce St., 75 to 150 N. Capra Way.

Four 1-story and basement frame dwellings.
 Owner—R. G. Hall, 6140 Geary St., San Francisco.

Architect—None.
 Contractor—Thos. Hamill, 6140 Geary St., S. F.

Contract Awarded.
DWELLING Cost, \$10,657
SAN FRANCISCO, Cal., Lot 4 Blk. 10, St. Francis Wood.

Two-story and basement frame dwlg. Owner—Joseph A. Hatter, 10 3rd St., San Francisco.

Architect—Masten & Hurd, 278 Post St., San Francisco.

Contractor—Henry F. Papenhausen, 532 3rd Ave., S. F.

Contract Awarded.
RESIDENCE Cost, \$15,000
BERKELEY, Alameda Co., Cal., Claremont District.

Two-story and basement frame and stucco residence.
 Owner—John Calkins Jr., Syndicate Bldg., Oakland.

Architect—Ernest Coxhead, Hearst Bldg., San Francisco.

Contractor—J. B. Malmstrom, 2326 27th St., S. F.

Plans Being Figured.
RESIDENCE Cost, \$—
PEBBLE BEACH, Monterey Co., Cal., Pebble Beach.

Two-story and basement frame and stucco slate roof Normand type residence (17 rooms, 5 baths and separate garage).

Owner—Withheld.
 Architect—Houghton Sawyer, Hearst Bldg., San Francisco.

Bids are being taken for a general contract.

Contract Awarded
RESIDENCE Cost, \$15,000
SAN FRANCISCO, NW Lake and 24th Ave.
 Two-story and basement frame residence.
 Owner—F. H. Turner, 1200 Battery St., San Francisco.
 Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
 Contractor—R. A. McLean, 761 17th Ave San Francisco

Plans Being Figured—Bids Close Nov. 19, 1924.
RESIDENCE Cost, \$14,000
OAKLAND, Alameda Co., Cal., Claremont District.

Two-story frame and stucco residence and separate garage with tile roofs.
 Owner—Mrs. Kleinschmidt.

Architect—Chas. W. McCall, Alameda Co. Title Ins. Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$10,565
SAN FRANCISCO, W Santa Paula 327 S Verba Buena

Two-story and basement frame residence.
 Owner—T. H. Porramore.

Architect—H. H. Gutterson, 526 Powell St., S. F.
 Contractor—Moore & Watson, 77 O'Farrell St., S. F.

PALOS VERDES, Imperial Co., Cal.—Arch. Kirtland Cutter, 1010 F & M Bank Bldg., Long Beach, has complete plans and work will start at once on a 10-room, 2-story dwlg. in Palos Verdes for Ella D. Campbell. Frame and plas, tile rfg., hardwd. fls. and trim, 3 tile baths, unit sys. htg., aut. water htr.; \$20,000.

PALOS VERDES, Imperial Co., Cal.—Arch. Kirtland Cutter, 1010 F & M Bank Bldg., Long Beach, has completed plans and work will start at once on a 10-room, 2-story dwlg. in Palos Verdes for Ella D. Campbell. Frame and plas, tile rfg., hardwd. fls., hard-wood trim, 6 tile baths, unit sys. htg., aut. water htr.; \$40,000.

SCHOOLS

Plans Being Prepared.
LABORATORY Cost, \$—
PALO ALTO, Santa Clara Co., Cal. University Campus.

One-story steel and corrugated iron experimental laboratory.
 Owner—Leland Stanford Jr. University.

Architect—Bakewell & Brown, 251 Kearny St., San Francisco.

Completing Plans.
GYMNASIUM BLDG. Cost, \$60,000
POMONA, Los Angeles Co., Cal., Pomona H. S. Dist.

Reinforced concrete and brick gymnasium building.
 Owner—Pomona Union High School Dist., Pomona, Cal.

Architect—Wm. H. Weeks, 369 Pine St., San Francisco, and Tribune Tower, Oakland, and Robert H. Orr, 1305 Corporation Bldg., Los Angeles.

Plans will be ready for figures in about a week.

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DIRECT FACTORY BUYERS

SAN JOSE, Santa Clara Co., Cal.—The following bids were received on Nov. 11th, at 5 o'clock P. M. by the Board of Education of the City of San Jose for the construction of a two-story reinforced concrete junior high school building to be erected on Santa

Clara Street, between Junior High School. Plans were prepared by Architects W. H. Weeks, 369 Pine St., San Francisco, and Curtis, Binder Bldg., San Jose, associated. The two lowest bids were taken under advisement.

General Contract

Proposition No. 2, Deduct for Omitting Music Room

	Prop. No. 1	Alt. 1	Prop. No. 8
F. T. Edmans, 143 N-8th St., San Jose.....	\$203,970	\$1,100	\$14,297
R. O. Summers, San Jose.....	211,998	1,100	16,000
Jorgensen & Cook, San Jose.....	213,246	1,853	14,699
Robert Trost, San Francisco.....	214,560	1,100	16,500
E. Nommensen, San Jose.....	216,000	1,600	16,400
R. W. Muller, San Francisco.....	216,700	1,390	14,200
R. W. Littlefield, Oakland.....	221,800	1,350	
J. F. Shepherd, Stockton.....	234,000	100	14,262
Cobby & Owsley, San Francisco.....	239,800	1,440	19,000
Herdon & Finnigan, Sacramento.....	239,812	1,150	

Heating and Ventilating

Ideal Heating Co., 192	
Erie St., S. F., \$17,955	\$17,955
W. K. Nottingham, 368	
10th St., Oakland., 18,444	18,444
W. S. Bays, Alameda., 18,570	18,570
P. J. Enright, S. F., 18,785	18,785
W. H. Picard, Oakland, 18,935	18,935
Geo. Schuster, Alameda, 19,976	19,976

Electrical Work

Butcher, 68 S-Willard St., San Jose, \$11,136, \$407, \$998, \$247	
Bay-McKinn Co., 550 Howard St., S. F., \$12,587, \$288, \$300, \$307	
M. E. Ryan, Redwood City.....	\$13,000
\$650; \$1404; \$370.	
E. Newberry, S. F., \$13,267	
\$181 \$245, \$425.	

Plans Being Figured—Bids Close Dec.

1, 1924, 8 P. M.

TURLOCK BLDG. Cost, \$60,000

TURLOCK, Stanislaus Co., Cal.

Two-story brick auditorium bldg.

seating capacity 1500 persons.

Owner—Turlock Union High School

District.

Architect—Wm. H. Weeks, 369 Pine St.

S. F. and Tribune Tower, Oakland.

Bids are being taken for a general

contract. Plans may be obtained from

the architect.

OCEANSIDE, San Diego Co., Cal.—

Theo. C. Kistner & Co., architects, 616

Pantages Bldg., Los Angeles, and 537

Spreckels Bldg., San Diego, will pro-

ceed at once with working drawings

for the new Oceanside Union High

School addition. Money is now avail-

able and call for bids will be issued

soon; 8 classrooms and auditorium;

stucco exterior, composition roof, gas

heating system, maple floors. Cost,

\$80,000.

NAPA, Napa Co., Cal.—Frank Lamb, Vallejo, at \$3295 awarded contract by Gordon Valley School District to erect one-story frame and stucco school.

INGLEWOOD, L. A. Co., Cal.—Arch. Norman F. Marsh, 211 Broadway Central Bldg., Los Angeles, has been commissioned to prepare plans for 2 grammar school bldgs. at Inglewood for Inglewood Grammar School Dist. No details have been definitely decided, although the \$175,000 bond issue recently voted will be used to erect 1 new bldg. and an additional bldg. on one of the present grammar school sites.

LOS ANGELES, Cal.—Until 9 a. m., Nov. 26, bids will be rec. by L. A. bd. of ed. for addition to Hammel Street school, Bannick and Hammel Sts. Separate bids will be taken on general, plumbing, painting, heating and ventilating, and electrical. Plans and spec. as prepared by bd. of ed. archt. dept. on file at 730 Security Bldg., Los Angeles. Cert. or cash check or bond, 5% Wm. A. Sheldon, secy. Two-story, 60 by 145 ft., brick constr., press. brick facing, comp. rf., maple fls., reinf. conc., corridors and stairs; \$32,000.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Inc. Bldg., Los Angeles, are preparing plans for the Law bldg. to be erected for the University of Southern California. Three-story and basement, 120x120 ft., class C brick constr., cast stone trim, clay tile rfg., pine inter. trim, steam htg.

EAGLE ROCK, Los Angeles Co., Cal.—Van Nuys Bldg. is preparing plans for a 12-unit 1-story and part 2-story school building at San Rafael school site, Eagle Rock, for the Board of Education. Auditorium and classrooms, brick walls, part basement, tile corridor and stair construction, slate blackboards, etc.

SAN FRANCISCO—Elliott and Grant, 180 Jessie St., at \$4,136 submit low bid to Board of Public Works to construct exits at Girls' High school auditorium. Other bids were:

H. Smith.....	\$4,411
J. C. Smith.....	4532
Grant and Hart.....	5700

MARTINEZ, Contra Costa Co., Cal.—Martinez School District has purchased 14-acre site on which it is proposed to erect a new grammar school.



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SAN FRANCISCO—Anderson and Johnson submitted low bid of \$144,900 for construction of a new building at 1430 Broadway, San Francisco, Cal. The building is a four-story structure with a total area of 10,000 sq. ft. The estimated cost is \$144,900. The building is to be used as a warehouse and storage building. The estimated cost is \$144,900. The building is to be used as a warehouse and storage building. The estimated cost is \$144,900.

General Contract
Anderson and Johnson, \$144,900
O. Mottishaw, \$127,700
Barrett and Thilp, \$100,200
K. B. Parker, \$100,000
Mahoney Bros., \$39,000
J. C. McLaughlin, \$31,100
J. L. Wright, \$24,489
Anton Johnson, \$20,150
Sampel and Gody, \$20,000

Mechanical Department
W. J. Bay, (awarded), \$16,199
W. H. Picard, \$10,026
Knittle-Cashel Co., \$10,228
A. Lettich, \$10,330
Scott Co., \$17,393
P. J. Enright, \$17,410
Gilles-Schmidt Co., \$17,956
Geo. A. Schuster, \$17,960
Fred. W. Snook Co., \$18,306
Turner Co., \$18,660
Thos. Skelly, \$20,349

Electric Work
L. Flatland (awarded), \$9,652
Crown Electric Co., \$9,975
Rute El. & Eng. Co., \$10,032
Pacific Elec. Const. Co., \$10,417
Decker Elec. Const. Co., \$10,733
Standard Elec. Const. Co., \$10,938
M. E. Ryan, \$11,900

Plumbing
Gilles-Schmidt Co. (awarded), \$14,154
Thos. Skelly, \$15,597
A. J. Wilson, \$16,466
A. Lettich, \$17,392

Electric Fixtures
Dowd-Seid Elec. Co. (awarded), \$1,520
J. W. Burchell, \$1,375
Severin Electric Co., \$2,000
Roberts Mfg. Co., \$3,150

SAN JOSE, Santa Clara Co., Cal.—Until November 20, 1923, 5 P. M. bids will be received by W. L. Bachrodt, Secretary of the Board of Education, City of San Jose, for heating and ventilating system at the new Woodrow Wilson Junior High School Bldg. (formerly "Grant Street" school) now being erected according to plans and specifications prepared by W. H. Weeks 369 Pine St., San Francisco and Binder & Curtis, Associated Architects, San Jose, or at the office of the Secretary of the Board of Education, High School Bldg., San Jose.

Bids previously taken for this work were rejected. Slight changes in the plans have been made.

See "Official Proposals" this issue.

EVERETT, Wash.—Bids will be asked shortly to erect three-story, E shape, 40 classroom, auditorium, boys' and girls' gymnasium, junior high school to be erected in Everett for School District No. 24, Snohomish County. Morrison & Stinson, architects, Lumber Exchange Bldg., Seattle. Brick and terra cotta construction.

SAN FRANCISCO—L. E. Hamilton, at \$4490 submitted low bid to Board of Education for construction of a new building, \$6500; Grant and Hart, \$7650; A. Lettich, \$7952; Matthews and Gale, \$7994; Elliott and Grant, \$8400; A. S. Hamilton, \$8440.

GERLACH, Nevada—Until Dec. 8, bids will be received by Mont E. Hutchison, Clerk, Gerlach Consolidated School District No. 27, to construct addition to present school. Plans obtained from clerk, at or by mail.

BANKS, STORES & OFFICES

Completing Plans. Cost, \$200,000
Bank Bldg.
SACRAMENTO, Cal. Seventh and K Streets.

Two-story and basement Class A bank building.
Owner—United Bank & Trust Co.
Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.

Plans will be ready for figures in about six weeks.

Contract Awarded. Cost, \$7385
STORES
SAN JOSE, Santa Clara Co., Cal. The Alameda.

One-story brick (4) stores.
Owner—Mr. J. Atlas.

Architect—Wolfe & Higgins, Auzeiras Bldg., San Jose.

Contractor—H. Sherman, 41 W-San Antonio St., San Jose.

Plans Being Figured. Cost, \$12,000
STORES
SAN JOSE, Santa Clara Co., Cal. Santa Clara St., bet. 2nd and 3rd Sts.

Two-story brick stores and loft building (2 stores).

Owner—Markovits & Fox, 40 N-Fourth St., San Jose.

Architect—Wolfe & Higgins, Auzeiras Bldg., San Jose.

Bids are being taken for a general contract.

Completing Plans—Ready for Figures
In About a Week. Cost, \$35,000
OFFICE BLDG. Ocean Ave and Watson Street.

Brick branch Post Office building.
Owner—Louis R. Lurie Co.

Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Lessees—United States Government.

Contract Awarded. Cost, \$12,000
STORES
OAKLAND, Alameda Co., Cal. SE Cor. Grand Ave. and Boulevard Way.

One-story concrete stores.
Owner—E. Romie, 2655 Dwight Way, Berkeley.

Architect—Hutchison & Mills, 1214 Webster St., Oakland.

Contractor—R. Wilson, 3051 Benvenue Ave., Berkeley.

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LOS ANGELES

Temporary Plans Being Prepared.
EXCHANGE BLDG. Approx. \$400,000
SAN FRANCISCO, Cal. SW Van Ness Ave. and Stanislaus St.
Four to eight-story Class A telephone exchange building, 100x150 (height not decided).

Contract—L. E. Hamilton, Tel. & Tel. Co. 333 Grant Ave., San Francisco.

Architect—Architectural Dept. of Owner (E. V. Cobby, S. F.)

Figure to be taken in a few days.

STORE BLDG. Cost, \$13,000
SAN FRANCISCO. N Commercial St. bet. Kearny and Montgomery Sts.

Three-story and basement reinforced concrete and stone building.

Owner—Withheld.

Architect—Belle J. Osborne, Bulboa Bldg., San Francisco.

Completing Plans—Figures to be Taken
in Two Weeks. Cost, \$32,000
STORES, ETC. Cost, \$32,000
SAN JOSE, Santa Clara Co., Cal. 2nd St. near Santa Clara.

Two-story reinforced concrete building (4 stores, printing plant and dancing academy).

Owner—Roy Atkinson.

Architect—Wolfe & Higgins, Auzeiras Bldg., San Jose.

Completing Plans. Cost, \$25,000
STORES, ETC. Cost, \$25,000
BURLINGAME, San Mateo Co., Cal. Howard St.

One-story reinforced concrete and hollow tile building (2) stores and (2) shops.

Owner—Withheld.

Architect—Kuhn & Edwards, Commercial Bldg., San Francisco.

Contract Awarded. Cost, \$15,000 approx.
STORE BLDG. Cost, \$15,000 approx.
SAN FRANCISCO. Fillmore and Fulton Streets.

One-story and basement reinforced concrete store building (6 stores).

Owner—H. Ramacciotti, 228 Montgomery St., S. F.

Architect—Willis Lowe, Monadnock Bldg., S. F.

Contractor—C. F. Parker, 251 Kearny St., S. F.

Completing Plans—Ready for Figures
in Two Weeks. Cost, \$50,000
STORE BLDG. Cost, \$50,000
BURLINGAME, Primrose Rd. and Burlingame Ave.

One-story and mezz. class C store bldg. owner—Levy Bros.

Architect—E. L. Norberg, 593 Market St., San Francisco

Pile Foundation, Excavating & Pumping—Bids Being Taken. Cost, \$50,000
BUILDING Cost, \$50,000
SAN FRANCISCO. W Embarcadero 45.10 N Howard.

One-story class C store building with wooden pile foundation.

Owner—Pope & Talbot Land Co.

Architect—J. E. Krafft & Sons, Phelan Bldg., S. F.

NOTE—Bids will be taken in about two weeks for the building.

Bids Being Taken. Cost, \$12,000
BUILDING Cost, \$12,000
BURLINGAME, San Mateo Co., Cal. Broadway and El Camino Real.

One-story concrete store building.

Owner—L. Liberopolis, Burlingame.

Architect—Capt. Ernest L. Norberg, 593 Market St., S. F.

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Description

CHAS. SCHULTHEIS, Mgr.

2117-2119 TWENTIETH STREET
near Harrison St.

SAN FRANCISCO, CALIF.



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

Manufacturers of

ENCLOSED EXTERNALLY OPERATED SAFETY SWITCHES, KNIFE SWITCHES, METAL SWITCH AND CUT-OUT BOXES, SAFETY SWITCH BOARDS

247 MINNA STREET

SAN FRANCISCO

Phone Sutter 3008

Plans Complete—Contracts To Take Sub-Figures.
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO, W. S. H. & Co., Cal.
Forma.
Building Class A office bldg.
Owner—Fidelity Fund Ins. Co., 315 Montgomery St., S. F.
Architect—W. S. H. & Co., 315 Montgomery St., S. F.
Contractors—Moosehead & Kahn, 130 Montgomery St., San Francisco.
 The new building will adjoin the present structure of the Fidelity Fund Insurance Co.

Contract Awarded.
BUILDING. Cost, \$800 approx.
SAN MATEO, San Mateo Co., Cal.
Junction of El Camino Real and Crystal Springs Road.
One-story frame and stucco bldg.
Owner—Cal. State Automobile Association.
Architect—W. H. Crim Jr. and H. Murdoch, 425 Kearny St., S. F.
Contractor—Chas. Pedersen, 60 Peninsula Court, San Mateo.

Preliminary Plans Being Prepared.
BANK BLDG. Cost, \$75,000
RED BLUFF, Tehama Co., Cal.

One-story reinforced concrete and terra cotta bank building.
Owner—First National Bank of Tehama County, Red Bluff.
Architect—Wm. H. Weeks, 363 Pine St., San Francisco and Tribune Tower, Oakland.

To Be Done By Day's Work.
STORE BLDG. Cost, \$20,000
BURLINGAME, San Mateo Co., Cal.
Burlingame Ave. near El Camino Real.
One-story brick and tile arcade store building.
Owner—John W. Rutherford, Burlingame, Cal.
Architect—E. L. Norberg, 593 Market St., San Francisco.

Plans Being Prepared.
OFFICE BLDG. Approx. \$700,000
OAKLAND, Alameda Co., Cal.
Franklin St.
Twelve-story Class A office building.
Owner—A Corporation, Name Withheld.
Architect—Wythe, Blaine & Wilson, 1800 Telegraph Ave., Oakland.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco.
 The financing is now being arranged

Plans Complete—Work To Be Done By Day's Labor.
STORE BLDG. Cost, \$—
BERKELEY, Alameda Co., Cal., Alston Way.
One-story reinforced concrete store bldg., 40x120 ft., (7 stores).
Owner—Chas. W. Heyer Jr., Mills Bldg., San Francisco.
Architect—W. McCall, Alameda County Title & Ins. Bldg., Oakland.

SAN FRANCISCO, Cal.—Alex Coleman, 708 Ellis St., has been awarded a contract for plumbing and heating for a ten-story reinforced concrete store and office building being erected on Post St. between Powell and Mason Sts. for Selah Chamberlain. Plans were prepared by Bakewell and Brown, 251 Kearny St. Engineer T. Ronneberg, Crocker Bldg., has charge of awarding contracts. Bids for the electrical work are under advisement. Other bids will be taken later.

SAN FRANCISCO, Cal.—Standard Electric Co., 30 Natoma St., S. F. has been awarded contract for the electrical work in the ten-story and basement Class A office and loft building, owned by Selah Chamberlain, planned by Bakewell & Brown, 251 Kearny St., S. F., architects. Engineer T. Ronneberg, Crocker Bldg., S. F. having charge of awarding contracts.
 Other contracts previously awarded are: Furnishing terra cotta awarded to Gladding-McLean Co., Crocker Bldg., S. F. Brick work and setting tile to Reed & Reed, 180 Jessie St., S. F. Low bidder for concrete work, H. L. Peterson, Lick Bldg., S. F.
 Bids will be taken next week for ornamental iron and carpentry work.

LOS ANGELES, Cal.—McFadden and Winkelman, 1102 W. Pico St., were awarded gen. cont. for erecting a class C store, office and lodge bldg. at Hoover and 23rd Sts. and Union Ave., for Golden State Masonic Lodge, Morgan, Walls & Clements, 1124 Van Nuys Bldg. archts. The bldg. is 215x13x215 ft.; a portion of the present bldg. will be remodeled and the remainder will be improved with a 3-story and basement structure with stores in first story and offices and lodge rooms above. Brick constr., stucco exter., cast stone trim, plate glass, steel beams, comp. rfrg., pine trim, cem. and hdwd. fls., marble and tile work.

SANTA MONICA, Los Angeles Co., Cal.—Chas. A. Tegner, 402 Santa Monica Blvd., Santa Monica, is taking segregated bids for four-story Class B department store building at the southeast corner of 4th St. and Santa Monica Blvd., Santa Monica, for himself; 50x100 ft., basement steel frame, brick walls, composition roof, ornamental iron, plate glass, maple and composition floors, electric elevators, marble and tile. Cost, \$80,000. H. C. Hollwedel, architect, 1819 S. Manhattan Pl., Los Angeles.

BEVERLY HILLS, Los Angeles Co., Cal.—Archit. W. Asa Hudson, Woodward Beekman Bldg., Beverly Hills, has completed plans and bids have been taken for 1-story store bldg. at n.e. cor. Doheny Dr. and Burton Way, Berkeley Hills, for S. S. Anderson's 3 stores, stucco exter., tile rfrg., plate glass; will contain garage, market, drug store, etc.; \$42,000.

POSITION WORKS MANAGER

Young man seeks opening with manufacturer of sheet metal or light structural steel products, or a standard product, heating and ventilating systems, building material, etc. Able organizer of plant and employees, shop and cost systems, improver of products, member American Society Mechanical Engineers, best of reference. Possible future financial investment.
 Address to Engineer, 1920 East 17th St., Oakland, Calif.

TRADE MARK

JOHNSON

RIPSAWING CUT-OFF MACHINE

FAST

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COUNTERPOISED

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POWER

SPEED

ON THE SQUARE

CONVENIENT

JOHNSON SAFETY SAW WORKS

SAN FRANCISCO, CALIFORNIA

20 STILLMAN ST.

1924

Los Angeles, L. A. Co., Cal.—Arch. W. J. Saunders, 227 Laughlin Bldg., is preparing plans for a 7-story and basement class A store and loft bldg. on Los Angeles St., bet. 5th and 6th Sts., for the Army & Navy Store. Dimen., 82.5x130 ft., reinf. conc. constr., stucco exterior, plate glass, steel sash, 3 elevators, steel rolling doors, gas reads; \$175,000.

SANTA CRUZ, Santa Cruz Co., Cal.—W. H. Crowe & Sons, Santa Cruz, auto-sales agents, have purchased site 75 by 123 ft. in Walnut avenue and plans early construction of an autosalesroom structure of fireproof construction.

HAYWARD, Alameda Co., Cal.—H. Ogaar, formerly of Sioux City, and now a resident of Hayward, has purchased site 68 by 95 ft. at Castro St. and Melvin Court and plans early construction of a store and autosales building. A. Sorenson, Hayward contractor, will erect the building. Estimated cost, \$20,000.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald E. Parkinson, 420 Title Ins. Bldg., Los Angeles, have prepared plans for a class A store and loft bldg. to be erected on S side of 7th St., bet. Hope and Flower Sts., for the Martz Estate. Three-story and basement, designed for 12-story, 44x125 ft., steel frame, reinf. conc. and brick, terra cotta facing, plate glass, elevator

SAN JOSE, Santa Clara Co., Cal.—The Bank of Italy is planning the erection of a new building at First and Santa Clara Sts., San Jose. H. A. Min-ton, Bank of Italy, San Francisco, will be the architect, it is understood.

THEATRES

Working Drawings Being Prepared.
THEATRE ETC. Cost, \$150,000
BURLINGAME, San Mateo Co., Cal., N Burlingame 320 E El Camino Real. One-story steel frame class A vaudeville theatre and 4 store bldg., Spanish style, cement and tile exterior, tile roof (125 seats).
Owner—Ackerman & Harris, S. F.
Architect—S. Helman, 57 Post St., San Francisco.

It will have a fully equipped stage. Plans will be ready for figures in a month.

Plans Being Revised.
THEATRE BLDG. Cost, \$175,000
OAKLAND, Alameda Co., Cal., Grand, Lakeside and Walker Avenues. Two-story Class A theatre building (1800 seating capacity).
Owner—A. C. Karski and Louis Karski.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
New bids will probably be called for.

OAKLAND, Alameda Co., Cal.—It is reported that Louis R. Lurie, 315 Montgomery St., San Francisco, and associates will erect boxing arenas in Oakland, San Francisco, Los Angeles and Fresno.

It is also reported that the arena to be built in Oakland will cost approximately \$500,000 and will have a seating capacity of at least 10,000. Further information will be reported later.

Ready for Figures End of This Week.
THEATRE Cost, \$30,000
OAKLAND, Alameda Co., Cal., 18th St. and Park Blvd.
Class A theatre (1000 seats).
Owner—Golden State Theatre Co.
Architect—Mark Jorgensen, 110 Sutter St., San Francisco.
Bids will be taken for segregated contracts.

Contract Awarded.
ALTERATIONS Cost, \$18,000
OAKLAND, Alameda Co., Cal., Franklin and Fourteenth Sts.
Remodel front and interior of theatre (redesigning, slight changes in heating, erect entire new front, cement plastered).
Owner—Ackerman & Harris.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco.

LOS ANGELES, Cal.—L. A. Smith, 301 S Western Ave., Los Angeles, is preparing plans for 3-story brick bldg. on Ocean Blvd. w of new West Coast Theatre, for Gore Brothers, Sol Lesser and Adolph Ramish of West Coast Theatres Co., Walter Horne and I. E. Barker. It will contain 5 stores, cafe and studios; 100x150 ft., terra cotta and press, brick front, plate glass and marble store fronts, comp. rl., struc. steel; \$100,000. Plans will be ready for figures latter part of next week.

PASADENA, L. A. Co., Cal.—J. H. Woodworth & Son, 200 E Colorado St., Pasadena, will start work at once on theatre bldg. at s.e. cor. E Colorado St. and Roosevelt Ave. E Pasadena, for W. and Emma Hickmore, 46 S Roosevelt Ave., Pasadena. Kenneth A. Gordon, archt.; \$50,000.

WHARVES AND DOCKS

Plans Being Figured.
STATION Cost, \$50,000
OAKLAND, Alameda Co., Cal., Oakland & Jerome Aves.
One-story frame and stucco station with tile roof.
Owner—Key Route System.
Architect—Chas. W. McCall, Alameda Title Ins. Bldg., Oakland.

SAN FRANCISCO—Constructing Quartermaster, Fort Mason, completes plans for reconstruction of tender pier and Transport Dock No. 1 and bids will be asked about Jan. 1. Work involves creosoted and timber piles.

SAN FRANCISCO—See "Streets and Sewers," this issue. Plans completed for outfall sewer. Piling work.

SAN FRANCISCO—Healy-Tibbitts Constructors, Co., 64 Pine St., submits only bid to Constructing Quartermaster, Fort Mason, to drive piles, etc., for wharf repairs at Fort McDowell.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
STATION Cost, \$3660
OAKLAND, Alameda Co., Cal., Oakland & Jerome Aves., submits One-story frame and stucco station with tile roof.
Owner—Key Route System.
Architect—Chas. W. McCall, Alameda Title Ins. Bldg., Oakland.
Contractor—C. H. Lawrence, 5321 Lawton Ave., Oakland.

Additional Sub-Contracts Awarded.
ADDITION Cost, \$134,400
SAN FRANCISCO, Seventeenth St. near Mariposa St.
One-story reinforced concrete additional floor to municipal car barn.
Owner—City and County of S. F.
City Engineer—M. M. O'Shaughnessy, City Hall.

Sub-contracts were let as follows:
Roofing—J. W. Bender Roofing & Paving Co., Monadnock Bldg., S. F.
Glass—P. A. Smith Co., 638 4th St., S. F.
Heating—Gilley-Schmid Co., 198 Otis St., San Francisco.
Contracts have not been let on plastering or painting.

FRESNO, Fresno Co., Cal.—Fresno Post No. 4, American Legion, plans early construction of boxing arena, seating 5000, costing \$10,000.

SAN FRANCISCO—Calif. Steel Co., 2nd and Harrison Sts., Oakland, at \$29,640 awarded contract by San Francisco Board of Public Works to erect steel bus structure for Moccasin Creek Power Plant, Hetch Hetchy project. (53484) 1st report Oct. 25; 2nd Nov.

LOS ANGELES, Cal.—City of Los Angeles has completed plans for 1-story sewer screening plant at end of City Rd. n. of Coast Blvd. Hyperion, H. A. Van Norman, City Engr., P. A. Varner, des. rm. 318 Brunswick Bldg. 160x36 ft. reinf. conc. frame, brick panels, steel truss rl., tile and tar and gravel rfg., cem. fls.; \$40,000.

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Official Proposals

NOTICE TO CONTRACTORS (Alameda County Hospital)

Office of the Clerk of the Board of Supervisors, Alameda County, Calif.
Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until Monday, December 8, 1924, at 10 o'clock A. M. (the day when said bids will be opened and the contract awarded) for the erection and completion of male and female employees buildings and nurses' home for Highland Hospital of Alameda County at Fourteenth avenue, Vallecito Place and East Thirty-first street, Oakland, California.

Complete plans and specifications for said work are on file in the office of the County Clerk in the Hall of Records Building, City of Oakland, California, where copies may be obtained by depositing with the County Clerk the sum of twenty Dollars (\$20.00). Contractors will be restricted as to the length of time they may retain these plans and specifications to ten (10) days.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposit to the County of Alameda. The entire amount of the deposit will be returned to contractors returning said plans and specifications in good condition within said time limit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid, or proposal, certified to by some responsible bank and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract. (SEAL) GEO. E. GROSS, Clerk of the Board of Supervisors of the County of Alameda.
Dated: November 3, 1924.

BIDS WANTED FOR EXTENSION TO STOCKTON POST OFFICE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C. November 3, 1924—
SEALED PROPOSALS will be opened in this office at 3 p. m., December 1, 1924, for extension, including incidental changes in and extensions to the mechanical equipment of the United States Post Office at Stockton, California. Drawings and specifications may be obtained from Custodian of the building, or at this office in the district office of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

NOTICE TO CONTRACTORS (County of Alameda—Vault)

Office of the Clerk of the Board of Supervisors, Alameda County, Calif.
Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office until Monday, December 1st, 1924, at 10 o'clock A. M. (the day when said bids will be opened and the contract awarded) for the erection and completion of a vault for the Treasurer's office in the Hall of Records Building, Oakland, Alameda County, California, Department No. 2.

Complete plans and specifications for said work are on file in the office of the County Clerk in the Hall of Records Building, City of Oakland, California, where copies may be obtained by depositing with the County Clerk the sum of Ten Dollars (\$10.00). Contractors will be restricted as to the length

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

of time they may retain these plans and specifications to ten (10) days.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposit to the County of Alameda. The entire amount of the deposit will be returned to contractors returning said plans and specifications in good condition within said time limit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid, or proposal, certified to by some responsible bank and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract. (SEAL) GEO. E. GROSS, Clerk of the Board of Supervisors of the County of Alameda.
Dated: November 3, 1924.

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on Dec. 8, 1924, at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows: Madera County, a concrete girder bridge across Chowchilla River, about two and one-half (2½) miles north of Chowchilla (VI-Mad-4-C), consisting of five 25 foot spans; San Bernardino County, a wooden crossosot pile trestle across the Main Canal of the Yuma Project about one mile west of Yuma (VIII-Imp-27-B), consisting of five 19 foot spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the of-

ice of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willets, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. MILTON,
LULIS W. VERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. P. MILTON, Secretary.
Dated November 10, 1924.

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN That Sealed Bids will be received and opened by the Board of Education of the City of San Jose, Santa Clara County, State of California, in the office of the Board of Education, High School Building, San Jose, California, up to 5 P. M. ON THE 20TH DAY OF NOVEMBER, 1924, for the following work in connection with the new Wilson Junior High School Building to be erected in the City of San Jose, California, according to plans and specifications prepared for the same by W. H. Weeks, Architect, 350 Pine street, San Francisco, or at the office of Binder & Curtis, Associated Architects, San Jose, California, or at the office of the Secretary of the Board of Education, High School Building, in the City of San Jose: Heating and Ventilating.

All bids should be presented on bid forms furnished by the architects. Each bid must be accompanied by a certified check on responsible California bank in a sum of not less than five per cent (5%) of the amount bid, made payable to the President of the Board of Education of the City of San Jose, for the purpose stated in the specifications.

Each bid must be delivered in a sealed envelope and addressed to W. L. Bachrodt, Secretary of the Board of Education, and endorsed "Proposal for Heating and Ventilating for the Woodrow Wilson Junior High School Building."

The Board reserves the right to reject any and all bids.

W. L. BACHRODT,
Secretary of the Board of Education,
City of San Jose, California.

BIDS WANTED FOR FREIGHT ELEVATOR

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. November 3, 1924—SEALED PROPOSALS will be opened in this office at 3 P. M., Dec. 1, 1924, for the installation, complete, of one full magnet electric freight elevator for the U. S. Post Office Extension at Stockton, Cal. Drawings and specifications may be obtained at this office in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
603 Mission Street, at Third St.
San Francisco, Cal.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

SAN LUIS OBISPO CO., Cal.—Following bids rec. Nov. 10 by State Highway Commission to const. rein. conc. bridge, 21 ft. wide, across Simmons Creek, about 14 mi. east of Paso Robles, consisting of one 34 ft. and two 21 ft. spans on concrete bents.
 C. C. Gildersleeve Ins't. \$5106
 Wm. Lane, Paso Robles \$886
 Adel Courtright, Hanford 6797
 Theo. M. Maino, San Luis Obispo 6943
 Engineer's estimate, \$5653.

RIVERSIDE, Cal.—Until Dec. 1, bids will be rec. by Supervisors to const. Alberhill bridge on Corona-Elsinore Rd. A. C. Fulmer, county surveyor.

WILLOWS, Glenn Co., Cal.—Berlinger and Bostrom, Orland, at \$2275 awarded cant. by supervisors to const. rein. conc. bridge in Rd. Dist. 3 (McSheehy Bridge). Other bids: Bales and Ferguson, Colusa, \$3200; Hillaker and Halterman, Willows, \$2485.

HANFORD, Kings Co., Cal.—Until Nov. 21, 11 a. m., bids will be rec. by E. F. Pickerill, county clerk, to const. rein. conc. bridge on Riverbend highway (Rd. No. 714), involv. 39.23 cu. yds. conc.; 2600 lbs. square deformed reinforcing steel. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from Roy May, county surveyor, on deposit of \$5, returnable.

RIVERSIDE, Cal.—Until 10 a. m., Dec. 1, bids will be rec. by supervisors to const. 2-span conc. girder bridge, 65 ft. in length, on the Corona-Elsinore Rd. near Alberhill, involv. (1) lump sum on bridge compl., incl. remod. of old bridge, (2) 114.5 cu. yds. excav., (3) 176.3 cu. yds. A. conc., (4) 14,809 lbs. reinf. steel, (5) remod. old bridge. Plans on file at office of County Surveyor A. C. Fumor.

MADERA COUNTY, Calif.—Until Dec. 8, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. girder bridge in Madera county, over Chowchilla river, about 2½-mi. north of Chowchilla, consisting of five 25-ft. spans. R. M. Morton, state highway engineer. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 1, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. culvert in McAbee rd., Supervisor Dist. No. 4. Robt. Chandler, county surveyor. Plans on file in office of clerk.

LOS ANGELES, Cal.—Oberg & Butler, 769 Gower St., submitted low bid to supervisors for culv., incl. fills, etc., across Cherry Ave., Pac. Elec. Ry. and Cypress Ave., at San Pedro.

IMPERIAL COUNTY, Calif.—Until Dec. 8, 2 p. m., bids will be used by State Highway Commission, Forum Bldg., Sacramento, to const. wooden cross-tie pile trestle across main canal of Yuba project, about 1-mi. west of Yuma, Imperial County, consisting of five 19-ft. spans. R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Wm. Martin, 456 Delmas St., San Jose, at \$1989 awarded cant. by supervisors to const. rein. conc. culvert in Waverly Ave. over Matadejar Creek, Supervisor Dist. No. 5. H. F. Meyers bid \$2400. Eng. est. \$2090.

DREDGING, HARBOR WORKS AND EXCAVATIONS

NEWPORT BEACH, Cal.—Pacific Yachting Assn. requests that Orange county harbor comm. const. jetty about 300 ft. to the west of the present one and parallel with it.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Eng. Geo. A. Kneese estimates cost of outlet sewer through marsh and across new Eastside Highway at \$3,000; will be 4½ ft. deep, 30 ft. wide.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Pacific Portland Cement Co., Pacific Bldg., San Francisco, awarded cant. by Merced Irrigation District, to fun. and del. cement for Exchequer Dam project \$3.32 per bbl., allowing 40 cents on return of sacks and 5 cents for cash. Cowell Lime & Cement Co., San Francisco, bid \$3.37 bbl.

PORTERVILLE, Tulare Co., Cal.—Ralph F. Ware, Los Angeles, awarded contract by Vandalla Irrigation District for ditch work in connection with irrigation works. Western Pipe and Steel Co. awarded cant. for pipe lines ranging from 4 to 36-in. dia.

OAKLAND, Cal.—City council petitioned to install electroliner system in Grand Ave., bet. Broadway and Harrison Sts. W. W. Harmon, city eng.

SAN RAFAEL, Marin Co., Cal.—Land owners in vicinity of Bolinas petition county supervisors seeking formation of Bolinas Irrigation District comprising 3000 acres. A dam would be constructed on Arroyo Honda Creek and the water conveyed in pipe lines.

NAPA, Napa Co., Cal.—Napa County Farm Bureau compiling estimates of cost for proposed Conn Canyon Irrigation Project dam providing storage facilities for 12,000 acres of land. It is expected irrigation works complete would cost \$100 per acre. The dam and ditch work would cost approximately \$1,000,000.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council declares inten. to install 41 conc. ornam. lights in Anaheim St., bet. End Ave. and Anaheim St.

Carbide Flare Lights
 OxyAcetylene Equipment
 Goggles—Respirators
 First Aid Supplies

Carried in stock

E. D. BULLARD

505 HOWARD STREET
 San Francisco, Calif.

Douglas 6320

SAN MATEO, San Mateo Co., Cal.—City council, E. W. Foster, clerk, declares inten. (No. 24-6) to install in portions of 3rd Ave., El Camino Real, A St., 22 c. i. single lamp electroliners, 1911 Act and Bond Act 1915. Protests Dec. 1.

LOS ANGELES, Cal.—Council declares inten. to install 88 pressed steel posts in Beverly Blvd., bet. Vermont and Western Aves; 1911 act.

LOS ANGELES, Cal.—Council declares inten. to install 39 conc. ornam. lights in McCadden Pl., Las Palmas Ave. and Cherokee Ave., bet. Wolloughby and Melrose Aves. and 2 conc. posts in Waring Ave., with cables, conduits, etc.; 1911 act.

MONTEREY, Monterey Co., Cal.—Until Nov. 25, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to install street lighting system under Resolution of Intention No. 1993, 1911 Act. Cert. check 10% payable to city req. H. D. Severance, city eng. Plans on file in office of clerk.

LOS ANGELES, Cal.—Council declares inten. to install ornam. lights in Western Ave., bet. Jefferson St. and Santa Barbara Ave. 92 pressed steel posts.

Homewood Ave., bet. Cahuenga Ave. and Seward St.; 14 conc. posts.

Western Ave., bet. Pico and Washington Sts.; 42 pressed steel posts.

MACHINERY AND EQUIPMENT

OAKLAND, Cal.—Until Nov. 25, 1:30 p. m., bids will be rec. by Park Directors, Helen V. Escey, Sec'y., to fun. one power lawn mower. Bond of \$500 req. of successful bidder. Additional information obtainable from secretary, Room 407 City Hall.

ALHAMBRA, Cal.—Hall-Johnson Co., 3025 Fowler St., has started work on 400-ton asphalt paving plant at 1101 S. Westminster, Alhambra; est. cost, \$22,000.

COMPTON, Cal.—Until 7:30 p. m., Nov. 18, bids will be rec. by city clerk for one steel sand trap. Plans on file at office of city clerk. Cash or cert. check or bond 10%. Maude Heacock, city clerk.

LOS ANGELES, Cal.—Union Iron Wks 5125 Santa Fe Ave., awarded cant. by pub. serv. comm. at \$6150 for one elec. traveling crane of 5-ton cap. for use in the Ducommun shop, 441 N Ducommun St.

RAILROADS

DUNSMUIR, Siskiyou Co., Cal.—Southern Pacific Co. at Market St., San Francisco, is reported to be making surveys for proposed railroad from point near Dunsmuir north along east side of Mt. Shasta to connect with present Weed-Klamath branch. The proposed extension is in line with the Natron Cut-off.

FIRE ALARM SYSTEMS

STOCKTON, San Joaquin Co., Cal.—Until Nov. 17, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to install police and fire alarm systems. Bids previously received for this work rejected due to error in proceedings. Cert. chk. 10% payable to City Auditor req. Plans on file in office of clerk. W. B. Hogan, city eng.

FIRE EQUIPMENT

NEWPORT BEACH, Cal.—Until 7:30 p. m., Nov. 15, bids will be rec. for 400 ft. 1½-in. std. thread fire hose. V. A. Schuler, city clerk.

BRAWLEY, Cal.—Hewett Rubber Co., Los Angeles, lowest bid, of \$11.11 for 500 ft. fire hose.

MISCELLANEOUS SUPPLIES

POMONA, Cal.—Until 12 m. Nov. 18, bids will be rec. for 1860 enamel iron street signs. Spec. at office of F. C. Proch, city engineer, P. O. Heater, city clerk. Cert. check or bond 10%.

RESERVOIRS AND DAMS

DEL MAR, Cal.—Until 10 a. m. Nov. 22, bids will be rec. by Santa Fe Irrig. Dist. to const. concr. reservoir. Cert. chk. or bond, 5%. W. O. Boettiger, secy.

NAPA, Napa Co., Cal.—See "Irrigation Projects," this issue. Construction estimates being compiled.

PIPE LINES, WELLS, ETC.

RED BLUFF, Tehama Co., Cal.—Until Dec. 1, 7 p. m., bids will be rec. by E. F. Lennon, city clerk, to bore well in Field 75. Further information obtainable from clerk.

SAN LUIS OBISPO, Cal.—Following bids rec. by city council to furnish 2000 ft. 4-in. class pipe: a well and spigot pipe in 16-ft. lengths, not less than 45-100ths inch thick with outside dia. of 5-in. and weight not less than 21.7 lbs. lin. ft. Delivered f. o. b. San Luis Obispo: American C. I. Pipe Co., Los Angeles, \$76 ft. with alt. bid of \$72 if city would await shipment from factory. U. S. Cast Iron Pipe Co., San Francisco, \$70 ft. and \$60 ft. for centrifugally cast pipe; Steven, Smith & Co., San Francisco, McWayne brand, \$74 ft. with alt. bid \$69 f. o. b. factory. taken under advisement.

CORCORAN, Kings Co., Cal.—Harp Bros., have contr. to drill four wells, approx. 2000 ft. each, to be connected with 24 and 26-in. concr. pipe underground, on 2000 ac. grass on Leavies Ave., 10 Seas. 22, 27, and 31, for Barton Popolare Fugazul, of San Francisco, on which grading operations have been commenced. E. S. Battelle, represents the owner. L. F. Rhodes has contr. for concr. pipe. Est. cost, \$67,000.

SAN BENARDINO, Cal.—Until 7:30 p. m. Nov. 18 bids will be rec. for water pipe as follows: Full weight std. merchant pipe galv. threaded and coupled —20,000 ft. ½-in., 852 lbs. per ft.; 1000 ft. ¾-in., 1,134 lbs. per ft.; 1000 ft. 1-in., 1,684 lbs. per ft.; 1000 ft. 1½-in. pipe, 2,741 lbs. per ft. full weight std. merchant pipe, black, threaded and coupled, with thread protectors; not dipped —5000 ft. 3-in., 7,616 lbs. per ft.; 1500 ft. 4-in., 10,880 lbs. per ft. Cert. chk. or bond, 10%. J. H. Osborn, city clk.

SEWAGE DISPOSAL PLANTS

CHICO, Butte Co., Cal.—Martin C. Polk, consulting engineer, commissioned by city trustees to make survey of improvements required to place sewage farm in condition necessary to meet approval of State Board of Health

PORTERVILLE, Tulare Co., Cal.—Currie Engr. Co., Alhambra, completes spec. for sewage treatment plant. Est. cost, \$43,000. Proposed plant will consist of two units of imhoff tanks, \$17,000; filter beds, \$15,000; dosing chamber, \$8600; misc., \$1250; engineering, \$3500; proceeds, \$500.

MISCELLANEOUS CONSTRUCTION

TRACY, Calif.—Geo. L. Frerichs, city clerk, announces the city of Tracy is interested in establishing a gas plant and desires to get in touch with parties interested in such a project. The city has several sites to offer and guarantees a good number of consumers.

HERMOSA BEACH, Cal.—\$35,000 garbage incinerator plant bond issue carried at election Nov. 4.

YOLO COUNTY, Cal.—State Railroad Commission authorizes State Highway Commission, R. M. Morton, Chief engineer, to const. undergrade crossing at intersection of State Highway No. 16 in Washington Township. Yolo County cost to be apportioned on basis of 75% to States, 25% to R. R., Highway Commission will pay all cost of paving.

WATER WORKS

LOS ANGELES, Cal.—United Casting Co., Wilson and Violet Sts., awarded contr. by pub. ser. comm. at \$34.22 ea f. o. b. whse, 510 E. 2nd St., for 200 2½-in. single fire hydrants. A similar contract was awarded to Keystone Iron & Steel Works, 2931 Santa Fe Ave., at \$34.40 ea., f. o. b. same point.

American Steel Pipe & Tank Co., 113 W. 9th St., awarded contr. at \$6625 for 1200 joints No. 10 gaugs stove pipe well-casing and four starters, spec. 735-B.

SAN JOSE, Santa Clara Co., Cal.—City council on Nov. 10 agreed to consider proposal of City Councilman D. M. Denegri to finance construction of municipal water system. It is proposed to float \$3,000,000 bond issue to finance the system. Other advocates of the plan propose purchase of present system of San Jose Water Works or by construction of municipal mains to connect with Hetch Hetchy system of city of San Francisco. Wm. Fopp is city eng. of San Jose.

BAKERSFIELD, Kern Co., Calif.—Petitions seeking disincorporation of Bakersfield Municipal Water District and the establishment of a water system owned and operated by the city are being circulated. The request for disincorporation follows recent defeat of \$1,500,000 water bond proposals by citizens. The principal objection to the plan was that it would take an extra set of officials to conduct a utility that, if managed directly by the city, could be conducted by the city management with the advice of the city engineer at no additional cost to the taxpayers. Decision of the city council to establish a city system will mean that negotiations to buy out the two local water companies, which were interrupted by the defeat of the bond issue, will be resumed.

ANAHEIM, Cal.—City council will ask bids for sprinkler system in the city park, covering about 20 acres.

PASADENA, Cal.—\$950,000 water bond issue carried at election Nov. 4.

WILLIAMS, Colusa Co., Cal.—State Reclamation Board, Forum Bldg., Sacramento, will purchase pumping equipment for installation in Williams Irrigation District; est. cost \$15,000.

CALIPATRIA, Cal.—\$50,000 water system and filtration plant bond issue defeated at election Nov. 4.

HAWTHORNE, Cal.—Until 8 P. M., Nov. 17, bids will be rec. for work complete for 10,000 6-in., 3000 ft. 4-in. riv. steel pipe, 2808 ft. 2-in. std. screw pipe, valves, fittings, connections to old mains etc. Plans on file at office of engr. C. P. Harnish, 1112 Hollingsworth Bldg., Los Angeles. Cert. chk. or bond, 10%. Bonds for this work were voted some time ago.

OKDALE, Stanislaus Co., Cal.—Until Dec. 1, 8 P. M., bids will be rec. by R. L. Acker, city clerk, to fur. and install pumping machinery at municipal water plant. Cert. check 10% payable to C. E. Wood, president of Bd. of City Trustees req. Specifications on file in office of city clerk.

ANAHEIM, Cal.—Until 8 P. M., Nov. 13, bids will be rec. for one water pump, 900 gal. per min. against 110 ft. head, price to be f. o. b. cars Anaheim. Spec. on file at office of Edw. B. Merritt, city clerk. Cert. chk. or bond, 10%.

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LOS ANGELES, Cal.—Until 9 A. M., Nov. 19, bids will be rec. by hd. of ed. for water supply tank at Jefferson High School.

COMPTON, Cal.—Until 7:30 p. m., Nov. 18, bids will be rec. for one motor propelled triple combination pumping engine, chemical and hose wagon. Spec. on file at office Maude Heacock, city clk. Cert. chk., 2%.

PLAYGROUNDS AND PARKS

RICHMOND, Contra Costa Co., Cal.—Los Angeles capitalists have purchased the H. H. Collins property in this hills between San Pablo and the Standard Oil Tank Farm and will establish a semi-public golf course.

STOCKTON, San Joaquin Co., Cal.—City council will appropriate funds to increase municipal golf course to eight-hole holes. Funds will also be provided for landscape work in connection with the project. A. L. Banks is city clerk.

SANTA BARBARA, Cal.—Cabrillo park bond election will be changed to allow \$12,000 for municipal athletic field.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded contract by council to imp. Jerome St. bet. Delmas and Prevost Sts. Invol. grade and pave with 4-in. Warrenite-Bit. surfs., const. hyd. cem. conc. walks, curbs, gutters; 2 hyd. cem. conc. storm water inlets.

RIVERSIDE, Cal.—Until 10 a. m., Dec. 1 bids will be rec. by supervisors to imp. portion of Hamner Ave. north of Corona, invol. (1) 3952 cu. yds. excavation; (2) 4200 lin. ft. shaping roadbed; (3) 131,200 sq. ft. mac. pav.; (4) 220 lin. ft. 12-in. corr. iron culv.; (5) 220 cu. yds. cem. conc. headwalls. Plans on file at office of County Surveyor A. C. Fulmore.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Foote Ave. bet. Mission and Ellington Sts., invol. 129 lin. ft. conc. curb; 1927 sq. ft. asph. conc. pavement.

Spec. completed to imp. W. ¼ of Stanyan St., bet. Alma and east line of Stanyan at its intersection with north line of Estes St., invol. 2082 sq. ft. art. stone walks.

CORONADO, Cal.—City trustees approve spec. to 19 alleys. T. J. Allen, city engr.

REDDING, Shasta Co., Cal.—City council has ordered proceedings started to pave following streets: type of pavement to be determined when estimates of cost have been prepared: North St., from Court to West St.; Shasta, from California to West St.; Tehama from Oregon to West St.; Yuba, from Court to West St.; Placer, from West to Magnolia Ave.; Willis, from Placer to Butte St.; Sacramento, from Center to Court St.; South, from California to Court St.; Center, from California to Oregon railroad right of way from Yuba St. to Placer St.; Center on west side of California and Oregon railroad right of way from Yuba St. to Sacramento St.; Oregon from Placer to South St.; West, from Placer to North St.; California, from South to Hill St.; Shasta road, from West St. to city limits.

SEATTLE, Wash.—Until Nov. 14, 10 a. m., bids will be rec. by Wm. J. Freeman, city purchasing agent, to fur. 860 curb and corporation cocks for water dept. Spec. obtainable from C. B. Bagley, secy. Bd. Pub. Wks.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to bd. pub. wks. to imp. Angelus Mesa Dr., bet. Adams St. and 5175 ft. s. thereof, invol. grade at \$6000, 299,247 sq. ft. conc. pave 18c, 4157 sq. ft. remod. oil surf. 7c, 36 sq. ft. curb, 180 sq. ft. walk 18c, san. sewer \$5000, 5068 lin. ft. hse. conc. \$1.25. Total \$72,220.55

HERMOSA BEACH, Cal.—Council declares intent to imp. Prospect Ave., bet. lots 41 and 42, Hermosa Hts. Tr. and lots 51 and 52, Tr. 733, invol. 6-in. conc. pav., A conc. curbs, curb returns, 2-in. wrt. iron monuments; 1911 act.

EL CERRITO, Contra Costa Co., Cal.—Town Eng. Ross L. Calves, 221 S. 2nd St., Richmond, completes spec. to pave portions of Lexington, Liberty, Central, Oak, Willow, Eureka and Stockton Aves. Bids will be asked shortly.

TUOLUMNE COUNTY, Calif.—Until Nov. 28, 10 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bur. of Pub. Rds., 9 Main St., San Francisco, to const. Sonora-Long Barn Nat'l. Forest Highway, Tuolumne county, located about 8-mi. east of Sonora. Project 12.6 mi. in length. Invol. 70 acres clearing; 85,000 cu. yds. excavation; 186 cu. yds. A and 240 cu. yds. C conc.; 15,400 lbs. rein. steel; 4350 lin. ft. corr. metal pipe; 23,300 cu. yds. crushed rock surfacing (optional). Plans on file at office of engineer, Calif. State Highway Commission, Forum Bldg., Sacramento, and W. S. Dolliver, U. S. Eng. on project at Soulsbyville, Calif.

OAKLAND, Cal.—City council, E. K. SturGIS, clerk, declares intent to imp. 8th St. bet. Peralta and Pine Sts., invol. grading and paving; construct curbs and gutters, catchbasins, manholes and conduits. 1911 Act.

76th Ave., from Beach St. n.e., invol. grade and pave; const. curbs and gutters. 1911 Act.
Portions of Watts St., north of Peralta Ave., invol. grade and pave; construct curbs and gutters. 1911 Act.
Commerce Way, bet. 15th and 16th Aves., and portion of 14th and 15th Aves., adjacent to commerce Way, invol. grading and paving; const. sewer with manholes, lampholes and wye branches. 1911 Act.
Protests Nov. 12. W. W. Harmon, city engineer.

WHATCOM COUNTY, Wash.—Until Nov. 25, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bureau of Public Roads, 216 New York Bldg., Portland, Ore., to surface Shuk-san-Austin ass section of Mt. Baker highway, Whatcom county, Wash., 8.71 mi., invol. 5700 cu. yds. crushed rock base course; 500 cu. yds. crushed rock, top course; 900 cu. yds. crushed rock, sub-base; 500 cu. yds. crushed rock maintenance; 350,000 gals. water applied; sub-grade 8.71-mi. Spec. obtainable from eng. on deposit of \$10, returnable.

TAFT, Kern Co., Cal.—Taft Boosters Club proposes to organize road imp. dist. to finance paving of highway leading from Taft through Maricopa to Bakersfield-Los Angeles highway.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch clerk, declares intent to imp. Royal St., bet. Auzerale Ave. and San Carlos St., invol. grade and pave with 1½-in. Warrenite-Bit. surfacing on 3-in. bituminous base; hyd. cem. conc. walks, curbs and gutters. 1911 Act and Bond Act 1915. Protests Nov. 24. Wm. Popp, city eng.

BAKERSFIELD, Kern Co., Cal.—Until Nov. 24, 5 p. m., bids will be rec. by V. Van Riper, city clerk, (No. 561) to imp. portions of N. 14th, 18th Sts., invol. grading const. cem. conc. curbs and walks; surface with oil and sand. 1911 Act. Protests Nov. 3. (Imp. St. Dist. No. 501). Cert. check 10% payable to city reg. W. D. Clarke, city eng.

OAKLAND, Cal.—City votes bonds to \$1,147,000 to finance new sewers and extensions. W. W. Harmon, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares intent. (No. 371) to imp. Liebrand Ave. invol. grading; const. conc. curbs, gutters and driveway approaches; vit. clay pipe sewer laterals; pave with 5-in. 44-ft. wide Port. cem. conc. 1911 Act. Protests Dec. 4. H. E. Godegast, city eng.

LOS ANGELES, Cal.—Contracts for materials for Sections 17, 18 and 19, North Outfall Sewer, awarded are:

Common sewer brick, \$210 M. to Standard Brick Co., 101 Stimson Bldg., at \$15.50 per M.
Sand, 3700 tons conc. sand and 300 tons mortar sand, to Mayhugh-McGaffey Co., 11th Ave. and Exposition Blvd., at \$1 ton conc. sand and \$1.25 ton mortar sand, prices to incl. all frt. charges on material shipped by rail.

Crushed rock or screened gravel, 5300 tons, to Union Rock Co., 1402 E. 16th St., at \$1 ton, plus, frt., from plants—Rivas, Puente, Largo, Crush-ton, Calif., to company's Sherman bunkers and Vineyard Distrib. Sta. (City pays frt.).

Vitrified clay lining blks., 104,000 lin. ft., as follows: 52,000 lin. ft. to Tropico Potteries, Inc., Glendale, at \$122 per M less 2% disc. payment, 10th mo. following deliv., and 52,000 lin. ft. to Pac. Clay Products, Inc., 600 American Bank Bldg., at \$122 per M less 2% disc. payment 10th mo. following date of invoice.

All bids for pre-cast conc. pipe rejected.

CHICO, Butte Co., Cal.—City trustees, Ira R. Morrison, clerk, declares intent. (No. 1924-A) to imp. portions of Normal Ave., Chestnut, Hazel, Ivy, Cherry and other sts., invol. grading; const. hyd. cem. conc. curbs, gutters and walks; corr. galv. iron culverts; gutter drain inlets; reconstr. manholes; 4-in. vit. sewer pipe; pave with 1½-in. asph. conc. surface on 3½-in. asph. conc. base, 1911 Act & Bond Act 1915. Protests Nov. 21. Raymond Witt, city engineer.

OAKLAND, Cal.—John Garden, Oakland, awarded contract by council to imp. Walnut Ave., invol. 8-in. sewer, \$33 lin. ft.; 6-in. sewer, \$30 lin. ft.; manholes, \$62.50 each; lampholes, \$17 each; wye branch, \$1 each.

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SAN ANSELMO, Marin Co., Cal.—A. G. Ralsch, 46 Kearny St., San Francisco at \$36,249 awarded cont. by town trustees to imp. Greenfield Ave., 350 cu. yds. excavation, grading, \$.85 cu. yd.; 91,000 sq. ft. grading, surface, \$.03 sq. ft.; 91,000 sq. ft. asphalt. conc. pave, \$.239 sq. ft.; 400 cu. ft. conc. in headwalk, curbwalk and cover; 12 in. cu. gutter, 1.25 lin. ft.; 50 lin. ft. 36-in. corr. iron pipe culvert, \$.6 lin. ft.; 60 lin. ft. 18-in. do., \$.4 lin. ft.; 120 lin. ft. 12-in. do. \$.25 lin. ft.; 6 catchbasins, \$.25 each.

LOS ANGELES, Cal.—R. A. Watson, 4928 Melrose Hill, awarded cont. for const. Sec. 19. Outfall Sewer (city to fur materials), bet. intersection of Melrose Ave. with Alta Vista St. and of Beverly Blvd. with Orange Grove, as follows: Item A, using type 2, 4-ft. 3-in. semi-ellip. conc. sewer, 920 ft. from Sta. 0 minus 02.00 to Sta. 9 plus 18.23, incl. curves, struc., stubs, spurs, etc., at \$5290, with 2c per bar deduction for omission of reinf. steel in base as specified; item B, using type 4, base as specified; item C, using type 4, 2-ft. 3-in. semi-ellip. conc. sewer, 3297 lin. ft. from Sta. 31 plus 60.92, to Sta. 65 plus 135.50, with 1c per bar deduction for omission of reinf. steel in base as specified.

KLAMATH FALLS, Ore.—Klamath County votes bonds of \$125,000 to finance completion of The Dalles-California highway.

EUREKA, Humboldt Co., Cal.—City council petitioned to pave with 5-in. conc. 7th St. to Myrtle St. and Broadway. Harry H. Hannah, city eng.

LOS ANGELES, Cal.—Until 2 p. m., Nov. 24, bids will be rec. by supervisors for:

County Imp. No. 139, Ford St. bet. Eugene Ave. and Anaheim-Telegraph Rd., 1.45 mi., involv. 8933 cu. yds. excav., 31,400 sq. yds. shaping, 607 ft. curb, 247 sq. ft. walk, 1754 sq. ft. gut., 31,400 sq. yds. conc. pave. Est. const. price, \$81,909.35.

County Imp. No. 308, Fir St. between Manchester and Shorb Aves., 47 mi., involv. 2983 cu. yds. excav., 10,434 sq. ft. gut., 9956 sq. yds. conc. pave. Est. const. price, \$21,429.15.

County Imp. No. 309, Elm St. betw. Manchester and Shorb Aves., 47 mi., involv. 3351 cu. yds. excav., 1284 ft. curb, 10,330 sq. ft. gut., 9973 sq. yds. conc. pave. Est. const. price, \$22,245.50.

County Imp. No. 305, 61st Pl. betw. Compton and Hooper Aves., 24 mi., involv. 1188 cu. yds. excav., 4063 sq. yds. shape, 2184 ft. curb, 5057 sq. ft. gut., 1295 sq. yds. walk, 4063 sq. yds. asphalt. conc. base, 4063 sq. yds. asphalt. conc. top. Est. const. price, \$10,285.05.

Plans and spec. on file at office of Mame B. Beatty, county clerk.

MONTREY, Monterey Co., Cal.—City Council, A. J. Mason, clerk, declares intention (No. 1996) to imp. Jefferson St. bet. Main and Pacific and bet. Pacific and High Sts., involv. grade and pave with 2½-in. asphalt. conc. base and 1½-in. asphalt. conc. surface; conc. curbs, gutters and walks; 2 in. corr. iron culverts; 4 catchbasins; 7 sidewalk crossings. 1911 Act & Bond Act 1915. Protests Nov. 25. H. D. Severance, city eng.

PCMONA, Cal.—Until 12 m., Nov. 18, bids will be rec. to pave Locust St. bet. 1st and 2nd Sts., 6 in. conc. pave. Cert. check or bond 10%. F. C. Froehde, city engineer.

SAN BERNARDINO COUNTY, Cal.—Until Dec. 8, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento to grade 2.3 mi. in San Bernardino county bet. ½ mi. west of Barstow and 1 mi. east of Barstow. R. M. Morton, state highway engineer. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—J. H. Fitzmaurice, 251 12th St., Oakland, at \$1438 awarded cont. by supervisors to const. cement walks at Arroyo Sanitarium.

SAN FRANCISCO—E. J. Treacy, Call Bldg., San Francisco, at \$5,337.65 awarded cont. by Ed. Pub. Wks. to imp. Child St. bet. Greenwich and Lombard Sts., involv. 804 lin. ft. conc. curb, \$1 lin. ft.; 2,950 sq. ft. art. stone walks, \$1.75 sq. ft.; 6170 sq. ft. conc. pave, \$.32 sq. ft.; steps, curbs, walls, etc., \$275; total bid, 363 lin. ft. 8-in. sewer \$4 lin. ft.; 28 8-in. wye branches, \$2 ea.; 3 br. manholes, \$120 ea.

PHOENIX, Ariz.—According to latest reports, \$300,000 road bond issue, for highway from Phoenix to Blythe, was defeated at recent election.

ARCADIA, Cal.—Until 8 p. m., Nov. 19 bids will be rec. to imp. Alice Diamond, Santa Anita and Orange Sts.: grade, oil, mac. pave, curb. Cert. chk. or bond. 10%. G. W. Meade, city clk. G. E. Watson, city engr.

REDLANDS, Cal.—Until 2 p. m., Nov. 19, bids will be rec. to pave High Ave. bet. Church and Orange Sts., 4-in. mac. gut., curbs, walks, 8-in. vit. pipe, wye branches; 1911 act. C. P. Hook, city clk.

SAN LUIS OBISPO, Cal.—City Engr. L. W. Moore instructed to prepare estimates of cost for different kinds of pavement for Palm St. bet. Chorro St. and S. P. right of way. Condition presented to city council asked for 6-in. conc. with walks and curbs.

SAN FRANCISCO—Ed. Pub. Wks. completes spec. to const. 12,670 sq. ft. art. stone walks in Valencia St. bet. Army and Mission; Mission St. bet. Army and Valencia and Army St. bet. Valencia and Mission; est. cost \$3,160.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at \$8,829.79 awarded cont. by council to imp. Clinton St., involv. grading, \$.04 sq. ft.; asphalt. macadam surface, \$.06 sq. ft.; waterbound macadam base, \$.04 sq. ft.; conc. curb, \$.65 lin. ft.; conc. gutter, \$.30 sq. ft.; sewer laterals, \$1.10 lin. ft.; handhole traps, \$.7 ea.; part circle corr. metal-conc. culverts, \$2 lin. ft.; conc. catchbasins, \$.30 ea.

WILLIAMS, Colusa Co., Cal.—Manuel Smith, 1003 85th Ave., Oakland, at \$29,397 submits low bid to town trustees to const. sewer system. Other bids were: Frederickson and Shannon, Fresno, \$34,479; W. J. Tobin, \$35,620; M. Murphy, \$36,172. Engineer's est. \$30,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Constr. Co., Watsonville, at \$24,684.71 awarded cont. by council to imp. 5-Branciforte Ave., involv. grading, \$.02½ sq. ft.; conc. pav. \$1.7½ sq. ft.; conc. curb, \$.55 lin. ft.; conc. walks, \$.20 sq. ft.; sewer laterals, \$.75 lin. ft.; handhole traps, \$.6 ea.; 5½-in. by 12-in. part circle corr. metal-conc. culvert, \$1.50 lin. ft.; 5½-in. by 16-in. do., \$1.60 lin. ft.; 5½-in. by 18-in. do., \$1.70 lin. ft.; conc. catchbasins, \$.25 ea.

TAFT, Kern Co., Cal.—Due to protests of Southern Pacific, Pacific Oil and Sugar Railways, having 43 per cent. of lands affected, city trustees have abandoned proceedings to pave approx. 20 blocks of downtown streets.

SANTA BARBARA, Cal.—Until 5 P. M., Nov. 20, bids will be rec. for 6-in. vit. sewer in Redrick St. bet. Quarantine St. and 370 ft. n.; 1911 act. S. B. Taggart, City Clerk.

SANTA BARBARA, Cal.—Until 5 P. M., Nov. 20, bids will be rec. to pave Chapala St. bet. Cabrillo Blvd. and Yanonali St. and portions of other Sts.: 1½-in. asphalt. conc. on 5-in. conc. base, gut., comb. curb and gut., stone curb, 5-in. vit. sewer, 4-in. base, conc. 6-ft. walks; 1911 act. Geo. D. Morrison, city engineer.

HANFORD, Kings Co., Cal.—Until Nov. 20, 3:30 p. m., bids will be rec. by W. Armstead, clerk, Hanford Joint Union High School District, to const. 5000 or more sq. ft. conc. walks at school property. Cert. check 10% req. fifth bid. Further information obtainable from clerk.

RENO, Nevada—County Commissioners authorize preparation of spec. for permanent road between Gerlach and Empire.

SANTA ROSA, Sonoma Co., Cal.—Clark and Henery Const. Co., Chancery Bldg., San Francisco, awarded cont. by council to imp. 2nd St. bet. Davis and Main Sts., involv. grading and pave with 3-in. Willite process asphalt. conc. 2.20 cu. yd. vit. sewer, 4-in. base, conc. gutter, \$.85 lin. ft.; hyd. cem. conc. curb \$.60 lin. ft.

Clark and Henery awarded cont. to imp. 7th St. bet. Wilson and Washington Sts., involv. grading and paving with 3-in. Willite process asphalt. conc. \$.20 sq. ft.

LYNNWOOD, Cal.—Hall-Johnson Co., Box 355, Main Office, Los Angeles, cont. at \$11,364 for imp. Osgood St. and Anderson Ave., involv. 7400 sq. ft. gut. 27.5c sq. ft., 66,630 sq. ft. grading 2c ft., 66,630 sq. ft. 4-in. oil mac. pav. 12c ft.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$53,553 awarded cont. by council to imp. Spring St. bet. Wash and Harris Sts., involv. grading and pave with 2-in. asphalt. conc. base and 1½-in. Warrenite Bit surface; 6-in. vit. pipe sanitary sewers and house connecting laterals; corr. conc. sanitary sewer manholes with c.i. tops, covers and wrought steel iron steps; conc. culverts and curbs.

Mercer-Fraser Co. at \$21,303 awarded cont. to imp. portions of A St., involv. grading, paving with asphalt. conc. base (various thicknesses) and 1½-in. Warrenite-Bit surface; c.i. and conc. culverts; vit. pipe; house sewer laterals; catchbasins; cem. curbs.

SAN ANSELMO, Marin Co., Cal.—T. Ongaro, Fairfax, at \$2318.90 submits only bid to city trustees to const. sanitary sewer with wyes in portions of Calumet Ave., including bulkhead, br. and conc. manholes. Taken under advisement.

HUNTINGTON BEACH, Cal.—City Engr. E. M. Billings, preparing open spec. to pave 14th St. bet. Palm Ave. and Main St. This spec. were changed from Willite to open spec. over several protests.

(Continued on Page 41)

Auto Supplies

at Cut Rate

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST.

Junction Valencia

Phone Market 8926

24 VAN NESS AVENUE

Near Market

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
16410	Old Home	Glaser	1475
16411	Calder	Houder	1800
16412	Peterson	Lebera	4000
16413	Associated	Owner	1500
16414	Sokolov	Owner	30000
16415	Tullberg	Owner	21000
16416	Sharboro	Owner	24000
16417	Maffei	Owner	8000
16418	Davies	Hansell	18000
16419	Bostford	Callaghan	3000
16420	Slepnikoff	Owner	3000
16421	Meyer	Owner	14000
16422	Stevens	Owner	7800
16423	Eckman	Owner	3000
16424	John	National	4750
16425	Kanz	Owner	5000
16426	Crocker	Owner	4200
16427	Mellough	Owner	8000
16428	Pope	Owner	12000
16429	Stewart	Owner	8000
16430	Sullivan	Wander	7450
16431	Murphy	Lindeman	5750
16432	Anderson	Meyer	4158
16433	Same	Same	4158
16434	Pedro	Owner	1000
16435	Feltman	Mullen	5800
16436	Galaga	Owner	8500
16437	Hills	Western	4250
16438	Same	Pneumatic	1285
16439	Holden	Terry	4000
16440	Union	Owner	2000
16441	Real	Wagner	5000
16442	Berg	Berg	2000
16443	Rodney	Owner	2000
16444	Loftus	Owner	7500
16445	Meyer	Owner	3000
16446	Jungcalus	Metz	1375
16447	Field	Owner	6000
16448	Rednall	Owner	19000
16449	Welsh	Owner	12000
16450	Schmidt	McLeran	350000
16451	Campbell	Owner	5000
16452	Cliff	Peterson	93200
16453	Hills	Bender	4310
16454	McCarthy	Arnott	3000
16455	Cowell	Cahill	45000
16456	Ebbinghausen	Carty	5377
16457	Meyer	Owner	6000
16458	Foster	Bertolino	2000
16459	Schaffauser	Papenhausen	6000
16460	Traves	Owner	3000
16461	Canilla	Larson	6000
16462	McKnight	Owner	3000

16463	Castello	Owner	3000
16464	Chaskey	Owner	2300
16465	Sullivan	Owner	3000
16466	Morris	Owner	6000
16467	Mullaly	Andersen	3800
16468	Sullivan	Owner	3000
16469	Capobianco	McDonough	1400
16470	Epp	Owner	25000
16471	Potlans	Rees	2000
16472	Sassan	Owner	2000
16473	Meyer	Meyer	16000
16474	Tiscornia	Owner	6000
16475	Curran	Owner	2000
16476	Lazarakes	Mullen	2000
16477	Brauch	Owner	1000
16478	Wells	Owner	2000
16479	Paggetto	Guisti	1800
16480	Sander	Nielsen	6000
16481	Wayland	Fennel	1900
16482	Trentocoste	Owner	2000
16483	Theriot	Ellison	1000
16484	Old Home	Glaser	1475
16485	Press	Mullen	2000
16486	Alderson	Owner	4000
16487	Lindeman	Owner	28500
16488	Hall	Hamill	36000
16489	Heyman	Owner	36000
16490	Anderson	Wallen	12000
16491	Price	Riedy	12000
16492	Despaoli	New Bldg.	15000
16493	Martinelli	Coye	8000
16494	Robinson	Hamil	8000
16495	Hatter	Papenhausen	10657
16496	Ramaccroth	Parker	11373
16497	Lindeman	Lindeman	12000
16498	Nineteen	Drake	17800
16499	Nineteen	Decker	5998
16500	Nineteen	Bradley	10038
16501	Nineteen	Edwards	5350
16502	Nineteen	Peterson	3949
16503	Nineteen	Peterson	9605
16504	Nineteen	Zelinsky	6445
16505	Nineteen	Marinelli	20470
16506	Nineteen	Moore	15350
16507	Nineteen	Toscanini	13200
16508	Nineteen	Brooke	1010
16509	Nineteen	Grant	9280
16510	Nineteen	Wilson	1875

OVEN
(4640) NO. 3983 SACRAMENTO ST.
Construct brick bake oven.
Owner—Old Home Pastry Co., Prem.
Architect—None.
Contractor — J. P. Glaser, 180 Jessie St., San Francisco. \$1475

DWELLING
(4641) N JAMESTOWN bet. Ingalls and Jennings. One-story and basement frame dwelling.

Owner—Gustave A. Cabrol, 336 Clementina St., San Francisco.
Architect—J. B. Heusel, 336 Clementina St., San Francisco.
Contractor—J. B. Heusel, 336 Clementina St., San Francisco. \$1800

DWELLING
(4642) E NINETEENTH AVE 25 N Kirkham. One-story and basement frame dwelling.
Owner—Mr. and Mrs. John A. Pereira, 1430 19th Ave., San Francisco.
Architect—None.
Contractor—John A. Pereira, 1430 19th Ave., San Francisco. \$4000

STATION
(4643) SW GEARY AND TWELFTH AVE. One-story steel service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Owner. \$1500

GARAGE
(4644) W FILLMORE 27 S Washington. Two-story and basement Class B public garage.
Owner—J. Sokolov, 3325 Washington St., San Francisco.
Engineer—S. Hodas. \$30,000

FLATS
(4645) W TWELFTH AVE 142-5, 167-5 and 192-5 N Kirkham. Three two-story and basement frame flats. (2 flats in each building).
Owner—Dahlberg & Peterson, 1560 10th Ave., San Francisco.
Architect—None. \$8000 each

FLATS
(4646) S FRANCISCO 113-9, 143-9 and 168-9 W Scott. Three two-story and basement frame flats (2 flats in each building).
Owner — Sharboro-Detjen-Jorgensen, 2300 Chastnut St., San Francisco.
Architect—None. \$8000 each

FLATS
(4647) S CHESTNUT 62 W Grant Ave. Two-story and basement frame (2) flats.
Owner—F. Maffei, 369 Chestnut St., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, San Francisco. \$8000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

APARTMENTS
(4614) NW EIGHTEENTH AND VAN
CITIES. Two-story and basement
frame (8) apartments.
Owner—Harry Davies, 254 San Carlo
Ave., San Francisco.
Architect—Walter J. Pichon, Hearst
Bldg., San Francisco.
Contractor—George H. Hansen, 310
Duth Ave., S. F. \$18,000

DWELLING
(4619) W ELEVENTH AVE. 100 N
Noriega. 1-story and basement
frame dwelling.
Owner—Frands Lauridsen, 1507 Steiner
St., S. F.
Architect—None \$1000

DWELLING
(4650) E TWENTY-EIGHTH AVE. 160
N Irving. 2-story and basement
frame dwelling.
Owner—Fernando Nelson & Sons, Inc.,
2 West Portal Park, S. F.
Architect—None. \$7000

ALTERATIONS
(4651) 446 SIXTH ST. Brick veneer
front, one-story addition, etc., for
mfg. plant.
Owner—H. J. Friedlander, % Contract-
or.
Architect—None.
Contractor—Samuel Schell, 180 Jessie
St., S. F. \$4000

STORES
(4652) NE FILLMORE AND FULTON
Sts. reinforced concrete stores.
Owner—H. De Macciotti, 228 Mont-
gomery St., S. F.
Architect—Willis Lowe, Monadnock
Bldg., S. F. \$10,000

IRON WORKS
(4653) SW MISSION & 17TH STS.,
1-story concrete iron works.
Owner—Folsom Street Iron Wks.,
17th and Folsom Sts., S. F.
Architect—John Carl Thayer, 251
Kearny St., S. F.
Contractor—Moller & De Luca, 185
Stevenson St., S. F. \$9995

STORE & FLAT
(4654) E Ocean Ave. 114 S Ashton Ave.
Two-story and basement frame
store and flat.
Owner—Mr. Joseph Lombardi.
Architect—Plans by owner.
Contractor—John R. Lindsay, 55 Al-
viso St., S. F. \$12,000

RESIDENCE
(4655) W SANTA PAULA 327 S YER-
ba Buena. Two-story and basement
frame residence.
Owner—D. H. Farnmore, c/o Architect.
Architect—H. H. Guttersen, 526 Pow-
ell St., S. F.
Contractor—Moore & Watson, 77
O' Farrell St., S. F. \$10,555

FACTORY
(4656) NE 10TH & SHERIDAN STS.
One-story and mezzanine floor fac-
tory (concrete).
Owner—C. A. Chaquette.
Engineer and contractor—J. H. Hjul,
128 Russ St., S. F. \$10,000

FLATS
(4657) SE RANDALL 98 E CHENERY.
Two-story and basement frame
building (flats).
Owner—Thomas & Katherine Walsh, 25
Cortland Ave., S. F.
Architect—None.
Contractor—Henry Erickson, 1825
Church St., S. F.
Filed Nov. 6, 1924. Dated Oct. 15, 1924.
Roof on \$1987.50
Brown coated 1987.50
Completed and accepted 1987.50
Usual 35 days 1987.50
TOTAL COST, \$7950

Bond, \$4000. Sureties, Frank Tate &
H. L. Rheinhart. Forfeit, none. Limit,
none. Plans and specifications filed.

RESIDENCE & GARAGE
(4658) NW LAKE & 24TH AVE. 40
on Lake and 100 on 24th Avenue.
Two-story and basement frame
residence and garage.
Owner—P. H. Turner, 1200 Battery St.,
San Francisco.
Architect—Lewis M. Gardner, 942
Pine St., S. F.
Contractor—Robert A. McLean, 761
17th Ave., S. F.

Filed Nov. 6, 1924. Dated Nov. 5, 1924.
Roof on \$1987.50
Brown coated 1987.50
Completed and accepted 1987.50
Usual 35 days 1987.50
TOTAL COST, \$7950

ALTERATIONS
(4659) NO. 2404 BROADWAY. General
repairs for interior and exter-
ior of residence.
Owner—Mrs. E. Bostford, Premises.
Architect—None.
Contractor—Jack Callaghan, 900 Clay-
ton St., S. F. \$3000

DWELLING
(4660) E DEHARO 425 S Twenty-
second. Two-story and basement
frame dwelling.
Owner—Fred Slepniokoff, 926 DeHaro
St., San Francisco.
Architect—None. \$3000

FLATS
(4661) E SCOTT 25.215 and 50.215 S
Alameda. Two two-story and
basement frame flats (2 flats in
each building).
Owner—Meyer Bros., 1 Montgomery St.,
San Francisco.
Architect—None. \$7000 each

FLATS
(4662) W THIRTY-FOURTH AVE. 100
N Fulton. Two-story and basement
frame (4) flats.
Owner—George W. Stevens, 405 27th
Ave., San Francisco.
Architect—None. \$7800

DWELLING
(4663) W TWENTY-THIRD AVE. 125
N Irving. One-story and basement
frame dwelling.
Owner—A. O. Eckman, 525 Irving St.,
San Francisco.
Plans by Owner. \$3000

DWELLING
(4664) N NAGLES 48.92 N Newton.
One-story and basement frame
dwelling.
Owner—G. John.
Architect—None.
Contractor—National Builders, 400
High St., Oakland. \$4750

DWELLING
(4665) N HANCOCK 125 W Church.
One-story and basement frame
dwelling.
Owner—Louis Charles Kan.
Architect—Has E. J. Rogers, Phelan
Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St.,
San Francisco. \$5000

DWELLING
(4666) E DRAKE 110 S Winding Way
One-story and basement frame
dwelling.
Owner—Crocker Estate Co., 525 Crock-
er Bldg., San Francisco.
Architect—None. \$4200

FLATS
(4667) N TWENTY-SEVENTH 80 W
Church. Two-story and basement
frame (2) flats.
Owner—W. F. McHugh, 1314 Valencia
St., San Francisco.
Architect—None. \$8000

FOUNDATION, ETC.
(4668) W EBARA CADERO 45.10 N
Howard. EBF foundation work and
excavating; pumping, etc., for one-
story Class C stores.
Owner—Pope & Talbot Land Co., %
Architect.
Architect—J. E. Krafft & Sons, Phelan
Bldg., Sann Francisco. \$12,000

FLATS
(4669) S CALIFORNIA 82-6 E 31st
Ave. Two-story and basement
frame (2) flats.
Owner—John D. Stewart, 502 8th Ave.,
San Francisco.
Architect—Dodge A. Riedy, Pacific
Bldg., San Francisco. \$8000

FLATS
(4670) N TWENTY-FOURTH 60 W Noe.
Two-story and basement frame
flats and garages.
Owner—Daniel and Julia Sullivan, 4000
24th St., S. F.
Architect—Arthur G. Scholz, Phelan
Bldg., S. F.

Contractor—B. Brander, 41 Coleridge
St., S. F.
Filed Nov. 7, 1924. Dated Oct. 1, 1924.
Roof on \$1987.50
Brown coated 1987.50
Completed and accepted 1987.50
Usual 35 days 1987.50
TOTAL COST, \$7950

Bungalow
(4671) W THIRTY-FOURTH AVE.
3000 S. Ave. 8 25 N W 120. All
work for 1-story frame bungalow.
Owner—Mrs. J. and Mrs. Alice V.
Mapple, 1745 Chestnut St., S. F.
Architect—None.
Contractor—O. Lindeman, 619 27th
Ave., S. F.

Filed Nov. 7, 1924. Dated Sept. 3, 1924.
Frame up and enclosed \$1437.50
Roof plastered 1437.50
Completed and accepted 1437.50
Usual 35 days 1437.50
TOTAL COST, \$5750

Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

DWELLING
(4672) NORTY-FIRST AVE. 225 N
Cabrillo N 25 X E 120. All work
for 1-story and basement frame
dwelling.
Owner—Jonathan Anderson, 423 16th
Ave., S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F.

Filed Nov. 7, 1924. Dated Oct. 16, 1924.
Side and roof sheathing on \$1039.55
Brown coated 1039.55
Completed 1039.55
Usual 35 days 1039.55
TOTAL COST, \$4158.20

Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications not filed

DWELLING
(4673) E FORTY-SIXTH AVE. 125 S
Cabrillo S 25 X E 120. All work
for 1-story frame dwelling.
Owner—Jonathan Anderson, 423 16th
Ave., S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F.

Filed Nov. 7, 1924. Dated Oct. 25, 1924.
Side and roof sheathing on \$1039.55
Brown coated 1039.55
Completed 1039.55
Usual 35 days 1039.55
TOTAL COST, \$4158.20

Bond, sureties, forfeit, none. Limit, 90
days. Plans and specifications filed.

ALTERATIONS
(4674) NO. 1945 TWENTIETH ST. Re-
model attic for apartments.
Owner—Pete Pedro, Premises.
Architect—None. \$1000

ALTERATIONS
(4675) NW FOURTH AND MARKET.
New store fronts; plastering, re-
pairs, etc.
Owner—The Feltman & Curme Shoe
Stores, Chicago, Ill.
Architect—None.
Contractor—Mullen Mfg. Co., 60 Rausch
St., San Francisco. \$5800

DWELLING
(4676) N TWENTY-FOURTH 50 E
Treat Ave. Two-story frame store
and dwelling.
Owner—Julien Cagala, 205 Chattanooga
St., San Francisco.
Architect—Gustave Stahlberg, 544 Mar-
ket St., San Francisco. \$5800

WAREHOUSE
(4677) N HARRISON AND SPEAR NE
275XNW 276. Receive, rivet, dis-
tribute structural steel for six-
story reinforced concrete ware-
house and office building.
Owner—Hills Bros., 175 Fremont St.,
San Francisco.
Architect—George W. Kelham, Sharon
Bldg., San Francisco.
Contractor—Western Iron Works, 141
Beale St., San Francisco.

Filed Nov. 24, Dated Nov. 7, '24.
On 0th of each month 75%
Usual 35 days 25%
TOTAL COST, \$2500

Bond, \$2125. Surety, Marx and Casu-
saint Co. Limit, 15 days after delivery.
Forfeit, none. Plans and specifications
filed.

FLAT **W. STEINER 110 S LOMBARD.**
Two-story and basement frame (4) flats.
Architect—None. \$6000

STORIES
4-STORY W. CLEMENT 100 N. Union.
One-story frame (2) stores.
Owner—Union Oil Co. of California, 287 Mills Bldg., San Francisco. \$2000

STATION
SE LA PLAYA AND LINCOLN Way. One-story steel service station.
Owner—Union Oil Co. of California, 287 Mills Bldg., San Francisco. \$2000

DWELLING
4222 E. TWENTY-FIRST AVE 250 S Judah. One-story and basement frame dwelling.
Owner—Berg & Smith, 1914-A Judah St., San Francisco. \$2000

DWELLINGS
4634 N ORTEGA 32-6, 57-6 and 82-6 E Twentieth Ave. Three one-story and basement frame dwellings.
Owner—W. O. Loftis, 2111 Baker St., San Francisco. \$2500 each

DWELLING
4690 E FAXON AVE 350 S Holloway. One-story and basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery St., San Francisco. \$3000

BAKE OVEN
4686 NO. 1548 OCEAN AVE. Constructed brick bake oven.
Owner—A. Jungkals. Architect—None. Contractor—Paul Metz, 855 44th St., Oakland. \$1375

DWELLINGS
4687 E TWENTY-FIRST AVE 150 and 175 N Kirkham. Two one-story and basement frame dwellings.
Owner—A. O. Field, 1465 20th Ave., San Francisco. \$3000 each

FLATS
4688 W STEINER 110 S LOMBARD. Two 2-story and basement frame (2) ft building.
Owner—W. W. Rednall, 2500 Filbert St., San Francisco. \$9500 each

FLATS
4689 S 17TH 104 E CHURCH. Two-story and basement frame (4) flats.
Owner—John J. Welsh, 3446A 16th St., San Francisco. \$12,000

INDUSTRIAL PLANT
4690 SE BRYANT & 2ND STREETS. 4-story and basement reinforced concrete industrial plant.
Owner—Schmidt Lithograph Co., Bryant and 2nd Sts., S. F. Architect and Consulting Engineers—Couchot & Rosenwald, 60 Sansome St., S. F. Contractor—Ralph McLeran & Co., Hearst Bldg., S. F. \$350,000

FLATS
4691 W CHILDS BLVD 120 N 14TH. Two-story and basement frame (4) flats.
Architect—None. \$3000

ADDITION
4692 SE GEARY & TAYLOR S 137-6 X E 137-6. Reinforced concrete work for 15-story addition to hotel building.
Owner—Chit Realty Co., premises. Architect—Simpson & Weaver, New York City.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed Nov. 10, 1924. Dated Nov. 6, 1924. Payments of 90% bet. 1st and 10th of each month.
Bonds 10 35 days after. TOTAL COST, \$93,200
Bond, \$600. Sureties, Fidelity & Deposit Co. of Maryland, Limit, Oct. 1, 1925. Plans and specifications filed.

BUILDING
4693 N HARRISON & SPEAR NE 275 X NW 275. Damp-proofing and membrane waterproofing work on 6-story reinforced concrete bldg.
Owner—Hills Bros., 175 Fremont St., San Francisco.
Architect—James W. Kellham, Sharon Bldg., S. F.
Contractor—J. W. Bender, Roofing and Paving Co., Monadnock Bldg., S. F.
Filed Nov. 10, 1924. Dated Nov. 10, 1924. Payments of 75% on 10th of each month.
25% 35 days after. TOTAL COST, \$4310
Bond, \$2155. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 15 days after notified to begin. Plans and specifications filed.

BUNGALOW
4694 FAXON AVE. 175 N LAKE-View 23 X E 112-6 Lot 13 Bk 20 Lakeview. One-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St., S. F. Architect—None. Contractor—James Arnott & Son, 233 Granville Way, S. F.
Filed Nov. 10, 1924. Dated Oct. 15, 1924. On list of each month 25% 30 days after brown coated 25% 30 days after completed and acc. 25% 35 days thereafter 25%
Bonds, none. Sureties, none. Forfeit, \$100. Limit, 90 days. Plans and specifications filed.

GARAGE BUILDING
4695 COM. 137-6 N FROM NW HOWARD & Main N 91-8 X W 137-6. General construction, plumbing and electric wiring 2-story class B garage building.
Owner—L. M. & H. E. & S. H. Cowell, 2 Market St., S. F.
Architect—Ward & Blohme, 454 California St., S. F.
Contractor—Cahill Bros., Inc., Sharon Bldg., S. F.
Filed Nov. 10, 1924. Dated Nov. 10, 1924. On list of each month 75% 36 days after 25%
Bonds, none. Sureties, none. Forfeit, \$20. Limit, April 17, 1925. Plans and specifications filed.

BUILDING
4696 NW 21ST & MISSION N 60 X W 90. Two-story frame bldg.
Owner—Ebbinghausen Estate, 261 Val St., S. F.
Architect—Carl Geiffuss, 1056 Fulton St., S. F.
Contractor—John Casty & Son, 180 Jessie St., S. F.
Filed Nov. 10, 1924. Dated Oct. 30, 1924. Enclosed and roofed and ready for plaster \$2016 Completed and accepted 2016 Usual 35 days 1345
Bonds, \$3000. Sureties, J. H. McCallum & Peter T. C. Wolff. Forfeit, \$25. Limit, 40 days. Plans and specifications filed.

FLATS
4697 W PIERCE 36.43 S Alhambra Blvd. Two-story and basement frame (2) flats.
Architect—None. \$25,000

FACTORY
4698 E HOWARD 200 S Fourteenth. Two-story frame factory.
Owner—John Foster, 1322 Howard St., San Francisco. \$6000

DWELLING
4699 W EIGHTH AVE 228 E Lawton. One-story nad basement frame dwelling.
Owner—W. A. Schaffauser, 62 Pierce St., San Francisco. \$2000

DWELLING
4700 E LYELL 72 S Bosworth. One-story and basement frame dwlg.
Owner—Louis Traves, 21 Lyell St., San Francisco. \$3000

FLATS
4701 W FOLSOM 75 S Bessie. Two-story and basement frame (2) flats.
Owner—E. Cancilla, Premises. Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$6000

DWELLING
4702 S CASSANDRA 78 W Whittier. One-story and basement frame dwelling.
Owner—W. R. McKnight, 34 Whittier St., San Francisco. \$3000

FLATS
4703 E THIRTY-THIRD AVE 200 S Balboa. Two-story and basement frame (2) flats.
Owner—William Costello, 758 29th Ave., San Francisco. \$5000

OFFICE
4704 SE GENEVA AVE. and So. Hill Blvd. 1-story frame sales office.
Owner—Crockett Estate Co., 525 Crockett Bldg., S. F. Architect—None. \$2500

DWELLING
4705 NE FAXON AND HOLLOWAY Aves. 1-story and basement frame dwelling.
Owner—Thomas J. Sullivan, 251 Jules Ave., S. F. Architect—None. \$3000

DWELLING
4706 W TWELFTH AVE. 275 N Ca-brillo. 2-story and basement frame dwelling.
Owner—A. T. Morris, 687 11th Ave., San Francisco. \$6000

DWELLING
4707 N FILBERT 247 E Laguna. 1-story and basement frame dwelling.
Owner—Mary and J. J. Mullaly, 2861 Octavia St., S. F. Architect—None. \$3800

DWELLING
4708 E FAXON AVE. 25 N Holloway. 1-story and basement frame dwelling.
Owner—Thomas J. Sullivan, 254 Jules Ave., S. F. Architect—None. \$3000

DWELLING
4709 N LOROS 366 E PLYMOUTH. 1-story and basement frame dwlg.
Owner—J. Ginsburg, 3458 Mission St., San Francisco. \$1400

APARTMENTS
4710 NW LAKE AND SECOND AVE. 3-story and basement frame (15) apartments.
Owner—Egg & Son, 4747 Geary St. S. F. Architect—Baumann & Jose, 261 Kearny St., S. F. \$25,000

INCINERATOR

(4711) 1618 MISSION ST. Construct shaving incinerator. (Steel shell and brick lined).
Owner—Portland Planing Mill, 1618 Mission St., S. F.
Architect and Contractor—Rees Blow Pipe Mfg. Co., 340 7th St., S. F.
\$2000

DWELLINGS

(4712) S PARK 33-2 W Holly Park Circle. 1-story and basement frame dwelling.
Owner—Frank Susian.
Architect—None.
\$2000

DWELLINGS

(4713) W PIERCE 180, 205, 230 AND 255 N Chestnut. Four 1-story and basement frame dwellings.
Owner—Mayer Bros., 1 Montgomery St., San Francisco.
Plans by Owner. Each, \$4000

DWELLINGS

(4714) E FORTY-THIRD AVE., 25 & 50 S Clement. Two 1-story and basement frame dwellings.
Owner—D. Tiscornia, 188 Bertita St., San Francisco.
Architect—None. Each \$2000

ADDITION

(4715) 1830 PAGE STREET. Two-room apartment addition for tenements.
Owner—Thomas Curran, 1830 Page St., San Francisco.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco.
\$2000

ALTERATIONS

(4716) 1088 MARKET ST. Alterations for candy store.
Owner—John Lazarakes, 145 Bartlett St., S. F.
Architect—None.
Contractor—Mullen Manufacturing Co., 64 Rausch St., S. F.
\$2000

ADDITION

(4717) 254 SECOND AVE. One room and sun porch addition to dwlg.
Owner—Mrs. Ada Brauch, premises.
Architect—None. \$1000

ALTERATIONS

(4718) NE GUERRERO AND DUOCE AVE. Remodel for 6 apartments, (interior and exterior changes).
Owner—S. T. Wells, premises.
Architect—W. H. Armitage, 72 New Montgomery St., S. F.
\$2000

ALTERATIONS

(4719) 1914 MCALLISTER ST. Enlarge market quarters and construct one room addition.
Owner—J. Dal Pagetto, premises.
Architect—None.
Contractor—S. A. Guisti & Co., 200 Green St., S. F.
\$6000

ALTERATIONS

(4720) NE GUERRERO AVE. and 15TH ST. New store front; rearrange interior partitions; wiring, plumbing, painting, etc.
Owner—C. Sander, 715 Hampshire St., San Francisco.
Architect—None.
Contractor—F. & J. Nielsen Bros., 2311 Bryant St., S. F.
\$1800

ALTERATIONS

(4721) 461 GEARY STREET. Underpin west wall of 6-story concrete bldg., with 26-in. brick to depth of 10 ft. below present wall.
Owner—Dr. Chas. Mayland, architect.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Pennell & Chisholm Co., 180 Jessie St., S. F.
\$1900

ALTERATIONS

(4722) W POLK 33 N CHESTNUT. Raise residence; new underpinning, tar and gravel roofing, stucco front.
Owner—San Francisco, Polk and Chestnut Sts., S. F.
Architect—None. \$2000

ALTERATIONS

(4723) 1274-76 NINTH AVE. Raise Bats and add one story for store.
Owner—J. E. Theriot, 1234 9th Ave., San Francisco.
Architect—None.
Contractor—Arthur N. Ellison, 1327 9th Ave., S. F.
\$1000

BAKE OVEN

(4724) 2984 SACRAMENTO ST. Construct brick bake oven.
Owner—Old Home Pastry Co., (Theodoropoulos Bros.) 5383 Sacramento St., San Francisco.
Architect—None.
Contractor—J. P. Chaser, 180 Jessie St., San Francisco.
\$1475

ALTERATIONS

(4725) 33 THIRD ST. Remodel store for restaurant booths; new store front, etc.
Owner—Press Grill, 30 Third St., S. F.
Architect—None.
Contractor—Mullen Manufacturing Co., 64 Rausch St., S. F.
\$2000

ALTERATIONS

(4726) NE GEARY AND 15TH AVE. Remove 3 room apartment in lobby and remodel for stores construct fireproof boiler room; install steam heating plant, etc.
Owner—John W. Alderson, 410 15th Ave., S. F.
Architect—None. \$4000

APARTMENTS (3)

(4727) N FRANCISCO 125, 150 & 175 E Octavia. Three 2-story and basement frame apartments (4 apts. in each building).
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. \$9500 each

DWELLINGS (4)

(4728) W PIERCE 75, 100, 125 & 150 N Capra Way. Four 1-story and basement frame dwellings.
Owner—R. G. Hall, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., S. F.
\$9000 each

FLATS (4)

(4729) E 33RD AVE. 325, 350, 375 & 400 N Fulton. Four 2-story and basement frame flats (2 flats in each building).
Owner—Oscar Heyman & Brother, 742 Market St., S. F.
Architect—Alvin J. Stern, 742 Market St., S. F.
\$9000 each

RESIDENCE

(4730) NW LAKE & 19TH AVENUE. Two-story and basement frame residence.
Owner—George Anderson, 1933 Lake St., S. F.
Architect—F. R. Collins, 1632 Hyde St., San Francisco.
Contractor—A. M. Wallen, 1253 Waller St., S. F.
\$12,000

FLATS

(4731) E BAKER 112-6 N GREEN. Two-story and basement frame (2) flats.
Owner—Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., S. F.
\$12,000

DWELLINGS

(4732) S SANTA ROSA, 100, 125, 150, 175 & 200 W Cayuga. Five 1-st. and basement frame dwellings.
Owner—L. Depauli, 3289 Mission St., San Francisco.
Architect—None.
Contractor—New Era Bldg. Co., 3289 Mission St., S. F.
\$3000 each

APARTMENTS

(4733) N FRANCISCO 50 N FILBERT. Two-story and basement frame (4) apartments.
Owner—M. Martinelli, 2101B Webster St., S. F.
Architect—David Coleman, Franch Bk. Bldg., S. F.
Contractor—J. J. Coyle, 2101B Webster St., S. F.
\$8000

FLATS

(4734) W 20TH AVE. 225 S IRVING. Two-story and basement frame (2) flats.
Owner—Chas. Robinson, 228 Montgomery St., S. F.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., S. F.
\$8000

DWARLING

(4735) LOT 4 BLK. 10 ST. FRANCIS Wood. Two-story and basement frame dwelling.
Owner—Joseph A. Hatter, 10 3rd St., San Francisco.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Contractor—Henry F. Papenhausen, 532 3rd Ave., S. F.
Filed Nov. 12, 1924. Dated Nov. 10, 1924.
Frame up \$2664.25
Brown coated 2664.25
Completed and accepted 2664.25
Usual 35 days 2664.25
TOTAL COST, \$10,657

Bond, \$328.50. Sureties, L. H. Birth & W. J. Mahoney, Forfeit, \$5. Limit, 10 days. Plans and specifications filed.

STORE

(4736) NE FULTON & FILLMORE. One-story store building.
Owner—H. Montecio, 228 Montgomery St., S. F.
Architect—Willis C. Lowe, Monadnock Bldg., S. F.
Contractor—C. F. Parker, 251 Kearny St., S. F.
Filed Nov. 12, 1924. Dated Nov. 7, 1924.
Roof on \$2843.25
Brown coated 2843.25
Completed and accepted 2843.25
Usual 35 days 2843.25
TOTAL COST, \$11,373
Bond, \$11,373. Sureties, Fidelity & Deposit Co. of Md. Forfeit, none. Limit, 75 days after Nov. 12, 1924. Plans and specifications filed.

FLAT BUILDING

(4737) E 23RD AVE. N GEARY N 25 x E 120. Two-story frame flat building.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., S. F.
Filed Nov. 12, 1924. Dated Oct. 18, 1924.
Enclosed \$3000
Roughed plastered 3000
Completed and accepted 3000
Usual 35 days 3000
TOTAL COST, \$12,000
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days. Plans and specifications filed.

APARTMENT

(4738) N VALLEJO 100 E LAGUNA E 50 x N 137-6. Brick work, patent chimneys, art tile, incinerator, east stone work, hollow tile partitions for 10-story and basement reinforced concrete apartment house.
Owner—Nineteen Sixty Vallejo Street, Inc.
Architect—Carl Werner, Santa Fe Bldg., San Francisco.
Contractor—H. E. Drake, 180 Jessie St., San Francisco.
Filed Nov. 12, 1924. Dated Oct. 6, 1924.
Payments of 75% on 1st of each month.
25% 35 days after.
TOTAL COST, \$17,900
Bond, \$3900. Sureties, Hartford Accident & Indemnity Co. Forfeit, none. Limit, without delay. Plans and specifications filed.

(4739) ELECTRIC WORK ON ABOVE. Contractor, Decker Electric Construction Co., 149 Montgomery St., S. F.
Filed Nov. 12, 1924. Dated Oct. 6, 1924.
Payments—Same as above.

Bond, \$2999. Sureties, Hartford Accident & Indemnity Co. Forfeit, none. Limit, without delay. Plans and specifications filed.

(4740) INTERIOR AND EXTERIOR plastering on above.
Contractor—Peter Bradley, 180 Jessie St., S. F.
Filed Nov. 12, 1924. Dated Oct. 6, 1924.
Payments—Same as above.

TOTAL COST, \$10,038
Bond, \$5019. Sureties, Hartford Accident & Indemnity Co. Forfeit, none. Limit, without delay. Plans and specifications filed.

(4741) METAL FURRING & LATHING, etc., on above.
Contractor—C. H. Edwards, 180 Jessie St., S. F.

DWELLINGS
(5862) UNION ST. & PACIFIC AVE.
Lafayette St. & Lincoln Ave., Ala-
meda. Two 1-story 4-room dwlgs.
Owner—H. G. Mehrtens, 1536 Webster
St., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thomp-
son Ave., Alameda. \$2800 each.

DWELLING

(5863) 1 LAFAYETTE & Lincoln Ave., Alameda. 1-story 5-room dwelling. Owner—H. A. McWhiters, 1536 Webster St., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thompson Ave., Alameda. \$2500

DWELLING

(5861) 361 43RD ST. OAKLAND. One-story 4-room dwelling.
Owner—John Cosetto, 863 43rd Street, Oakland.
Architect—None.
Contractor—Wm. C. Helms, 5216 Grove St., Oakland. \$2800

DWELLING

(5865) E 8TH AVE. 116 N OLIVE ST. Oakland. One-story 4-room dwlg.
Owner—Wm. Desmond, 2033 8th Ave., Oakland.
Architect—None.
Contractor—J. D. King & Son, 1974 85th Ave., Oakland. \$2000

DWELLING

(5866) 2315 66TH AVENUE, OAKLAND. One-story 4-room dwlg.
Owner—Paul Louis Kick, 2325 Humboldt Ave., Oakland.
Architect—None. \$2500

FLATS & GARAGE

(5867) S 41ST ST. 240 E GROVE ST. Oakland. Two-story 10-room flats and garage.
Owner—H. J. Tewardt, 845 52nd St., Oakland.
Architect—None.
Contractor—Geo. Smith, 746 Alcatraz Ave., Oakland. \$7250

DWELLING

(5868) N 38TH ST. 29 W OPAL ST. Oakland. One-story 5-room dwlg.
Owner—A. P. Brady & W. P. O'Farrell, 401 Tappett Bldg., Oakland.
Architect—None. \$4000

ELECTRIC SIGN

(5869) 83TH AVE. & 14TH STREET, Oakland. Electric sign.
Owner—Toffelmeyer Bros.
Architect—None.
Contractor—Burmfield Elec. Co., 802 E-12th St., Oakland. \$1400

ALTERATIONS

(5870) 1111 WASHINGTON STREET, Oakland. Alterations.
Owner—Blake Building.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. \$3000

DWLG. STORE & GARAGE

(5871) 2465 BARTLETT ST. OAKLAND. One-story 4-room dwelling and store and garage.
Owner—E. C. Jones, 5941 Grove Street, Oakland.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. \$4200

DWELLING & GARAGE

(5872) W 108TH AVE. 400 S MYERS ST. Oakland. One-story 3-room dwelling and garage.
Owner—P. Mahring, 1805 94th Avenue, Oakland.
Architect—None.
Contractor—G. Rode, 1133 61st Ave., Oakland. \$2600

DWELLINGS (5) & GARAGES

(5873) 6651 - 6657 BRANN STREET, Oakland. Two 1-story 5-room dwellings and garages.
Owner—J. C. Barrett, 502 Humboldt Bldg., S. F.
Architect—None. \$3150 each

ALTERATIONS & REPAIRS

(5874) 40 ROSS CIRCLE, OAKLAND. Alterations and repairs.
Owner—Dr. Thomas Clark.
Architect—None.
Contractor—E. L. Ingram, 623 63rd St., Oakland. \$1000

ALTERATIONS

(5875) SE COR. 23RD & WEBSTER STs., Oakland. Alterations.
Owner—Ida H. Gorrill, 3615 Piedmont Ave., Oakland.
Architect—None.
Contractor—Davis & Sprinklin, 256 Bacon Bldg., Oakland. \$4000

DWELLING

(5876) S VIRGINIA AVE. 100 W MONTICELLO AVE. Oakland. One-story 5-room dwelling.
Owner—R. W. Murphy, Maxwell Hdwe. Co., Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello Ave., Oakland. \$3350

DWELLING

(5877) N LARKSPUR RD. 375 W Hillcroft Circle, Oakland. Two-story 6-room dwelling.
Owner—L. B. Wheat, 537 East 21st St., Oakland.
Architect—None.
Contractor—Baker Bros., 2731 12th Av., Oakland. \$6700

DWELLING

(5878) S BROOKWOOD RD. 200 E Strafford Rd., Oakland. One-story 5-room dwelling.
Owner—Emil Hesson, 3608 Kingsley Ave., Oakland.
Architect—None. \$4800

APARTMENTS

(5879) SE 33RD ST. 92 W ELLIOTT ST. Oakland. Three-story 20-rm. apartments.
Owner—Harry C. Knight, 1426 Franklin St., Oakland.
Architect—None. \$23,000

DWELLINGS (5)

(5880) W MONTICELLO AVE. 80, 120, 160, 200 & 240 Virginia Ave., Oakland. Five 1-story 6-room dwlgs.
Owner—R. W. Murphy, Maxwell Hdwe. Co., 1320 W. Washington, Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello Ave., Oakland. \$3600 each

BUILDING

(5881) COR. GREEN & 61ST STREET, Emeryville. General construction on shop and laboratory building.
Owner—Associated Supply Co., 74 New Montgomery St., S. F.
Architect—None.
Contractor—Villadsen Bros., Monadnock Bldg., S. F.
Filed Nov. 7, 1924. Dated Nov. 6, 1924. 10th of each month 75% of labor and materials incorporated.
Balance 35 days after acceptance.
TOTAL COST, \$14,650

Bond, none. Sureties, U. S. Fidelity & Guaranty Co., Forfeit, none. Limit, none. Plans and specifications filed.

DWELLING

(5882) NO. 854 ENSENADA ST., Berkeley. Dwelling.
Owner—R. F. H., 1728 Channing Way, Berkeley.
Architect—None.
Contractor—Felt Bros., 1728 Channing Way, Berkeley. \$2850

DWELLING

(5883) NO. 1420 SIXTY-SIXTH ST., Berkeley. Dwelling.
Owner—Chas. Icardi, 46th St., Oakland
Architect—None. \$3250

DWELLING

(5884) NO. 404 BOYNTON ST., Berkeley. Dwelling.
Owner—T. Hardman, 914 Inyo St., Berkeley.
Architect—Owner. \$5500

SHOP

(5885) NO. 1314 ROSE ST., Berkeley. Shop.
Owner—Independent Mill & Lumber Co., Rose and West Sts., Berkeley.
Architect—None.
Contractor—Henry Schuler. \$1000

DWELLING

(5886) NO. 30 TANGLEWOOD ROAD, Berkeley. Dwelling.
Owner—John Calkins, 2731 Claremont Bldg., Berkeley.
Architect—Ernest Exhead, Hearst Bldg., San Francisco.
Contractor—J. B. Malmstrom, 2326 27th Ave., Oakland. \$14,500

SHOP

(5887) W MARKET 100 N Twenty-second St., Oakland. One-story brick shop.
Owner—James Bell, 2246 San Pablo Ave., Oakland.
Architect—None.
Contractor—Andersen & Harwood, 1927 Napa St., Berkeley. \$8600

DWELLING

(5888) S REDDING 150 E Thirty-eighth Ave., Oakland. One-story 3 room dwelling.
Owner—Chas. W. Bailey, 3916 Redding St., Oakland.
Architect—None. \$1800

DWELLING

(5889) NO. 2727 BONA ST., Oakland. One-story 5-room dwelling and garage.
Owner—John Johnson, 2330 Humboldt Ave., Oakland.
Architect—None. \$4250

DWELLING

(5890) N DOWNEY PLACE 100 E Indiana Road, Oakland. One and one-half-story 6-room dwelling.
Owner—Russell Eymann, 458 60th St., Oakland.
Architect—None.
Contractor—Lloyd J. Moore, 487 Rich St., Oakland. \$6000

DWELLING

(5891) NO. 1330 FIFTY-EIGHTH AVE. Oakland. One-story 4-room dwlg.
Owner—Cotton Bros., 3909 Hopkins St., Oakland.
Architect—None. \$3000

DWELLING

(5892) E SEVENTY-SECOND AVE 166 N Hamilton St., Oakland. One-story 4-room dwelling and garage.
Owner—Fred Buzzill, 8240 E-14th St., Oakland.
Architect—None. \$3350

DWELLING

(5893) NO. 2456 PERALTA AVE., Oakland. One-story 6-room dwelling.
Owner—C. L. Chappell, 3258 Logan St., Oakland.
Architect—None.
Contractor—A. E. Correia, 3121 E-27th St., Oakland. \$1500

STORES

(5894) S POOTHILL BLVD. 50 W 33rd Ave., Oakland. One-story stores.
Owner—P. C. Frederickson, 2400 Fruitvale Ave., Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. \$3000

DWELLING

(5895) W CHURCH 150 N Arthur St., Oakland. One-story 4-room dwlg.
Owner—G. Swartz.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada St., Oakland. \$3000

STORES

(5896) NO. 3422 E-FOURTEENTH ST. Oakland. One-story brick stores.
Owner—F. La Violette, 451 Estudillo Ave., San Leandro.
Architect—None.
Contractor—Geo. Smith, 1914 35th Ave., Oakland. \$5900

STORES

(5897) SE GRAND AVE AND BOULEVARD Way, Oakland. One-story concrete stores.
Owner—F. E. Romie, 2655 Dwight Way.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—L. R. Wilson, 3051 Benvenue Ave., Berkeley. \$12,000

DWELLING

(5898) W PORTAL AVE 350 N Ashmount Ave., Oakland. Two-story 3-room dwelling.
Owner—Alfred Cords, 2270 Telegraph Ave., Oakland.
Architect—None. \$7000

DWELLING

(5899) 1430 SIXTY-SIXTH ST., Berkeley. Dwelling.
Owner—G. Massaro, 46th St., Oakland.
Architect—None.
Contractor—G. Caretto, 2221 8th St., Berkeley. \$3250

DWELLING

(5900) 1516 BELVEDERE, Berkeley. Dwelling.
Owner—F. Jewett, Shattuck Ave., Berkeley.
Architect—None.
Contractor—Geo. Price, 2113 Derby St., Berkeley. \$2400

BAKERY
(5904) CORNER BONAR & ALLSTON
Sts., Berkeley, Bakery.
Owner—R. E. Ward & Co., Inc., Los
Angeles.
Architect—John Cooper, 301 Marsh-
Strong Bldg., L. A. \$10,000

DWELLING
(5902) 2145 GRANT ST., Berkeley.
Dwelling.
Owner—Thowald P. dersen, 2611 Fulton
Berkeley.
Architect—None. \$3500

ALTERATIONS
(5903) 2155 ETNA ST., Berkeley. Al-
terations.
Owner—M. Howard, 16 Highland Ave.,
Piedmont.
Architect—None.
Contractor—J. Maginnin, 603 36th Ave.
Berkeley. \$1350

RESIDENCE
(5904) 520 MAGNOLIA AVE., Pied-
mont. Residence and garage.
Owner—Edw. Larmer, 90 Fairview Ave.
Piedmont.
Architect—None. \$7000

RESIDENCE
(5905) 6 SOTELO AVE., Piedmont.
Residence.
Owner—Dr. Robert Dunn, 6 Sotelo Ave.
Piedmont.
Architect—Williams & Westell, Ameri-
can Bank Bldg., S. F. \$25,000

DWELLING
(5906) 2750 SEVENTY-SIXTH AVE.,
Oakland. 1-story 5-room dwelling.
Owner—G. A. Locke, 2750 76th Ave.,
Oakland.
Architect—None. \$2500

DWELLING
(5907) W SEMINARY AVE. 160 S
East Lawn Ave., Oakland. 1-story
4-room dwelling.
Owner—G. VanCleve, 1810 89th Ave.,
Oakland.
Architect—None. \$2300

ADDITION
(5908) 2133 E-TWENTY-FOURTH ST.,
Oakland. Addition.
Owner—Mrs. E. Fleming, 2133 E-24th
St., Oakland.
Architect—None. \$1400

DWELLING
(5909) E-105TH AVE., 55 S Bigger-
dick St., Oakland. 1-story 4-room
dwelling.
Owner—E. B. and A. L. Stone, 804
Claus Spreckels Bldg., S. F.
Architect—None. \$3650

DWELLING
(5910) S CHABOT RD., 700 E Golden
Gate, Oakland. 1-story 5-room
dwelling.
Owner—W. Edmonds, Oakland.
Architect—None.
Contractor—E. F. Henderson, 2737
Forest Ave., Berkeley. \$3750

DWELLINGS
(5911) W THIRTY-SEVENTH AVE.
150 and 175 S Boehmer St., Oak-
land. Two 1-story 3-room dwlg.
Owner—Don M. Leidig, 3751 Broadway,
Oakland.
Architect—None. Each, \$1500

DWELLING
(5912) 3162 BIRDSALL AVE., Oak-
land. 1-story 5-room dwelling.
Owner—Jennie Matheyer, 1369 Hopkins
St., Oakland.
Architect—None.
Contractor—L. B. Matheyer Co., 1369
Hopkins St., Oakland. \$3000

DWELLING
(5913) E ELM ST. 140 HAWTHORNE
Ave., Oakland. One-story 3-room
2-family dwelling.
Owner—Peter Petersen, 1138 Bay St.,
Alameda.
Architect—None.
Contractor—W. P. Dons, 3125 Webster
St., Oakland. \$5000

DWELLING & GARAGE
(5914) N VAN BUREN AVE., 125 E
Perkins St., Oakland. One-story
7-room dwelling and garage.
Owner—Goldberg, 235 10th Street,
Oakland.
Architect—None.
Contractor—O. C. Edberg, 687 Apgar
St., Oakland. \$5500

DWELLING
(5915) W BARTLETT ST. 125 N DAV-
is St., Oakland. One-story 5-rm.
dwelling.
Owner—T. M. Cantelo, 3300 Wisconsin
St., Oakland.
Architect—None.
Contractor—A. Anderson, 3212 Florida
St., Oakland. \$2650

COMFORT STATION
(5916) SW COR. 36TH ST. & SAN
Pablo Ave., Oakland. One-story
comfort station.
Owner—R. F. Warham, 36th and San
Pablo Ave., Oakland.
Architect—None.
Contractor—Oliver Legault, 96 Montel
St., Oakland. \$4000

DWELLING & GARAGE
(5917) NE COR. LYNDE & BELLAIRE
Place, Oakland. One-story 5-rm.
garage.
Owner—E. C. Phelan.
Architect—None.
Contractor—W. C. Constable, 2768 Bel-
laire Place, Oakland. \$4500

DWELLING
(5918) 2530 HIGHLAND AVE., OAK-
land. One-story 4-room dwlg.
Owner—F. F. Bacon, 414 15th Street,
Oakland.
Architect—None.
Contractor—L. M. Sims, 414 15th St.,
Oakland. \$2000

FIRE HOUSE
(5919) LOT 3, BLK. 1, NORTH CRAG-
mont, Berkeley. General construc-
tion, frame and plaster walls, fire
house.
Owner—City of Berkeley, Berkeley.
Architect—James A. Plachek, 2014
Shattuck Ave., Berkeley.
Contractor—Heath & Wendt, 1150 The
Alameda, Berkeley.
Filed Nov. 10, 1924. Dated Nov. 6, 1924.
Every 30 days 75% of labor and ma-
terials incorporated.
Remaining 25% 35 days after accept-
ance.
TOTAL COST \$11,091
Two bonds, \$5550, and \$2775. Sureties,
National Surety Co. Forfeit, none.
Limit, 80 working days from date.
Plans and specifications filed.
(5920) 806 AND 810 JONES ST., Berke-
ley. Two dwellings.
Owner—J. Davidson, 643 Hillgirt Cir-
cle, Oakland.
Architect—A. Parker, 336 E-16th St.,
Oakland.
Contractor—A. Parker, 336 E-16th St.,
Oakland. Each \$2000

DWELLINGS
(5921) 3035 AND 3039 STANTON,
Berkeley. Two dwellings.
Owner—S. Wasner, 850 Cleveland Ave.,
Oakland.
Architect—None. Each \$2000

DWELLINGS
(5922) 832 AND 836 MIRAMAR,
Berkeley. Two dwellings.
Owner—W. Coughlan, 1410 Francisco
St., Berkeley.
Architect—Dixon & Hillen, 1844 5th
Ave., Oakland. Each \$3500

DWELLING
(5923) 2339 JEFFERSON ST., Berke-
ley. Dwelling.
Owner—F. A. Post, 1633 Dwight Way,
Berkeley.
Architect—None.
Contractor—A. Rae, 647 Lewis Ave.,
San Leandro. \$2000

DWELLING
(5924) 2237 SPAULDING, Berkeley.
Dwelling.
Owner—J. Latour, 2074 Allston Way,
Berkeley.
Architect—W. A. Doctor, Oakland.
Contractor—D. Raby & Son, 2428 Jef-
ferson St., Berkeley. \$3000

DWELLING
(5925) 1223 MASONIC, Berkeley.
Dwelling.
Owner—L. A. Peters, 5313 Manila Ave.,
Oakland.
Plans by owner. \$2300

DWELLING
(5926) 1532 HAWTHORNE TERRACE,
Berkeley. Dwelling.
Owner—Prof. Hill, 2524 Benvenue,
Berkeley.
Architect—Doctor & Hodson, 505 Bank
of Italy Bldg., Oakland. \$12,000

DWELLING
(5927) 501 BOYNTON, Berkeley. Dwlg.
Owner—C. Sampson, 1527 Sacramento
St., Berkeley.
Plans by Owner.
Contractor—C. Sampson, 1527 Sacra-
mento St., Berkeley. \$4500

ADDITION
(5928) 2631 COLLEGE AVE., Berke-
ley. Addition.
Owner—Mrs. Yager, 2631 College Ave.,
Berkeley.
Architect—None.
Contractor—Ben Pearson, 2403 Grant
St., Berkeley. \$1800

DWELLING
(5929) 5260 LAWTON AVE., OAK-
land. One-story 4-room dwlg.
Owner—A. Grippi, 5260 Lawton Ave.,
Oakland.
Architect—None.
Contractor—E. Campomenosi, 5238
Lawton Ave., Oakland. \$3400

DWELLING & GARAGE
(5930) 1507 80TH AVE., OAKLAND.
One-story 5-room dwelling and
garage.
Owner—A. C. Thorpe, 1425 98th Ave.,
Oakland.
Architect—None. \$3075

DWELLING
(5931) 2127 65TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Fred Krohn, 1460 52nd Ave.,
Oakland.
Architect—None. \$3300

ALTERATIONS
(5932) NE COR. 15TH & FRANKLIN
Sts., Oakland. Alterations.
Owner—Ackerman & Harris, San Fran-
cisco.
Architect—Henry H. Meyers, Kohl
Bldg., S. F.
Contractor—Chas. W. Heyer, Jr., Mills
Bldg., S. F. \$7000

DWELLING
(5933) 1409 SAN SEBASTIAN AVE.,
Oakland. One-story 4-room dwlg.
Owner—Anna Bradley, 1403 Fruitvale
Ave., Oakland.
Architect—None.
Contractor—T. M. Tupper, 2310 Rus-
sell St., Berkeley. \$3500

DWELLING
(5934) 2757 EAST 21ST ST., OAK-
land. One-story 6-room 2-family
dwelling.
Owner—E. H. Moore, 319 21st Street,
Oakland.
Architect—L. F. Hyde, 372 Hanover Ave.,
Oakland. \$5000

DWELLING & GARAGE
(5935) 2327 66TH AVE., OAKLAND.
One-story 5-room dwelling and
garage.
Owner—Wm. Wolfe, 128 13th Street,
Oakland.
Architect—None. \$3150

DWELLING
(5936) E SHAFTER AVE. 50 S 42ND
St., Oakland. One-story 8-room
2-family dwelling.
Owner—M. S. Bonds, 404 41st Street,
Oakland.
Architect—L. F. Hyde, 273 Hanover
Ave., Oakland. \$6000

DWELLING
(5937) W FILBERT ST. 150 N 16TH
St., Oakland. Two-story 6-room
dwelling.
Owner—Mrs. Geo. W. Frisbie, 864 16th
St., Oakland.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale
Ave., Oakland. \$5000

DWELLING
(5938) N FOOTHILL BLVD. 200 W
98th Ave., Oakland. One-story 4-
room dwelling.
Owner—H. Snowden, 452 21st Street,
Richmond.
Architect—None.
Contractor—Snowden & Billington, 452
21st St., Richmond. \$2500

DWELLING
(5939) E HERMOSA AVE., 1600 S
Broadway Terrace, Oakland. One-
story 5-room dwelling.
Owner—Mrs. Mabel H. Crane.
Architect—None.
Contractor—F. L. Crane, 1231 Glen St.,
Berkeley. \$3500

DWELLINGS (2)
(5940) W CHURCH ST. 270 N AVEN-
ue, Oakland. 5 Michigan St.
200 W 81st Ave., Oakland. Two
1-story 4-room dwellings.
Owner—J. F. Patterson, 2001 68th Av.
Oakland.
Architect—None. \$2000 ea.

DWELLINGS & GARAGES (2)
(5941) W CHURCH ST. 415 N AVEN-
ue, Oakland. E 83th Ave., N
Arthur St., Oakland. Two 1-story
5-room dwellings and garages.
Owner—J. F. Patterson, 2001 68th Av.
Oakland.
Architect—None. \$3200 ea.

ALTERATIONS
(5942) 481-86 13TH ST., OAKLAND.
Alterations.
Owner—Boardman Estate, 679 Mills
Bldg., S. F.
Architect—None.
Contractor—J. C. Ballard, 2628 13th Av.
Oakland. \$1000

ALTERATIONS
(5943) 134-36 FRANKLIN ST., OAK-
LAND. Alterations.
Owner—Hahn & Company, 134 Frank-
lin St., Oakland.
Architect—None.
Contractor—Van Fleet-Freer Co., 557
Howard St., S. F. \$3300

ALTERATIONS & ADDITION
(5944) 445 ATHOL AVE., OAKLAND.
Alterations and addition.
Owner—Chas. St. Clair, 1061 Harvard
Road, Oakland.
Architect—None. \$6000

DWELLING
(5945) W 60TH AVE. 210 S EAST
Lawn Ave., Oakland. One-story
4-room dwelling.
Owner—E. O. Griffith, 1258 60th Ave.,
Oakland.
Architect—None. \$2000

CHURCH
(5946) E IDAHO ST., 70 S 61ST ST.,
Oakland. One-story 4-room church
Owner—Golden Gate M. E. Church, 61st
and Idaho Sts., Oakland.
Architect—Wm. E. Elaine & Olsen, 1800
Telegraph Ave., Oakland.
Contractor—Thos. C. Cuthbertson, 1766
12th Ave., S. F. \$3239

DWELLINGS (2)
(5947) 1964 & 1968 89TH AVENUE,
Oakland. Two 1-story 4-room
dwellings.
Owner—E. Smith & C. E. Hughes,
4428 East 14th St., Oakland.
Architect—None. \$2500 ea.

DWELLING & GARAGE
(5948) 1356 HOPKINS STREET OAK-
land. One-story 5-room dwelling
and garage.
Owner—A. Fiege, 1352 Hopkins Street,
Oakland.
Architect—None.
Contractor—L. W. Roth, 1340 38th St.,
Oakland. \$4200

DWELLING
(5949) 5816 MENDOCINO AVE., OAK-
land. 1½-story 6-room dwelling.
Owner—C. J. Pfirang, 430 Forest St.,
Oakland.
Architect—None. \$6000

DWELLING
(5950) E 34TH AVE., 78 N HENRIET-
ta St., Oakland. One-story 6-rm.
dwelling.
Owner—J. T. Mitchen, 2653 34th Ave.,
Oakland.
Architect—None. \$4000

DWELLING
(5951) MUNICIPAL GOLF GROUNDS,
Oakland. One-story 4-room dwlg.
Owner—Recreation Dept., City of Oak-
land, Oakland, Cal.
Architect—None.
Contractor—John H. Zook, 4105 Mont-
gomery St., Oakland. \$1758

DWELLING
(5952) N ASTERSON ST., 80 E 38TH
Ave., Oakland. One-story 4-room
dwelling.
Owner—A. Pacheco, 3239 East 14th
St., Oakland.
Architect—None.
Contractor—Andrews & Hagen, 3878
Maybelle Ave., Oakland. \$1700

DWELLING & GARAGE
(5953) 3233 ARKANSAS ST., OAK-
land. One-story 4-room dwelling
and garage.
Owner—W. H. Matteson, 3328 Maple Av.
Oakland.
Architect—None. \$2950

BUILDING
(5954) LOTS 20 & 21 BLK. 302, CITY
of Oakland. General construction
on 1-story brick building.
Owner—Anna H. May, 1225 7th Street,
Oakland.
Architect—None.
Contractor—J. J. Power, 633 40th St.,
Oakland.
Filed Nov. 12, 1924. Dated Oct. 14, 1924.
Brick work completed \$2000
When frame is up 1750
Usual 35 days 1750
TOTAL COST, \$6500
Bond, none. Sureties, none. Forfeit,
\$5 per day. Limit 30 working days
after date. Plans, none. Specifications,
none.

CHURCH
(5955) DANA ST., DURANT AVE. &
Channing Way, Oakland. General
construction on church.
Owner—First Congregational Church
of Berkeley, Berkeley.
Architect—H. G. Simpson, Call Bldg.,
San Francisco.
Contractor—Lawton & Vezey, 257 12th
St., Oakland.
Filed Nov. 12, 1924. Dated Oct. 23, 1924.
On or about the 10th of each month
75% of labor and materials incor-
porated on completion—a sum suf-
ficient to increase total payments
to 75% of contract price.
35 days after completion—balance
due.

TOTAL COST, \$126,895
Bond, \$63,450. Sureties, Globe indem-
nity Co. Forfeit, none. Limit, May
1, 1925. Plans and specifications filed.

BUILDING
(5956) ON E-14TH ST. ADJOINING
concrete bridge on E-14th St. on
San Leandro Creek. One-story and
basement auto sales building.
Owner—W. L. Duarte, San Leandro.
Architect—None.
Contractor—Chester A. Gossett, 327
Davis St., San Leandro.
Filed Nov. 12, 1924. Dated Oct. 31, 1924.
One-fifth when wood part of 1st floor
is laid.
One-fifth when roof sheathing is on.
One-fifth when plastered.
One-fifth when completed.
One-fifth 35 days after completed.

TOTAL COST, \$11,000
Bond, none. Sureties, none. Forfeit,
\$120 per month or fraction. Limit,
Feb. 1, 1925. Plans and specifications
filed.

RESIDENCE
(5957) LOT 6 BLK. 2 BROOKDALE
Terrace Oakland. General construc-
tion on 2-story 5-room residence.
Owner—Mrs. Kunnigunda Petersen,
Oakland.

Architect—Plans furnished by contrac-
tor.
Contractor—A. Cederborg, 1455 Ex-
celsior Ave., Oakland.
Filed Nov. 12, 1924. Dated Nov. 10, 1924.
When frame is up \$387.50
When plastered 987.50
When completed 987.50
Usual 35 days 987.50
TOTAL COST, \$3950

Bond, none. Sureties, none. Forfeit,
none. Limit, 75 working days after
date. Plans and specifications filed.

HOUSE
(5958) 515 THE ARLINGTON, BER-
keley. General construction on 6-
room house.
Owner—W. T. Frazier, 2729 Prince St.,
Berkeley.
Architect—Plans furnished by contrac-
tor.
Contractor—Fox Bros., 1926 University
Ave., Berkeley.
Filed Nov. 10, 1924. Dated Oct. 30, 1924.
TOTAL COST, Cost plus 8%
Bond, none. Sureties, none. Forfeit,
none. Limit, none. Plans and speci-
fications filed.
NOTE—Permit reported Nov. 3, 1924;
No. 5765.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Nov. 5, 1924—POR. LOTS 10 AND 12,
Blk. 4, Daley's Scenic Place, Berke-
ley. Amy Gould Marshall to G. H.
Lydicksen Nov. 1, 1924
Nov. 5, 1924—POR. LOT 9, BLK. 14,
Map of Brockmoor, San Leandro.
Charles W. and Sheradine M. Le
Messurier to George B. Bellamy.....
Oct. 35, 1924
Nov. 5, 1924—694, 696 44TH ST., Oak-
land. Miss Louise Firenze to J. H.
Skaggs Nov. 5, 1924
Nov. 5, 1924—LOT 26 AND E 15 ft.
of Lot 27, Blk. 179, Kellersbergers
Map of Oakland. Isador Mendel-
son to whom it may concern.....
Oct. 23, 1924
Nov. 5, 1924—LOTS 58 AND 59, MAP
of the Oakland Prospect Home-
stead, Oakland. M. G. Kendall to
California Builders Co. Nov. 5, '24
Nov. 5, 1924—LOT 10, BLOCK C,
Amended Map of Moss Tract,
Brooklyn Twp., W. E. Block to
Georgie E. Nickerson Nov. 1, 1924
Nov. 5, 1924—NO. SIDE OF WOOL-
sey St. 200 E of Telegraph Ave.,
Oakland. Cordelia A. Parmenter
to California Builders Co. Nov. 3, '24
Nov. 5, 1924—LOT 5, BLK. C, MAP
showing subdivision of southerly
por. of Harmon Tract, Berkeley.
James Curley to Algot Ekstrom
..... Feb. 15, 1924
Nov. 5, 1924—NW COR. COLLEGE
Ave. and 63rd St., Oakland. Matil-
da N. Fowler to G. A. Scott.....
Oct. 27, 1924

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PREBUDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4½) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Nov. 6, 1924—1224 1/2 ST. OAK-
land Lot 1 of 1924 to E. Car-
roll. Nov. 6, 1924

Nov. 6, 1924—LOT 1 OF SURVEY
otherwise known as Lot 69 of the
official Connected Plot of the EX-
cession of San Jose containing 7
acres, Alameda County. Spring
Vargas to J. A. B. B. & Sons.
Nov. 6, 1924—LOTS 36 AND 37, MAP
of Broadway Villa Tract, Oakland.
Elmer C. Hauke to Jas. V. Frazier.
Nov. 6, 1924—LOT 23 BLK. L, MAP
of Fourth Ave. Terrace, Oakland.
Kathleen Miller to whom it may
concern. Nov. 6, 1924

Nov. 6, 1924—N SIDE OF RUSSELL
ST. on W side of Pine Path, Berke-
ley. J. S. Johnson to Conner &
Conner. Nov. 6, 1924

Nov. 6, 1924—2623 1/2 BENVENUE
Ave., Berkeley. May Dexter Hen-
shall to E. K. Collins. Nov. 6, '24

Nov. 6, 1924—LOT 8, BLK. 17, Park
Boulevard Addition, H. and
Rovanpera to whom it may con-
cern. Not given

Nov. 6, 1924—697 VINCENT ST.,
Berkeley. John Philip Wigger to
Charles Smith. Nov. 6, 1924

Nov. 6, 1924—LOT 4, BLK. 4, Solano
Avenue Tract, Berkeley. Charles G.
Hinds to Charles W. Lindquist.
Nov. 6, 1924—LOT 4, MAP OF RE-
sub. of a por. of BLK. N of Vernon
Park, Oakland. Max Reed to
Adolph Morgensen. Nov. 6, 1924

Nov. 6, 1924—LOTS 25, 26, 27 AND 28
BLK. 631, Map of Adelina Street,
Oakland. Fischel Estate Co. to J.
S. Sampson Co. Oct. 25, 1924

Nov. 7, 1924—LOT 25, AUGUSTA
Boulevard Acres, Oakland. Augusta
Vargas to L. Zwaal. Nov. 1, '24

Nov. 7, 1924—LOT 20, MAP OF
Garber-Bellerose Tract, Oak-
land. J. B. Stringfaden and R. D. Hol-
bird to J. F. Michelson. Not given

Nov. 7, 1924—1ST—E SIDE 38TH
Ave. 30 S. of Redding St. 2nd—
E side 38th Ave. 6 S. of Redding
St. S. Morris to whom it may con-
cern. Nov. 6, 1924

Nov. 7, 1924—3327 ADELL COURT,
Oakland. Walter Dieling to Roy
Conner. Nov. 6, 1924

Nov. 7, 1924—W SIDE FRESNO ST.
60 N. of Monterey St., Berkeley.
A. Hakanson to whom it may con-
cern. Nov. 7, 1924

Nov. 7, 1924—SV COR. HOPKINS
and Acton Sts., Berkeley. C. S.
Barnard to whom it may concern.
Nov. 7, 1924

Nov. 7, 1924—1418 AND 1420 1/2
Ave. Oakland. Bertha M. Donnelly
to whom it may concern. Oct. 25, 1924

Nov. 7, 1924—LOT 1, BLK. E, MAP
of Hamilton Addition, Oakland. Wm.
E. Peterson to H. Goranson. Nov. 7, 1924

Nov. 7, 1924—2516 MCGEE AVE.,
Berkeley. Annie I. Gillespie to E.
H. Peterson. Nov. 3, 1924

Nov. 6, 1924—NO. 51 BAY FARM
Road, Alameda. E. B. and A. L.
Stone Co. to whom it may concern.
Nov. 6, 1924

Nov. 6, 1924—55 BAY FARM ROAD,
Alameda. E. B. and A. L. Stone
Co. to whom it may concern. Nov. 6, 1924

Nov. 8, 1924—LOT 56, Map of the
Drexler Tract, Oakland Twp. S. A.
Warner to whom it may concern.
Nov. 8, 1924

Nov. 8, 1924—LOT 132, MAP OF FRED-
mont Tract, Oakland. Sarah R.
Howard to Clarke & Warren. Nov. 7, 1924

Nov. 8, 1924—LOTS 343 and 344, MAP
of 49th Map of E. B. and A. L. Stone
Co.'s, Brooklyn Twp. Frank Cas-
sella to Jos. Flittner. Nov. 8, 1924

Nov. 8, 1924—PTN LOT 10 Map of
Lands of the Teutonia Park Home-
stead Assn. of Alameda. Adrian N.
Nelson to whom it may concern.
Nov. 8, 1924—1536 THIRTY-THIRD
Ave., Oakland. Mary J. Hennessey
to James D. Fenclly. Nov. 8, 1924

Nov. 8, 1924—PTN LOTS 17 AND 18
Map of Wymon's Subdn of Park
Place, Brooklyn Twp. Mary
Langbehn to Fred Langbehn. Nov. 6, 1924

Nov. 8, 1924—LOT 43 MAP Chaboly
Terrace, Oakland. Lewis A. Hin-
man to Douglas Campbell. Oct. 14, '24

Nov. 8, 1924—PTN LOT 10 BLK. W
Revised Map Oakland Heights. Wm.
Pitts Lot 11 BLK. 10, Lave. 105 Shreve,
Adams Point Pkty. Oakland. A. and
Jennette Greenwald to whom it
may concern. Nov. 8, 1924

Nov. 10, 1924—POR. LOT 1 BLK. C
Map of the Evoy Tract, Oakland.
C. G. Lister to Geo. M. Graeber. Oct. 27, 1924

Nov. 10, 1924—POR. LOT 41 CROCK-
er Terrace, Piedmont. H. A. Thor-
nton to F. C. Stoltz. Nov. 6, 1924

Nov. 10, 1924—LOT 4, BLK. E
Northrup Terrace, Berkeley. Har-
old de Normandie to whom it may
concern. Nov. 10, 1924

Nov. 10, 1924—SE COR. PERRY &
Lagunitas, Oakland. S. Usevich to
whom it may concern. Nov. 8, 1924

Nov. 10, 1924—LOT 22, BLK. 17
Thousand Oaks Addition, Oakland.
H. A. Graham to whom it may con-
cern. Nov. 7, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Nov. 6, 1924—LOT 2, MAP OF THE City of Elmhurst, Brooklyn Twp. H. Dubnoff vs. Carlo Indelicato.	\$662.50
Nov. 6, 1924—LOTS 3 AND 4, MAP OF E. Map of the Trumbull Tract, Oak- land. Paul E. Morse and Chas. H. Morrison, doing business under the firm name of Morse & Morrison vs. Ivan L. Lingsen.	\$111.45
Nov. 3, 1924—10TH ST. BET. 11TH J Sts., Lots 3 and 16, Blk. F. De- coto's Plan of Decoto. Tilden Lumber Co. vs. A. Ferrante.	\$277.15
Nov. 3, 1924—15 PT. OF LOT 12, Lot 13 and 10 ft. of 13, Map Bry- ant Tract. Van B. Henderson vs. Fred A. Carrick and W. S. Wat- son.	\$88.76
Nov. 8, 1924—LOTS 53 AND 54, MAP of Orange Grove Tract, San Le- andro. Oakland Concrete Terrazzo Co. vs. G. Marini and C. M. Flew- ell.	\$12.00
Nov. 10, 1924—LOT 10 BLK. 17 DAL- ey Scenic Park, Berkeley. Earl Seargent vs. Mrs. Clara Powell & San Francisco Builders Inc.	\$36
Nov. 10, 1924—LOT 10 BLK. 17 DAL- ey Scenic Park, Berkeley. E. J. Folk, Jr. vs. Mrs. Clara Powell & San Francisco Builders, Inc.	\$89
Nov. 10, 1924—LOT 10 BLK. 17 DAL- ey Scenic Park, Berkeley. Thomas J. Dean vs. Mrs. Clara Powell & San Francisco Builders, Inc.	\$133.18
Nov. 10, 1924—LOT 7 BLK. 4 MAP of Subdivision of Fruitvale Heights Brooklyn Township. Bay City Co. for Lumber, Oakland. Chas. F. Grant & John C. Brown & Mar- garet Brown.	\$133.18

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Nov. 5, 1924—LOT 5, BLK. C. Map showing subdivisions of the S por- tion of Harmon Tract, Oakland. E. A. Ot Ekstrom to James Curley.	\$91.64
Nov. 3, 1924—SW COR. 60TH AVE. and Camden St., Oakland. J. F. Whitely to E. F. Bentley and C. M. Bentley.	\$581.00
Nov. 3, 1924—BEG. AT A PT. OF intersection of W line of McGee Ave. with W line of Ross St. SW 48.2 ft. NW 101.92 ft. NE 47.8 ft. SE to beg., Berkeley. Cooley Hardwood Mfg. Co. to H. Dub- noff.	\$159.15
Nov. 7, 1924—E SIDE OF GROVE ST. 100 ft. N. of 52nd St., Oakland. G. Leone to W. C. Helms, John Ceruti, Ben Ceruti and John Perata.	\$165.00
Nov. 7, 1924—LOT 3, BLK. G, MAP Santa Fe Tract No. 2. G. Leone to W. C. Helms, John Ceruti, Ben Ceruti and John Perata.	\$290.00
Nov. 7, 1924—LOTS 62 AND 63, BLK. 6 Map of Fruitvale Boulevard Tract, Oakland. Hunter Lumber Co. to A. Castro and State Builders Co.	\$203.59
Nov. 5, 1924—LOT 13, BLK. 52, MAP of property of the Alameda Land Co., Oakland. Tynan Lumber Co.	

to J. W. Merritt, A. F. Page and N. J. Rizzo.	\$51.96
Nov. 10, 1924—LOT 6, BLOCK 17, Daley's Scenic Park, Berkeley. Thomas J. Dean vs. Mrs. Clara Powell and S. F. Builders, Inc.	\$104.50
Nov. 10, 1924—LOT 6 BLOCK 17, Daley's Scenic Park, Berkeley. Earl Seargent to Mrs. Clara Pow- ell and S. F. Builders, Inc.	\$36.00
Nov. 10, 1924—LOT 6, BLOCK 17, Daley's Scenic Park, Berkeley. E. J. Folk Jr. to Mrs. Clara Powell and San Francisco Builders, Inc.	\$86.00
Nov. 10, 1924—POR. LOT 22, BLK. B Map of Santa Fe Tract number fourteen, Oakland. Hunter Lumber Co. to J. Silva & Son and J. Parodi.	\$33.80
No. 10, 1924—1st—3830 ALLENDALE Ave. 2nd—Por. Lot 16 and 17, Blk. 6, Allendale Tract. 3rd—Por. Lot 16 Blk. 6, Allendale Tract. 4th— Lot 19 and por. Lot 20, Allendale Park, Oakland. Harvey Hall and W. Falkenstein to Kramer Bros., E. C. Kramer and C. W. Kramer.	\$2020.00

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED	Amount
STORES AND OFFICES 5 BLK. SW COR FIRST AND SAN CARLOS Sts., San Jose. All brick work and terra cotta tile partitions for five- story building (stores and offices). Owner—Sainte Claire Realty Co., San Jose.	
Architect—Weeks & Day, 315 Mont- gomery St., San Francisco. Contractor—Hock & Hoffmeyer, 180 Jessie St., San Francisco.	
Filed Oct. 23, '24. Dated Oct. 7, '24. As work progresses.	75%
Usual 35 days.	25%
TOTAL COST, \$13,450	
Bond, limit, forfeit, none. Specifica- tions only filed.	
ALL LATHING AND PLASTERING ON above.	
Contractor—Carroll & O'Brien, 180 Jes- sie St., San Francisco.	
Filed Oct. 23, '24. Dated Oct. 8, '24. Payments same as above.	
TOTAL COST \$32,400	
Bond, limit, forfeit, none. Specifica- tions only filed.	
ALL GLASS AND GLAZING ON ABOVE	
Contractor—Kramer Bros. Glass Co., 666 Townsend St., San Francisco.	
Filed Oct. 23, '24. Dated Oct. 20, '24. Payments same as above.	
TOTAL COST, \$4,550	
Bond, limit, forfeit, none. Specifica- tions only filed.	
ALL MARBLE WORK ON ABOVE.	
Contractor—J. E. Buck Co., 1533 San Bruno Ave., San Francisco.	
Filed Oct. 23, '24. Dated Oct. 10, '24. Payments same as above.	
TOTAL COST, \$12,917.25	
Bond, limit, forfeit, none. Specifica- tions only filed.	
ALL ROOFING ON ABOVE.	
Contractor—J. W. Bender Roofing & Paving Co., 180 Jessie St., San Francisco.	
Filed Oct. 23, '24. Dated Oct. 9, '24. Payments same as above.	
TOTAL COST, \$1,272	
Bond, limit, forfeit, none. Specifica- tions only filed.	
INSTALLING 2 ELECTRIC PASSENG- er and 1 hydro-electric freight elevator on above.	
Contractor—Spencer Elevator Co., 166- 180 Seventh St., San Francisco.	
Filed Oct. 23, '24. Dated Sept. 23, '24. Payments same as above.	
TOTAL COST, \$17,425	
Bond, limit, forfeit, none. Specifica- tions only filed.	
DWELLING	
NW 1/4 LOTS 31, 32, 33, 34 and N 1/4 Lot 30 Blk 15, Nelson J. Birds Subd of Blk 15, Palo Alto. All work for one-story five-room stucco dwell- ing and garage.	
Owner—Lillian Fournie. Architect—None. Contractor—O. R. Nelson.	
Filed Oct. 23, '24. Dated Oct. 22, '24. Frame up.	\$848.75
1st coat plaster on.	848.75

Dwelling completed \$487.50
Usual 35 days. \$487.50
TOTAL COST, \$3395
Bond, none. Limit, 90 days from Oct. 22, 1924. Forfeit, none. Specifications only filed.

RESIDENCE

NO. 11 ALVARADO ROW, Stanford
Campus, Palo Alto. All work for one and one-half-story residence.
Owner—Warren D. Allen, Campus Stanford University, Palo Alto.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—J. W. Osborne and R. C. Knight, Mt. View.
Filed Nov. 5, '24. Dated Nov. 5, '24.
Frame up \$2158.87
1st coat plaster on 2158.87
Completed and accepted 2158.87
Usual 35 days. 2158.87
TOTAL COST, \$865.00

Bond, \$4318.44. Sureties, Paul M. P. Merner and J. L. Pierce. Limit, 120 working days after Nov. 5, 1924. Forfeit, none. Plans and specifications filed.

COTTAGE

LOT 7 BLK 1, Alameda Park, San Jose.
All work for one-story five-room cottage.
Owner—Harry J. Powell, 650 S-10th St., San Jose.
Architect—Wm. H. O'Neill, San Jose.
Contractor—Wm. H. O'Neill, 14th and Jackson Sts., San Jose.
Filed Nov. 6, '24. Dated Jan. 5, '24.
Roof on \$937.75
1st coat plaster on 937.75
Completed and accepted 937.75
Usual 35 days. 937.75
TOTAL COST, \$3975.00
Bond, limit, forfeit, none. Plans and specifications filed.

CHURCH

SE SIDE RAMONA ST., adjoining Cor. Lot at Homer St., Palo Alto. All work for church.
Owner—M. E. Zion Church, Palo Alto.
Architect—William Couter, 172 University Ave., Palo Alto.
Contractor—William Couter, 172 University Ave., Palo Alto.
Filed Nov. 3, '24. Dated Oct. 14, '24.
Cellar done \$1250
When completed 1250
Ready for plaster 1250
Usual 35 days. 1250
TOTAL COST, \$5000
Bond, limit, forfeit, none. Plans and specifications filed.

GYMNASIUM

LOS GATOS. All work for gymnasium building.
Owner—Board of Trustees of the Los Gatos Union High School District, Los Gatos.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.
Filed Nov. 5, '24. Dated Oct. 30, '24.
As work progresses 75%
Usual 35 days. 25%
TOTAL COST, \$24,918
Bond, \$12,459. Surety, The Aetna Casualty & Surety Co. Limit, 120 working days after Oct. 27, '24. Forfeit, none. Plans and specifications filed.

DWELLINGS

ON GROUND BOUNDED BY MAYFIELD AVE., SALVATIERRA ST. and Santa Inez, Palo Alto. All work for five one-story dwellings and garages.
Owner—Mrs. Herbert Hoover, Campus of Stanford University, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero St., Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed Oct. 27, '24. Dated Oct. 24, '24.
Weekly payments on 1st day of each week \$30,559
TOTAL COST, \$30,559
Bond, \$15,500. Sureties, Paul M. P. Merner and Hubbard & Carmichael Bros. Limit, 100 days from Oct. 27, '24. Forfeit, none. Plans and specifications filed.

RESIDENCE, 4-room, \$2500; Tenth St. near Stn Salvador St., San Jose; owner, R. W. Pickle, 394 S-10th St., San Jose.
RESIDENCE, 5-room, \$2500; Third St. near Carrie St., San Jose; owner, O. P. Holaday, 496 S-Ninth St., San Jose.

RESIDENCE, duplex, \$3110; Seventh St., near Martha St., San Jose; owner, Annie Simmons, 425 S-4th St., San Jose; contractor, Ira Brotz, 444 S-7th St., San Jose.
RESIDENCE, 5-room, \$4600; Hollywood St. near Rose Court, San Jose; owner, Miss Jos. Gustavino, Prem.; architect, Herman Bank of San Jose Bldg., San Jose; contractor, Vincent Maggio, 425 N-15th St., San Jose.
RESIDENCE, 4-room, \$2200; Marshall St. near Delmar St., San Jose; owner, Anna Nilson, Premises; contractor, C. N. Sandell.

COMPLETION NOTES

SANTA CLARA COUNTY

Recorded Accepted
Oct. 13, 1924—S 1/2 LOT 3, Chamberlain vs. Gerrish Partition, San Jose.
William J. Burke to whom it may concern Oct. 18, 1924
Oct. 23, 1924—PTN LOT 8 BLK 2, Range 6, South, San Jose. F J Heixtable to whom it may concern Oct. 23, 1924
Oct. 24, 1924—PTN BLK 17, Reeds Addn., San Jose. A B Chifers to whom it may concern Oct. 24, 1924
Oct. 27, 1924—LOT 6 BLK 1, Burrells Resubdivision, San Jose. C V Brown to whom it may concern Oct. 27, 1924
Oct. 28, 1924—NW SECOND AND ST. James St., 68.94x137.84, San Jose. Associated Oil Co to Ernest O. Billwiler Oct. 28, 1924
Oct. 28, 1924—LOT 5 BLK 3, Roosevelt Park, San Jose. E W Grebbell to D R Spooner Oct. 25, 1924
Oct. 28, 1924—LOT 5 BLK 3, Roosevelt Park, San Jose. E W Grebbell to D R Spooner Oct. 25, 1924
Oct. 29, 1924—LOT 18 BLK 7, Evergreen Park, Mayfield. N B Lawson, S. Lawson & Sons, A. Aug. 24, 1924
Oct. 29, 1924—LOTS 38 AND 39 BLK 1, College Terrace, San Jose. Bennett and Elizabeth Wood to whom it may concern Oct. 21, 1924
Oct. 29, 1924—PTN LOT 15 ALVARADO ROW, Stanford University, Palo Alto. Elizabeth L Fordyce to whom it may concern Oct. 29, 1924
Oct. 31, 1924—NE 1/4 ADJ. VALENTINE STS., San Jose. Hazel Brown to Giles Adrian Oct. 29, 1924
Oct. 31, 1924—PTN LOTS 39 AND 40 BLK 1, Burrell Park, San Jose. W. Altevogt to whom it may concern Oct. 31, 1924
Oct. 31, 1924—PTN LOTS 29 AND 40 BLK 1, Burrell Park, San Jose. W. Altevogt to whom it may concern Oct. 31, 1924
Oct. 31, 1924—PTN LOTS 19 AND 21 BLK 1, Burrell Park, San Jose. W. Altevogt to whom it may concern Oct. 31, 1924
Oct. 31, 1924—PTN LOTS 22 AND 23 BLK 1, Burrell Park, San Jose. W. Altevogt to whom it may concern Oct. 31, 1924
Oct. 31, 1924—W FIFTEENTH 78.50 N Jackson st. on W 15th and L W 44.94 L S 40 L E 84.34, San Jose. William H O'Neill to whom it may concern Oct. 31, 1924
Nov. 1, 1924—LOTS 12 AND 14 BLK 8, Santa Addn., 2 Palo Alto. Jacob Levin to whom it may concern Oct. 31, 1924
Nov. 1, 1924—LOT 12 BLK 1, Cook Subdivision, San Jose. George McKillop to whom it may concern Oct. 17, 1924
Nov. 1, 1924—LOT 7 BLK 1, Cook Subd., San Jose. George McKillop to whom it may concern Oct. 17, 1924
Nov. 3, 1924—5.66 a pt. Lot 19, Phillmore Tract, San Jose. Frank Giordano to whom it may concern Nov. 3, 1924
Nov. 5, 1924—LOT 44 BLK 15, Evergreen Park, San Jose. E. W. Mit-sodakis to whom it may concern Nov. 1, 1924
Nov. 5, 1924—SE HESTER AVE and S W line 18 alley SE 81 SW 47.17 N W 1/2 SE 1/4 Hester NE 47.17 ft to beg Part 8 Blk 14, Hanchett Residence Park, San Jose. Fred S and Ruth H Connick to whom it may concern Nov. 3, 1924

Nov. 5, 1924—LOT 16 BLK 5, Seale Addn 1, Palo Alto. Jno Duffield to whom it may concern Nov. 1, 1924
Nov. 6, 1924—GREENWOOD ROAD 600 ft. S Saratoga Ave, McKenzie Tract, Santa Clara Co. N S Sachs to whom it may concern. Oct. 27, '24
Nov. 6, 1924—CONT. 1.851 ACRES on N Saratoga Ave at E Cor land of County Santa Clara NW 270x300 ft. Pt J Smith Tract in Quinto Rcho. Harry E Smith to whom it may concern Nov. 4, 1924
Nov. 6, 1924—PTN LOT 7 BLK 3, Prevost's Addition, San Jose. Stella C Garcia to whom it may concern Nov. 3, 1924
Nov. 7, 1924—LOTS 6 to 12, inc. Blk 1 Cook Subd., San Jose. George McKillop to whom it may concern Nov. 4, 1924
Nov. 7, 1924—SE EVERETT AVE LOT 8 W Webster SW 50x190 Part Lot 4 Blk 36, Palo Alto. Sherman F Chomberg to W M Bernard Oct. 29, 1924
Nov. 7, 1924—LOT 22 BLK 14, Interurban Park Tract, San Jose. Elwood Hiatt to whom it may concern Nov. 7, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Nov. 3, 1924—LOTS 6 AND 7 BLK 2, Barrett & Mack Subd., San Jose. Southern Lumber Co vs H R Phillips \$938.86
Nov. 3, 1924—LOT 1, E. March to Addn., San Jose. Clay Verne Brown vs Dorothea Lee \$62.50

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Nov. 3, 1924—LOTS 51 AND 52 BLK 3, Vendome Park, San Jose. Hubbard & Carmichael Bros to L Beaumont Conkey \$435.31
Nov. 6, 1924—PTN LOTS 7 AND 8 BLK 41, University Grounds. Tilden Lumber & Mill Co to Bernhard Struss \$144.80
Nov. 5, 1924—LOTS 114 AND 115, San Mateo Park Sub No. 2, San Mateo. James A Gattis to Peter Steinstrupp \$47.70

BUILDING CONTRACTS

SAN MATEO COUNTY

COTTAGE
LOTS 10, 11 AND 12 BLK 24, Bell Monte Country Club. All work for cottage and garage.
Owner—L. R. Lambitz et al, S. F.
Architect—Benjamin Schreyer, 100 Montgomery St., San Francisco.
Contractor—Dassett-Rubel Co., 7 O'Farrell St., San Francisco.
Filed Nov. 5, '24. Dated Oct. 23, '24.
Frame up \$1350
Roof on 1350
Completed 1350
Usual 35 days. Balance
TOTAL COST, \$4610
Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

RESIDENCE

PART RESUB LOTS 32 AND 33, San Mateo Park, San Mateo. All work for frame residence and garage.
Owner—Clara M. McGowan, 226 1st Ave., San Mateo.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Frederick Seroginas and Robert B. Caldwell, 338 Highland Ave., San Mateo.
Filed Nov. 3, '24. Dated Nov. 1, '24.
Frame up \$1128.50
Plastered 1128.50
Completed 1128.50
Usual 35 days. 1128.50
TOTAL COST, \$4514.00
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specification filed.

RESIDENCE

SAN BRUNO. All work for frame residence.
Owner—Chas. Harold Hess et al, 43 Buchanan St., San Francisco.

contractor, R. B. Irvine, 786 New Call
Highway, San Francisco.
contractor, A. J. Leland, 1219 Wash-
ington St., San Francisco.
Filed Oct. 27, 1924. Dated Oct. 23, 1924.
On stipulated agreement, \$500.
Roughed out, 200.
Plaster, board and finish, 200.
Completed, 200.
Usual 35 days, 200.
00 days after. TOTAL COST, \$3000.
Bond, none. Limit, 90 working days.
Forfeit, none. Plans and specifications
filed.

BUILDING.
LOT 5 BLK 20 Easton No. 2, Burlingame. All work for frame building.
owner, H. A. Hilmer.
contractor—None.
contracted, Thos. N. Gesso, 1209 Van-
couver Ave., Burlingame.
Filed Oct. 28, 1924. Dated Oct. 22, 1924.
Primes up, 1500.
Brown coated, 1500.
Completed, 1500.
Usual 35 days, 1500.
TOTAL COST, \$6000.
Bond, none. Limit, Jan. 22, 1925. For-
feit, plans and specifications, none.

BUNGALOW.
PART OF PULGAS RANCHO, Domingo
Tract, Menlo Park. All work for
bungalow.
owner, A. W. Congdon, 76 2nd St., San
Francisco.
Architect—None.
contractor—Louis N. Dillard, 85 Brew-
ster St., Redwood City.
Filed Oct. 28, 1924. Dated Oct. 24, 1924.
Roof sheathed, \$1103.
Brown coated, 1103.
Completed, 1103.
Usual 35 days, 1103.
TOTAL COST, \$4413.
Bond, \$2200. Sureties, W. P. Gray and
Z. T. Thorning. Limit, 60 working
days. Forfeit, none. Plans and specifi-
cations filed.

**RESIDENCE and garage, \$6000; Lot 23
Blk 4, Columbus, Burlingame;**
owner, Norbert Bros., 4422
Haight St., San Francisco; contractor,
James Lowe, 76 Coleridge St.,
San Francisco.
**BUNGALOW, \$4000; Lot 7 Blk 12, Lin-
coln, Burlingame;** owner, G. E. L.
Pike; contractor, Martin Peterson,
128 Middlefield Road, Burlingame.
**BUNGALOW and garage, \$4000; Lot 14
Blk 10, Drake, Burlingame;** owner,
Mrs. Dorothy K. Palmer.
**STORES, Class C, \$8940; Lot 33 Blk 17,
Broadway, Burlingame;** owner,
John R. Lynden; contractor, C. C.
Rench, 728 So. E. St., San Mateo.
**BUNGALOW and garage, \$5000; Lot 17
Blk 14, Sanchez, Burlingame;** owner,
Henry P. Maurer, 1039 Sanchez
St., San Francisco; contractor, Nor-
bert & Wicklund, 409 Occidental
Ave., Burlingame.
**BUNGALOW and garage, \$6000; Lot 5
Blk 20, Drake, Burlingame;** owner,
H. A. Hilmer; contractor, Thos. N.
Gesso, 1209 Vancouver St., Burlingame.
**RESIDENCE, 2-story & garage, \$7570
Lot 6, Blk 67, Lincoln, Burlingame;**
owner, S. M. Millard, 491 27th St.,
San Francisco; contractor, Harkins
Bros., 1012 Laguna St., Burlingame.
**BUNGALOW and garage, \$6000; Lot 19
Blk 25, Cortez, Burlingame;** owner,
August Pollock; contractor, H. H.
Putnam, 2508 Easton St., Burlingame.
**BUNGALOW and garage, \$—; Lot 22
Blk 2, Montero, Burlingame;** owner
Mrs. P. D. Jarvis.
**BUNGALOW, \$5000; Lot 11 Blk 9, Mar-
quand, Burlingame;** owner, M. L.
Bennett; contractor, O. Sorenson.
**BUNGALOW and garage, \$5000; Lot 2
Blk 45, Bernal, Burlingame;** owner,
Fred Gustafson, 322 Grand St., San
Mateo.

**WAREHOUSE & garage, \$1200; Hatch
Alley, Burlingame;** owner, William
Wooley, 241 Highland Ave., Burlingame;
contractor, Mitchell &
Jackson, 170 2nd St., San Mateo.
**BUNGALOW and garage, \$5000; Lot 1
Burlingame Heights, Highway,
Burlingame;** owner, Marie F. Swift.
**RESIDENCE and garage, \$6000; Lot 29
Blk 42, Drake Ave., Burlingame;**
owner, Mrs. C. C. Shelton, Mer-

chants' Assn., Burlingame; con-
tractor, Honnig & Honnig, 1524
Florinda, Burlingame.
**BUNGALOW and garage, \$5000, Blk 15
Lot 8, Laguna, Burlingame;** owner,
Owen Plant, 155 Dolores St., San
Francisco; contractor, C. G. Adams,
118 Arroyo St., Burlingame.
**COTTAGE and garage, \$3000; Lot 3 Blk
17, Myrtle, Burlingame;** owner, M.
F. Davis, 23 Martha St., Burlingame.
**BUNGALOW and garage, \$4000; Lot 15
Blk 9, Sanchez, Burlingame;** own-
er, H. H. Rindles.
**BUNGALOW, \$5000; Lot 5 Blk 13, Min-
nie St., San Mateo;** owner, C.
Goodhue, 220 Minnie St., San Mateo;
contractor, White & Dunkee,
775 Edgewood Road, San Mateo.
**ALTERATIONS, \$4000; No. 221 Ellis-
worth, Lot 16, Block 18, San Mateo;**
owner, George Leith Sr., Premises;
contractor, George Leith Sr., 221
Ellsworth St., San Mateo.
**BUNGALOW, \$4500; Lot 25, Blk 8,
Highland Ave., San Mateo;** owner,
C. W. Parsons & Co., Inc., 220 2nd
Ave., San Mateo.
**BUNGALOW, \$3500; Lot 26 Blk 8,
Highland Ave., San Mateo;** owner,
C. W. Parsons & Co., Inc., 220 2nd
Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Nov. 3, 1924—N 1/4 LOTS 42 AND 43
Eighteenth Sub No. 1 Schwerin
Add'n Visiting Valley. Louis
F. Clopper et al to whom it may
concern. Oct. 24, 1924
Nov. 3, 1924—LOT 9 Drepler Tract,
Menlo Park. Inez R. Perry to F. W.
Fox. Nov. 3, 1924
Nov. 3, 1924—LOT 20, Ravenswood
Park, San Mateo. Nels P. Nelson to
James Domant. Nov. 1, 1924
Nov. 5, 1924—LOT 7 BLK 1, Burlingame
Grove, Burlingame. P. Grove
Pedersen to whom it may concern.
Nov. 5, 1924—LOT 7 BLK "K," Hay-
wood Park, San Mateo. Edward
Wolcott et al to Evans & Co.,
Inc. Nov. 4, 1924
Nov. 7, 1924—LOT 10 BLK 36, Easton
No. 2, Burlingame. N. D. Franklin
to whom it may concern. Nov. 3, 1924
Nov. 7, 1924—LOT 14 BLK 3, East
San Mateo. Charles F. Maynard to
Wallace Waterhouse. Oct. 17, 1924
Nov. 7, 1924—LOT 20 BLK 8, Burlingame
Grove, Burlingame. Sterling
Anderson to R. W. Hurst. Oct. 24, 1924
Nov. 7, 1924—LOT 80 BLK 7, Central
Addition, San Mateo. Jos. A.
Sexton to whom it may concern.
Nov. 1, 1924

BUILDING CONTRACTS

SAN ANSELMO, MARIN COUNTY

ADD two-story and garage, \$2000;
Waverly Road and Melville Ave.,
San Anselmo; owner, J. W. Dun-
lop.
**DWELLINGS (2) and garages, \$3800 &
\$4000 respectively; Lincoln Park,
San Anselmo;** owner, Mrs. V. Wal-
ton.
**DWELLING and garage, \$3500; Wood-
land Ave., San Anselmo;** owner,
Leach Realty Co.
**DWELLING, \$2375; Lot 3, San Rafael
Tract, San Anselmo;** owner, N.
Harnden.
**DWELLING, \$3000; Lot 10, Bella Vista
Tract, San Anselmo;** owner, J. Tru-
felli.
**ADD two room and porches, \$2800; Blk
A Lot 7, Floribel Park, San Anselmo;**
owner, L. Zegarac.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

LATHING, ETC.
ON THAT CERTAIN BLOCK OF LAND
bounded on the west by South Elgin
St., on the north by E. Jefferson
St., on the east by S. Ophir St.
and on the south by E. Jackson St.
All labor and material for lathing,
plastering and fireproofing of a ten
room school building.
Owner—John R. Humphreys, Alice
Smallfield Schneider, Clark A.

Wakefield, Alida Barrett and H. C.
Parrinson, holders of the land and
education of the Stockton School
District.
**Architect—Chas. H. Young, 725 N. El
Dorado, Stockton.**
**Contractor—Elmer E. Gordon, 1622 S.
Sutter, Stockton.**
Filed Nov. 1, 1924. Dated Oct. 27, 1924.
Payments not given.
TOTAL COST, \$4518
Bond, sureties, forfeit, none. Limit, 90
working days. Plans and specifications
not filed.
FLATS
TO BE ERECTED ON A LOT OF LAND
in Blk. 141 East Stockton, known
as 325 E. Magnolia, Stockton. All
work for 2-story frame flat bldg.
4 flats.
Owner—E. C. Ellis, 228 So. Union,
Stockton.
Architect—None.
**Contractor—William J. Scott, 36 N.
Sutter, Stockton.**
Filed Oct. 30, 1924. Dated Oct. 28, 1924.
Payments not given.
TOTAL COST, \$13,745
Bond, sureties, forfeit, none. Limit, 90
working days. Plans and specifications
not filed.

**DWELLING and garage, \$4700; 144 E.
Sonoma, Stockton;** owner, North
Stockton Town Lot Co.; contractor,
Salfeld Bros., 3411 N. Sutter, Stockton.
**FOUR dwellings and garages, \$2000
each; 404, 410, 414 S. Ash and 2185
E. Marsh, Stockton;** owner, Fred C.
Garlick, 323 S. Ash, Stockton.
**DWELLING and garage, \$4000; 1751
Mt. Diablo, Stockton;** owner, M.
Satterlee, 119 E. Rose, Stockton;
contractor, Carl F. Anderson, 601
Orange, Stockton.
**DWELLING and garage, \$4000; 1139 W.
Acacia, Stockton;** owner, Mrs. John
Markwardt; contractor, Eckert
Bros.
**ALTERATIONS, \$2000; 40 West Main,
Stockton;** owner, J. Rossi; con-
tractor, L. S. Peletz, 314 Exchange
Bldg., Stockton.
**ALTERATIONS, \$1000; 1301 East Char-
ter Way, Stockton;** owner, C. N.
Reus.
**ALTERATIONS, \$1000; 540 East Main,
Stockton;** owner, Mrs. Kate F. Aus-
tin; contractor, Lewis & Green, 805
Commercial Bank Bldg., Stockton.
**DWELLINGS (3) and garages, \$4000
each; No. 1226 W-Oak and 634-644
N-Argonaut St., Stockton;** owner,
A. Hollenbeck.
**DWELLING (2) garage, \$2800; 2115 E.
Marsh, Stockton;** owner, Bill Guadagnola.
BARN, \$2000; 2222 E. Railroad, Stockton;
owner, J. E. Johnston, 818
Savings & Loan Bldg., Stockton.
**DWELLING and garage, \$2750; No. 825
Buena Vista St., Stockton;** owner,
W. J. Mattingly, Stockton.
**PLANING mill, \$10,000; No. 1302 West
Oak St., Stockton;** owner, A. C.
Williams, 32 N-Commerce St.,
Stockton.
**DWELLING & garage, \$2500; No. 2179
E-Hazel St., Stockton;** owner,
W. L. Sexton, 2023 E-Sonora St.,
Stockton; contractor, J. B. Mc-
Inerney, 1441 W-Park St., Stockton
**DWELLINGS (2) and garages, \$5000 &
\$1500 respectively; No. 1119 and
1102 W-Poplar St., Stockton;** own-
er, Heffernan & Delos; contractor,
J. M. Fetter.
**DWELLINGS (2) and garages, \$7500
each; No. 1102 W-Acadir and 1101
W-Flora St., Stockton;** owner, Mrs.
S. F. Phelan, 304 E-Vine St., Stock-
ton; contractor, J. M. Fetter.
**DWELLING & garage, \$3500; No. 1540
E-Miner St., Stockton;** owner, M.
Schweitzer.
**LUMBER shed, \$1800; No. 40 N-Wilson
Way, Stockton;** owner, E. F. Wilson
Bros., Wilson Way Cor. Weber St.,
Stockton.
**DWELLING and garage, \$2500; No. 319
N-Flower St., Stockton;** owner,
J. W. Williams, 226 N-Wilson Way,
Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Nov. 8, 1924—N 1/4 LOT 9 and N 1/4 of
E 50 ft. Lot 8 Blk 1, Mark's Addi-
tion to Stockton. A. F. Faight to

A. F. Faught, Nov. 6, 1924
 Nov. 8, 1924—S. L. P. 9 and S. 1/2 of
 E. 30 ft. Lot 8 Blk 1, Mark's Addition
 to Stockton. A. V. Faught to A.
 V. Faught. Nov. 6, 1924

BUILDING CONTRACTS

SACRAMENTO COUNTY

SCHOOL

GALT, Cal. All work for power plant
 and heating for school building.
 Owner—Galt Joint Union High School
 District, Galt, Cal.
 Architect—Davis-Heller-Pearce Co.,
 Delta Bldg., Stockton.
 Contractor—Miller Hays Co., 125 Cali-
 fornia St., Stockton.
 Filed Nov. 3, '24. Dated Oct. 31, '24.
 TOTAL COST, \$13,462
 Bond, limit, forfeit, plans and speci-
 fications, none.

DWELLING, 5-room and garage, \$3460;
 No. 3248 U St., Sacramento; owner,
 Frank P. Williams, 4440 San Benito
 Ave., Sacramento.

DWELLING, 6-room and garage, \$4500
 No. 3024 Freeport Blvd., Sacra-
 mento; owner, D. A. Stanick, 1531
 T St., Sacramento; contractor, T.
 B. Hunt, 1510 30th St., Sacramento.

DWELLING, 6-room and garage, \$4500;
 No. 901 41st St., Sacramento; own-
 er, T. B. Hunt, 1510 30th St., Sacto.
 DWELLING, 6-room and garage, \$6500;

No. 2932 24th St., Sacramento;
 owner, W. W. Wiard, 2148 Marshall
 Way, Sacramento; contractor, E.
 Rahn, 1421 G St., Sacramento.

DWELLING, 8-room and garage, \$3000
 No. 2400 26th St., Sacramento; own-
 er, J. Dammeru, R F D 1 Box 330,
 Sacramento.

DWELLING, 5-room and garage, \$3000;
 No. 340 33rd St., Sacramento; own-
 er, H. R. Willis, 3009 21st St., Sacra-
 mento; contractor, E. H. Bills.

DWELLING, 5-room and garage, \$3900;
 No. 2601 41st St., Sacramento;
 owner, H. M. Moore; contractor, J.
 Edenhofer, 3302 2nd Ave., Sacto.

DWELLING, 5-room and garage, \$4000;
 No. 840 9th Ave., Sacramento; own-
 er, D. Sacconi, 415 Riverside Blvd.,
 Sacramento; contractor, M. Mar-
 tinelli.

DWELLING, 5-room, \$2500; No. 3151
 Carley Way, Sacramento; owner,
 H. G. Birdsall, 1506 25th St., Sacra-
 mento.

DWELLING, 5-room and garage, \$2000;
 No. 2132 Sloat Way, Sacramento;
 Owner, H. G. Birdsall, 1506 25th
 St., Sacramento.

DWELLING, 5-room, \$2500; No. 1366
 47th St., Sacramento; owner, J. H.
 Laferty, 3007 32nd St., Sacramento
 contractor, H. G. Birdsall.

DWELLING, 5-room and garage, \$2500;
 No. 3608 Downey Way, Sacramento
 owner, H. G. Birdsall, 1506 25th St.,
 Sacramento.

DWELLING, 5-room and garage, \$5000;
 No. 2173 35th St., Sacramento;
 owner, Jas. R. Ransdall, 1055 41st
 St., Sacramento.

CHAPEL, \$2800; No. 2569 30th St., Sacra-
 mento; owner, Lutheran Chapel,
 43rd & 5th Ave., Sacramento; con-
 tractor, T. G. Hersum, Rio Linda.

DWELLING, 5-room and garage, \$3250;
 No. 417 20th St., Sacramento; own-
 er, R. S. Swift, 3225 U St., Sacra-
 mento; contractor, E. R. Beebe,
 1722 1/2 S St., Sacramento.

DWELLING, 5-room and garage, \$3000;
 No. 439 8th Ave., Sacramento;
 owner, Mamie Fernandez, 3340 41st
 St., Sacramento; contractor, John
 Fernandez.

DWELLING, 5-room and garage, \$2900
 No. 1400 43rd St., Sacramento; own-
 er, G. R. Grimshaw, 930 H St., Sacra-
 mento.

DWELLING, 5-room and garage, \$5000;
 No. 936 Schuyler Way, Sacramento;
 owner, E. W. Culner, 1615 11th St.,
 Sacramento.

DWELLING, 5-room, \$2300; No. 2705 S
 St., Sacramento; owner, L. H. Look,
 1600 S St., Sacramento; contractor,
 A. Lillstrom, 3668 Sacramento Blvd.

RAISE dwelling and install 5 rooms.
 \$2200; No. 1909-11 20th St., Sacto.;
 owner, D. W. Batchelder, 1913 20th
 St., Sacramento; contractor, J.
 Lucas, 1604 V St., Sacramento.

DWELLING, 6-room and garage, \$2750;
 No. 1609 49th St., Sacramento;
 owner, Ed Worthington, 2557 5th
 Ave., Sacramento; contractor, R. L.
 Hathaway.

DWELLINGS, (2) 5 and 6-rooms and
 garages, \$2750 each; No. 3441 and
 3449 V St., Sacramento; owner, A.
 M. Henderson; contractor, P. R.
 Opydyke, 1009 7th Ave., Sacramento.

DWELLING, 5-room and garage, \$6000;
 No. 1366 44th St., Sacramento; own-
 er, Evelyn Carlhers; contractor,
 Elmer Constr. Co., 2509 S St., Sacto.

DWELLING, 5-room and garage, \$4550;
 No. 624 34th St., Sacramento; own-
 er, Frank C. Williams, 4440 San
 Benito Way, Sacramento.

DWELLING, 5-room and garage, \$2500;
 No. 3733 Stockton Blvd., Sacra-
 mento; owner, E. L. Francis.

DWELLING, 5-room and garage, \$2250;
 No. 1388 57th St., Sacramento;
 owner, Ryan & Marx; contractor,
 Paul & Millsapugh, 2140 Gerber
 Court.

DWELLING, 5-room and garage, \$3000;
 No. 404 97th St., Sacramento; own-
 er, Robert E. Clark, El Dorado;
 contractor, W. J. Byrne, 4825 11th
 Ave., Sacramento.

DWELLING, 5-room and garage, \$4500;
 No. 341 8th St., Union Way Sacra-
 mento; owner, W. C. Ford, 1013
 24th St., Sacramento; contractor, C.
 J. Hopkins.

GARAGE and shed, \$2500; No. 1100
 Nile St., Sacramento; owner, W. L.
 Kirtz, Premises.

DWELLING, 6-room and garage, \$3200;
 No. 5322 J St., Sacramento; owner,
 F. L. Fullen, 5322 J St., Sacto.

DWELLING, 5-room and garage, \$1950;
 No. 2629 16th St., Sacramento; own-
 er, Etta Emick.

DWELLING, 5-room and garage, \$4500;
 No. 2625 Curtis Way, Sacramento;
 owner, M. Furtado, 2423 18th St.,
 Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
 Oct. 27, 1924—BEG AT PT of inter-
 section of N line of I' and E line
 of Front th S 70° 49' 30" E 210 ft.
 of N 19° 10' 30" E 210 ft. th N 70°
 49' W 210 ft. th S 18° 10' 30" W 210
 ft. pt of obs. Sacramento, P.
 C & E Co to whom it may concern
Oct. 16, 1924
 Oct. 27, 1924—W ONE-HALF OF
 Lot 5, L-M-18-19. Nora J. Ryan
 to whom it may concern. Oct. 25, '24
 Oct. 29, 1924—B ONE-HALF OF N
 100 ft. of Lot 5, N-O-4-5. P. Wada-
 hara to whom it may concern.....
 Oct. 25, 1924
 Oct. 29, 1924—Lot 2, SWANSTON
 Acres. J. W. Hoopes to whom it
 may concern.....June 15, 1924
 Oct. 29, 1924—W ONE-FOURTH OF
 Lot 2, J-K-9-10. A. M. Braddock
 to whom it may concern. Sept. 18, '24
 Oct. 29, 1924—4.08 ACRES IN SEC. 45,
 9-4. Pacific Gas & Electric Co. to
 whom it may concern. Oct. 19, 1924

PIERCE-BOSQUIT Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
 Nevada City, Reno

SACRAMENTO OFFICE
 ROSS E. PIERCE, Manager
 905 SIXTH STREET

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
 Nov. 8, 1924—N 1/2 LOT 1, G. H. 3th
 and 10th Sts., Sacramento; owner,
 Friend & Terry Lumber Co vs J. L.
 and Hannah Anderson.....\$2841.85
 Nov. 3, 1924—N 10 FT. LOT 1520 and
 all Lot 1821 W & K Tract No. 24,
 Sacramento; owner, Ralph Francis vs
 Edw. L. and Dorra W. Snyder and
 Frank Davis.....397.75
 Nov. 6, 1924—LOTS 550 AND 551 W &
 K Tract 19, Sacramento. L. F. Haley
 vs A. Heilbron Jr. and Hazel
 Heilbron.....\$50

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING and garage, \$6000; No. 64
 Normal Ave., Fresno; owner, C.
 Schmittner, 117 T St., Fresno.
 DWELLING, \$4000; No. 1555 Roosevelt
 Ave., Fresno; owner, Fred Benton
 contractor, D. M. Benton.
 DWELLING, \$2500; No. 4170 Platt Ave.
 Fresno; owner, F. Gibble, 2611
 Mariposa St., Fresno; contractor,
 D. W. Benton.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
 Oct. 28, 1924—FIGARDEN. Figarden
 School Board of Trustees to E. L.
 Donahue, Oct. 23, 1924; Shorb &
 Neades, Oct. 1924; Pinedale Elec
 Co, Oct. 23, 1924; J. E. Wandell, Oct.
 23, 1924; E. C. McMullen, Oct. 23,
 McKinney Tract Sub No. 1, Fresno.
 Oct. 23, 1924—LOTS 3 AND 4, N
 K B Hts., Fresno. Greek Commu-
 nity of Fresno to whom it may
 concern.....Oct. 27, 1924
 Oct. 29, 1924—LOTS 4 and 4, Clark-
 Leona, student to whom it may con-
 cern.....Oct. 25, 1924
 Nov. 1, 1924—LOTS 33 AND 34, In-
 gersoll Tract, Fresno. Geo. Fathy
 to whom it may concern. Oct. 30, 1924
 Nov. 1, 1924—COALING PUMP STA-
 tion, Fresno. Associated Pipe Line
 Co to whom it may concern.....
 Oct. 25, 1924
 Oct. 31, 1924—BULLARD SCHOOL
 Dist. Fresno, Bullard School Dist.
 to Erwin & Hopkins.....Oct. 29, 1924
 Nov. 5, 1924—LOTS 7 AND 8 BLK 1,
 Leona Heights, Fresno. Albert H.
 Sanner et ux to whom it may con-
 cern.....Nov. 3, 1924
 Nov. 5, 1924—LOTS 26 AND 27 BLK
 6, Fresno Heights. Mary E. Benton
 to whom it may concern. Nov. 1, 1924
 Nov. 7, 1924—GAS PLANT, Fresno.
 Pacific Gas & Electric Co. to Trus-
 con Steel Co.....Oct. 28, 1924
 Nov. 7, 1924—PINEDALE. Pinedale
 School District to J. M. Brown.....
 Oct. 30, 1924
 Nov. 3, 1924—LOT 26 NW 1/2 LOT 25
 Blk 346, Fresno. Chas. E. Patterson
 to Carman & Berry.....Oct. 31, 1924
 Nov. 6, 1924—LOTS 2 AND 27, High
 Addition Annex No. 2, Fresno. S. C.
 Ramage to whom it may concern.....
 Nov. 5, 1924
 Nov. 6, 1924—LOTS 29 AND 30 BLK
 2, Fresno. Home Addition, Fresno.
 Sunset Lumber Co to whom it may
 concern.....Nov. 5, 1924
 Nov. 8, 1924—LOTS 8 AND 9, Craw-
 ford Park, Fresno. Henry M. Cum-
 mings to whom it may concern.....
 Nov. 7, 1924
 Nov. 8, 1924—LOTS 1, 2 AND 3 BLK
 111, Fresno. Temple Beth Israel
 to Treshwhite Shields Co.....
 Nov. 8, 1924—LOTS 17, 18 AND 19,
 Blk 1, Matteawan Addition, Fresno.
 Carl Gustafson to whom it may
 concern.....Nov. 8, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
 Nov. 8, 1924—LOTS 65, 66 AND 80 in
 NE 1/4 of SW 1/4 of Sec. 19, 13-19,
 Fresno. C. S. Pierce Lumber Co vs
 Yervant Hagopian et al.....\$1

SEWERS & STREET WORK

(Continued from Page 26)

LOS ANGELES, Cal.—Mingovich & Gibson, 1029 W. 26th St., awarded contracts to construct sections 17 and 18, North Outfall Sewer, city to fur. materials. The awards were:

Sec. 17, bet. intersection of Maryland and Sweetzer Ave. and of Cashio St. with Crescent Hts. Bldg., item A, using type 4, 3-ft. 6-in. semi-elliptical concr. sewer, 4343 lin. ft. from Sta. 0 minus 61.50 to Sta. 43 plus 26.09, incl. all curves, struc., connection, stubs, spurs, etc., at \$37,000, with 2c per bar deduction for omission of paint, steel in base is specified; item B, using type 4, 2-ft. 6-in. semi-ellip. concr. sewer, 3533 lin. ft. from Sta. 43 plus 26.03 to Sta. 78 plus 8.72 at \$25,700, with 2c per bar deduction for omission of paint, steel in base is specified.

Sec. 18, bet. intersection of Orange Grove Ave. with Beverly B. rd. and of Maryland Dr. with Sweetzer Ave., item A, using type 1, 2-ft. 3-in. semi-ellip. brick-conc. sewer, 1202 lin. ft. from Sta. 0 plus 02.00 to Sta. 12 plus 04.88, at \$7500 with 2c per bar deduction for omission of paint, steel in base is spec. filed; item B, using type 1, 2-ft. 6-in. semi-ellip. brick-conc. sewer 4730 lin. ft. from Sta. 12 plus 03.88 to Sta. 60 plus 02.34, at \$32,000, with 2c per bar deduction for omission of reinf. steel in base as specified.

SAN RAFAEL, Marin Co., Cal.—Until Nov. 17, 1924, bids will be rec. by Eugene W. Smith, city clerk, to grade road in Boyd Park, involv. 10,000 cu. yds. excavation; 165 lin. ft. 10-in. galv. iron pipe. Approx. length, 3500 ft. Above quantities may be reduced to 1500 lin. ft. of road and 5000 cu. yds. excavation if sufficient money is not available to complete the work. Cert. check 10% payable to Mayor req. Plans obtainable from City Manager on deposit of \$10, returnable.

SEBASTOPOL, Sonoma Co., Cal.—A. Tschert & Sons, Ochsner Bldg., Sebastopol, at \$14,400 awarded cont. by city trustees to pave Florence Ave., bet. Bodega and Forestville highways.

MONTEREY PARK, Cal.—Until 7:30 p. m., Nov. 17, bids will be rec. to imp. Garfield Ave., bet. Hellman Ave. and 10 ft. s. of Newmark Ave. and portions of Lincoln and Nicholson Aves., Sierra Vista St. and Rural & Emerson Places, involv. cem. curbs and walks.

Bids also to imp. Orange Ave., bet. Hellman and Garvey Aves. and portions of Ghedys, Florence, Elizabeth and Hershey Aves., involv. cem. walks and curbs.

Bids also to imp. Ramona Ave., bet. Garvey and Newmark Aves. and portions of Ynez Ave., involv. cem. curbs and walks.

Plans on file at office of city clerk Arthur W. Langley.

TORRANCE, Cal.—Ladewez & Haight, 250 S. Pacific Blvd., Huntington Park, low bidder at \$12,400 or 15.5c sq. ft. for cem. walks on Dominguez St., bet. Madrid and Sartori Aves., and portions of Maricopa, Sierra, Carson, and other streets and avenues.

HUNTINGTON BEACH, Cal.—Geo. M. Souter, Huntington Beach, awarded cont. at \$29,818 to imp. Orange Ave., bet. Lake Ave. and 11th St. and portions of other Sts.; 1½-in. Topeka pav. on ¾ asph. concr. base; walks, curbs, corr. iron cluv., ornam. light, sys. (20 sided).

NEWPORT BEACH, Cal.—City trustees start proceedings to grade and surface practically all important Sts. of Balboa Island, including Opal, Emerald, Turquoise, Pearl, Ruby, Sapphire, Diamond, Coral, Onyx, Amethyst, Jade, Crystal, and several other Sts. Totally without aid about 24 blks. Paul E. Kresley, city engineer.

ALAMEDA, Alameda Co., Cal.—No bids rec. by council to imp. (No. 73) Bay Island Ave., bet. Park St. and Park Ave., involv. grading; const. conc. curbs, gutters, gutter bridges, walks and corr. iron culverts; pave with 6-in. oiled macadam. New bids will be asked, the improvement to include paving of Bay Island Ave. east of Regent St. to Pearl St. Burnett Hamilton, City Eng.

SAN DIEGO, Cal.—Geo. R. Daley, 4430 Boundary St., awarded cont. to imp. El Cajon Ave., bet. Park Blvd. and E. city limits, at \$108,381, asph. concr. pav., bitum. base, etc.; Thorn St., bet. 30th and Gregory Sts., at \$23,040; asph. concr. pav., etc.; Texas St., bet. Lincoln and Polk Sts., at \$7642; asph. concr. pav.

Griffith Co., 25 14th St., awarded cont. at \$16,932 for imp. B St., bet. 12th and 18th Sts. Low bid of Pioneer Truck Co. was found to be irregular. Conc. pav.

SANTA ANA, Cal.—Approx. quantities for R. D. I. No. 39, road bet. La Mirada St. and county line, bids for which are to be opened Nov. 12, at 11 A. M. (previously noted) are: 88,765 sq. ft. 5-in. asph. concr. pav., 2320 cu. yds. excav., 20,527 cu. yd. mac. shoulders, 1500 cu. yds. decomposed granite sub-grade material. Depos. \$10 for plans obtainable from Co. Rd. Comm. J. L. McBride. Cert. chk. or bond, 10%.

LOS ANGELES, Cal.—Geo. J. Brock, 1250 S. Gramercy Pl., awarded cont. at \$37,954 for cem. concr. paving, etc., in Altamont St. and Del Rio St. Improvt. Dist.

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, completes spec. to replace old Exposition outfall sewer involv. cast iron and reinforced concrete pipe set on reinforced conc. piles and rein. conc. timber, 18-in. to 30-in., seven sewers each about 100 ft. in length.

SAN LUIS OBISPO, Cal.—Supervisors contribute \$25,000 toward state highway expense to straighten highway immediately south of Pismo Beach.

SAN FRANCISCO — Board of Public Works completes spec. to imp. crossing of Cabrillo and 30th Ave., involv. 1000 cu. yds. fill; 94 lin. ft. concr. curb; 660 sq. ft. art. stone walks; 75 lin. ft. 8-in. and 40 lin. ft. 12-in. ironstone pipe sewer; 3 hr. manholes; 3 hr. catchbasins; 105 lin. ft. 10-in. ironstone pipe culvert; 4893 sq. ft. asph. conc. pavement.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by council to imp. streets under Res. of Inten. 21-D, involv. conc. curb, \$45 lin. ft.; conc. walks, \$157 sq. ft.; driveway approaches, \$20 sq. ft.

SEBASTOPOL, Sonoma Co., Cal. — City trustees approve spec. for conc. pavement in Calder Ave. Bids will be asked in about 30 days. It was originally planned to pave the streets with Willite but majority of property owners favored concrete.

REDWOOD CITY, San Mateo Co., Cal. — County Supervisor Geo. A. Kneese preparing estimates of cost for road around tubercular bldg., at County Community Hospital grounds.

SANTA CLARA, Santa Clara Co., Cal. — Petitions are being circulated for concrete paving Franklin St. from Grant St. to r.r. station; Benton St. bet. Lincoln St. and Railroad Ave.; Main St., bet. Franklin to city park and Liberty St. west of Lincoln St.

SANTA CRUZ, Santa Cruz Co., Cal. — J. L. Connors, Santa Cruz, at \$26,293.64 awarded cont. by supervisors to imp. portions of Stetson, Sequel and San Jose Montgomery Aves., Mt. Batch Ave., Slaughter and portions of Marks road in skyline section of Sequel Rd. Dist. Other bids were: Thompson Bros., Fresno, \$27,225.60; Granite Constr. Co., Watsonville, \$35,935.

HAWTHORNE, Cal.—Council declares inten. to pave Prairie Ave., bet. n. and s. city limits to 1915 act. Victor H. Staheli, city engineer.

LOS ANGELES, Cal.—Martin G. Brkich, 310 Douglas Bldg., subm. low bid at \$17,490 to Bd. Pub. Wks., for sewer in Sanford Ave., bet. Young St. and I St.

Mike Radich, 4207 Eastern Ave., low at \$23,480 for sewer in Sunset Blvd., bet. 146.26 ft. s. e. of Micheltorena St. and Reno St. Next five low were: Adam Dalmatin, \$24,700; Geo. Petrovich, \$24,932; Clujka & Bebek, \$25,040; M. S. Mingovich, \$25,690; R. A. Wattson, \$26,000.

BURBANK, Cal.—Council declares inten. to imp. Monterey Ave., Orchard Dr., Keyston St., Victory Bldg., Lamar St., and Parish Pl.; grade, curbs, walks; 1911 act. F. S. Webster, city clerk.

LOS ANGELES, Cal.—Supervisors declare inten. for:

County Imp. No. 17, 94th St., bet. Main St. and Moneta Ave., 1238 ft. involv. 100 cu. yds. excav., 42 sq. yds. shaping, 4368 sq. ft. gu. 49 in. curb, 4072 sq. yds. 1½-in. National top, 4072 sq. yds. ¾-in. asph.-conc. base. Est. contr. price, \$10,693.50.

County Imp. No. 18, Inglewood Ave., bet. Pine St. and Bellevue Ave., .99 mi. involv. 8508 cu. yds. excav., 28,103 sq. yds. shaping roadbed, 10,311 ft. curb, 10,622 sq. ft. gut., 49,520 sq. ft. curb, 28,103 sq. yds. 2-in. Willite surface, 28,102 sq. yds. 3-in. Willite pav. Est. contr. price, \$80,838.50.

R. D. I. No. 264, Clara St., bet. Wright and Perry Bldgs., 99 mi. involv. 3203 cu. yds. excav., 20,465 sq. yds. shaping roadway, 20,465 sq. yds. concr. pav., corr. iron pipe culv., corr. iron pipe culv., reinf. concr. culv., 17,892 ft. shaping shoulders. Est. contr. price, \$33,587.25.

LOS ANGELES, Cal.—Gibbons & Reed Co., 905 S. Olive St., awarded contr. at \$49,353 for asph. concr. pave., etc., in Fulton Ave., bet. Victory Blvd. and 260 ft. south.

C. W. Shafer, 3301 S. Hill St., awarded contr. at \$33,940 for concr. pave., sewer, etc., in Lomitas Dr., bet. Carnegie St. and Monterey Rd.

Geo. H. Oswald, 366 E. 58 St. awarded contr. at \$72,229 for concr. pave., sewer, etc., in Angeles Mesa Dr., bet. Adams St. and 3175 ft. south.

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SALT LAKE CITY

SEATTLE
TACOMA
SPOKANE
YAKIMA



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Published Every Saturday
Twenty-fourth Year No. 47

Schumacher

Office
210 American Bank Building, S. F.

*Permanence
Economy*

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Warehouses

San Francisco Oakland
San Rafael

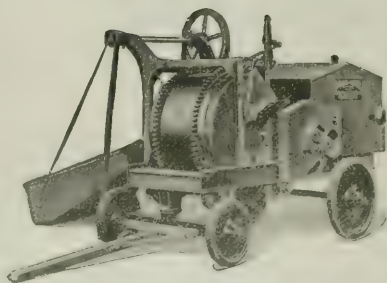
*Appearance
Comfort*

Board

For Sale by All Lumber and Building Material Dealers

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DANDIE Light Mixer



Dandie with steel disc wheels and solid rubber tires; power charging skip, water tank and gasoline engine.



Dandie with steel trucks; power charging skip, water tank and gasoline engine.

EQUIP it to your special needs. Rubber tires to save the time waste of between-job hauls, and to expand your working territory. *Light duty hoist. Low charging platform or power charging skip. Automatic water-measuring tank.*

Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

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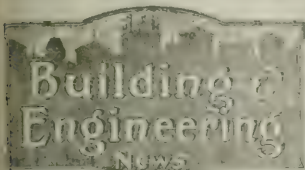
LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 22, 1924 Twenty-fourth Year No. 17



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SOUTHERN CALIFORNIA EDISON VOTES \$25,000,000 BUDGET

Twenty-five millions of dollars said by the company to be one of the largest annual authorizations ever made in the United States for hydro-electric development and distribution of electricity, has been authorized by the board of directors of the Southern California Edison as the construction budget for the year 1925. This makes an aggregate authorization for development and distribution by the company since the close of the world war of \$145,000,000.

Features of the budget are \$7,535,000 for hydro-electric development on the Big Creek-San Joaquin River project; \$3,985,000 for completion of steam plants now under construction; \$1,500,000 for increasing the 220,000 volt transmission facilities between Big Creek and Southern California, and \$12,000,000 for extension of distribution systems and betterments.

"Recent rain and early completion of the Long Beach steam plant mark the end of the power shortage which existed during the past season," according to a statement issued by the company.

"The Florence Lake tunnel, which will be completed approximately \$17,000,000, will be finished in March, and the construction on the Big Creek-San Joaquin River project will increase the water power generating capacity during the ensuing year by 55,000 horsepower, which will bring the total generating capacity of the company in water and steam up to 687,000 horsepower.

LOWER MATERIAL PRICES ARE NOT LOOKED FOR

Unless building permits decline to a considerable extent during the last quarter of this year, 1924, will go down as the banner year in the construction industry of the country, according to A. W. Dickson, executive secretary of the National Association of Building Trades Employers. There is no evidence at this time, Dickson says, to support a prediction that there will be a drop at any time during the last quarter, while there is every reason to believe that the total value of permits issued will greatly exceed that of the same period last year.

An examination of figures over a period of years reveals the fact that the construction industry usually has two peaks and two depressions each year. During the early months there is a depression which culminates about the first of March when the upward trend begins which usually reaches the high point for the year around the first of June. Then another depression sets in which continues for a couple of months before the reaction begins and the second peak is reached around September. It is therefore interesting to note that the value of permits issued during each succeeding September since 1922 has been in excess of that of the preceding year. Permits issued in the twenty-five cities listed during September 1924 amounted to \$162,824,998, as against \$145,874,709 for September 1922 an increase of approximately \$17,000,000.

All of those who have made a study of conditions in the construction industry are unanimous in their opinion that a point of stabilization has been reached as to building costs. It is likely that present levels will be maintained during the rest of this year and well into 1925. This is especially true in the matter of wage rates. September was the first month in two and one half years that wage decreases outnumbered wage increases in the industry. While the decreases were confined to some of the minor trades and were not general it is an indication that there will be no further increases this year.

The material market shows practically the same stability and there is no reason to believe that there will be any sharp advances in prices for some time to come.

BAY BRIDGE FAVORED

Both the Navy and War Department will sanction the construction of a bridge across the Golden Gate. As soon as comparatively minor details can be disposed of a probable favorable decision will be forthcoming, according to word received from J. R. D. Matheson, Major, Corps of Engineers, at Washington.

Several plans for the proposed structure are under way with M. M. O'Shannon, city engineer of San Francisco, notably one drawn up by the Strauss engineers in Chicago which calls for a combined cantilever and suspension bridge. It would be the highest in the world, having a clearance of 310 feet at its lowest point over the channel and with pier heads 774 feet high.

The estimated cost of the bridge ranges from \$17,000,000 to \$20,000,000 with the construction period fixed at four years. Tolls and other traffic imposts, it is claimed, ultimately would pay for the structure and make it self-supporting.

HIGHWAY RESEARCH BOARD TO MEET NEXT MONTH

The Highway Research Board will hold its fourth annual meeting on December 4th and 5th, 1924, in the new building of the National Research Council located at B and 21st Sts., Washington, D. C.

Thomas H. MacDonald, Chief of the Bureau of Public Roads, will present a paper on the "Financial Value of Highway Research as Applied to Road Construction." Mr. MacDonald's keen sense of judgment on all matters pertaining to highways makes this paper an important one.

The various Committees of the Board will make their reports and great interest has been aroused throughout the Country as the problems that have been assigned to each Committee are common problems to all highway executives and engineers. These reports will include the Economic Theory of Highway Improvements; Structural Design of Roads; Character and Use of Road Material; Highway Traffic Analysis; Highway Finance; Highway Maintenance, and also a report of the Special Investigation on Reinforcement in Concrete Roads.

Research apparatus that has been successfully used in various experiments will be on display. This exhibit will not only include the apparatus used in laboratories, but will include also various loadometers, traffic counters and other instruments in use on the road.

On the evening of December 4th, Mr. Herbert Hoover, Secretary of the Department of Commerce, will speak at the Highway Research dinner.

This is the one meeting of the year where there is a rounded discussion of the practical application of highway research. Highway executives and engineers will find this meeting to be one of intense interest because of the correlation of research and practice.

U. S. ANNOUNCES EXAMINATION FOR CONSTRUCTION SPECIALIST

The United States Civil Service Commission, Washington, D. C. announces an examination will be held shortly for the position of Assistant Business Specialist (Construction), paying an entrance salary of \$2400 a year. Advancement in pay may be made without change in assignment up to \$3000 a year. The examination is to fill vacancies in the Bureau of Standards and in positions requiring similar qualifications.

The duties of the position are to prepare for publication reports on seasonal operations in the construction industries, including the re-writing of articles, the checking of statistical data, and general editorial work; to supervise the collection of additional information in this field and the preparation of correspondence relative thereto, and to perform related work as required. Competitors will not be required to report for examination at any place, but will be rated on their education, training, experience, and fitness; and a thesis or discussion to be filed with the application.

Berkeley contemplates a bond issue for \$1,000,000 to finance purchase of lands for civic center in addition to erection of main library and memorial auditorium.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



A. M. Jensen, consulting engineer with offices in Fresno, will be a candidate for the office of commissioner of public works of that city at the coming municipal election. Wm. Stranahan, the present commissioner of public works, will be a candidate for re-election. Jensen was a deputy engineer for the City of Fresno in 1913 and 1914 and was a member of the commission of three engineers which investigated sewage disposal. Jensen is a graduate of the University of California engineering department. He was born in Fresno in 1889. He has done general engineering work as well as special sanitary and structural work for 15 years. Stranahan is a graduate of Cornell University school of engineering at Ithaca, N. Y., and served since his graduation not only in private and municipal engineering work but also in the United States engineering corps during the World War.

At the closing session of the annual convention of the California Retail Lumbermen's Association, held in Los Angeles Nov. 7 and 8, a resolution was adopted approving the action of certain Southern California cement manufacturers charging 25 cents per barrel more for cement f. o. b. trucks than f. o. b. cars at the mills. The resolution urged the retail dealers to order cement by the carload rather than by the truck load. A resolution was also adopted declaring that, inasmuch as the importation and use of foreign cement is proving detrimental to the California cement industry, in which many millions of capital are invested in plants which are among the largest employers of labor, "we use every legitimate effort to promote the use of California-made cement in California construction."

Moore-McKevitt, Manufacturing Co., manufacturing piston rings and wrist pins, has acquired the machinery and equipment of the Gas Motor Parts Company of San Francisco and will operate at 3109 Adeline St., Oakland. E. N. Moore Jr., formerly of the Gas Motor Parts company, and H. W. McKevitt of the McKevitt company of San Francisco, are the principal owners of the new industry.

C. D. Plumb, representing San Francisco interests, is seeking a site in Oakdale, Stanislaus county, on which it is proposed to establish a box shoo plant. A small saw mill and timber lands have been purchased near Sonora, Tuolumne county, and it is proposed to truck the product to Oakdale for finishing.

Magner Bros., paint manufacturers, 114 Ninth street, San Francisco, plan early construction of a four-story reinforced concrete factory at Napoleon street and Jerrold avenue, San Francisco. The structure will cost in the neighborhood of \$200,000. Driving of piles for the foundation will be started at once, company officials announce.

Alden W. Jackson, president of the Glenn County Lumber Co., Willows, Calif., died in San Francisco, Nov. 18. Jackson was a member of the firm of Pope & Talbot of San Francisco.

The National Surety Co. reports contractors' defaults and the amount involved, each year, where that company alone was surety, as follows: 1921, 404 claims, \$544,170.29; 1922, 423 claims, \$610,043.64; 1923, 1499 claims, \$1,801,893.71; first nine months of 1924, 1574 claims, \$1,751,355.50, making a grand total of 3900 claims totaling \$4,707,463.14. It is important to investors and to institutions contemplating the erection of buildings, the company points out, to have a bond that will (1) guarantee the erection of the building as provided in the plans and specifications and (2) leave no unpaid labor, material or other claims against the building, which may be subject to a lien.

John Lyle Harrington, New York and Kansas City engineer, has filed an application with the San Mateo county supervisors seeking a franchise to construct a toll bridge across Dumbarton Strait at the lower end of San Francisco Bay. A franchise previously granted to Harrington expired on March 22, 1923. The new franchise, it is said, is to take care of certain changes in the law governing the financing of toll bridges. The proposed bridge will be 5,500 feet in length and 24 feet wide. The cost is estimated at \$2,000,000.

The Tilden Lumber & Mill Company of Oakland has enlarged its San Joaquin valley claims by the purchase of the Sunset Lumber Company's yards and the yards of the Lucerne Lumber Company at Hanford. Fifty thousand dollars was paid for the Hanford yard, according to reports, and \$130,000 for the Fresno business. G. H. Johnson who has been associated with the Sunset Lumber Company at Fresno will continue as branch manager.

After one of the most bitterly fought campaigns in the history of San Diego, the city's electors voted by nearly three to one in favor of a bond issue of \$4,500,000 to build a reservoir on the El Capitán site on the San Diego river. A suburban irrigation district recently voted to accept an option on the site, which is claimed both by the city of San Diego and by the Cuyamaca Water Company. That phase of the dispute is in the courts.

"Custodis Chimneys" is the title of the latest catalog of the Alphons Custodis Chimney Construction Company, manufacturers and constructors of radial brick chimneys, 95 Nassau Street, New York City. This book, however, is more than a catalog. In reality it is a complete text book on chimney design.

Paul Neer, mining engineer of Nevada and Colorado, died suddenly at Durango, Mexico, Nov. 16. Neer was a graduate of the Colorado School of Mines at Golden.

Wm. Day, retired lumberman and former resident of Potter Valley, Mendocino county, died in Sacramento, Nov. 18. Day was 66 years of age.

E. T. Flaherty Company, engineers, have moved their offices from 634 I. W. Hellman Bldg., to 1277 W. Twenty-fourth St., Los Angeles.

Ira G. Hedrick, Wm. D. Smith and Lloyd G. Frost, consulting engineers, have formed a partnership, and will open offices in Portland, Ore. The firm will specialize in bridges, reinforced concrete buildings and hydro-electric development. Mr. Hedrick was formerly senior member of the firm of Hedrick & Cramers, bridge engineers, and came to Portland from the East where he enjoyed a wide reputation as a bridge engineer. Mr. Smith was formerly assistant engineer and Mr. Frost chief draftsman in the same organization.

Jas. O. Elrod, millionaire timberman and real estate operator of Portland, Ore., has been appointed by the Portland city council to fill the unexpired term of C. C. Hindman, member of the Public Dock Commission, who died a short time ago. Mr. Elrod will have about two years to serve. The other members of the commission are John H. Burgard, chairman; A. H. Averill, F. C. Knapp and Ira F. Powers.

Bids to construct the American Falls Dam at American Falls, Idaho, have been rejected by the U. S. Reclamation Service and new bids will be asked at once. The Utah Construction Company of San Francisco was low bidder on the project at \$1,548,092.

The Stewart Manufacturing Company, 4071 Hollis street, Emeryville, is having plans prepared on a one-story hollow tile plant to be erected in that city. The company manufactures hardware and accessories. The plant will cost approximately \$12,000.

Wilson Building Material Company, Ferry St., Martinez, has taken over a complete line of prepared paint and wall paper. R. R. Wilson, formerly of Walnut Creek, is manager of the company.

A. G. Wheeldon, with city engineering department of Glendale for four years, has resigned to take charge of the Glendale office of E. L. Fleming, street and road contractor.

Sunset Sanitary Manufacturing Co. of Los Angeles will erect a one-story foundry building at 911 East 62nd St., that city. The plant will cover an area of 130 by 140 feet.

Calawon Steel Products Company has taken an option on a three-acre site at Santa Ana and contemplates the erection of a plant for the manufacture of steel products.

B. F. Cambron, stockman and former sawmill operator, has purchased the Holbrook sawmill near Adin, Modoc county, and will operate under the name of Blue Lake Lumber Company.

T. Nikirk has been appointed city engineer of San Leandro, succeeding Robert Goodwin, resigned.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

COMMITTEES NAMED FOR NATIONAL CONVENTION OF BUILDERS' EXCHANGES

Preparations are under way for the entertainment of delegates to the fourteenth annual convention of the National Association of Builders' Exchanges to be held in Los Angeles, Dec. 23 to 26, 1925. Following are the committees in charge of the arrangements:

Executive Committee—Geo. L. Eastman, chairman; Godfrey Edwards, G. E. Arbogast, R. Wolfberg, W. L. Frost, Cateby Thom, Edwin A. Irish, Miss M. L. Schmidt, Herbert Reid, Walton T. Farrar, Elliott Wyman, Milo A. Baker, Frank Meline, Brook Hawkins.

Hotel Committee—Cateby Thom, chairman; Ralph E. Homann, J. N. Pattillo, J. E. Heber, Walter Simons, T. K. Partridge, Perry Meyer, Lou B. Webster, Perry Sawyer.

Reception Committee—G. E. Arbogast, chairman; Thomas Gordon, N. F. Dawson, Ray Hassett, J. C. Owen, A. C. Wright, Jerry O'Connor, Matt Bright, Charles Havens, A. T. Wintersgill, C. L. Passmore, W. E. Johnstone, E. S. Hoyt Jr., Frank Plane, Thomas H. Larson, J. C. Lee, Theodore Wolters, Fred E. Foster, Fred Lee.

Program Committee—Godfrey Edwards, Harlow B. Potter, Harley Wadsworth, G. W. Saurret, W. E. Burch.

Registration Committee—Elliott Wyman, chairman; R. Wolfberg, H. J. Graham, D. G. Bevis, J. W. Broxholme, C. W. Boswell, Townsend Woodhull, J. N. Burns, J. F. Stroup, Arthur Pinner.

Publicity Committee—W. T. Farrar, chairman; K. Grier, David Woodhead, Lyle Eveland.

Transportation Committee—Herbert Reid, chairman; Paul Penland, John Johnson, Emil Brown, Fred E. Potts, Robert Rogers, Frank Gautier, A. C. Brown, C. F. Baker, E. T. Soderstrom, George W. Frosch, Frank Barrow, J. F. Mizner, R. E. Simon, W. A. Swem, Fred J. Theriot.

Entertainment Committee—W. L. Frost, general chairman.

Banquet—Brook Hawkins, chairman; Fred S. Hughes, K. Grier, Charles Russell.

Harbor Trip—Frank Meline, chairman; W. B. Allen, Hans K. Koebig, Frank Curran, Milo Baker, Chas. C. Havens, H. T. Boesche, R. B. Young, F. J. Bolin.

Studio Trip—W. L. Frost, chairman; C. S. Van Brundt, G. A. Volby, C. T. Stallcomb, W. D. Neil.

Smag Party—Edwin A. Irish, chairman; Perry Sawyer, A. Cunod, Wm. McArthur, C. S. Bessemeyer, W. B. Bohn, James C. Hanley.

Laos Committee—Miss M. L. Schmidt, chairman.

Finance Committee—W. Lacy, chairman; Paul E. Langworthy, secretary; G. W. Saurret, Godfrey Edwards, Milo A. Baker, N. E. Dawson, J. E. Heber, Emil Brown, Joseph Specht, B. E. Bennett, Karl Whitney, J. Hokom, Thomas Haverty, E. S. Hoyt Jr., Joseph F. Mizner, Lou B. Webster, Frank Barrow, H. M. Haldeman, J. F. Gibson, H. W. McLeod, C. G. Lynch, Chas. C. Havens, Frank Curran, J. C. Owen, David Woodhead, John Johnson, Chas. L. Miller, Ralph E. Imhoff, J. A. Farnsworth Jr., A. R. Townsend, R. H. Raphael, George W. Frosch, R. Wolf-

S. F. Building Wage Scale Adopted

Establishment of a 1925 standard wage scale in the building trades for San Francisco and vicinity, which is substantially the same at that which prevailed during the greater part of 1924, is announced by the San Francisco Builders' Exchange.

"Our wage scale was adopted only after careful consideration of living costs with a desire in mind to produce steady employment for the worker," says W. H. George, president of the exchange. "Officials of the exchange believe with wages established for 1925 that homeseekers and those contemplating building will feel encouraged and that a large building program for the year will result."

Eight hours will constitute a day's work, while five and a half days will constitute a week with most of the crafts. For overtime employees will receive time and a half except on Sundays and holidays, when double time will be paid.

Following is the announced scale:

Asbestos workers	\$ 7.00
Bricklayers	10.00
Bricklayers' hodcarriers	6.50
Cabinet workers, in shop	7.00
Cabinet workers, outside	8.00
Carpenters	8.00
Cement finishers	8.50
Electrical workers	8.00
Electrical finishing hangers	7.00
Elevator constructors	8.65
Engineers, stationary	7.00
Engineers, traveling crane	7.50
Engineers, on derricks	8.00
Glass workers	8.00
Hardwood floormen	9.00
House movers	8.00
Housemiths, architectural iron	7.00
Housemiths, reinforced concrete iron workers (bridge and structural), including engineers	10.00
Labor, common (six-day week)	4.50
Laborers, skilled	5.00
Lathers	8.00
Marble setters	9.00
Marble cutters and copers	7.00

berg, G. E. Arbogast, Sylvester Weaver, William Henry, George Rogers, F. Gautier, D. G. Bevis, G. A. Volby, C. E. Baker, Miss M. L. Schmidt, Brook Hawkins, Jack Jevne, Orville Rott, C. F. Craig, W. A. Bradshaw, E. T. Soderstrom, H. S. Irwin, William Hay, Herbert Reid, Thomas Gordon, Townsend Woodhull, Elliott Wyman, S. A. Bruner, J. A. Broxholme, C. L. Passmore, Cateby Thom, Harry D. Vandever, Fred Hughes, Frank Meline, W. B. Allen, Edwin A. Irish, R. H. Ballard, Ralph Homann, A. T. Wintersgill, C. J. Kubach, Howard Frost, N. Davidson, Harley Wadsworth, Norman MacBeth, T. K. Partridge, W. Evans, Theo. Wolters, Perry Sawyer, Wm. B. Bohn, Ray Hassett, C. A. English, F. O. Toribio, James C. Hanley, Hans K. Koebig, E. V. Fallgren, Fred E. Potts, Jos. Schumacher.

National Electric Light Association will hold its 1925 convention in San Francisco, the week of June 15, bringing more than 500 men of the industry—technical, commercial and financial. Franklin T. Griffith, president of the Portland, Ore., Electric Power Company, is president of the association and A. Jackson Marshall of New York, secretary.

Marble bed rubbers	6.50
Marble polishers and finishers	6.00
Millmen, planing mill department	7.00
Millmen, sash and door	6.00
Millwrights	8.00
Model makers	9.00
Model casters	7.50
Mosaic and terrazzo workers	7.50
Painters	8.00
Painters, varnishers, polishers (shop)	7.00
Painters, varnishers, polishers (outside)	8.00
Pile drivers, wharf builders (including engineers)	8.00
Plasterers	10.00
Plasterers' hodcarriers	7.00
Plumbers	9.00
Roofers, composition	8.00
Sheet metal workers	8.50
Sprinkler fitters	7.20
Steamfitters	9.00
Stair builders	8.00
Stone cutters, soft and granite	8.00
Stone masons	8.00
Stone carvers	8.00
Stone derrickmen	8.00
Tile setters	9.00
Auto truck drivers, less than 2500 pounds	5.50
Auto truck drivers, 2500 lbs. to 4500 pounds	6.00
Auto truck drivers, 4500 lbs. to 6500 pounds	6.50
Auto truck drivers, 6500 lbs. and over	7.00
General teamsters, 1 horse	5.50
General teamsters, 2 horse	6.00
General teamsters, 4 horse	6.50
Plow teamsters, four horse	6.50
Scraper teamsters, 2 horse and 4 horse	6.00
Helpers—carpenters, electrical, elevator constructors, concrete workers, painters, sheet metal workers	6.00
Helpers—Marble setters, mosaic and terrazzo workers, and tile setters	5.50
Plasters' hodcarriers, bricklayers' hodcarriers, roofers' laborers, holting engineers and steamshovel firemen to start fifteen minutes before other workmen, both at morning and at noon.	

"DUKE" TILDEN, LUMBER KING, TO TREAT RICHMOND BUILDERS

E. M. "Duke" Tilden, lumber magnate and a member of the Richmond Builders' Exchange, two years ago declared that when the membership of that organization reached 100 he would buy a feed for the entire membership.

At the last meeting of the exchange, Tilden was officially notified that "feeding time" had arrived with the result that committees were appointed to prepare a bill of fare that would make the menu at the Biltmore look like a hand-bill alongside 50 by 50 foot bill-board.

The feed, according to L. C. Dexter, secretary of the exchange, is scheduled for Friday evening, December 5.

HIGHWAY BODY ELECTS OFFICERS

Members of the Victory Highway Association, in annual meeting at Topeka, Kansas, elected a board of directors including men from San Francisco to Indianapolis. In addition to five Topekan, the new directors are: Marshall Hale, San Francisco; W. H. Goodin, Lovelock, Nev.; Wesley King, Salt Lake City; W. H. Loomis, Kansas City, Mo.; F. W. A. Vespere, St. Louis, Mo., and Albert E. Metzger, Indianapolis. The association sponsors a highway from New York City to San Francisco.

DEFAULTED HIGHWAY CONTRACTS TO BE DISCUSSED

Chas. M. Upham, Director of the Highway Research Board, has prepared a strong program for the fourth annual meeting of the Board to be held December 4th and 5th, at Washington, D. C. Among the many important topics to be discussed is that of defaulted highway contracts.

Many highway executives have recently shown considerable anxiety because of the number of highway contractors who have defaulted their contracts. Unless something is done to prevent the increasing number of defaulted contracts, the state, contractor, bonding company and material men are all bound to be losers.

There are always present those who try to do more than they are capable of, and this statement holds true for highway contractors as well as in other callings. While many time unforseen elements creep into the job and force the contractor to abandon the work, it has been pointed out that much time and money could be saved if the contractor were fully aware of the hidden dangers that confront him, and also that he would be held to a strict performance of the work. Lack of finances, equipment and knowledge of the class of work undertaken are main reasons for many of their defaults.

There is, however, another phase of the problem, and that is the relation of the bonding companies to the contractor.

Thomas H. MacDonald, Chief of the Bureau of MacDonald, Chief of the Bureau of MacDonald, hold to the belief that the bonding companies should make a more careful study of bonds. Many contractors take a job and expect that they can pay for their equipment, carry their payroll, and at the same time make a profit. Very often the contractor who does not have a cash reserve is forced to abandon the work because of his inability to meet his current expenses. Mr. MacDonald's suggestion that the best remedy, so far developed, is the practice of several states in requiring the contractor to have a certain balance, or some other definite financial arrangement, before the contract is awarded. This is sound business and would minimize the number of contracts defaulted. Of course, this does not mean that there should be a fixed amount of money available, but rather that the amount should vary with the size and class of the contract to be undertaken.

EX-RAYS IN CONSTRUCTION

X-Rays have been successfully used in building aeration works at Schenectady, N. Y., in ascertaining the location of pipes and timbers within the floor. This information the contractor obtained quickly, without disturbing the structure, by the use of a new portable X-Ray apparatus which, with an operator, was placed on the floor of the room below. An observer in the room above examined the floor with a fluorescent screen by means of which the pipes and timbers were seen distinctly. To use this apparatus it is only necessary to connect an ordinary extension cord to the nearest socket of the house circuit; X-Rays are then produced by pressing the switch. Since the outfit is in a metal container within a leather-covered wooden case, there is no high-voltage hazard. The outfit is grounded to the container. With the specially designed transformer and tube the entire apparatus is mounted in a box about 6½x10½x8¾ in. and weighs only about 20 lbs. This new apparatus has been developed by Dr. W. D. Coolidge at the laboratories of the General Electric Co.—Engineering News-Record.

U. S. Commerce Department Compiles Dependable Plumbing Code

A cash saving and assurance of sanitary precautions for every plumbing installation have been made possible by the recommendation of the Subcommittee on Plumbing Codes appointed by Secretary of Commerce Hoover. The Committee's recommendations, which may be adopted by any State or municipality, help to make governing plumbing standards, leading to higher living standards, better health and less household drudgery, the report says.

This report may be truly termed a "people's plumbing code", and is the first real government recognition given to the business of plumbing in the United States, according to William C. Groeniger of Columbus, Ohio, a consulting sanitary engineer of long standing, and a member of the subcommittee. He states that the recommendations of the Department of Commerce committee are thoroughly dependable since they rest on a background of scientific tests, and that a State or city code following them will "protect the public from insanitary plumbing and the influence of harmful surroundings caused by reckless competition, the use of cheap and defective material, and improper installation, through regulation of the location, construction, installation and inspection of plumbing". In the opinion of Mr. Groeniger, the importance of plumbing in modern life is not generally appreciated today. "Go back thirty years," he says, "or even twenty years and compare women's work then and today and it will be found that most of the drudgery existing has been eliminated by the plumbing system. Hot and cold water for drinking, bathing and domestic purposes is conveniently arranged for use in the laundry, kitchen, bath and bed rooms. Domestic and body wastes are swiftly and safely removed from the immediate premises by the drainage system. Labor has been reduced, comfort and conveniences added and personal cleanliness simplified, pure water supplied, foul odors, unhealthful conditions and the elements favorable to the origin and development of disease have been removed. "But in the case of second class drainage and plumbing systems," warns Mr. Groeniger, "discomfort, inconvenience, cost of repairs, foul odors, insanitary

and unhealthful conditions result, and the occupant must pay for them. Sanitary plumbing is of more real value than medicine. A plumbing system stands for cleanliness, and cleanliness means healthfulness."

Summing up the report, Mr. Groeniger believes the model regulations framed by the committee are:

- (1) Dependable as a code that will insure the health of the people and prevent insanitary and unhealthful conditions.
- (2) Dependable because it is scientifically practicable insuring the greatest protection of health at a minimum cost.
- (3) Dependable because it gives the same protection to those in the rural and urban districts as it does to those in the populated cities.
- (4) Dependable because it is a people's plumbing code written entirely in the interest of what is good for the people.
- (5) Dependable because it eliminates the inconsistencies, indifference, local pride and prejudice found in many existing codes, and
- (6) Dependable because it recognizes that good plumbing is a matter which concerns health and the government has the right to protect the people's health.

To eliminate complications, confusion, ill-advised specialties, inconsistencies and lack of impartial enforcement of the varied plumbing codes throughout the United States, it had long been felt that a standard code was necessary to serve all communities alike. But there appeared to be no practical way of framing a standard code, and it was urged on Secretary Hoover that the Department of Commerce initiate the work. He appointed a committee, exhaustive tests were made at the Bureau of Standards, and the report is the result. Although small and minor changes and additions may be necessary in various sections to suit climatic and other local conditions, the principles underlying plumbing science and sanitation are in the main the same everywhere and need to be recognized in local plumbing regulations.

Foreign Workers Coming to the U. S.

The labor shortage in the building trades has been relieved somewhat this year owing to the fact that for the fiscal year ending June 30, 1924, thirty-eight per cent more skilled mechanics entered the country than were admitted the year previous, according to a report recently issued by the United States Bureau of Labor Statistics. It is estimated that approximately 35,000 men are required each year to replace

those that die or retire. On account of the new immigration law, which became operative July 1, this year, it is likely that there will be a decided falling off in the number of skilled workers admitted during the fiscal year ending June 30, 1925.

The following table shows the rates of the increases in the five crafts reported by the Bureau of Labor Statistics:

	Immigration in Year Ending June 30, 1923	Immigration in Year Ending June 30, 1924	Percentage of Increases in Year Ending June 30, 1924
Carpenters	12,295	16,420	33½
Carpenters & joiners	3,276	3,937	54
Bricklayers & masons	2,559	3,937	54
Painters & glaziers	508	760	52
Plasterers	1,197	2,080	74
Plumbers			
Total	20,658	28,658	38

PUBLICATIONS

Here, There and Everywhere

(Special Correspondence)

The American Society for Testing Materials book of tentative standards for 1924 is off the press. The volume comprises 763 pages and contains 185 tentative standards relating to steel and wrought iron, non-ferrous metals, cement, lime, gypsum and clay products, preservative coatings, petroleum products and lubricants, road materials, coal and coke, timber, waterproofing and insulating materials, shipping containers, rubber products, textile, and other materials. The standards and tentative standards of the American Society for Testing Materials are recognized as authoritative in the field of engineering materials. The volume is available at the price of \$7 in paper and \$8 in cloth binding.

Steel Square Pocket Book, third edition, by D. L. Stoddard, is off the press. It is a handy reference book that tells the best methods of using a square, how to lay off braces, how to cut stair strings, and how to find length of rafters. Jack rafter cutting also is explained. Chapters on finding the number of shingles for roof and finding rows of siding required are included. The Steel Square Pocket Book, \$1, cloth bound, is published by the U. F. C. Book Company, 239 West Thirty-ninth street, New York City.

Johns-Manville Transite Asbestos Roofing and Siding is described and illustrated in a new booklet published by Johns-Manville, Incorporated, New York. Transite corrugated asbestos is a roofing and siding material for the skeleton frame type of construction and is composed of two basic materials, asbestos fibre and Portland cement. Its advantages and method of application are fully described in this new bulletin.

William E. Scaife & Sons Company, Oakmont, Pennsylvania, has issued Bulletin No. 194, "Scaife Scientific Water Purification for all Purposes." The bulletin deals with the subject of filtration in general and contains a number of illustrations of typical filter installations for domestic and industrial uses, as well as tables of sizes and capacities of filter units.

The Mellon Institute of Industrial Research, University of Pittsburgh, Pittsburgh, Pa., has issued an illustrated 8-page booklet on "Adaptability of Title to Hospital Requirements," by Carl H. Geister. Copies will be furnished to architects, construction engineers and builders on request.

The Goulds Manufacturing Company, Seneca Falls, New York, is distributing a folder describing and illustrating 4 installation of Goulds pumps.

WOOD PRESERVING IN 1923

The Department of Commerce announces that, according to data collected at the biennial census of manufactures, 1923, the establishment engaged primarily in the treatment of wood to prevent decay and for protection against fire, etc., reported products valued at \$1,032,869, an increase of 49.9 per cent as compared with 1921, the last preceding census year.

Of the 103 establishments reporting for 1923, 11 were located in Illinois, 7 each in Louisiana and Texas, 6 each in Indiana and New York, 5 each in Georgia, Mississippi and Ohio, 4 each in Missouri, New Jersey, Oregon, Pennsylvania, Virginia, and Washington, and the remaining 27 in 15 other States.

The total value of building permits issued in twenty-five of the larger cities of the country during the first nine months of this year exceeds that of the same period last year by about \$144,000,000, according to a survey recently made by S. W. Straus & Co. Twenty of the twenty-five cities show a gain over the first nine months of last year. The greatest increase being in New York where the permits this year exceed in value those of 1923 by approximately \$106,000,000. Detroit also has experienced a big building boom and has paid up an excess of about \$25,000,000 over last year. Of the five cities where permits have fallen off, Chicago heads the list with a loss of about \$31,000,000; Los Angeles is next with \$28,000,000; Washington, D. C. is about \$5,500,000 under last year, while St. Louis shows a loss of \$5,000,000. Cincinnati completes the list and is approximately \$600,000 under last year. The permits issued in September this year in the twenty-five cities exceed in value those of last September by approximately \$12,000,000.

The United States Gypsum Company has started a campaign to educate prospective builders in methods of building during inclement weather. Data assembled by the Gypsum Company shows that building costs in winter are materially less than those in summer. Completion is quicker, materials are cheaper, labor is more efficient, easier to find and less exacting as to wages. Contractors who employ men the year round are not confronted with demands for bonuses and extra wages as are demanded when the industry is working on an eight-months-out-of-the-twelve basis. In the survey made by the Gypsum Company on one building costing \$750,000 it was estimated that \$87,712 was saved by winter construction, while the total cost of protecting it from weather was only \$3863. It was found on this particular operation that the efficiency of the bricklayers increased approximately 18 per cent.

A city ordinance is being prepared in Los Angeles that will require all building contractors to be licensed. The proposed ordinance is understood

to have the approval of practically all of the associations allied with the building industry in the city. The Southern California Chapter of the Associated General Contractors of America has not taken action on the proposed regulation and it is understood that several members are opposed to it on the grounds that licensing building contractors by municipalities is only a makeshift and they are in favor of going before the legislature in an endeavor to have a state law enacted to cover the situation.

The year 1924 will go down in history, not so much because of the building records it will have broken, as for the wasteful, costly and out-of-date precedents, usages and trade customs it has seen demolished, is the opinion expressed by Allen E. Beals writing in the current Dow Service Daily Building Reports. It has seen trade purging processes applied to certain branches of the building trades with a vigor and righteousness that has surpassed the most sanguine expectations of its proponents, and as the year passes into history it hears the call from other trades for similar purification and ennoblement.

Building costs throughout the country are well stabilized according to a recent survey made by S. W. Straus & Company. The report says, "A number of the current indices of construction costs indicate a further slight decline during September. The decline is variously measured from slightly under one to about one and three-quarters per cent, and is attributed largely to continued weakness in the steel and lumber markets. Comparative stabilization exists in the starting materials market. Sand, gravel and crushed stone show a few changes, though increased firmness has been evidenced in a number of places."

The United States Supreme Court recently handed down an important decision when it reversed a ruling of the Circuit Court of Appeals of the Seventh District, which held that trial by jury was not a matter of right of employees charged with contempt of court for violation of injunctions arising out labor disputes.

CEMENT PRODUCTION IN 1923

The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of Portland, natural, puzzolan, and high-temperature cements in that year reported a total production valued at \$285,050,551, an increase of 40 per cent as compared with \$203,626,929 in 1921, the last preceding census year. The quantities and values of the principal products were as follows: Portland cement 137,460,238 barrels valued at \$27,732,025, an average of \$2.03 per barrel; natural and puzzolan cement 125,465 barrels valued at \$2,061,894, an average of \$1.63 per barrel.

Of the 133 establishments reporting for 1923, 23 were located in Pennsylvania, 14 in Michigan, 12 in New York, 9 in California, 8 in Kansas, 7 in Ohio, 6 in Alabama, 5 each in Illinois, Indiana, Iowa, Missouri, and Texas, and the remaining 34 in 15 other States.

LIME PRODUCTS IN 1923

The Department of Commerce announces that, according to reports for the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of lime products in that year reported a total output valued at \$47,245,756, an increase of 52.3 per cent as compared with \$31,015,487 in 1921, the last preceding census year. The total production for 1923 comprised 2,510,283 tons of dry lime valued at \$25,633,305; 1,255,562 tons of hydrated lime valued at \$13,851,455, 2,926,735 tons of limestone sold as such, valued at \$3,515,631; and miscellaneous products—crushed stone, ground limestone, flux, etc.—to the value of \$4,189,365.

Of the 333 establishments reporting for 1923, 68 were located in Pennsylvania, 33 in Virginia, 24 in Wisconsin, 22 in Ohio, 18 in Missouri, 14 in New York, 13 in Tennessee, 11 in Alabama, 10 each in Maryland and Massachusetts, 9 each in California, Illinois, Indiana, and Vermont, and the remaining 74 in 24 other States.

Building News Section

APARTMENTS

Plans Being Prepared. Cost, \$37,000
APARTMENTS
 SAN FRANCISCO, N Filbert W Van Ness.
 Three-story and basement frame and stucco apt. house (7 2-room and 5 3-room apts.).
 Owner—Withheld.
 Architect—R. R. Irvine, Call Bldg., San Francisco.
 Work will be done by days labor and segregated contracts, as the owner is contractor.

Contract Awarded.
APARTMENTS Cost, \$22,000
 SAN FRANCISCO, N Fell St. 82-6 E Eucharist St.
 Two-story and basement frame apartment building (16 apts.).
 Owner—R. Monson, 240 46th Ave., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
 Contractor—A. Monson, 640 46th Ave., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$28,000
 SAN FRANCISCO, N Filbert W Van Ness Ave.
 Three-story and basement frame and stucco apartment with tile (6 and 4-room apartments).
 Owner—Withheld.
 Architect—R. R. Irvine, Call Building, San Francisco.
 The owner is a contractor and will do the work by day's labor and segregated contracts.

Contracts to be Awarded Shortly.
APARTMENTS Cost, \$75,000
 SAN FRANCISCO, E Hyde St., bet. Greenwich and Lombard Sts.
 Six-story steel frame apartment building (1 apt. to each floor).
 Owner—Frank E. Lorigan.
 Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

Plans Being Figured.
APTS. & RESIDENCE Cost, \$20,000
 SAN FRANCISCO 22nd St. near Dolores
 Three-story frame and stucco apartment house (3 3-room apts. and 1 7-room residence).
 Owner—John P. Cosgrove.
 Architect—Powers & Ahnden 460 Montgomery St., San Francisco.
 Bids are being taken for a general contract.

Plans Complete—To Be Done By Day's Work.
APARTMENTS Cost, \$50,000
 SAN FRANCISCO, 24th Ave. and Fulton Street.
 Three-story frame and brick veneer apts. (12 3-room apts.).
 Owner—H. O. Indeman, 619 27th Ave., San Francisco.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Completing Plans—Segregated Figures To Be Taken Next Week.
APARTMENTS Cost, \$55,000
 SAN FRANCISCO, Lombard & Octavia Streets Corner.
 Three-story and basement frame, (stucco and brick veneer (12) apts.).
 Owner—W. S. Hoffman.
 Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APTS. & GARAGES Cost, \$40,000
 SAN FRANCISCO, SE 22nd Ave. and Calhoun.
 Three-story and basement frame brick veneer apartment house; 1, 2, and 3-room and garage with tile roof.
 Owner—Withheld.
 Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$50,000
 OAKLAND, Alameda Co., Cal., Lake-shore & Lake Park Aves.
 Three-story frame and stucco store and apartment house (twelve 2 & 3-room apartments).
 Owner—L. B. Hoge, 453 Lagunitas Av., Oakland.
 Architect—Schirmer Bugbee Co., Thayer Bldg., Oakland.

BONDS

SANTA CRUZ, Santa Cruz Co., Cal.—Pacific School District voted bonds of \$20,000 to finance erection of new grammar school. Chas. Bella, Albert Gregory and Mrs. Lena Garavanta are trustees of the district.

BERKELEY, Alameda Co., Cal.—City Council John N. Eddy, city manager, contemplates bond issue for \$1,000,000 to purchase land for civic center, est. cost, \$250,000; land for park in south central part of city; erection of main library on site of present library; wharf improvements and repairs; memorial auditorium, \$250,000.

SAN BERNARDINO, Cal.—San Bernardino county voted against issuing \$850,000 bonds for new courthouse. A. G. Kendall, chairman of Board of Supervisors, announces that plans will probably go ahead at once for an addition to present building for which a portion of funds are available. Bids for this work were taken last year and rejected, pending outcome of Nov. 4 election.

SAN LUIS OBISPO, Cal.—County Supervisors sell \$30,000 bond issue of Coast Union High School District; proceeds of sale to finance school improvements.

ARCATA, Humboldt Co., Cal.—Arcata Grammar School District votes bonds of \$70,000 to finance construction of new grammar school; 554 for issue and 54 against.

SAN PABLO, Contra Costa Co., Cal.—Election will be held Dec. 9 in San Pablo School District to vote bonds of \$45,000 for school improvements; previous election defeated by narrow margin. Trustees of district are: M. G. Moitoza, Henry G. Soito and Lawrence M. Silva.

HAWTHORNE, Los Angeles Co., Cal.—Jefferson school dist. affirmed \$18,000 bond issue at election Nov. 7 for addition to Jefferson school on Fir St. and Harding school on Freeman Ave. Definite plans not adopted. Jas. H. Beatley, clk., R. 7, Box 464, Inglewood.

HAWTHORNE, Los Angeles Co., Cal.—Lawndale school dist. affirmed \$44,000 bond issue at Nov. 7 election for new school in S. end of district. Definite plans not adopted. Mrs. Georgia C. Wade, clk., Box 23, Lawndale.

PHOENIX, Ariz.—School dist. No. 1, Maricopa county, has called election for Dec. 12, at which time it is proposed to vote \$50,000 for school improvements in Phoenix. W. B. Twitchell, pres.; L. D. Dameron, clk.

MANTECA, San Joaquin Co., Cal.—Manteca Elementary School District contemplates erection of new junior high school. A committee has been appointed to secure estimates of cost for such a structure. H. R. Fewell heads committee. Bonds will be voted to finance construction.

CHURCHES

Sub-Contracts Awarded.
CHURCH Cost, \$289,960
 OAKLAND, Alameda Co., Cal. Twenty-sixth and Harrison Sts.
 Class A church building, reinforced concrete and structural steel auditorium (plaster exterior).
 Owner—First Congregational Church. Architect—John Galen Howard & Associates, First National Bk. Bldg., San Francisco.
 Contractor—Clinton Construction Co., 923 Folsom St., San Francisco.
 Reinforced Steel—Steel Service Co., 1280 Indiana St., S. F.
 Excavation & Road Wk.—Ariss-Knapp Co., 477 Rich St., Oakland.
 Structural Steel—Ralston Iron Works, 20th & Indiana Sts., S. F.
 Sheet Metal—Walter Mork, Bristol & San Pablo, Berkeley.
 Misc. Iron—Pacific Iron Works, 1155-57th St., Oakland.
 Painting—W. H. Pollard, Jr. 1804 Harrison, Oakland.
 Metal Windows—Hope's Steel Casements, 693 Sutter St., S. F.
 Plumbing—Scott Co., 331 11th Street, Oakland.
 Heating—James A. Nelson, 517 Sixth St., S. F.
 Electrical—Spencer Electric Co., 320 12th St., Oakland.
 Millwork—National Mill, High and Tidal Canal, Oakland.

UPLAND, San Bernardino Co., Cal.—Arch. Robert H. Orr, 1300 Corporation Bldg., Los Angeles, has completed working plans for a 1-story and basement church, at Upland, for First Memorial Church. J. C. Mehl, chr. bldg. comm. Redlands; auditorium to seat 500, balcony, classrooms, social hall, kitchen, 68x110 ft., br. veneer and frame constr., press. br., tile flg., comm. and hardwd. flg., gas htg., svs. water htr., pine trim. Owner taking bids.

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Firedoors, Freight Elevator, Garage and Warehouse Doors, Fold-up Doors, TI-co-dors, Cobaldors, Wal-el-dors.—St. Louis Fire Door Co.

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FACTORIES & WAREHOUSES

Sub Figures Being Taken
BAKERY PLANT Cost, \$100,000
BERKELEY, Alameda Co., Cal., NE Bonar and Allston Sts.
 One-story brick bakery plant.
 Owner—R. B. Ward & Co., Inc., Los Angeles.
 Architect—John Cooper, Marsh-Strong Bldg., Los Angeles.
 Sub-figures may see plans on the site.

Plans Complete
FACTORY Cost, \$100,000
SAN FRANCISCO, 12th St. 73 N Folson.
 Two-story concrete factory bldg., (glue and soap works)
 Owner—Louis Lurie, 315 Montgomery St., S. F.
 Lessee—California Glue, Soap & Tallow Co.
 Architect—O'Brien Bros., 315 Montgomery St., S. F.

Low Bidder
BUILDING Cost, \$—
SAN FRANCISCO, Clay and Sansome Streets.
 Six or 7-story reinforced concrete loft building.
 Owner—Zellerbach Paper Co., S. F.
 Architect—O'Brien Bros., 318 Sansome St., San Francisco.
 Contractor—John Spargo, Russ Bldg., San Francisco.

Sub-Contracts Awarded
BUILDINGS Cost, \$120,000 Approx.
EMERYVILLE, Alameda Co., Cal. Bk. bounded by Hillis St., 45th and Stanford Aves.
 One-story reinforced concrete building (1st unit of a group of about six buildings consisting of storage yards, warehouse, machine and electrical shops, foundry, laboratory buildings, metal shop and spur tracks.)

Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
 Architect—Eng. Dept. of Owner.
 Contractor—Andrgen-Swinerton Co., Standard Oil Bldg., S. F.
Iron to Independent Iron Co., Ltd., 1824 Chase St., Oakland.

Steel Rolling Doors—V. S. Persons, Hearst Bldg., San Francisco.
Painting—R. Zelinsky, 693 Mission St., San Francisco.

Reinforcing Steel—Edw. L. Soule, Rialto Bldg., San Francisco.
Stairwork—L. S. Peirano, 60 13th St., San Francisco.

Plumbing—Fearey & Moll, 1075 40th St., Oakland.

Sheet Metal Work—Forderer Cornice Works, 269 Potrero, San Francisco.
Steel Sash—Detroit Steel Products Co., 68 First St., San Francisco.

Lumber—McCallum Lumber Co., 748 Bryant St., San Francisco.
Mastic Flooring—Mallot & Peterson, 351 12th St., Oakland.

Glass & Glazing—Crowe Glass Co., 574 Eddy St., San Francisco.
Mill Work—Pacific Mfg. Co., 177 Stevenson St., San Francisco.

Heating—H. G. Newman Co., 2004 Telegraph Ave., Oakland.
 Rock, Sand, Gravel & Roofing to be awarded shortly.

Plans Being Figured—Bids Close Dec. 4, 1924, 2 P. M.
WAREHOUSE Cost, \$500,000
SAN FRANCISCO, China Basin.
 Two-story reinforced concrete terminus of the Engineer's Office.
 All warehouse (building designed for 6 stories).
 Owner—State Ed. of Harbor Comm.
 Engineer—Frank G. White, Ferry Bldg., San Francisco.
 Bids are being taken for a general contract. Plans may be obtained from

Contract Awarded
MORTAR PLANT Cost, \$12,000
SAN FRANCISCO, De Haro & Division Streets.
 Four-story frame mortar plant.
 Owner—Holmes Lime and Cement Co., 425 Kearny St., San Francisco.
 Architect—W. H. Crim, Jr., & Hamilton Murdock, 425 Kearny St., S. F.
 Contractor—Kincanon & Walker, Russ Bldg., S. F.
 Contract is for \$6095 and does not include grading, concrete and plumbing.

Date of Opening Bids Postponed to
 Dec. 2, 1924, 2 p. m.
SHOP BLDGS. Cost, \$—
NAMPA, Idaho.
 Group of 17 one-story steel, brick, concrete, hollow tile, wood and corrugated iron car repair shop buildings.
 Owner—Pacific Fruit Express Co., Southern Pacific Bldg., S. F.
 Engineer—Eng. Dept. of Owner, Room 240 Southern Pacific Bldg., S. F.
 Plans may be obtained from the Engineering Department.
 Figures are being taken for a general contract.

Contracts Awarded
FACTORY BLDGS. Cost, \$175,000
SAN FRANCISCO, Mission and Bond Streets.
 Five-story reinforced concrete factory building.
 Owner—Speyer & Schwartz.
 Architect—S. Heiman, 57 Post St., San Francisco.

General Contract
 Cahill Bros., Sharon Bldg. \$115,782
 Louis Cohn 116,900
 Clinton Constr. Co. 117,500
 MacDonald & Kahn 117,548
 Barrett & Hips 132,800
 Palmer & Clinton 139,060

Plumbing
 J. Camp & Co., 218 Grove St. 4,887
 Jas. H. Pinkerton 5,110
 W. F. Wilson 5,169
 Lawson & Drucker 5,430

Steel Sash
 Michel & Pfeffer, 1415 Harrison St. 3,819
 Fenestra Steel Sash Co. 4,502
 S. U. Metal Products 4,892
 Truscon Steel Co. 4,908
 Add 515

Electrical Work
 Michel & Pfeffer Iron Works, 1415 Harrison St. 6,095
 Federal Orn. Iron & Bronze Works 6,789

Shipman & Lauer, 1318 Polk St. 7,100
 Buzzell Electric Works 7,117
 California Elec. Constr. Co. 7,220
 Globe Elec. Works 7,229
 Elevators not decided.

Planned
FACTORY Cost, \$200,000
SAN FRANCISCO, Napoleon St. and Jerrold Avenue.
 Four-story reinforced concrete factory building with pile foundation.
 Owner—Magner Bros (Mfrs. Paint and Oil), 114 9th St., San Francisco.
 Architect—To be Selected Shortly.
 Permit for pile driving has been applied for.

Sub Figures Being Taken
BAKERY PLANT Cost, \$10,000
BERKELEY, Alameda Co., Cal., NE Bonar and Allston Sts.
 One-story brick bakery plant.
 Owner—R. B. Ward & Co., Inc., Los Angeles.
 Architect—John Cooper, Marsh-Strong Bldg., Los Angeles.

Bids Being Taken
BAKERY & OFFICE Cost, \$110,000
SACRAMENTO, Cal. Fifteenth and R Streets.
 Two-story reinforced concrete bakery and office building.
 Owner—Perfection Bread Co.
 Architect—Leonard F. Starks, Ochsenr Bldg., Sacramento.
 Bids are being taken for general contract.

Bids in—Contract to be Awarded Next Week
BUILDING Cost, \$7,000
RICHMOND, Contra Costa Co., Cal. 13th St. and Macdonald Ave.
 One-story brick and reinforced concrete Class A building (dyeing and cleaning plant).
 Owner—P. M. Black of Black's Cleaning & Dyeing Works, 923 Macdonald Ave., Richmond.

LOS ANGELES, Cal.—H. A. McMurphy, 714 Story Bldg., is completing working plans and has contract for 6-story, reinf. conc. class A side add to warehouse, at 6372 Santa Monica Blvd., for Premier Fireproof Storage Co.; stores, private locker rooms, general storage space, 75x100 ft., plas. facing, cem. fls., comp. rfs., basement, pine trim, steel sash.

LOS ANGELES, Cal.—Archts. Eckel & Aldrich, St. Joseph, Mo., are completing plans for 7-story and basement class A manufacturing plant at s.w. cor of Industrial and Mateo Sts., for National Biscuit Co. Messrs. Geo. Eckel and E. J. Eckel of the architectural firm are at the Biltmore Hotel and will remain here to award contracts and supervise the erection of the bldg. Dimensions, 251x193 ft., steel frame, brick filler walls, press. brick facing, terra cotta trim and cornice, granite base course, steel and wood sash, reinf. conc. fls., 2 elevators, maple fls. over concr.

SANTA ANA, Orange Co., Cal.—Calawon Steel Products Co., J. E. Longgren, organizer, care of C. F. Freeland, Merritt Bldg., Los Angeles, has taken option of 3-acre site at Santa Ana where erection of factory is contemplated. Constr. details not decided. Work will not start before 60 days.

SAN BENARDINO, San Bernardino Co., Cal.—Associated Warehouse & Truck Co., H. C. Shaw, pres., will build 2-story, reinf. concr. storage warehouse, 20x125 ft., at D. St. and Rialto Ave.; \$130,000.

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LOS ANGELES, Cal.—Arch. John M. Cooper, 321 Marsh-Strong Bldg., is preparing sketches for a height limit class A furniture bldg., to be located near 8th and Crocker Sts., for the Los Angeles Furniture Manufacturers' Assn., N. Y. Stockwell, pres., 400 S. Alameda St. A site has not been definitely decided upon and at this time there is no details available. Will mature in about 90 days.

LOS ANGELES, Cal.—Austin Co. of Calif., 777 E. Washington St., has completed plans and has contr. for 1-story and mezzanine fl. foundry at 911 E. 62nd St. for Sunset Sanitary Mfg. Co.; 130x140 ft., steel fr., comp. rfg., corr. iron walls, conc. fls., monitor fr. constr., steel sash, wire glass; \$65,000.

OKDALE, Stanislaus Co., Cal.—C. D. Plumb of San Francisco has been in Okdale looking over prospective sites on which he proposes to establish a box shock factory. Interests represented by Plumb recently purchased a saw mill and timber lands just above Sonora. It is proposed to truck the product from Sonora to Okdale for finishing.

CORONA, Riverside Co., Cal.—Arch. Robert H. Orr, 1300 Corporation Bldg., has completed working plans for a 2-story and part 3-story reinf. conc. office and warehouse bldg. at Corona for Lemon Products Co.; 32x100 ft., plas. ext., comp. rfg., cem. fls., steel sash, wire glass, gas htg., rf. vents. Owner is taking bids.

FRESNO, Fresno Co., Cal.—R. F. Harbers, manager of the Coca Cola Bottling and Distributing Co. of Fresno, announced company will spend \$55,000 in expansion program; will erect part one and part two-story brick and concrete addition; est. cost, \$115,000.

WILLITS, Mendocino Co., Cal.—W. H. Slankard of Branscom, Calif., is conferring with local business interests regarding the establishment of a furniture manufacturing plant in Willits. George Frueh of San Francisco is reported to be interested in the venture. Willits businessmen are expected to raise \$10,000 to secure the plant.

SAN FRANCISCO—As previously reported, bids will be received up to Dec. 4, 2 P. M., by State Board of Harbor Commissioners, Ferry Bldg., to construct two-story reinforced concrete terminal warehouse at China Basin; est. cost, \$500,000. See call for bids under official proposal section in this issue.

LOS ANGELES, Los Angeles Co., Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., have been commissioned to prepare plans for limit-height reinf. conc. warehouse and loft bldg. at s. e. cor. 11th and Los Angeles Sts. for Italian Vineyard Co., to be occupied by Klein-Norton Co.; 60x140 ft.

SAN DIEGO, San Diego Co., Cal.—McClintock Warehouse Co., H. R. McClintock, has purchased property n. of Union station as site for 6-sto. and basement reinf. conc. warehouse; \$350,000.

UPLAND, San Bernardino Co., Cal.—Upland Citrus Assn., P. H. Norton and Wm. F. Naffel, has applied for permit to build new conc. packing house on 3rd Ave.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., are taking bids for a 4-story and basement class A reinf. conc. warehouse at San Fernando Rd. and Barranca St., for W. P. Fuller & Co. Dimen., 200x200 ft., stucco ext., cast stone entrance trim, steel sash, metal skylights, 4 elevators, steam htg.; \$350,000.

OAKLAND, Alameda Co., Cal.—The Lyon Warehouse Company, Oakland, has purchased property consisting of block of land taking in Eleventh St., Twelfth St., Twenty-ninth Ave., running toward 28th Ave., Oakland, opposite the Montgomery Ward Company, where a fire-proof furniture storage warehouse will be erected by contractor F. A. Muller, Syndicate Bldg., Oakland. The plans as to type of construction and approximate cost of the building have not been definitely decided, and an architect has not yet been chosen. Further information will be reported at a later date.

FLATS

Segregated Figures Being Taken By Owner.

FLAT BLDGS. Cost, \$12,000 each
SAN FRANCISCO, W 33rd Ave. betw. Geary and Clement Sts.
Three 2-story and basement frame and stucco flat bldgs. (2 6-room flats in each)
Owner—J. Phelan, 519 14th Avenue, San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Owner Taking Figures
FLATS Cost, \$12,000
SAN FRANCISCO, E 23rd Ave. 200 S. Geary
Two-story and basement frame (4) flats.
Owner—Paul & Howard Hoots, 775 41st Ave., S. F.
Architect—E. E. Young, 2002 California St., S. F.

Plans Being Prepared.
FLATS & GARAGES Cost, \$15,000
SAN FRANCISCO, 17th Ave. bet. Cab-rillo.
Two-story and basement frame and brick veneer bldg. with reinf. roof (2 6-room flats and garages).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

GARAGES

Low Bidder.
GARAGE Cost, \$10,800
OAKLAND, Alameda Co., Cal. Broadway near 24th St.
One-story brick commercial garage.
Owner—A. W. Kiel, 510 Lake Park Ave., Oakland.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Low Bidder—Murch-Williams, Fox Theatre Bldg., Oakland.

MADERA, Madera Co., Cal.—Until Dec. 2, 2 P. M., bids will be received by L. W. Cooper, county clerk, to erect one-story concrete block garage at the county hospital grounds. Cert. check 10% payable to clerk req. Plans on file in office of clerk.

To Be Done By Day's Work and Sub Contracts.

GARAGE Cost, \$10,000
SAN FRANCISCO, E Hoff Ave. 123 N. 17th.
One-story brick private garage.
Owner—Farrar & Carlin, 185 Stevenson St., San Francisco
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Completing Plans—Bids to be Called in About Two Weeks.
STORE, ETC. Cost, \$75,000
SACRAMENTO, Sacramento Co., Cal. NE Eighteenth and M Sts.
One-story and mezzanine floor reinf. forced concrete store and garage.
Owner—Arnold Bros.
Architect—Leonard F. Starks & Co., 1010 1/2 8th St., Sacramento.

POINT SAINT GEORGE, Del Norte Co., Cal.—Bids were received at the Public Works Office, Navy Yard, Mare Island, California and opened at 11 o'clock A. M. November 19th, 1924, for a concrete and frame garage at Radio Compass Station, Point Saint George, under specification No. 5035. Only two bids were received, as follows:
L. R. Painter, Crescent City, \$1,600
—45 days. Chester Cutting, Crescent City, \$2150—45 days.

LOS ANGELES, Cal.—John M. Cooper 321 Marsh-Strong Bldg., awarded contract for all work complete for truck storage and service plant at Alameda St., Long Beach Ave., and 21st St., for Mack-International Motor Truck Co., 1928 E 7th St. L-shaped, 2-story, reinf. conc. bldg., 250x300 ft., 1-story class C brick section, 135x900 ft., conc. and br. walls, basement, comp. rfg., cem. and maple fls., metal skylights, steel sash, ramps, gas htg. sys., plate glass, sprinkler sys. in basement. Mr. Cooper's original bid was \$410,000. Bids were revised and exact amount of contract has not been determined.

GOVERNMENT WORK AND SUPPLIES

AMERICAN FALLS, Idaho—Bids to construct American Falls Dam have been rejected by U. S. Reclamation Service and new bids called, to be opened about Dec. 20. Utah Construction Co., Phelan Bldg., San Francisco, submitted lowest bid under last call at \$1,548,092, this for dam of 1,040,000 ac. ft. capacity. Dam will be gravity type; 1-mi. long; about two-thirds of dam in central portion will be reinforced conc. 90 ft. high and will contain spillway 1000 ft. long; abut. will be earth embankment. Conc. highway bridge with 13-ft. roadway will be built on crest of dam; 25 control gates, 2 sluice gates and 15-ft. pentstock openings. Approx. quantities of materials are: 100,000 cu. yds. earth excavation; 130,000 cu. yds. embankment; 30,000 cu. yds. rock excavation; 130,000 cu. yds. concrete; 2,376,000 lbs. rein. steel; 837,000 lbs. structural steel; 1,344,000 cast steel in gates, etc. Government will furnish cement and all steel.

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SUB-CONTRACTS AWARDED.
WAKEP. Cost, \$1,977.
MAKIP ISLAND, Cal.
 First contract of post-competition award (Spain, 1922).
 Architect—U. S. Bureau of Yards and Docks.
Contractors—Lipson & Sonnet, Clarks
 1044 and 1046 Mission St., San Francisco.
Rock and Sand 7. 80 ft. at 10th St. San Francisco.
Brick to Menzies Bank to 351 12th St. Oakland and 446 Menzies Bank Bldg., Oakland.
Reinforcing Steel—W. S. Weinball,
 351 12th St., Oakland.
Lumber—Lips and Talbot, 80 Third
 St., San Francisco.
Plumbing—Hardway, 1445 Broadway, Hard-
 way Co., Emeryville.
Sheet Metal—Fletcher & Co., Works,
 1044 and 1046 Mission St., San Francisco.
Steel Sash—Tremont Steel Co., 760 Mis-
 sion St., San Francisco.
Marble Work—Missa, Marble Co., 363
 Guerrero St., San Francisco.
Plumbing & Heating—Lipson &
 Sonnet, 1044 and 1046 Mission St., S. F.
Electrical Work—Valley Elec. Light &
 Power Co., Rialto Bldg., S. F.
Painting—R. Zelinsky, 351 12th St.,
 Oakland and 693 Mission St., S. F.
Glass—Crows Glass Co., 574 Eddy St.,
 San Francisco.

SAN FRANCISCO—Until Nov. 21, 11
 a. m., bids will be rec. by U. S. En-
 gineering Bureau, 45 Hayes St., under Order
 No. 5660-658-9 to fur. and del. Rio
 Vista, Solano County, miscellaneous
 castings. Further information obtain-
 able from above office.

MONTEREY, Monterey Co., Calif.—
 Until Nov. 24, 11 a. m. bids will be
 received by Constructing Quartermas-
 ter, Fort Mason, to erect wood frame
 covered sliding doors at Presidio of Mon-
 terey. See call for bids under official
 proposal section in this issue.

WASHINGTON, D. C.—Until Dec. 3,
 10:30 a. m., bids will be rec. by General
 Purchasing Officer, Panama Canal, to
 fur. and del. Balboa (Pacific Port), under
 Circular No. 1639: wire, cable, boards,
 millimeters, "B" batteries, insulators,
 telephone cords, yellow
 metal, bronze, track bolts, nails, steam
 hose, brake-band lining, fiber wheels,
 lamp chimneys, choppers, scythes,
 thinning tools, drills, scythes,
 blades, bits, milling cutters, zinc, pa-
 per towels, clips, rubber bands, and
 paper, etc. Further information obtain-
 able from Assistant Purchasing Agent,
 Fort Mason, San Francisco.

LIVERMORE, Cal.—Latourette-Fical
 Col. 907 Front St., Sacramento, at
 \$5116, awarded contract by U. S. Veter-
 ans' Bureau, Construction Division,
 for fire alarm system at Veterans'
 Hospital, Livermore, Cal.

WASHINGTON, D. C.—Bids are be-
 ing rec. by Bureau of Supplies and Ac-
 counts, Navy Department, to fur. sup-
 plies and Accounts, Navy Department,
 to fur. supplies to Navy Yards and
 Stations as follows: (a) Gunwoning
 as at close of each paragraph:
 Schedule 2871, Puget Sound, 66,000 ft.
 b. m. redwood, Nov. 18.

Sched. 2880, various yards, quantity
 of carbon and high speed twist drills,
 Nov. 25.

Sched. 2883, Eastern and western
 yards, taps, dies and tap wrenches and
 die stocks, Nov. 25.

Sched. 2894, various yards, quantity
 of hammers, Nov. 25.

Sched. 2895, Mare Island, 20 covers,
 16 broiler covers, 28 do, 17 fire panels,
 6 do, 25 do and 27 tinplated covers for
 standard ranges; Puget Sound, 130 oil-
 burning bake oven and range burners,
 Nov. 25.

Sched. 2896, Mare Island, 70 type set-
 ting, 324 hickory handles and
 1775 do; Puget Sound, 120 spring nut
 dividers; Mare Island, 30 gasoline fire
 pots and 100 sailmakers' shares; Puget
 Sound, 144 do; Mare Island, 13 coal
 shovels and 200 spatulas; Puget Sound,
 132 do; for Mare Island, 60 gasoline
 torches; Puget Sound, 54 do; Mare Is-
 land, 336 sailmakers' pricklers; Puget
 Sound, 684 putty knives; Mare Island,
 130 inoleum knives, and Puget Sound,
 156 do, Nov. 25.

WASHINGTON, D. C.—Until Dec. 2,
 10:30 a. m., under Circular No. 2364,
 bids will be rec. by Purchasing Officer,
 Panama Canal, to fur. and del. Balboa
 (Pacific Port). Lumber (crescoted)
 Southern yellow pine or Douglas fir,
 Douglas fir, white pine or sugar, cedar,
 white hickory, redwood, white ash, and
 poplar). Further information obtain-
 able from Assistant Purchasing Of-
 ficer, Fort Mason, San Francisco.

SEATTLE, Wash.—Until Nov. 28, 11
 A. M., bids will be rec. by Alaskan
 Railroad, General Purchasing Agent,
 422 1st Street Terminal, under cir-
 cular No. 641, to fur. cedar poles, cop-
 per wire, batteries, miscellaneous
 electrical supplies, etc., free of all
 charges on Pier at Seattle, Wash., or
 F. O. B. care contractors' works. Fur-
 ther information obtainable from
 above office.

LIVERMORE, Cal.—Automatic Elec-
 tric Co., Chicago, Ill., at \$4755 awarded
 contract by Construction Division,
 U. S. Veterans' Hospital Bureau,
 Washington, D. C., to install auto-
 matic telephone system in Veterans'
 Hospital No. 102, Livermore, Cal.

SAN FERNANDO, Cal.—Following is
 list of prospective bidders to erect
 buildings and utilities for U. S. Veter-
 ans' Hospital, \$2,000,000 project, at
 San Fernando. Bids for which will be
 opened by Construction Division of U.
 S. Veterans' Bureau, Washington, D.
 C., on December 9:

T. E. Thomas Plumbing & Heating
 Co., 2250 Washington Ave., Ogden,
 Utah.

Kimball Bros. Co., 9th St. and 11th
 Ave., Council Bluffs, Iowa.

Walsh & Burney, 829 N. Flores St.,
 San Antonio, Tex.

R. E. McKee, 1918 Texas St., El Paso,
 Tex.

Chas. F. Brown, 426 W. 23d St., New
 York City.

Rock Dodge Boiler Works Fort Dodge
 Iowa.

Brecht Co., 12tr St. and Cass Ave.,
 St. Louis.

H. Kelly & Co., Plymouth Bldg., Min-
 neapolis, Minn.

D. C. Barnett, Box 694, Augusta, Ga.

Circle Construction Co., 59 Pearl St.,
 New York City.

Herman Andras Electric Co., 449 E.
 Water St., Milwaukee.

Sodeman Heat & Power Co., 2300
 Morgan St., St. Louis.

Michaels & Co., Inc., Flat Iron Bldg.,
 Norfolk.

Virginia Engineering Co., Inc., New-
 port News, Va.

R. E. McKee, 1918 Texas St., El Paso,
 Tex.

Crane Co., Washington.

Frank J. Elsing, 820 President St.,
 Brooklyn.

Edw. Bauernschmidt, 1528 N. Gay
 St., Baltimore.

Clark Co., Waynesboro, Pa.

Westinghouse Electric & Mfg. Co.,
 Washington.

Frank E. Crowley, 7 Duquesne Way,
 Pittsburgh.

Robert Parks Heating & Plumbing
 Co., 711 S. 15th St., Omaha, Nebr.

A. B. Sands & Sons Co., 22 Vesey St.,
 New York City.

Clinton Construction Co., 923 Folsom
 St., San Francisco.

Clinton Construction Co., 421 Stock
 Exchange Bldg., Los Angeles.

Jas. B. Clow & Sons, 535 S. Franklin
 St., Chicago.

Wm. M. Walker, 831 H. W. Hellman
 Bldg., Los Angeles.

A. Kieckhefer Elevator Co., 1026 St.
 Paul Ave., Milwaukee.

Newbery Electric Corp., 726 S. Olive
 St., Los Angeles.

Hiram Lloyd Building & Construc-
 tion Co., 1608 Syndicate Trust Bldg.,
 St. Louis.

Otis Elevator Co., Washington.

John Burnham & Co., 211 Electric
 Bldg., San Diego, Calif.

R. E. Campbell, 302 E. Anaheim St.,
 Long Beach, Calif.

Wm. G. Reed, 222 Spreckles Bldg.,
 San Diego, Calif.

Campbell Bldg. Co. of Utah, Salt
 Lake City, Utah.

Moore Dry Dock Co., 801 Balfour
 Bldg., San Francisco.

Automatic Refrigerating Co., 536
 Munsey Bldg., Washington.

H. H. Robertson Co., 1001 Lexington
 Ave., Baltimore.

Milwaukee Steam Appliance Co.,
 West Allis, Wis.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.

SORORITY HOUSE Cost, \$25,000.

BERKELEY, Alameda Co., Cal. Le

Conte Avenue.

Two-story frame and stucco Sorority

house.

Owner—Epsilon of Zeta Tau Alpha

Sorority, Berkeley.

Architect—A. W. Smith, American Bank

Bldg., Oakland.

Commissioned to Prepare Plans.

LODGE BLDG. Cost, \$65,000.

RICHMOND, Contra Costa Co., Cal.

Tenth St. N. Macdonald Ave.

Fireproof lodge building (height and

type of construction not decided).

Owner—Odd Fellows Hall Assn.

Architect—T. W. MacDonald, 910 Mac-

donald Ave., Richmond.

Steel Bids Being Taken—Bids Close

Nov. 25, 1924, Noon.

LODGE BLDG., ETC. Cost, \$1,000,000.

SACRAMENTO, Sacramento Co., Cal.

14th and 15th Sts.

Fourteen-story Class A lodge and store

building (approx. 1000 tons of

steel).

Owner—Elks Club.

Architect—Leonard H. Starks & Co.,

1010 1/2 8th St., Sacramento.

NOTE:—Bidding bids will be taken in

about two weeks. Bids on balance of

work will be taken the first of the

year.

Sub-Contracts Awarded.

ALTERATIONS Cost, \$71,000.

SAN FRANCISCO, Chinatown.

Alterations to brick club bldg.

Owner—Ming Yee Assn.

Architect—Chas. E. Rogers, Phelan

Bldg., San Francisco.

Contractor—Barrett & Hilt, 918 Har-

rison St., San Francisco.

Painting to Fraser & Widel, 2809

Geary St., S. F.

Plastering to J. J. Smith, 243 Minna St.,

San Francisco.

Glass to Crows Glass Co., 574 Eddy St.,

San Francisco.

As previously reported, plumbing

was awarded to Dowd & Welch, 3558

16th St., S. F., at \$3900. Sheet metal

to Pacific Rolled Metals Co., 715 Har-

rison St., S. F. Miscellaneous iron to

Pacific Structural Iron Works, 377 10th

St., S. F. For escapes to Star Orna-

mental Iron Works, 1721 Folsom St.,

San Francisco.

MERCED, Merced Co., Cal.—Merced

county supervisors have approved plans

presented by the American Legion

Posts of Los Banos and Gustine for the

legion halls in the two towns. The

former to cost \$25,500 and the latter

\$12,500. The county is taxing itself

for \$100,000 during the next three

years to finance construction, the

money to be diverted during the

coming year from the special road

fund. Ten per cent of the tax will go

into Legion Halls.

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Plans Being Prepared.
CLUB BLDGS, ETC. Cost, \$40,000
ALAMEDA COUNTY, Cal. Rancho San Pablo, off the Sacramento State highway.
 Group club house bldgs., golf links, tennis courts, swimming pool, etc.
 Owner—Fairmeade Golf Club, 810 Oakland Bank Bldg., Oakland.
 Architect—Gwynn Officer, Berkeley Bk. Bldg., Berkeley.
 Building will consist of large club house, caddy house and several smaller buildings. Colonial style, possibly of frame construction, although this has not definitely been decided.

LA VERNE, L. A. Co., Cal.—J. S. Metzger & Son, 1007 S Grand Ave., Los Angeles, have gen. contr. at \$13,700 for a 2-story orphanage at La Verne for the Methodist Home Missionary, 1047 S Hill St., Los Angeles; boys' and girls' dormitory rooms, kitchen, diningrooms, attendants' quarters, classrooms, office, 60x125 ft., reinf. conc. and frame constr., basement, plas. tile rfr., steam htg., aut. water htr., pine trim, linoleum, hwd., and cem. fls., terra cotta trim. Other contrs. awarded are: Heating, Thos. Haverty Co., 316 E 8th St., Los Angeles, at \$8875; plumbing, W. S. Goodrich, 1072 N. Wilton Pl., Los Angeles, at \$10,020; elec. wiring, Golden State Elec. Co., 226 S Flower St., Los Angeles, at \$356. William H. Weeks, 369 Pine St., San Francisco, architect.

RALBOA, Orange Co., Cal.—Archts. Ruoff & Munson, 1104 Story Bldg., Los Angeles, have completed sketches for group of club bldgs. at Balboa for the Balboa Palisades. The work will consist of alter. present hotel into club house, light house, boat house, cottages, etc.

PASADENA, L. A. Co., Cal.—Archts. Marston, Van Pelt & Maybury, 25 S Euclid Ave., Pasadena, and 422 Union Oil Bldg., Los Angeles, have been commissioned to prepare plans for alter. and add. to Y. M. C. A. Site is 40 by 200 ft., architecture will conform with other structures of the Civic Center.

SAN DIEGO, San Diego Co., Cal.—Salvation Army, Commander Wm. De-Garlis, will start work soon on 3-story brick industrial store and lodging house on 2nd St. betw. F and G Sts.; 50x100 ft.; funds available; \$65,000.

BERKELEY, Alameda Co., Cal.—Heath & Wendt, 516 American Bank Bldg., Oakland, are to be awarded contract for building that will probably be a two-story frame and stucco fraternity house for the Zeta Tau Alpha Fraternity, Berkeley, designed by A. W. Smith, American Bank Bldg., Oakland. The building will cost approximately \$30,000.

VENICE, Cal.—D. D. Smith 200 Parkhurst Bldg., Venice, has prepared preliminary plans for 3-story clubhouse at Ave. 46 and Ocean Front, Venice, for The Neptune Club (formerly Venice Athletic Club). E. J. Gordon and Jack Quinn, organizers. The clubhouse will have gymnasium and roof garden. Work to start about Feb. 1, 1925; \$100,000.

HOSPITALS

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$33,750 awarded contract by supervisors to erect isolation ward building at county hospital grounds.

LOS ANGELES, Los Angeles Co., Cal.—Stromwell & Halperin, 1007 S Grand Ave., have contr. on guaranteed price fixed fee basis for 5-story class A hospital bldg. on 2-acre site at Temple, Hoover and Council Sts., for the Osteopath Sanitarium Hospital, Inc., Dr. Harry W. Forbes, pres., Norman E. Sprague, secy., Black Bldg., 148 x 38 ft., reinf. conc. constr., ruffle br. exter., terra cotta trim, steam htr. sys., storage water htr., pine trim, water softener, elec. aut. elevator, elec. dumb waiter, etc.; \$500,000. Plans prepared by Stromwell & Halperin.

MERCED, Merced Co., Cal.—Murray-Vincent Co., at \$270 awarded contract by county supervisors to install heating plant in tubercular ward at county hospital. Valley Plumbing & Sheet Metal Works at \$673 awarded contract to install hot water storage plant.

HOTELS

Plans Being Prepared.
ADDITION
EUREKA, Humboldt Co., Cal. Corner 2nd and F Streets.
 Three-story brick hotel addition to 1-story store building.
 Owner—Withheld.
 Architect—Newton Ackeman, Eureka.
 Construction will not be started until spring.

Revised Bids Opened.
ANEX
PASO, ROBLES, San Luis Obispo Co., Cal. Thirteenth and Spring Sts.
 Three-story brick, steel and reinforced concrete annex to hotel with city offices on first floor.
 Owner—A. I. Smith (Taylor Hotel).
 Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
 Anton Johnson, Los Angeles.....\$49,215
 Wm. Lane, Paso Robles.....49,509
 Theo. M. Maino, San Luis Obispo 50,700
 Hansen, Robertson & Zumwalt, Oakland.....\$51,500

Working Drawings Being Planned.
HOTEL, ETC. Cost, \$600,000
LOS GATOS, Santa Clara Co., Cal. four miles S. of Los Gatos.
 Three or 4-story reinforced concrete hotel, 200 rooms; frame country club; golf course; 4 tennis courts; swimming pool, tennises, etc.
 Owner—Los Gatos Hotel and Country Club, headed by L. Vincent Gaffney
 Architect—Shea & Shea, Chronicle Bldg. San Francisco.

Work will be started shortly on 18-hole golf course, plans for which were prepared by Harold Sampson. Cotton & Co., of San Francisco will be landscape engineers on the project. Swimming pool will be 75 by 150 feet. A number of cottages will be erected within the grounds. Hotel will be under the management of the Van Noy Interstate Co.

LOS ANGELES, Los Angeles Co., Cal.—Arch. Chas. F. Whittlesey, 6533 Hollywood Blvd., has compl. plans for 6-story and basement class A store and hotel bldg. at cor. Chauliuga and Wilcox Aves., for Business District Development Co., Merchants Nat. Bk. Bldg; 130 rooms, 1000 baths, 500 lobby, 46 x 136 ft., tile baths, store, plate glass, hwd., floors, pine trim, elec. elevator, steam htg., fire escapes.

LOS ANGELES, Los Angeles Co., Cal.—Morrow & Baer, 4675 Hollywood Blvd., have contr. for 110-room, 4-story, and basement brick hotel at n. e. cor. 3rd St. and Beaudry Aves. for Golden Gate Hotel; plan by J. Alek Murray and Jas. L. Chesebro, 4707 Hollywood Blvd; 100% baths, lobby; 10 x 100 ft. steel frame, press. brick and terra cotta facing, tile bath, ornam. iron, steel stairs, hwd., floors, pine trim, aut. elec. elevator, steam htg.; \$140,000.

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SAN FRANCISCO, CALIF.

BEAR VALLEY, Mariposa Co., Cal.—Arch. Eugene Martin, Arlington Bldg., Bakersfield, has prepared sketch for 3-story fireproof hotel at Pawnskin. Bear Valley, for corporation to be formed by Waybright & Thompson, 746 1/2 S Figueroa St., Los Angeles; 218 rooms with 70% baths and 10 store rms., reinf. conc. or hol. tile constr.; \$400,000.

OAKLAND, Alameda Co., Cal.—E. A. Colburn, Colorado capitalist and associates, are considering the construction of a class A, 12-story hotel building, containing about 750 rooms in Central Oakland, building site having not yet been decided upon. It is planned that the building will cost about \$5,000,000. Further report will be made later.

POWER PLANTS

LOS ANGELES, Cal.—Southern California Edison Co., 306 S. 3rd St., Los Angeles, has adopted a \$25,000,000 budget for the year 1925 to finance hydro-electric developments. Features of the budget are \$7,535,000 for hydro-electric development on the Big Creek-Sagehen project; \$3,965,000 to complete steam plants now under construction; \$1,500,000 to increase the 220,000 volt transmission facilities between Big Creek and Soledad; \$1,000,000 for extensions of distributing systems and betterments.

TRACY, San Joaquin Co., Cal.—Following bids took in contract by Banta-Carbony Irrigation District to fur. transformers, under Contract No. 3. Wagner Co., \$16,203; Packard Co., \$17,387; Maloney Co., \$19,300; Allis Chalmers, \$19,371; General Electric, \$19,700; Westinghouse, \$20,409, all bidders San Francisco. Bids were asked for: Item 1—four 667 KVA oil insulated, self-cooled, outdoor type, 60 cycle single-phase, high voltage windings for 34,615 volts and insulated for operation in 60,000 volt grounded "Y" bank of transformers. High voltage windings provided with 10 approximate taps below full capacity taps below normal voltage rating. Low voltage windings wound for 2400 volts. When placed in operation transformers will be connected in delta on the high voltage side and delta on the low side. Each transformer to be filled with oil at factory and equipped with ratio adjuster; Item 2—three 500 KVA transformers or similar type; Note: The 500 KVA to be used as spare for each bank and must have the same reactance as the 500 KVA bank; W. D. Harrington is chief engineer for district.

MODESTO, Stanislaus Co., Calif.—General Electric Co. awarded contract by council to furnish and install transformer for city lighting system.

LOS ANGELES, Cal.—Western Elec. Co. awarded contr. by pub. serv. comm. at \$20,786 for galv. pole line hardware under spec. P-308.

LOS ANGELES, Cal.—Bids rec. by bd. pub. wks for (1) 125,000 lbs. No. 10 B & S gauge copper wire, (2) 126,000 lbs. No. 12 B & S gauge copper wire, (3) 23,750 ft. No. 10 cable braid weatherproof, were: American Insul. Wire & Cable Co., (1) \$21.55 cwt., (2) \$24.05 cwt.; Graham-Reynolds Elec. Co., (1) \$20.05; Illinois Wire & Cable Co., (1) \$23.75; total (2) \$32,130; Jones-Thorne & Co., Inc., (1) \$20, (2) \$22.50, total bid \$53,350; Kierulff & Ravenscroft, (1) \$22.40 (2) \$25.40; Standard Underground Cable Co., (1) \$20.44, (2) \$23.55.

MERCED, Merced Co., Cal.—Pelton Water Wheel Co., 2915 19th St., San Francisco, at \$234,000 awarded contr. by Merced Irrigation District to fur. and install turbines in Eschequer Dam power house.

SEATTLE, Wash.—Until Nov. 21, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent 231 County City Bldg., to fur. cedar poles of following quantities and lengths, invol. 200 ft. 50 ft., 100 ft. 45 ft., 45 ft. 50 ft., 10 ft. 45 ft. and 15 ft. 45 ft., cedar poles, all with 9-in. tops to be delivered f. o. b. Seattle. Consideration will be given at time of award of contract for early delivery.

CULVER CITY, Cal.—R. G. Daugherty secured permit for power plant at 1200 Washington Blvd. for Metropolitan Mayor Studios. \$7,000.

LOS ANGELES, Cal.—Ideal Elec. & Mfg. Co., 431 E. 3d St., sub. low bid to bid, pub. wks. at \$2037 for 3 motor generator sets.

Electric Elec. Co., 414 S. San Pedro St., low at \$570 for one master clock.

Allis-Chalmers Mfg. Co., Title Ins. Bldg., low at \$1010 for one gasoline engine driven generator.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 24, bids will be rec. by bd. pub. wks. for terminal boxes. Spec on file at office city electrician, 205-n city hall annex.

PUBLIC BUILDINGS

Contract Awarded.
FIREHOUSE Cost, \$9,580

OAKLAND, Alameda Co., Cal. NE Cor. Militon and Market Sts.
One-story frame and stucco firehouse. Owner—City of Oakland.
Architect—None.
Contractor—J. M. Bartlett, 351 12th St., Oakland.

Contract Awarded.
STATION Cost, \$6718
SAN FRANCISCO. Golden Gate Park (Chain of Lakes).

Comfort station.
Owner—City and County of San Francisco. Board of Park Commissioners, B. P. Lamb, Secretary, Park Lodge, Golden Gate Park.
Architect—Weeks & Day, 315 Montgomery St., S. F.
Contractor—Reilly & Nemetz, 180 Jessie St., S. F.

BERKELEY, Alameda Co., Cal.—The Clerk of the City of Berkeley, opened bids Nov. 18, 1924 at 9 A. M. for the construction of one-story frame and stucco firehouse to be erected on Virginia St., W. H. Ratcliff, Jr., Mercantile Bank Bldg., Berkeley is the architect. Bids were taken under advisement.

Bids were taken for general contract. Alternate 1 being a deduction for omitting tile along east side of apparatus room, and substituting plaster. David Nordstrom, 4146 Emerald, Oakland \$ 9,787 \$330
S. J. Bertelsen, 30 Estrel-la, Oakland 10,127 450
Carlson-Loprest Co. 10,806 544
Conner & Conner 10,432 540
Murch-Williams Constr. Co. 10,761 384
Chas. H. McCullough 10,994 600
S. O. MacDonald & Son 10,996 600
Heath & Wender 11,089 731
Grant L. Miner 11,773 404
F. A. Kurtz 11,870 330
John M. Bartlett 12,250 300
Leichter & Wetzel 12,777 380

SANTA ROSA, Sonoma Co., Cal.—Businessmen have purchased Fremont School site on which it is proposed to erect a public auditorium building. Ways to finance the structure are now being worked out.

BAKERSFIELD, Kern Co., Cal.—Bids will be asked shortly by county supervisors to erect one-story, 41 by 12 feet, reinforced concrete jail in Delano; est. cost, \$2250, cost to be borne equally by city of Delano and County of Kern. Plans by E. Curtis Clark of Delano.

LOS ANGELES, Cal.—Until 2 p. m., Dec. 1, bids will be rec. by L. A. county superv. for marble, terrazzo and tile floor and wainscot work for unit No. 1, Museum of History, Science and Art, Exposition Park. Spec. No. 11 obtainable from Allied Archts. Assn., 1135 City Natl. Bank Bldg., upon deposit of \$15, returnable. Cert. check or bond 10%. L. E. Lampton, clerk.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 1, bids will be rec. by L. A. bd. pub. wks. for 2-story police sub-station at 231-35 W 77th St. Plans and spec. obtainable at office of supt. of constr. dept., grand stand, Exposition Park, 729 W Santa Barbara Ave. Cert. check or bond 10%. H. B. Ferris, secy. Assembly hall, jail cells, offices, dining rm., kitchen and 8-car garage; 44x109 ft., reinf. conc. and brick constr., press brick, comp. fl., skylights, plate and wire glass, cem. and hardw. fls., tile work, steam htg.; \$65,000.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by Fred M. Kay, county clerk, to paint the county jail and county library buildings.

RESIDENCES

Sub-Contracts Awarded.
RESIDENCE Cost, \$17,500
FLEDMONT, Alameda Co., Cal.
Two-story frame and plaster residence. Owner—Dr. J. B. Schaffhirt, Bacon Bldg., Oakland.

Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Painting to Van Heerden & Co., 6260 College Ave., Oakland.
Tile Roofing to Gladding-McBean Co., 660 Market St., S. F.

Plumbing to Harry Newman, 2004 Telegraph Ave., Oakland.
As previously reported the general contract has been awarded to Alto Mallanen, 5030 Dover St., Oakland, at approximately \$8000; plaster to A. C. Beamer.

Plans Being Prepared.
RESIDENCE Cost, \$4000
MORRO BAY, San Luis Obispo Co., Cal.
Frame summer residence.
Owner—G. A. Martell.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, \$15,000
SAN FRANCISCO, Jackson & Cherry Streets.

Two-story frame and stucco residence. Owner—L. Riqua.
Architect—E. E. Young, 2002 California St., San Francisco.

Plumbing to Higgins & Kraus, 720 Tehama Street, S. F.

Painting—Standard Painting Co., 631 Van Ness Ave., S. F.

Brick Work—Wm. Rainey, 180 Jessie St., S. F.

Roofing—Cantley Roofing Co., 180 Jessie St., S. F.

Plastering—Beatty & McGillis.

Lumber—Sheldon Lumber Co.

Mill Work—California Mill.

Tile Work—Art Tile Co., 221 Oak St., San Francisco.

Heating—Atlas Heating & Ventilating Co., 454 4th St., S. F.

Electrical Work—Crescent Elec. Co., San Francisco.

Hardware—Flores—Hardware Floor Co., 180 Jessie St., S. F.

Contract Awarded.
RESIDENCE Cost, \$35,000 Approx.

ROCK, Maricopa Co., Cal. Upper Road.
Two-story brick veneer and frame residence English style, composition shingle roof.

Owner—J. J. Meigs, 315 Montgomery St., San Francisco.

Architect—Ashley & Evers, 58 Sutter St., San Francisco.

Contractor—E. D. Meier, San Rafael.

To Be Done By Day's Work.
DWELLINGS Cost, \$4000 each

SAN FRANCISCO N Estero 97 145 197 252 307 357 V. Alviso & N Estero 133 E Lunada Way, Pto Lot 5 and all Lot 6 Bldg 13 St. Francis Wood.

Three 1-story & basement frame residences.

Owner—Westgate Park Co., 278 Post St., San Francisco.

Architect—Masten & Hurd, 278 Post St., San Francisco.

Contractor—McMout, 515 Magellan St., San Francisco.

Plans Complete—Owner To Take Figures.
RESIDENCE Cost, \$7000

BURLINGAME, San Mateo Co., Cal.
One-story and basement frame and stucco tile and T & G roof.

Owner—L. Erckert, 555 14th St., San Francisco.

Architect—R. R. Irvine, Call Bldg., San Francisco.

Contract Awarded.
DWELLING Cost, \$11,000

OAKLAND, Alameda Co., Cal. S Larkspur Rd., 200 W Hillcroft Rd.

Two-story 10-room dwelling.
Owner—Mrs. A. Lanter, 2910 Telegraph Ave., Oakland.

Architect—None.
Contractor—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$3,000

SAN FRANCISCO. St. Francis Wood.
Two-story and basement frame and stucco residence.

Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Bids Opened.
RESIDENCE Cost, \$—

PEEBLES BEACH, Monterey Co., Cal.
Two-story and basement frame and stucco slate roof Norman type residence (17 rooms, 5 baths and separate garage).

Owner—Withheld.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.

Bids are for a general contract, excepting heating plant, light fixtures, hardware, landscaping, etc.
M. J. Murphy, Carmel, Cal. \$32,990
Dosssett & Ruhl Co. 33,143
Chas. Stockholm & Son. 34,790



**All-Key
Plaster Lath**

(Patented)
100% Mechanical Key.

**Plaster
Wall Board**

(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Plans Being Figured. Cost, \$3000
 RESIDENCE
 OAKLAND, Alameda Co., Cal. Crocker
 Highlands.
 Two-story frame and stucco. Spanish
 style residence with tile roof.
 Owner—Wm. Ganey.
 Architect—F. H. Reimers, Tribune
 Tower, Oakland.

To be Done by Day's Work.
 APARTMENTS. Cost, \$18,000
 SAN FRANCISCO. SW Filbert and
 Franklin Streets.
 Three-story and basement frame apart-
 ment building (12 apt.)
 Owner—G. A. Metcalfe, 311 Turk St.,
 San Francisco.
 Architect—J. C. Hladik, Monadnock
 Bldg., San Francisco.

Plans Being Prepared.
 RESIDENCES. Cost, \$25,000 & \$18,000
 SAN FRANCISCO, St. Francis Wood.
 Two 2-story and basement frame and
 stucco residences and garages with
 tile roofs.
 Owner—Withheld.
 Architect—A. J. Horstman, 110 Sutter
 St., San Francisco.
 Plans will be ready for figures in
 about 3 weeks.

Plans Being Prepared.
 RESIDENCE. Cost, \$15,000
 SAN FRANCISCO, St. Francis Wood.
 Two-story and basement frame and
 stucco residence and garage with
 tile roof.
 Owner—Withheld.
 Architect—A. J. Horstman, 110 Sutter
 St., San Francisco.
 Plans will be ready for figures in
 about three weeks.

Figures Being Taken From a Selected
 List of Contractors.
 RESIDENCE. Cost, \$26,000
 SAN MATEO, San Mateo Co., Cal.
 Two-story frame and stucco residence,
 tile roof, 9 rooms, 4 bathrooms, ga-
 rage with living quarters, stables,
 swimming pool.
 Owner—Withheld.
 Architect—Chas. E. J. Rogers, Phelan
 Bldg., San Francisco.

Contract Awarded.
 RESIDENCE. Cost, \$15,000
 SAN MATEO, San Mateo Co., Cal., Lot
 283 Clark Drive & Englewood.
 Frame residence.
 Owner—Harry Dana, 430 Highland, San
 Mateo.
 Contractor—Arthur Dusenberry, 442
 Hurlingham, San Mateo.

Plans Complete.
 RESIDENCE. Cost, \$10,000
 BERKELEY, 87 Shasta Ave.
 Residence.
 Owner—Elizabeth Newstadt, 77 Shasta
 Ave., Berkeley.
 Architect—Dorothy Warner, 55 5th Ave
 San Francisco.

Contract Awarded.
 RESIDENCE. Cost, \$22,000
 PIEDMONT, Alameda Co., Cal. Pied-
 mont Highlands.
 Two-story and basement frame and
 stucco residence (tile roof).
 Owner—Marshall C. Seagrave, 2043
 Oakland Ave., Piedmont.
 Architect—Boughton Sawyer, Hearst
 Bldg., San Francisco.
 Contractor—Fred J. Westlund, 795
 Highland Ave., Piedmont.

SCHOOLS

Plans Being Figured—Bids Close Dec.
 1, 8 P. M.
 AUDITORIUM. Cost, \$—
 TURLOCK, Stanislaus Co., Cal.
 Two-story brick auditorium.
 Owner—Turlock Union High School
 District, A. G. Crowell, Clerk, Tur-
 lock, Cal.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.
 General contract bids are desired
 with alternate propositions on heating
 and ventilating. Cer. check 5% pay-
 able to Jas. C. Nichols, Chairman of Bd.
 of Trustees of Dist., req. with bid.
 Plans obtainable from Architect.

Sub-Contracts Awarded.
 SCHOOL & OFFICE. Cost, \$30,000
 SAN FRANCISCO, SW Grove and Bu-
 chanan Sts.
 One-story class C school and office
 building (first unit of an education-
 al center).
 Owner—Hebrew Free Loan Ass'n and
 Jewish Educational Society.
 Architect—Morrow & Garren, Chron-
 icle Bldg., S. F.
 Sheet Metal—Pencovle Sheet Metal
 Works, 4245 Geary St., S. F.
 Wrought Iron—Star Ornamental Iron
 Works, 1271 Folsom St., S. F.
 Millwork—National Mill & Lumber Co.,
 320 Market St., S. F.
 Electrical—Dowd-Sold Electric Co. 2369
 Mission St., S. F.
 Tile Work—H. Gervais, 1272 Mission
 St., S. F.
 Other contracts previously reported
 are: General contract awarded to H.
 Abrams, 50 Stillman, S. F.; Brick work
 to Mealy & Collins, 180 Jessie St., S. F.;
 Plumbing to T. B. Boysen, 1249 Divisa-
 dero St., S. F.

Contracts Awarded.
 SCHOOL. Cost, \$250,000
 SAN JOSE, Santa Clara Co., Cal., Santa
 Clara Street site.
 Two-story reinforced concrete Junior
 high school.
 Owner—San Jose Board of Education.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco and Tribune Tower,
 Oakland, and Binder & Curtis, Binder
 Bldg., San Jose, associated.
 General contract to F. T. Edmans, 143
 N-8th St., San Jose, prop. (1)
 \$203,970; prop. (2) \$14,297.
 Heating & ventilating to Ideal Heating
 Co., 132 Franklin St., S. F., (1) \$17,955
 (2) \$1074.
 Electrical Work to Roy Butcher, 68 S
 Willard St., San Jose, (1) \$11,136;
 (2) \$287.
 All contracts were let with a thirty-
 day option on Proposition 2 (if the ad-
 dition to the music room is made, to be
 added to figures on Prop. 1.)



ON THURSDAY next.
 WE SHUT off the gas.
 STOP THE financial engine.
 AND GIVE thanks.
 FOR THE President.
 OF THE United States.
 HAS ISSUED a proclamation.
 THAT WE cease our labors.
 ON THAT day.
 NOW DEAR reader.
 SUPPOSE ON Thursday next.
 YOU TAKE your pencil.
 AND ADD up the blessings
 YOU HAVE received
 DURING THE past year
 MANY OF us rush.
 DOWN THE road to wealth.
 AND NEVER see Miss Happiness.
 AND MANY other things.
 WE SHOULD be thankful for.
 IT IS the grateful person.
 WHO IS the happy fellow.
 CLARENCE SAND Pratt, president.
 OF THE Pratt Building Material Co.
 DOUGLAS 300—"easy to remember."
 AND PRODUCER of clean sand.
 CRUSHED ROCK and gravel.
 AT MARYSVILLE, Sacramento.
 PRATTROCK (NEAR Folsom).
 AND PRATCO, Monterey County.
 IS SURELY full of gratitude.
 FOR THE wonderful sand.
 AND CRUSHED rock business.
 SANDY HAS enjoyed.
 DURING THE present year.

SANDY HAS a hand.
 OF FAITHFUL employees.
 THAT PLAY a large part.
 IN THE success.
 OF SANDY Pratt's business.
 GROWING AS it is.
 FROM YEAR to year.
 SO YOU see, dear reader.
 THERE ARE blessings.
 IN THIS dear old world.
 IF WE but.
 TAKE OFF our smoked glasses.
 AND SEE the beautiful sunshine.
 SHOULDN'T WE be thankful.
 TO SPEND our Thanksgiving Days.
 IN THIS wonderful State.
 AND SANDY Pratt thinks.
 WE SHOULD yell with gratitude.
 THAT WE are Americans.
 AND DO not live.
 IN THE European atmosphere.
 OF SELFISHNESS and turmoil.
 "I THANK you."



Sandy Pratt, President of the Pratt Building Material Co. of Prattrock (near Folsom), Marysville, Prattrock (Monterey County), Sacramento and San Francisco, is thankful that Mr. E. A. Coyote did not catch all the turkeys. Sandy is a producer of sand, rock and gravel. He eats, but does not produce turkeys.

Bids Being Taken To Be Opened Dec. 2, 1924.
GYMNASIUM

Cost, \$20,000
(Est. bid \$2000)
VALLEJO, S. Lano Co., Cal.—
One-story frame gymnasium (1st unit)
owner: Board of Education of Vallejo.
Architect—W. A. Jones, Vallejo.

Plans Being Prepared.
SCHOOL.
THIRD HON SCHOOL, DISTRICT
ONE-story frame and stucco school.
Owner—Thibron Grammar School Dist.
Architect—N. H. H. Coulter, 46 Kearny
St., San Francisco.

ALAMEDA, Alameda Co., Cal.—Bids
were opened Nov. 18 at 5 p. m. by C. J.
DuFour, Secretary Board of Education,
City Hall, Oak and Santa Clara streets,
for furnishing 230 school desks, ad-
justable, set up, as follows: 100-15,
100-C, 15 bears, B and 15 bears, C. The
Ink Ribbon Manufacturing Co., 625
Howard St., S. F., was awarded con-
tract. Complete list of bidders fol-
lows:

Ink Ribbon Manufacturing Co., (B) \$375;
(C) \$347; (E) rears \$120; (C) rears \$120.
Rucker Fuller Desk Co., (B) \$1,057;
(C) \$1,035; (E) rears \$131.55; (C) rears \$131.55.
Wentworth & Co., (B) \$1,057;
(C) \$1,035; (E) rears \$131.55; (C) rears \$131.55.
C. F. Weber & Co., (B) \$1,057; (C) \$1,035; (E) rears \$131.55; (C) rears \$131.55.

ALAMEDA, Alameda Co., Cal.—Bids
were opened by C. J. DuFour, Secy.,
Board of Education, City Hall, Novem-
ber 18, at 9 p. m. for lathing and plas-
tering in connection with new high
school. Herman Bosch, 429 Fulton St.,
San Francisco, was awarded contract at
\$75,800. Other bids were: Joseph
Greenback, \$85,825 and Jas. F. Smith,
\$93,900. Carl Werner, Santa Fe Bldg.,
S. F., is the architect.

SAN RAFAEL, Marin Co., Cal.—Bids
were received as follows on Nov. 18,
1924, by Oliver R. Hartzell, Secy.,
Board of Education, to fur. and install
640 sq. ft. blackboard in new San Ra-
fael High School. Separate bids were
received to fur. and install approx.
500 steel book lockers, 12 by 12 in. by
30 in. and approx. 260 steel athletic
lockers, also for high school.
A. L. Stewart, 109 Stevenson St.,
S. F., "Dermrock" \$62.12 sq. ft.
C. F. Weber & Co., S. F., "Hybor" \$5.04 sq. ft. Comp. slate \$658
Ink Ribbon Mfg. Co., S. F., "Litho" \$4.40 sq. ft.
Stewart School Supply Co., Stock-
ton, \$5.50 and \$62.38 sq. ft.
Chick & Gillis, S. F., \$3.80 & \$31 sq. ft.
Contract was awarded to A. L. Stew-
art.

Steel Book Lockers

C. J. Waterhouse, S. F., \$3.50 each
Fred Redard, S. F., 4.07 each
Jamestown Mfg. Co., 4.05 each
Geo. H. Trask, S. F., 3.60 each
C. F. Weber Co., S. F., 3.36 each

Bids on other lockers were in propor-
tion. Bids were taken under inven-
ment. Keys and Locks were not in-
cluded in locker bids.

LOS ANGELES, Cal.—Arch. Paul C.
Farr, 1133 Central Bldg., is completing
working plans for a 2-story side add.
to grammar school bldg. at 97th St.
school site on 97th St. bet. Moneta and
Guignera Sts. for bd. of ed.; auditorium
to seat 300, 12 classrooms, offices;
120x123 ft., brick walls, tile and comp.
rfg., maple fls., pine trim, reinf. conc.
corridor and stair constr., slate black-
boards, add. present steam htg. sys.,
toilets; \$105,000.

LONG BEACH, L. A. Co., Cal.—Archts
John C. Austin and Frederick M. Ash-
ley, 1119 Dwyler Bldg., Long Beach,
have completed plans for new Wood-
row Wilson high school bldgs. for Long
Beach. The group will include adminis-
tration bldg., science bldg., auditori-
um bldg., shop bldg., shower bldg. and
store bldg.; 2-story and 1-story, reinf.
conc. construction, stucco exter., cast
stone trim, clay tile and comp. rfg.,
Italian Renaissance style; \$250,000. The
board of education of Long Beach will
advertise for bids shortly.

ONTARIO, San Bernardino Co., Cal.—
Arch. N. H. H. Coulter, Broadway
Central Bldg., Los Angeles, is pre-
paring plans for a grammar school
bldg. at cor. E. D St. and Allyn Ave.,
Ontario, for Ontario school dist.; 8 class
rms., offices; \$50,000. Bonds have been
voted for \$64,000 and the remainder of
the money will be used to purchase sch.
furniture and playground equipment.

LOS ANGELES, Los Angeles Co., Cal.—
Arch. W. S. Hubbard, 534 Hellman
Bldg., has completed working plans
for a 2-story, 8-unit add. to grammar
school bldg., at Leland Ave. school site
on Leland Ave., for bd. of educ.; 51 x
147 ft., brick walls, stone trim, comp.
rfg., steam htg., conc. corridor and
stair constr., pine trim, slate blackbds;
\$48,000; bd. of educ. will take bids
soon.

FULLERTON, Orange Co., Cal.—Arch.
Carleton M. Winslow, 921 N. Myer
Bldg., Los Angeles, is preparing plans
for a 1-story gymnasium, at the Full-
erton union high school site for Full-
erton Union High School District, gym
locker and shower rooms, office, class-
rooms; 80 x 19 ft. with 2 wings, br.
plastered, steel fr., comp. rfg., maple
floors, htg. from central htg. plant,
pine trim, tile and marble work; \$125,-
000.

SAN FRANCISCO—Bids will be asked
by Board of Public Works authority to
construct additional units to Galileo
High School in Van Ness avenue near
Francisco street, units to consist of
gymnasium and athletic field. John
Reid Jr., architect, First National Bank
Bldg.

LODI, San Joaquin Co., Cal.—The
following bids were received by the
Board of Trustees of the Lodi Union
High School District, November 18,
1924 at 2 p. m. for the construction
of a one-story brick and steel shop
building, alter present shop building
into gymnasium and alterations to
present gymnasium. Architects Wright
& Hatfield, Bank of Italy Bldg.,
Stockton. The bids have been taken
under advisement.

(1) for Complete Bid, (2) change
inside wall, (3) change in glass, (4)
omit work on boys' gymnasium, (5)
omit work on girls' gymnasium.
Fredrickson & Shannon, Peoples' Bk.
Bldg., Sacto., alt. (1) \$47,150, (3) \$700,
(3) \$200, (4) \$13,637, (5) \$176.
A. Allen, Stockton, (1) \$49,517,
(2) \$605, (3) \$179, (4) \$14,393, (5) \$1476.
J. F. Shepherd, Stockton, (1) \$49,-
777, (2) \$600, (3) \$179, (4) \$13,000, (5)
\$1100.
Campbell Constr. Co., Sacto., (1) \$50,-
884, (2) \$1052, (3) \$116, (4) \$15,500, (5)
\$2500.

C. L. Hansen, (1) \$51,859.67, (2) \$635
(3) \$188.27, (4) \$11,020.80, (5) \$1440.12.
A. J. Vickroy, (1) \$55,355, (2) \$300,
(3) \$377, (4) \$15,901, (5) \$1940.
C. F. Mabery, Sacto., (1) \$55,593, (2)
\$814, (3) \$179, (4) \$15,750, (5) \$1515.
Frederickson & Shannon, Sacto., (1) \$57,-
764, (2) \$1516, (3) \$173, (4) \$16,200, (5)
\$2350.

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SAN FRANCISCO—The following is
a report of City Architect John Reid,
Jr., covering the progress of plans and
specifications for school improvements
under the recently voted \$12,000,000
bond issue:

Alamo School (east side of Twenty-
third avenue between Clement and
California streets)—Bids for the con-
struction of this new school building
will be received by Board of Public
Works, December 10, previously re-
ported. Architect, Miller & Püeger,
Lick Bldg., S. F.

Alvarado School (Lick-Nee School)
(southeast corner of Douglas and
Twenty-second streets)—Preparation of
plans and specifications in progress.
Architect, G. Albert Lansburgh, 140
Montgomery St., S. F.

Anza Street School (Lafayette)
(south side of Anza street between
Thirty-sixth and Thirty-seventh ave-
nues)—Preparation of preliminary
sketches in progress. Architects, Ward
& Blohm, 1000 Market St., S. F.

Edison School (west side of Dolores
street between Twenty-second and
Twenty-third streets)—Preparation of
preliminary sketches in progress. Ar-
chitect, A. A. Applegarth, Claus Spreck-
els Bldg., S. F.

Everett (Sanchez) School (east side
of Sanchez street between Sixteenth
and Seventeenth streets)—Preparation
of plans and specifications in progress.
Architects, Bakewell & Brown, 251
Kearny St., S. F.

Galileo High School. (Additional
units, gymnasium and athletic field,
in the block bounded by Van Ness ave-
nue, North Point, Polk and Francisco
streets)—Preparation of plans and
specifications in progress. Architect,
John Reid, 60 Sansome St., S. F.

Hawthorne School (east side of Shot-
well street between Twenty-second and
Twenty-third streets)—Preparation of
preliminary sketches in progress. Ar-
chitects, Weeks & Day, 315 Montgom-
ery, S. F.

Hearst-Moulder School (Oak, Page
and Webster streets)—Preparation of
preliminary sketches in progress. Ar-
chitect, John Reid, Jr., 60 Sansome St.,
San Francisco.

Henry Durant School (Buchanan and
O'Farrell streets)—Preparation of pre-
liminary sketches in progress. Archi-
tects, Frederick Meyer and Alvin John-
son, 742 Market St., S. F.

Le Conte School (west side of Harrison
street between Precita avenue and
Army street)—Plans and specifications
have been submitted to the Board of
Education for approval. Architects,
John Galen Howard and Asso., First
National Bank Bldg., S. F.

Mission High School (Eighteenth
street between Church and Dolores
streets)—Preparation of plans and
specifications in progress. Architect,
John Reid, Jr., 60 Sansome St., S. F.

Mission Junior High School (Six-
teenth, Dehon, Seventeenth and Church
streets)—Preparation of preliminary
sketches in progress. Architect, John
Reid, Jr., 60 Sansome St., S. F.

Monroe Junior High School (Excel-
sor, London, Avalon and Madrid
streets)—Preparation of preliminary
sketches held in abeyance awaiting
further action of the Board of Edu-
cation. Architect, John Reid Jr., 60 San-
some St., S. F.

Portola Junior High School (Girard,
Bacon, Kensington and Burrows
streets)—Preparation of preliminary
sketches in progress. Architect, Joseph
& Stone, Call Bldg., S. F.

LOS ANGELES, Cal.—Arch. A. F.
Rosenheim, 515 Broadway Arcade Bldg.,
is completing working plans for a 18-
unit, 2-story grammar school at 42nd
St. school site, at 42nd and 43rd St. 4th
Ave. and 5th Ave., for bd. of educ.;
auditorium to seat about 300, 12-class-
rooms, kindergarten dept.; rug, br. fac-
ing, art stg. trim, comp. rfg., base-
ment, maple fls., reinf. conc. corridor
and stair constr., slate blackbds, pine
trim; \$125,000.

ALAMEDA, Alameda Co., Cal.—Until
Dec. 2, 8 p. m., bids will be rec. by C.
J. DuFour, Secy., Board of Education,
to grade and surface the school
yard, yard, mound and Van Buren
Sts. Cert. check 10% req. with bid.
Further information obtainable from
secretary.

LOS ANGELES, Los Angeles Co., Cal.—Salih Bros., 505 Detwiler Bldg., subm. low bid at \$65,100 to L. A. bldg. educ. Nov. 15 for 2-story brick addition at Raymond Ave. school, 7511 Raymond Ave. Low bidders on sub-trades were: Plumbing, E. W. Crowell Co., 744 S San Pedro St., \$1,800; hts. and vnts., Emerson & Keeler, 1909 S. Vermont Ave., \$6670; painting, Horace H. Mann, 2411 S. Vermont Ave., \$1040; electrical, H. H. Walker, 1800 W. 12th St., \$1552. C. Martin, archt., 223 Hisinger Bldg., \$3 x 206 ft., press. brick, art stone, tile and comp. rf., reinf. concr. corridors and stairs, maple fls.

LOS ANGELES, Los Angeles Co., Cal.—Arch. T. Beverly Keim, Jr., 716 Haas Bldg., is completing plans for a 2-story and basement brick grammar school bldg. at the Albion school site on Avenue 19, for bd. of ed.; auditorium to seat 250 people, 9 classrooms, offices, toilets, 60 x 135 ft., plas. exter. comp. rft., reinf. concr. corridor and stair constr., maple and cem. flr., slate blackbks., pine trim; \$84,000.

ELK GROVE, Sacramento Co., Cal.—Until Dec. 2, 8 P. M., bids will be received by S. R. Gage, clerk, Elk Grove Union High School District, to construct three tennis courts at high school grounds. Cert. clerk 10% payable to clerk req. with bid. Plans obtainable from Dean & Dean Architects, California State Life Bldg., Sacramento.

SAN FRANCISCO—Elliott and Grant, 180 Jessie St., S. F., awarded contract by Board of Public Works to construct exits at Girls' High School. The supervisors have been requested to appropriate \$4636 to cover the cost of the contract.

WOODLAND, Yolo Co., Cal.—Until Nov. 28, 2 p. m., bids will be rec. by Mrs. Katherine E. Falt, secy. Woodland Grammar School District, to fur. 50 No. 5 single and 140 No. 4 single students' desks; 5 No. 5 single rears; 14 No. 5 single rears; desks to be cast iron combination, hard maple with dark brown or walnut flat varnish finish. Samples must accompany bids. Further information obtainable from secy. of district.

WOODLAND, Yolo Co., Cal.—Until Nov. 28, 2 p. m., bids will be received by Wm. M. Hyman, secy. Woodland High School District, 520 Main street, to furnish and install in high school: approx. 225 pupils' desks or chair desks size one; approx. 75 pupils' desks or chair desks, size two; 12 regular sized and four small sized teachers' desks; 16 teachers' desk chairs; one principal's office desk and three office chairs; one secretary's desk or table desk; 150 opera or assembly seats with alternative bid for furnishing 150 backs and seats for 150 sets of steel frames saved from high school recently destroyed by fire; to be placed in good condition and fitted properly to backs and seats. Bids must be accompanied by photographs or samples of materials to be furnished. Further information obtainable from secretary.

PETALUMA, Sonoma Co., Cal.—Until Nov. 29, 5 p. m., bids will be received by Board of Education to furnish and install 550 steel lockers, 12x12x36 inch in double tiers; with or without locks; samples and specifications must accompany bids. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 9 a. m., Dec. 3, (time extended from Nov. 19), bids will be rec. by L. A. bldg. educ. addition No. 2 at Murchison St. school, Murchison St., bet. St. Charles and Alcazar sts. Bids will be taken on general plumbing, painting, hts. and ventilating, and elec. Plans and spec. on file at 730 Security Bldg. Cert. or cash, check or bond 5%. Wm. A. Sheldon, secretary.

SAN FRANCISCO—Mahony Bros., Flood Bldg., general contractors on the High School of Commerce addition in Wall St. bet. Van Ness and Franklin St., have awarded the following sub-contracts in connection with the project: Painting to D. Zelinsky; Roofing and Dampproofing, Alta Roofing Co.; Terrazzo work, P. Grassi.

LOS ANGELES, Cal.—Arch. Chas. M. Hinson, 1123 Central Bldg., is completing working plans for 2-story school bldg. at Western and Manchester sch. site, near Cor. Western and Manchester Aves. for bd. of educ.; classrooms, offices, br. walls, part basement, br. and plas. exter., tile rfg., maple and cem. fls., slate blackbks., pine trim, conc. corridor and stair constr., folding partitions; \$84,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 701 Grant Republic Lift Bldg., are completing plans for a new bldg. to be erected at South Park Ave. school site. Twelve units, 2-story, 85x121 ft., red press. brick facing, comp. rfg., pine trim, cem. and maple fls.; \$84,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Wilson & McGranahan, Con. Bldg., Santa Cruz, at \$2376 awarded contract to erect School for Bald Mountain School District. C. L. Covey submitted a bid in excess of \$30,000 which was not considered due to failure to enclose certified check. Allen C. Collins, architect, Santa Cruz.

SAN FRANCISCO—Until Dec. 10, 3 P. M., bids will be received by Board of Public Works to erect two-story reinforced concrete and brick school (Alamo School) in east side of 23rd Ave. bet. California and Clement Sts. Segregated bids are wanted for general construction, est. cost \$332,000; mechanical equipment, \$15,000; plumbing, \$16,000; electric work, \$7,000. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall. John Reid, Jr. city architect. Plans were prepared by architects Miller & Pfueger, Lick Bldg.

SAN FRANCISCO—E. B. Hamilton, 2735 Folsom St., at \$4490 awarded contract by Board of Public Works to move Everett school.

BAKERSFIELD, Kern Co., Cal.—Until Dec. 1, 8 P. M., bids will be received by Boyce R. Fitzgerald, Clerk, Kern County Union High School Dist., to furnish and install electric fixtures and finish hardware in Academic Building. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to Board of Trustees of District req. Specifications obtainable from architect. See call for bids under official proposal section in this issue.

WILMINGTON, Los Angeles Co., Cal.—Archts. John C. Austin and Frederick M. Ashley, 1119 Detwiler Bldg., Los Angeles, are preparing working plans for Wilmington High School No. 2 to be erected at Wilmington. Two Bldgs., main bldg. and shops, 5 units, Flemish style, brick construction, selected common brick facing, slate or tile rfg.; \$385,000.

VENTURA, Ventura Co., Cal.—Until 7:30 P. M., Dec. 9, bids will be received by San Buenaventura School District at city hall, Ventura, for 6 classroom school, 152x33 feet on Mendocino St. Ventura. Separate bids will be taken on general, plumbing, electrical, heating and painting. Deposit of \$10 for plans, to be refunded. Cert. check or bond, and specifications must accompany file with Mott M. Marston, architect, 507 Douglas Bldg., Los Angeles, and A. L. Vincent, secretary, Ventura. Face brick, art stone trim, composition tile roof, concrete corridors, maple floors, gas radiators, stage.

NAPA, Napa Co., Cal.—Until Dec. 1, 8 P. M., bids will be received by Howard E. Roper, Secretary, Napa Union High School District, to fur. and install lawn sprinkler system covering about 80,000 sq. ft. Bidders to submit plans, sizes of pipe, etc. Details of plot plan obtainable from secretary.

SAN FRANCISCO, Cal.—Bids previously received by the Purchasing Agent for furnishing 3014 steel lockers in five school buildings, will be rejected, and new bids called for when the Board of Trustees meet Monday, November 25, 1924. New bids will be opened about the middle of December. Slight changes in specifications are responsible for this action. The Duralbitt Steel Locker Co. was low bidder on bids previously received at \$720.

LOS ANGELES, Los Angeles Co., Cal.—Archts. John C. Austin and Frederick M. Ashley, 1119 Detwiler Bldg., are preparing working plans for new junior high school bldgs. at George Washington junior high school site on 17th St. near Bronson Ave. Colonial style, main bldg. and shops, brick construction, stucco exter., slate rfg.; 61½ units; \$345,000.

BANKS, STORES & OFFICES

Contract Awarded.
STORES Cost, \$12,000.
BERKELEY, Alameda Co., Cal. No. 1923-25-27 University Ave.
One-story brick and steel stores.
Owner—Chas. W. Knights.
Architect—Hutchison & Mills, 1214 Webster St., Oakland.
Contractor—Leslie Wilson, 3051 Benvenue, Berkeley.



WHITCO CASEMENT HARDWARE

Makes the Sash Self-adjusting. No Hinges or Adjusters Are Required.

It is Non-rattling.

All Hardware Is Entirely Concealed.

No Special Sash or Frame Detail Required.

One Size Hardware Fits All Sash.

May Be Installed to Swing to Right or Left.

Easily Fitted to Old or New Sash.

Outside of Sash Easily Washed From Inside of Room.

WHITCO HARDWARE takes the place of both hinges and adjusters.



Each set is packed in a neat carton 8 inches long and 1 inch square, which contains full installing instructions.

For Sale By All Dealers in Builders' Hardware

Manufactured by

VINCENY & SNEY COMPANY
DEALERS IN BUILDING SPECIALTIES
365 MARKET STREET
SAN FRANCISCO

Bids In
STORIES Cost, \$10,000
BERKELEY, Alameda Co., Cal. Ban-
croft Way and Telegraph Ave.
One-story terra cotta and brick store
building (2 stores).
Owner—Withheld.
Contractor—Hutchinson & Mills, 1214
Webster St., Oakland.

Plans Being Prepared.
STORE BLDG Cost, \$10,000
BERKELEY, Alameda Co., Cal. Shat-
tuck Ave.
One-story concrete store building.
Owner—Withheld.
Contractor—Hutchinson & Mills, 1214
Webster St., Oakland.

Owner Taking Sub-Figures.
STORE, ETC. Cost, \$90,000
SAN FRANCISCO, S Market St. 140 W
Marshall Square.
Three-story and basement brick store
and loft building, 50x140.
Owner—Symon Bros, 1525 Market St.,
San Francisco.
Designer & Contractor—R. McLeran Co.
Hearst Bldg., San Francisco.
Steel Sash to Michel & Pfeffer, 1425
Harrison St.
Iron Works to Schrader Iron Works,
1247 Harrison St.

Sub-Contracts Awarded.
STORE Cost, \$44,124
SAN FRANCISCO, Market St. 150 W
Marshall Square.
One-story basement and mezzanine
floor reinforced concrete furniture
store.

Owner—Hope Realty Co., 1021 Hearst
Bldg., San Francisco.
Architect—Geo. E. McCrea, 369 Pine St.,
San Francisco.
Contractor—J. Cohn, 110 Sutter
St., San Francisco.

Electric Wiring—Shipman & Lauer,
1318 Polk St., San Francisco.

Plumbing—Vincent Powers, 180 Jessie
St., San Francisco.

Reinforcing Steel—Bald-Falk Co., 74
New Montgomery So., S. F.

Roofing—Bender Roofing Co., 180 Jes-
sie St., San Francisco.

Plastering—Harley Liston, 147 29th St.,
San Francisco.

Sidewalks—P. H. Jackson & Co., 237
First St., San Francisco.

Ornamental Iron—Michel & Pfeffer
Iron Works, 1415 Harrison St., San
Francisco.

Contracts on other portions of the
work will be let later.

Sub-Contracts Awarded.
STORE & LOFT Cost, \$90,000
OAKLAND, Alameda Co., Cal. W Tele-
graph Ave. 95 N Sixteenth St.
Six-story concrete store and loft
building.
Owner—D. J. Sullivan, 918 Harrison St.,
San Francisco.

Architect—F. M. Donovan, Tapscott
Bldg., Oakland.

Contractor—Barrett & Hilp, 357 12th
St., Oakland.

Heating to Scott Co., 381 11th Street,
Oakland.

Steel Sash—U. S. Metal Products, 330
10th St., San Francisco.

Sprinkler System—Grinnell Co. of the
Pacific, 5th and Brannan Sts., San
Francisco.

Elevator—Spencer Elev. Co., 166 7th
St., San Francisco.

Fire Escapes—Polson Street Iron Wks.
10th and Polson Sts., S. F.

Lumber—Sunset Lumber Co., 1st and
Water Sts., Oakland.

Sub-bids are being taken on other
portions of the work.

Plans to be Prepared.
ALTERATIONS Cost, \$—
SAN JOSE, Santa Clara Co., Cal. 2nd
and San Fernando Sts.

Remodel two-story store and loft
building.

Owner—J. Eisenbach, San Francisco.
Architect—A. H. Knoll, Hearst Bldg.,
San Francisco.

Contract Awarded.
STORE Cost, \$11,500
OAKLAND, Alameda Co., Cal. NE cor.
47th and Grove St.

One-story store building.

Owner—A. Kalman and Clayton H.
Bush, 128 E-14th St., Oakland.

Architect—None.
Contractor—A. Ortizow, 3329 West St.,
Oakland.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$25,000
OAKLAND, Alameda Co., Cal. S Moss
Ave. opp. Howe St.
Two-story 28-room frame and concrete
office building.

Owner—Drs. Mead & Sutherland.
Architect & Contractor—Wm. Knowles
1214 Webster St., Oakland.
Grading to Arris-Knapp Co., 477 Rich
St., Oakland, Cal.

Concrete to J. H. Fitzmaurice, 351 12th
St., Oakland.

Brick to Steven McPherson, 17th and
Telegraph, Oakland.

Lumber to Bonded Floors Co., Inc., 1404
Franklin St., Oakland.

Plumbing to Fearey & Moll, 1075 40th
St., Oakland.

Galvanized Iron to Robert Dalziel, Jr.,
215 Washington, Oakland.

Glass to W. P. Fuller & Co., 259 10th
St., Oakland.

Title to Gladding-McBean & Co., 22nd
Market St., Oakland.

Electric work to Kenyon Elec. Co., 526
13th St., Oakland.

Painting to Jas. H. Cobbledick Co., 1818
Harrison St., Oakland.

Plastering to Wm. Makin, 1048 Excel-
sior Ave., Oakland.

Stairs to E. D. Philbrick Co., 41 Sheri-
dan St., Oakland.

Tile flooring to The Rigney Tile Co.,
2148 Telegraph Ave., Oakland.

Hardwood floors to A. Walburg, 2336A
McKinley St., Oakland.

Mill work to Sunset Lumber Co., 1st
and Water St., Oakland.

Windows to U. S. Metal Products, 330
10th St., San Francisco.

Simplex window fittings to Kawneer
Mfg. Co., 8th & Dwight Way, Berke-
ley.

Roof to A. K. Goodmundson, 2140 San
Pablo St., Oakland.

Sub-Contracts Awarded.
STORE Cost, \$10,000
SAN FRANCISCO, SW Fourth and
Clara Sts.

One-story and mezzanine floor Class
C store.

Owner—Barrett & Hilp, 918 Harrison
St., San Francisco.

Architect—R. W. Jenkins, 243 Diamond
St., San Francisco.

Electrical Work to Victor Lemoge, 281
Natoma St., San Francisco.

Plumbing—Ahlbach & Mayer, 85 Dor-
land St., San Francisco.

Glassing—H. Lindewald, 1852 Bell St.,
San Francisco.

Plastering—Crawe Glass Co., 574 Eddy St.,
San Francisco.

Roofing—Fibersone and Roofing Co.,
51 Ringold St., San Francisco.

As previously reported Steel Sash
awarded to U. S. Metal Products, 330
10th St., San Francisco.

Disraeli said: "Confidence is a plant of slow growth." The confidence which architects, contractors, and owners everywhere have in Quandt-quality painting and decorating service has been established through the strictest adherence to the highest standards during the past 40 years. Whether the job be large or small, our paramount interest is to achieve the best result and give full value for every dollar expended. Quandt-quality service is a dependable service and will fulfill all your requirements.

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SAN FRANCISCO
LOS ANGELES

CHICO, Butte Co., Cal.—Floyd Hann,
Chico, awarded contract by H. Silber-
stein and William Wise to erect one-
story reinforced concrete (4) stores
with pressed brick front, in Broadway
bet. 5th and 6th Sts.

Plans Being Prepared.
STORE BLDG. Cost, \$30,000
SAN FRANCISCO, W Mission S 20th.
One-story reinforced concrete store
building.

Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg.,
San Francisco.

Construction can not be started until
after Jan. 12, 1925.

Bids are now being taken for wreck-
ing the present building.

Contract Awarded.
STORE, SHOP BLDG. Cost, \$30,000
OAKLAND, Alameda Co., Cal. 10th and
Oak Sts.

Two-story concrete store and shop
building.

Owner—J. W. Barrett, 1301 Leaven-
worth St., S. F.

Architect—E. T. Foulkes, 351 12th St.,
Oakland.

General Contractor—C. W. Norman, 844
45th St., Oakland.

Being Done by Day's Labor.
STORE BLDG. Cost, \$20,000
PALO ALTO, Santa Clara Co., Cal.

One-story reinforced concrete store
building, 50x95, (3 stores).

Owner—Wm. Cranston, Alexander
Bldg., San Francisco.

Architect—Powers & Ahnden, 460
Montgomery St., San Francisco.

Plans Complete.
ALTERATIONS Cost, \$10,000
SAN FRANCISCO, Divisadero St., near
Haight.

Alter theatre into a first class mar-
ket 60 x 120 (tile work, plumbing,
etc.).

Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Contract Awarded.
STORES Cost, \$10,000
BERKELEY, Alameda Co., Cal. No.
1491-3-5-7 Grove St.

One-story concrete stores.

Owner—F. E. Romie, 2655 Dwight Way,
Berkeley.

Architect—Hutchinson & Mills, 1214
Webster St., Oakland.

Contractor—Leslie Wilson, 3051 Ben-
venue, Berkeley.

Plans Being Figured.
MARYS BLDG. Cost, \$100,000
MARYSVILLE, Yuba Co., Cal. Fourth
Street.

Seven-story steel frame and brick of-
fice and store building with plaster
exterior.

Owner—Hart Bros., 520 K St., Sacra-
mento.

Architect—Coates & Traver, Rowell
Bldg., Fresno.

Bids are being taken for a general
contract with separate bids for heating
and plumbing. Plans may be obtained
from the owner.

Contract Awarded.
STORE BLDG. Cost, \$10,000
OAKLAND, Alameda Co., Cal. N Broad-
way 150 N 49th St.

One-story store building.

Owner—J. L. Harvey, 178 Grand Ave.,
Oakland.

Architect—None.
Contractor—L. Severns, 178 Grand
Ave., Oakland.

Additional Sub Contracts Awarded.
ADDITION Cost, approx. \$400,000
SAN FRANCISCO, SE Second & Bryant
Sts.

Four-story and basement reinforced
concrete and steel addition to litho-
graph plant, 240x140.

Owner—Schmidt Lithograph Co., 2nd
and Bryant Sts., San Francisco.

Engineers—Maurice Couchot and Jesse
Rosenwalt, 60 Sansome St., S. F.

Contractor—R. McLeran Co., Hearst
Bldg., San Francisco.

Plastering to Herman Bosch, 429 Ful-
ton St., San Francisco.

Steel rolling doors to Pacific Materials
Co., 525 Market St., S. F.

Steel sash to Detroit Steel Products Co.
251 Kearny St., San Francisco.



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

Manufacturers of

ENCLOSED EXTERNALLY OPERATED SAFETY SWITCHES, KNIFE SWITCHES, METAL SWITCH AND CUT-OUT BOXES, SAFETY SWITCH BOARDS

247 MINNA STREET

SAN FRANCISCO

Phone Sutter 3008

Structural Steel Award—Sub-bids Being Taken on Other Portions of the Work.

ALTERATIONS Cost, \$16,860
SAN FRANCISCO, W Nineteenth Ave., 250 S Kirkham St.

Alterations and additions to class A telephone exchange building (Sunset office).

Owner—The Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.

Architect—Architectural Dept. of Owner, E. V. Cobby, in charge.

Contractor—Monson Bros., 254 Kearny St., San Francisco.

The Pacific Rolling Mill Co., 17th and Mississippi Sts., San Francisco, was awarded sub-contract for the structural steel.

Contract Awarded. Cost, \$22,000
BUSINESS BLDG.
SAN JOSE, Santa Clara Co., Cal. Santa Clara and Tenth Streets.

Two-story frame business building.

Owner—M. De Sando, 118 E-Santa Clara St., San Jose.

Architect—D. Walton, Alameda and Stockton Sts., San Jose.

Contractor—Boulter & Walton, Alameda and Stockton Sts., San Jose.

Plans Being Prepared.

ADDITION Cost, \$—
SAN JOSE, Santa Clara Co., Cal., Market Street.

Six-story class A addition to present office and exchange bldg.

Owner—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.

Architect—Architectural Dept. of owner, Mr. C. V. Cobby in charge.

The steel has been awarded to the Judson Mfg. Co., 604 Mission St., S. F., at \$23,000. Plans have just been started.

Preliminary Plans Being Prepared.

BANK, ETC. Cost, \$—
SAN JOSE, Santa Clara Co., Cal. First and Santa Clara Streets.

Class A bank and office building.

Owner—Bank of Italy.

Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

REDWOOD CITY, San Mateo Co., Cal.—Adolph Spuehler, owner of Enterprise Bakery, 55 Broadway, has purchased site in Broadway with 25 foot frontage and plans early construction of two-story building; bakery and store on ground floor with 6-room living apartment above.

LOS ANGELES, Cal.—Archts. Dodd & Richards, 905 Brack-Shops Bldg., are preparing working plans for a 12-story and basement class A reinf. conc. bank and office bldg. at n.e. cor. of Main and Commercial Sts., for Pac. Southwest Trust & Savings Bank. Dimen. 45 by 125 ft. reinf. conc. frame and fls. brick walls, terra cotta and press. br. facing, plate glass, marble and tile wk. hrdwd. trim, steam htg., elevators; \$1,000,000.

LOS ANGELES, Los Angeles Co., Cal.—Clinton Construction Co., 421 Stock Exchange Bldg., was low bidder at \$187,997 for general work for class A bank and office bldg. addition on Spring St. near Sixth St., adjoining Trust & Savings building, for Pacific Southwest Trust & Savings Bank. John Parkinson and Donald E. Parkinson, 420 Title Insurance Bldg., archts; R. McC. Beanfield, Trust & Savings Bldg., engineer. Dimensions, 60 x 160 ft., reinf. conc. construction. structural steel, terra cotta facing, alterations to present bldg. The bids were: Clinton Construction Co., \$187,997; J. C. Banister, \$191,500; Sumner-Sollitt Constr. Co., \$200,000; W. A. Brown, \$187,800; Anton Johnson Co., \$200,980. Bids taken under advisement.

BURLINGAME, San Mateo Co., Cal.—Ernest L. Norberg, 533 Market St., San Francisco is preparing the preliminary plans for a building to be erected on Park Road for Judge Joseph V. Gaffey, Burlingame, which will probably consist of five offices and two apartments, and probably be of reinforced concrete construction, although this has not been definitely decided. The dwelling house in which Judge Gaffey now resides, will be moved from its present site on Park Road, to a lot on Highland Avenue, near Bayswater.

LOS ANGELES, Cal.—L. A. Smith, 301 S Western Ave., has prepared preliminary plans for two 2-story reinf. conc. and brick office and film exchange bldgs. on Vermont Ave., bet. Washington and 20th Sts., for M. and A. L. Gore. One of the Bldgs. will be 270 by 130 ft. and the other 150x130 ft.; stucco exter., tile rf. stone trim, wrought iron, plate glass and marble stone fronts. Work to start Jan. 1, 1925.

PASADENA, Los Angeles Co., Cal.—John H. Simpson has gen. contr. at \$48,866 for 1-story and mezzanine bank bldg. on Colorado St. near Marengo Ave., Pasadena, for Central National Bank; art stone work to Brooks Are Stone Corp. at \$4982; plumbing, S. Wyman Tyler at \$1687; heating, Pasadena Sheet Metal Wks. at \$1310 and elec. wiring, W. E. Langstaff at \$1194.

THEATRES

Bids to be Called For in About a Week.

THEATRE, ETC. Cost, \$100,000

BERKELEY, Alameda Co., Cal. Bancroft W. of Telegraph Ave.

Steel and reinforced concrete theatre and store building.

Owner—Frank Atkins.

Architect—James T. Nabrett, 910 MacDonald Ave., Richmond.

POSITION WORKS MANAGER

Young man seeks opening with manufacturer of sheet metal or light structural steel products, or a standard product, heating and ventilating systems, building material, etc. Able organizer of plant and employees, shop and cost systems, improver of products. member American Society Mechanical Engineers, best of reference. Possible future financial investment.

Address to Engineer, 1920 East 17th St., Oakland, Calif.

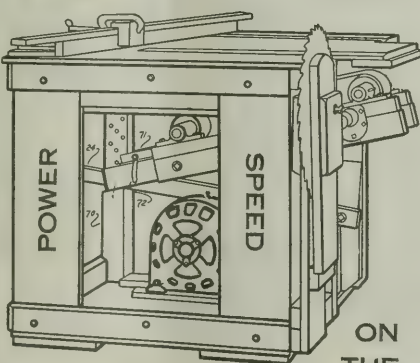
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SAN FRANCISCO, CALIFORNIA

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1924

Contract Awarded—Sub-Figures to be Taken.

STORES Cost, \$225,000
SAN FRANCISCO, E Guerrero St., bet. 15th and 16th Sts.
 One-story concrete pavilion and stores.
 Owner—Louis K. Lurie and Ralph McLeran.
Architect—Weeks & Day, 315 Montgomery St., S. F.
Contractor—R. McLeran Co., Hearst Bldg., S. F.

Hlds Being Taken.
THEATRE, ETC. Cost, \$100,000
BERKELEY, Alameda Co., Cal. Bancroft W. of Telegraph Ave.
 Steel and reinforced concrete theatre and store building.
 Owner—Frank Atkins.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

General bids (including carpentry work, sash and doors, glass, tile, sash bars, roofing, sheet metal, concrete and cement work, excavating, masonry, terra cotta and painting) will be opened at 2 p. m., December 3rd, 1924. Bids for structural steel will be opened at 11 a. m. December 2nd, 1924.

Millwork and Structural Steel Awards.
STORE & THEATRE Cost, \$100,000
SAN MATEO, San Mateo Co., Cal. Third Avenue.

Reinforced concrete store and theatre building.
 Owner—B. Getz. Chronicle Building, San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., S. F.

Millwork—Reinhart Lumber & Planing, Mill Co., 17th & Kansas St., S. F.
Structural Steel—Herrick Iron Works, 18th & Campbell, Oakland.

Other sub-contract awards previously reported are: Reinforcing Steel, Badt Falk Co., 74 Montgomery St., S. F.; Lumber, Duffield Lumber Co., 607 Main St., Palo Alto; Plumbing, Morrison & Blair, 415 Villa Terrace, San Mateo; Miscellaneous Iron, Herrick Iron Works, 18th & Campbell Sts., Oakland, and Ornamental Iron Work to Stark Ornamental Iron Works, 2171 Folsom St., S. F.

HOLLYWOOD, L. A. Co., Cal.—Archts Starratt & Payne, 426 Western Mutual Life Bldg., Los Angeles, have completed preliminary plans for class A Moorish theatre on W side Vine St., about 100 ft. n of Hollywood Blvd., Hollywood, for the Hollywood Amusement Co.; seating capacity 1100 people; there will be stores, studios, tea rooms, etc.; \$500,000.

KELSO, Wash. — Kelso Amusement Co., Inc. (recently organized) owners of the Vogue Theatre at Kelso, plans early construction of \$100,000 theatre in Kelso.

PASADENA, L. A. Co., Cal.—A. Bard, Union Oil Bldg., Los Angeles, has cont. for 2-story and basement class A and C theatre, store and office bldg., at 903-1003 E Colorado St., for Mr. Lou Bard, L. A. Smith, des., 201 Lilly-Fletcher Bldg., Los Angeles; seating capacity with balcony, \$2500, 11 stores, 21 offices, 115x227 ft., reinf. conc. and steel, art stone front, comp. rfs., skylights, fire doors, sprinkler sys. on stage, hardwood, cem. and pine fls., ornam. plas., plate glass, tile and marble, fan sys. of vent; \$200,000.

WHARVES & DOCKS

Plans Being Figured — Bids Close Dec. 4, 1924, 2 P. M.

PIER, ETC. Cost, \$1,000,000
SAN FRANCISCO, Pier No. 50.
 Pier and bulkhead wharf, creosoted piles and timber and concrete piles with concrete deck 600 x 400 ft.

Owner—State Board of Harbor Commissioners.

Engineer—Frank G. White, Ferry Bldg., San Francisco.

Plans may be obtained from the engineers' office. Bids are being taken for a general contract.

Plans Being Prepared.
SEAWALL & WHARF Cost, \$500,000
SAN FRANCISCO, S side Islais Creek, E of 3rd Street.

Construction of loose rock seawall for reclaiming 26-acres and construction of wharf.

Owner—State of California.

Architect—Frank G. White, chief engr. State Harbor Commission, Ferry Bldg., San Francisco.

It is planned to construct a loose rock seawall, about 1500 ft. long, also to construct a wharf 100 ft. wide along side of the seawall, its entire length, reclaiming about 26 acres of submerged land.

SAN FRANCISCO—As previously reported, bids will be received by State Board of Harbor Commissioners, Ferry Bldg., up to Dec. 4, 2 P. M., to construct pier and bulkhead wharf (creosoted piles and timber and concrete piles with concrete deck, 60 by 400 ft.) to be known as Pier No 50; est. cost, \$1,000,000. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Harbor Comm. has started consr. of open wharf of new U. S. F. Ry. terminal at east San Pedro. This is first unit of Slip No. 3, and will cost \$57,000, including about 800 ft. of frontage. The whole project is est. to cost, \$175,000. Constr. of wharves at Berth 228, A and B, will be of creosoted piling. Engrs. J. W. Ludlow and John Shaw in charge.

LOS ANGELES, Cal.—Until 2 p. m., Nov. 28, bids will be rec. by harbor comm., 312 Byrne Bldg., for fender logs for wharf at Berths 57 to 60, Spec. 682 on file at office of harbor engr., Berth 90, San Pedro.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
INDUSTRIAL HOME Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. 573 Market.
 Two-story brick industrial home. Owner—The Salvation Army, 36 McAllister St., San Francisco.
Architect—R. F. Inwood, 36 McAllister St., S. F.
 Supt. and Contractor—G. T. Gayton, 36 McAllister St., S. F.

TRACY, San Joaquin Co., Cal.—Until Dec. 10, 8 p. m., bids will be rec. by W. Schlossman, secy. Santa-Carolina Irrigation District, to fur. Portland Cement, under Contract No. 5; to be delivered in carload lots, f. o. b. District may elect: S. F. R.R. at Tracy, Yarmouth or Lyoth; on W.P.R.R. at Carhona or Fitz. Cert. check \$2000 payable to dist. req. with bid. W. D. Harrington, Tracy, Thos. H. Means, engineers for district, 369 Pine St., San Francisco. Further information obtainable from secretary.

RICHMOND, Contra Costa Co., Cal.—John Weist of Seattle, Wash., has taken options on the northeast and southwest corners of Macdonald Ave. and Tenth street in addition to two lots in the south side of Macdonald Ave., bet. 10th and 11th Sts. Early improvements are contemplated, the nature of which have not been disclosed.

SANTA MONICA, L. A. Co., Cal.—Santa Monica Exposition, Inc., E. W. McConnell, engr., 640 S Oxford Ave., Los Angeles, has been granted permit by state corporation dept. authorizing issuance and sale of \$3,000,000 worth of stock to finance amusement park on 25-acre site near Lincoln Park.

WATSONVILLE, Santa Cruz Co., Cal.—Mayor F. W. Atkinson has forwarded petition to Southern Pacific R. R., which has been signed by 100 of the businessmen of the city, seeking the erection of a new freight and passenger depot.

RED BLUFF, Tehama Co., Cal.—Officials of Southern Pacific R. R., 65 Market St., San Francisco, have been in Red Bluff regarding erection of new freight and passenger depot.

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City State

Official Proposals

NOTICE TO CONTRACTORS (Oakdale Irrigation District)

Scaled proposals for the construction of three drainage ditches and concrete pipe lines, one drainage ditch, one concrete pipe line drain and five concrete pipe culverts in the Oakdale Irrigation District, will be received by the Board of Directors of said District at its office in Oakdale, California, at any time up to 2 o'clock P. M., December 28th, 1924, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work to the lowest responsible bidder, but said Board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited is the furnishing of all materials for and the construction of the drainage ditches, pipe lines and culverts aforesaid, described as follows:

Schedule No. 1.

Schedule No. 1 is a drainage ditch and pipe line known as the "Boardman Drain," located about 2 1/4 miles N. W. of Oakdale. It consists of about 1 1/2 miles of open ditch or approximately 11,716 1/2 cu. yds. of excavation, three 20 in. concrete pipe culverts 24 feet long with suitable bulkheads, and of trenching, backfilling and laying of about 300 lineal feet of 18 in. concrete pipe with a concrete inlet box. The excavation of the trench for pipe consists of approximately 689.3 cu. yds.

Schedule No. 2.

Schedule No. 2 is a drainage ditch and pipe line known as the "Patterson Drain," located about 3 1/4 miles N. W. of Oakdale. It consists of about 3/4 miles of open ditch or approximately 4750 1/2 cu. yds. of excavation and of the trenching, backfilling and laying of about 1683 lineal feet of 12 in. concrete pipe with a concrete inlet box. The excavation of the trench for pipe consists of approximately 4169.8 cu. yds.

Schedule No. 3.

Schedule No. 3 is a drainage ditch and pipe line known as the "Peterson Drain," located about 6 miles N. W. of Oakdale. It consists of about 3/4 miles of open ditch or approximately 6224 cu. yds. of excavation, two 12 in. concrete pipe culverts 50 feet long with suitable bulkheads, and of the trenching, backfilling and laying of about 655 lineal feet of 12 in. concrete pipe with a concrete inlet box. The excavation of the trench for pipe consists of approximately 198.9 cu. yds.

Schedule No. 4.

Schedule No. 4 is a drainage ditch known as the "Brandt Drain" located 3 miles S. W. of Oakdale. It consists of about 2 1/4 miles of open ditch or approximately 3878 cu. yds. of excavation, two (2) 24 in. concrete pipe culverts 24 feet long with suitable bulkheads and one (1) 24 in. concrete pipe culvert, 72 feet long, with suitable bulkheads.

Schedule No. 5.

Schedule No. 5 is a pipe line drain known as "Minnear Drain" located 1 mile N. W. of Riverbank. It consists of the trenching, the laying and backfilling of 96 lineal feet of 8 inch concrete pipe, and the construction of five wells, each well consisting of 10 lineal feet of 24 in. concrete pipe.

Proposals will be received for any schedule or any combination of schedules.

All proposals must be in writing and must be upon forms furnished by the Board with blanks to be properly filled in and must be enclosed in a sealed envelope endorsed.

"Proposal for the construction of schedule. (The bidder shall insert the number of the schedule to which he is bidding) known as (The bidder shall insert the name of the ditch cor-

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

responding to the above schedule)," and the same shall be delivered to the Secretary of the Board of Directors of the Oakdale Irrigation District before the time for opening said proposals.

Scaled proposals must be accompanied by a certified check on some bank of good standing in the State of California, payable to the order of the President of the said Board of Directors for the amount of 5 per cent of the bid, which check shall be returned to bidder if his bid be not accepted, or if he executes and delivers the contract and bond hereinafter mentioned, and if such contract be awarded to said bidder and he fails to enter into such contract and furnish said bond then his check shall be and remain the property of said District.

Any person to whom a contract may be awarded shall within ten days after notice of said award make, execute and deliver to said Board a written contract satisfactory to said Board said contract to be in the form provided by the Board of Directors and which is on file in the office of said contract at the time and in the manner and according to and upon the terms prescribed by this notice and shall at said time enter into bonds with good and sufficient surety to be approved by said Board payable to said District for its use as follows:

A bond in the amount of 25 per cent of the contract price contained for the faithful performance of said contract, and also a bond in the sum of 50 per cent of the contract price for the faithful performance of the payment of all labor, work, supplies and materials.

Plans and specifications for the work described herein have been prepared by R. E. Hartley, Chief Engineer, and adopted by said Board of Directors of said Oakdale Irrigation District, and said plans and specifications may be seen at the office of said Board.

By order of the Board of Directors of the Oakdale Irrigation District.
Dated at Oakdale, California, the 6th day of November, 1924.

M. P. KEARNEY,
Secretary of the Board of Directors.

NOTICE TO CONTRACTORS

(Hardware, Electric Fixtures, Kern County Union High School Dist.)

Notice is hereby given that the Board of Trustees, Kern County Union High

School District, Bakersfield, California, will receive sealed bids at the office of the Board up to 8 P. M., December 1, 1924, for the following items for the Academic Building.

1. Electric Fixtures in accordance with list and specifications furnished by the Architect, to be furnished and hung in place in complete working order.

2. Finish Hardware, to be furnished in accordance to list and specification furnished by Architect and delivered to General Contractor on the job.

Each bid must be accompanied by a certified check or Bidders' Bond in the amount of at least ten per cent of the amount bid. Such check to be made payable to the Board of Trustees, Kern County Union High School District, and will be forfeited to said Board should successful bidder fail to enter into contract for said work within a reasonable time and in addition thereto furnish satisfactory surety bonds in the amount of seventy-five per cent of the contract price.

The Board of Trustees reserves the right to reject any or all bids or to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, Bakersfield, California, made November 3rd, 1924.

W. J. WALTERS,

President.

BOYCE R. FITZGERALD,

Clerk.

NOTICE TO CONTRACTORS

(Forge Shed—Monterey, Calif.)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif.—Sealed proposals will be received here until 11 A. M. Nov. 24, 1924, for constructing a wooden or steel frame forge shed at Presidio of Monterey, Calif. Information upon application.

NOTICE TO BIDDERS

(Petaluma Board of Education—Steel Lockers)

Notice is hereby given that the Trustees of Petaluma High School District will receive sealed bids for the furnishing and installing of Five Hundred and Fifty (550) Steel Lockers, 12x12x36 in double tiers. Bids should specify either with or without locks. Same and specifications to be submitted. Each bid shall be accompanied by check equal to 10 per cent of the amount bid, to be forfeited if such bid is accepted and such bidder shall fail to enter into a contract for installing said lockers on or before January 1st, 1925.

Bids must be filed with the Board of Education at its office in the City Hall, Petaluma, on or before 8 o'clock P. M., on the 28th day of November, 1924, at which time bids will be opened at a meeting of the Board of Education, to be held for that purpose in the City Hall, Petaluma.

The Board reserves the right to reject any and all bids.

BOARD OF EDUCATION,

Petaluma School District.

Dated November 12, 1924.

NOTICE TO CONTRACTORS

(Turlock Union High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Turlock Union High School District, Stanislaus County, State of California, up to 8 P. M. Monday, December 1, 1924, for the erection and completion of the Auditorium Building in connection with the present High School Building in the City of Turlock, California, according to plans and specifications prepared

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

for the same by W. H. Weeks, Architect.

Bids will be received as follows: General Contract with its alternate propositions, Heating and Ventilating. All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by certified check on responsible California Bank in the sum of not less than five per cent (5%) of the amount bid made payable to James C. Nichols, Chairman of the Board of Trustees of the Turlock Union High School District for the purpose stated in the specifications.

Each bid must be delivered in a sealed envelope, and addressed to A. C. Crowell, Clerk of the Board of Trustees, and endorsed:

"Proposal for Auditorium Building for Turlock Union High School District."

The Board reserves the right to reject any and all bids.

A. G. CROWELL,
Clerk of the Board of Trustees, Turlock Union High School District.

NOTICE TO BIDDERS

(Town of Livermore—Road Machinery)

Pursuant to Resolution passed by the Board of Trustees of the Town of Livermore on November 13, 1924, Notice is hereby given that the said Board of Trustees of the Town of Livermore will receive sealed bids up to 8:00 o'clock P. M. on Monday, the 1st day of December, 1924, at the Town Hall in the Town of Livermore, County of Alameda, State of California, for road machinery as follows, to-wit:—

Motor propelled road machinery, consisting of motor and grader and said machinery to be operated under own power.

All machinery to be demonstrated on the streets of Livermore under the supervision of the Board of Trustees, before submitting bids.

Bidders must submit plans, designs, specifications and photos of their machine.

Said motor propelled road machinery to cost not more than \$3000 f. o. b. Livermore, California.

All proposals shall be accompanied by a check, certified by responsible bank, payable to the order of Elmer G. Still, Town Clerk, for an amount not less than ten (10) per cent of the aggregate of the proposal, which check and the amount thereon mentioned shall be forfeited to the Town of Livermore, if the bidder to whom the contract was awarded fails to enter into the contract and furnish the bonds required by Board of Trustees, within ten (10) days after being awarded said contract.

Said machinery to be delivered f. o. b. Livermore, California, within sixty (60) days after the execution of the contract purchasing said machinery.

The Board of Trustees reserves the right to reject any and/or all bids.

Dated: November 17th, 1924.
ELMER G. STILL,
Town Clerk of the Town of Livermore, County of Alameda, State of Calif.

NOTICE TO CONTRACTORS

(Pier 50—State Board of Harbor Commissioners)

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, November 13, 1924.

Sealed proposals for this work will be received at this office at or prior to 2 o'clock P. M., Thursday, December 4, 1924, for furnishing materials and constructing Pier 50 and Adjacent Bulkhead Wharf, on the waterfront of the City and County of San Francisco, in accordance with plans and specifications adopted by the Board November 2nd, 1924, and on file in this office, to which special reference is hereby made.

The work to be done under the specifications consists in removing such portions of abandoned existing structures as are within the lines and which will interfere with the construction of the new work, furnishing all necessary materials (except Portland cement, rails and fittings and creosoted piles, which will be furnished to the Contractor by the Board), labor, tools, machinery and equipment

for the construction of Pier 50 and adjacent bulkhead wharf.

The materials to be used in this work shall consist of the requisite quantities of Portland cement, rails and fittings, creosoted piles, fine concrete aggregate, coarse concrete aggregate, steel reinforcement, castings, structural steel, heavy timbers, Douglas fir lumber, light treated Douglas fir lumber, untreated Douglas fir piles, eucalyptus pile butts, asphalt for paint coat, bolts, spikes and miscellaneous materials. Portland cement, rails and rail fittings and creosoted piles will be furnished to the Contractor by the Board. All other materials shown on the plans called for in the specifications shall be furnished by the Contractor.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, and intimated that if the proposal is accepted, and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary, at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 2 o'clock P. M., on Thursday, December 4, 1924, at which time and place the bids will be publicly opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing \$30.00 for same, which will be returned on return of plans and specifications.

Bidders are notified to mark envelope containing bid: "Bid for Constructing Pier 50 and Adjacent Bulkhead Wharf."

CHAS. H. SPEAR,
M. F. COCHRANE,
JOHN B. SANFORD,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
J. L. PHELPS, Secretary.

NOTICE TO CONTRACTORS

(China Basin Terminal—State Board of Harbor Commissioners)

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, November 13, 1924.

Sealed proposals for this work will be received at this office at or prior to 2 o'clock P. M., Thursday, December 4, 1924, for furnishing materials and constructing the building for the China Basin Terminal, on the waterfront of the City and County of San Francisco, in accordance with plans and specifications adopted by the Board September 2, 1924, and on file in this office, to which special reference is hereby made.

The work to be done under the specifications consists in removing such portions of existing structures as are within the lines and which will interfere with the construction of the new work, furnishing all necessary materials (except Portland cement, which will be furnished to the Contractor by the Board), labor, tools, machinery and equipment for the construction of a building for the China Basin Terminal.

The materials to be used in this work shall consist of the requisite quantities of Portland cement, steel rails, hydrated lime, planing sand, fine concrete aggregate, coarse concrete aggregate, steel reinforcement, structural steel, cast iron, galvanized iron, green pipes, vitrified pipe, wrought pipe, roofing asphalt, roofing felt, window sash, painting materials, plumbing fixtures and such other materials as are called for in the plans and specifications. Portland cement will be furnished by the Board. All other materials shown on the plans or called for in the specifications shall be furnished by the Contractor.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, and intimated that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary, at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 2 o'clock P. M., on Thursday, December 4, 1924, at which time and place the bids will be publicly opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing \$10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid: "Bid for Constructing the Building for China Basin Terminal."

CHAS. H. SPEAR,
M. F. COCHRANE,
JOHN B. SANFORD,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
J. L. PHELPS, Secretary.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 1200 Main Building, Sacramento, Cal., until 2 o'clock p.m. on December 15, 1924, at which time they will be publicly opened and bids for construction, in accordance with the specifications attached, to which special reference is made, of portions of State Highway, as follows:

Shasta County, between Halfway Creek and Biggs (H 14-3-C), about ten and eight-tenths (10.8) miles in length, to be graded and surfaced with crushed gravel or stone.

Plans may be seen, and forms of proposal, bonds, and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work to be contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office. No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notes on Contracting" contained in blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS E. EDWARDS,
A. T. EDWARDS,
California Highway Commission.
R. M. Morton,
State Highway Engineer.
W. F. MIXON, Secretary.

Engineering News Section

BRIDGES

ETREKA, Humboldt Co., Cal.—Bids will be asked at once by A. Walter Kildale, city clerk, to const. bridge over Gulch at Harrison St., connecting Harris St. with county road, will be wooden trestle type, 214-ft. long with 14 bents; 24-ft. wide, including 4-ft. pedestrians walks. Harry H. Hannah, city eng.

SAN LUIS OBISPO COUNTY, Cal.—C. C. Gildersleeve, Taft, Cal., at \$5106 (engineer's est. \$5653) awarded const. by State Highway Commission, to const. rein. conc. bridge, 21 ft. wide, across Simmons Creek, about 14 mi. east of Paso Robles, consisting of one 34 ft. and two 21 ft. spans on conc. bents.

TACOMA, Wash.—M. M. Caldwell, consulting engineer, Central Bldg., Seattle, commissioned by Pierce County Commissioners to prepare plans and spec. for bridge over Puyallup river at Puyallup; riveted steel span on conc. piers with conc. floors; 371 ft. long; 5 ft. walks on either side; load capacity 20 tons; \$84,000 available for construction.

SANTA ROSA, Sonoma Co., Cal.—R. Press Smith, Santa Rosa, at \$20,800 awarded const. by supervisors to const. rein. conc. trestle over the Laguna on the Santa Rosa-Guerneville rd., in 2nd and 3rd Supervisorial Dist., involving 380 cu. yds. a conc. 2700 lin. ft. conc. piles; est. cost \$22,500. Other bids: Tibbals, Percival and Cress, \$7314 (bid declared void); M. Bertolino, \$20,897; Rocca and Caletti, \$21,976; Proctor and Cleghorn, \$21,300.

A. D. Goddard, Healdsburg, at \$7951 awarded const. by supervisors to const. bridge over branch of Gualala river at Nobles Ranch in 5th Supervisorial Dist. involv. 270 cu. yds. a conc.; est. cost \$9000. Other bids: G. H. Howe, \$5100; R. P. Smith, \$8440; H. A. Richardson, \$3729; Tibbals, Percival and Cress, \$9,000; Proctor and Cleghorn, \$9553.

Tibbals, Percival & Cress, Forum Bldg., Sacramento, at \$7314 awarded const. to const. rein. conc. bridge over Mark West Creek on Fulton-Healdsburg rd., in 3rd Supervisorial Dist., involving 260 cu. yds. a conc.; est. cost \$8500. Other bids: R. Press Smith \$7440; Proctor & Cleghorn, \$7585; Gates and How, \$7690; M. Bertolino, \$8345; Rocci & Caletti, \$8249.

FRESNO, Fresno Co., Cal.—C. C. Gildersleeve, Taft, Cal., at \$1231 awarded const. by supervisors to const. conc. and w. c. bridge at Palm and Dakota avenues.

SAN LEANDRO, Alameda Co., Cal.—T. Nikirk (newly appointed city engineer) will start surveys at once to determine cost of widening bridge over San Leandro creek.

LONG BEACH, Cal.—City Engr. R. D. Van Alstine announces that concrete bridge over flood control channel at foot of Broadway will cost bet. \$150,000 and \$200,000. City and county will share the cost.

MADERA COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, until Dec. 8, 2 p. m., to const. rein. conc. girder bridge over Chowchilla river, consisting of five 25-ft. spans. Project involv. 210 cu. yds. class A cem. conc. (bridge); 15 cu. yds. class E cem. conc. (bridge); 360 cwt. rein. steel (bridge). 24 rein. conc. piles; 500 cu. yds. roadway embankment without classification; 40 cu. yds. rip rap; 40 cu. yds. class A cem. conc. (pavement); 80 sq. yds. rein. steel in place (pavement). R. M. Morton, state highway engineer.

STOCKTON, San Joaquin Co., Cal.—Richardson Bros., at \$4225 awarded const. by supervisors to const. Prest. hurly bridge over Dry Creek on Emerson road, No. 138. Other bids: Leventon & Heintze, \$6066; Jenkins & Elton, \$3357; M. E. White, \$4199.

IMPERIAL COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, until Dec. 8, 2 p. m., to const. wood trestle pile trestle over main canal of Yuma project, 1-mi. west of Yuma, consisting of five 19-ft. spans. Project involving 10.0 M ft. b.m. select common Douglas fir timber; 17.0 M ft. b.m. number one common Douglas fir timber; 1.6 M ft. b.m. number one common redwood timber; 28 creasoted Douglas fir piles; 220 sq. yds. type "B" wearing surface; Alternative items—220 sq. yds. type "A" wearing surface; 220 sq. yds. type "C" wearing surface. R. M. Morton, state highway engineer.

SAN JOSE, Santa Clara Co., Cal.—W. J. Hensley, Santa Clara, at \$1188 awarded const. by supervisors to const. 2 rein. conc. culverts over Kirk ditch on Casey road and old Santa Clara and Los Gatos road. Other bids were: Wm. Martin, \$1347; John D. Vidove, \$1333; Hirschbach and Sciarrino, \$1396; surveyor's estimate \$1260.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Marine Constr. Co., Seattle, sub. low bid to harbor comm. at \$34,880 for two wooden dump barges, spec. 657. L. A. Shipbuilding & Dry Dock Co. sub. a bid on all steel barges at \$40,000 each.

LOS ANGELES, Cal.—Breedlove Bros. & Co., 1612 San Pedro St., awarded const. by supervisors at 26.09c cu. yd. for const. Gardena Valley flood control channel.

IRRIGATION PROJECTS

EL CENTRO, Cal.—Bond election will be held latter part of December to vote \$140,000 issue for irrig. works to make available an additional 16,000 ac.

HANFORD, Kings Co., Cal.—Lemoore Irrig. Dist. files petition with supervisors to be inclosed in 1000 ac. Pine Flat Irrig. plan of Central San Joaquin Valley. The Lemoore dist. embraces more than 33,000 ac. in w. part of Kings county. Dec. 5 has been set for hearing.

Carbide Flare Lights
OxyAcetylene Equipment
Goggles—Respirators
First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

OXNARD, Cal.—American Beet Sugar Co. and Ventura county considering joint plans for a drainage system on approx. 7000 ac.; est. expenditure by company, \$500,000. Bridges and culv. are immediately necessary, and the company offered to advance funds if the county would do the work.

TRACY, San Joaquin Co., Cal.—Merced Concrete Pipe Co., Merced, bidding \$107,172.50, submits low bid to Banta-Carbena Irrigation District, to excavate, place conc. lining and furnish and install 48-in. pipe for lift canal system. W. D. Harrington, Tracy, and Thos. Means, 369 Pine St., San Francisco, engineers. Project involves: 323,000 cu. yds. earth excavation; 460,000 sq. ft. conc. lining; fur. and install 4150 lin. ft. 48-in. pipe. Cement will be furnished by dist. Other bids, all taken under advisement, were:

Haas & Doughy, S. F.	\$109,812
J. E. Baldwin, Ripon	108,530
J. E. Johnson, Stockton	109,797
Antloch Dredging Co., S. F.	120,092
Youldall Constr. Co., S. F.	120,830
Frank Gleason, L. A.	140,540
Blumenkranz & Vernon, Stockton	137,930
C. R. Adams, Colfax	139,950

TRACY, San Joaquin Co., Cal.—Until Dec. 10, 8 P. M. bids will be rec. by W. Schlossman, sec'y., Banta-Carbena Irrigation District, to fur. Portland Cement, under Contract No. 5; to be delivered in carload lots, 500 b. at any of the following stations as the district may elect: S. P. R. R. at Tracy, Yarmouth or Lyoth; on W. P. R. R. at Carbena or Eliz. L. A. Check \$2000 payable to dist. reg. with bid. W. D. Harrington, Tracy, Thos. H. Means, engineers for district, 369 Pine St., San Francisco. Further information obtainable from sec'y.

OKADALE, Stanislaus Co., Calif.—Until Dec. 23, 2 p. m., bids will be rec. by M. P. Kearney, sec'y., Okadale Irrigation District, to const. three drainage ditches and conc. pipe lines, one drainage ditch, one conc. pipe line drain and five conc. pipe culverts, divided under the following schedules:

Schedule 1—Drainage ditch and pipe line, known as "Boardman Drain," about 2 1/2-mi. n.w. of Okadale; consists of 1 1/4-mi. open ditch, involv. 41,767 cu. yds. excavation; 3 20-in. conc. pipe culverts, 24-ft. long with bulkheads, trench, backfill and laying of 300 lin. ft. 16-in. conc. pipe with conc. inlet box; excavation of trench for pipe involving approx. 689.3 cu. yds.

Schedule 2—Drainage ditch and pipe line, known as "Patterson Drain," about 3 1/2-mi. n.w. of Okadale; consists of about 3/4-mi. open ditch involving 4785.1 cu yds excavation and of trench, backfill and laying of 1683 lin. ft. 12-in. conc. pipe with conc. inlet box; excavation of trench about 4189.8 cu. yds.

Schedule 3—Drainage ditch and pipe line, known as "Peterson Drain," about 6-mi. n.w. of Okadale; consists of 1/4-mi. open ditch involv. 189.8 cu. yds. excavation; 2 12-in. conc. pipe culverts, 50-ft. long with bulkheads; trench, backfill and lay 655 lin. ft. 12-in. conc. pipe with conc. inlet box; trench excavation for pipe involv. 189.8 cu. yds.

Schedule 4—Drainage ditch known as "Crane Drain," about 3-mi. s.w. of Okadale; consists of 2 1/4-mi. open ditch, involv. 3873 cu. yds. excavation; 2 24-in. conc. pipe culverts, 24-ft. long with bulkheads and 1 24-in. conc. pipe culvert, 72 ft. long, with bulkheads.

Schedule 5—Pipe line drain, known as "Minner Drain," located about 1 1/2 mi. n.w. of Riverbank; consists of trench, lay and backfill 96 lin. ft. 8-in. conc. pipe and construction of 5 wells, each well consisting of 10 lin. ft. 24-in. conc. pipe.

Bids will be considered for any schedule of any combination of schedules. R. E. Hartley, chief engineer for district. See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—H. H. Walker, 1500 W. 12th St., awarded cont. at \$8400 for orn. lights in Western Ave., bet. Franklin Ave. and Hollywood Blvd.

LOS ANGELES, Cal.—Walker & Martin, 402 W. Wilshire, Fullerton, sub. low bid at \$12,996 to bd. pub. wks. for orn. lights in Broadway, bet. Colorado Blvd. and 138.70 ft. w. of Eagle Dale Ave.

ALHAMBRA, Cal.—Until 8 p. m., Nov. 24, bids will be rec. for orn. lights in Main St., bet. east and west city limits; 1911 act. M. H. Irvine, city engr. R. E. Wallace, city clerk.

ORANGE, Cal.—City Engr. C. C. Bonebrake instructed to start plant for orn. lights in Chapman Ave., bet. Santa Fe Ry. and Main St.

HUNTINGTON BEACH, Cal.—Robertson Elec. Co., 303 N. Main St., Santa Ana, awarded cont. at \$4173 for orn. lights in 8th St., involv. 23 single light standards.

SOUTH PASADENA, Cal.—Until 5 p. m., Nov. 24, bids will be rec. for orn. lights in Bonita Dr., Orange Grove Ave., Mission St., and Pasadena Ave. & in Mission St. east of Fair Oaks Ave. Cert. check 10%.

WHITTIER, Cal.—Until Nov. 24, bids will be rec. for orn. lights in Greenleaf Ave., bet. Hadley St. and Whittier Blvd. and in Hadley St., bet. Greenleaf Ave. and s.w. city limits at Whittier Blvd. Paul Gilmore, city clerk.

CULVER CITY, Cal.—Harry M. Rouse, Corona, awarded cont. at \$14,655 for orn. lights in Van Buren Pl., Irving Pl., La Fayette Pl. and other sts.; res. int. No. 525.

LOS ANGELES, Cal.—Council declares inten. to install street lighting systems in:

Keniston Ave., bet. Wilshire Blvd. and Country Club Dr.; 21 posts.

16th St., bet. Normandie and Western Aves.; 48 conc. posts.

Third St., bet. Muirfield Rd. and La Brea Ave.; 75 conc. posts.

Windsor Blvd., bet. Wilshire Blvd. and Francis Ave.; 15 conc. posts.

LOS ANGELES, Cal.—R. A. Wattson 4928 Melrose Blvd., sub. low bid at \$14,986 to bd. pub. wks. for orn. lights in Santa Monica Blvd., bet. Normandie and Serrano Aves.

Newberry Elec. Corp., 724 S. Olive St., low at \$8715 for orn. lights in Irving Blvd., bet. Melrose Ave. and 1st St.

A. C. Rice, 1963 Santee St. and Fritz Ziebarth, 302 E. Anaheim, Long Beach, sub. identical bids at \$2621 for orn. lights in Palm Grove Ave., bet. Washington and 21st Sts.

A. C. Rice low at \$3900 for orn. lights in June St., bet. Willoughby and Melrose Aves.

LOS ANGELES, Cal.—Walker & Martin, 402 W. Wilshire, Fullerton, awarded cont. by Bd. Pub. Wks., at \$12,996 for orn. lights in Broadway, bet. Colorado Blvd. and Eagle Dale Ave. Engr's. est., \$14,273.

REDLANDS, Cal.—Robertson Elec. Co., 303 N. Main St., Santa Ana, awarded cont. by city at \$2995 for orn. lights in West Highland Ave.

LOS ANGELES, Cal.—Walker & Martin, 402 W. Wilshire, Fullerton, awarded cont. by supervisors at \$3783 for additional lights in Graham Lighting Dist. Wilshire Elec. Co., 1028 Wilshire Blvd., Santa Monica, awarded cont. at \$2519 for additional lights in West Hollywood Lighting Dist.

LOS ANGELES, Cal.—Council declares inten. to install orn. lights on Windsor Blvd., bet. Clinton St. and Beverly Blvd.; 18 conc. posts; 1911 act.

MERCED, Merced Co., Cal.—Valley Electric Co., Merced, at approx. \$3750 awarded cont. by city trustees to install electroliner system in 23rd St. Other bids were: T. M. Robinson \$3900; Merced Hardware Co. \$5500; John Oust \$5783.

MACHINERY & EQUIPMENT

LIVERMORE, Alameda Co., Cal.—Until Dec. 1, 8 P. M. bids will be rec. by Elmer G. Still, town clerk, to fur. motor propelled road machinery, consisting of scarifier and grader; cost not to exceed \$3000. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—Until Nov. 25, 9 A. M. bids will be rec. by E. M. Hann, city clerk, to fur. 1-ton truck. Cert. check 10% req. with bid. Further information obtainable from clerk.

LOS ANGELES, Cal.—Until 9 A. M., Nov. 19, bids will be rec. by city purch. agent for transits and levels under spec. 1-97.

MONROVIA, Cal.—Kimball Motors Corp. awarded cont. by city at \$7000 for vacuum street cleaning machines.

SEATTLE, Wash.—Until Nov. 24, 10 A. M. bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. one chisel mortiser machine for Georgetown Municipal Railway store-room.

COMPTON, Cal.—Until 7:30 P. M., Nov. 25, bids will be rec. by city for one 1-ton Ford truck chassis. Cert. chk. or bond, 10%. Maud Hecock, city clk.

RAILROADS

SANTA ANA, Cal.—Representatives of three counties and various cities affected have asked Pac. Elec. Ry. to electrify present steam road bet. Santa Ana and Newport Beach, to constr. a 15-mi. line from Stern, Orange county, to Corona, Riverside county, a line bet. Fullerton and Santa Ana via Anaheim, and a short connecting line between Stern and Orange.

WINSLOW, Ariz.—A. T. & S. F. Ry. will start shortly on laying of double track from Winslow to Gallup, N. M., 120 mi. Cost, about \$3,000,000.

LOS ANGELES, Cal.—State railroad comm. authorizes recon. of Telegraph rd. under Union Pac. tracks to eliminate grade crossing. Est. cost of rebuilding U. P. tracks in subway, \$107,500.

FIRE EQUIPMENT

WATTS, Cal.—Trustees vote to purchase Seagraves Suburbanite type fire engine at \$6750.

LA VERNE, Cal.—Trustees vote \$5000 for purchase of new fire truck.

REDONDO, Cal.—Fire dept. supplies ordered purchased by city are: One La France first aid kit, \$8; two La France smoke-masks, \$40; one La France heavy spring type bumper, installed on La France machine, \$44.50; one No. 11 Siren electric siren horn, \$40; waterproof turnout coats, black, rubber-coated type, \$45; six fireman's badges, \$6. All bids for fire hydrants were rejected.

RESERVOIRS AND DAMS

AMERICAN FALLS, Idaho—Bids to construct American Falls Dam have been rejected by U. S. Reclamation Service and new bids called, to be opened about Dec. 20. Utah Construction Co., Ithelan Bldg., San Francisco, submitted low bid under last call at \$1,548,092, this for dam of 1,040,000 cu. ft. capacity. Dam will be gravity type; 1-mi. long; about two-thirds of dam in central portion will be reinforced concrete, 90 ft. high and will contain spillway 1000 ft. long; abut. will be earth embankment. Conc. highway bridge with 18-ft. roadway will be built on crest of dam; 25 control gates, 2 sluice gates and 8 15-ft. penstock openings. Approx. quantities of materials are: 100,000 cu. yds. earth excavation; 130,000 cu. yds. embankment; 30,000 cu. yds. rock excavation; 180,000 cu. yds. conc.; 2,376,000 lbs. rein. steel; 837,000 lbs. structural steel; 1,344,000 cast steel in gates, etc. Gov. ernment will furnish cement and all steel.

PORT ANGELES, Wash.—Bids will be asked shortly by city council for 37,000 ft. 20" and 24" wood stave pipe line, concrete dam and head works, 6 million gallon concrete reservoir and distribution system improvements. Payments in cash. Contract is expected to be let in December. Prospective bidders should communicate with Burns & McDonnell Engineering Co., 402 Interstate Bldg., Kansas City, Mo. Further mention will be made of this work.

PIPE LINES, WELLS, ETC.

SAN LUIS OBISPO, Cal.—Steven Smith & Co., 637 Mission St., San Francisco, at \$74 ft. f. o. b. San Luis Obispo awarded cont. by council to fur. 2000 ft. 4-in. c. l. (McWayne) pipe for water extensions.

MODESTO, Stanislaus Co., Cal.—Osterberg Bros., Modesto, at \$1453 awarded cont. by council to drill well at Junior College grounds; water for domestic purposes.

COMPTON, Cal.—Until 7:30 p. m., Nov. 25 bids will be rec. by city for 1250 ft. 6-in. C. I. B. & S. pipe, tees, crosses, gates. Cert. chk. or bond, 10%. Maud Hecock, city clk.

VALLEJO, Solano Co., Cal.—Bids will be asked shortly by city council to furnish pipe to connect Fleming Hill reservoirs Gordon Valley municipal water system. A. Kempkey, consulting engineer, Hobart Bldg., San Francisco.

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PORT ANGELES, Wash.—See "Reservoirs and Dams," this issue. To ask bids.

LOS ANGELES, Cal.—Until 3 P. M. Nov. 18 bids will be rec. by Pub. Serv. Comm. for 5.000-gal. capacity for steel bell and spigot C. I. water pipe; 5000 lbs. per length, 4-in. class "B," 12-ft. lengths, 260 lbs. per length, f. o. b. cars pipe track, Aqua Sales and Co., 1000 lbs. per length, "B," 12-ft. lengths, 260 lbs. per length, f. o. b. cars Hewitt St. spur, Los Angeles; 5000 lbs. per length, 4-in. class "B," 12-ft. lengths, 400 lbs. per length, f. o. b. pipe track, Aqua Sales and Co., 1000 lbs. per length, "B," 12-ft. lengths, 400 lbs. per length, f. o. b. cars Hewitt St. spur, Spec. 733-E. Jas. P. Vroman, secretary.

SALINAS, Monterey Co., Cal.—Coast Valley Gas and Electric Co., Salinas, plans installation of water and gas mains in portions of Central Avenue, Seaside, Salinas, Pajaro, and P. Inocente sts. Mains will be installed before street improvements are undertaken by city.

ANAHEIM, Cal.—R. F. Brown, Artesian, sub. only bid to city at \$114.46 for well casing, approx. 200 ft. Byron Jackson Pump Mfg. Co. awarded contract at \$805 for pump. Other bids on pump were: Peerless Pump Co., \$15.65 and \$105.65; Layne & Bowler Corp., \$1110; Ulmer Mfg. Co., \$1268.

WHITTIER, Cal.—Until 7:30 p. m. Dec. 1 bids will be rec. by city for 1000 ft. 6-in. class B and 2000 ft. 4-in. class "C" C. I. water pipe, with fittings, gate valves, etc. Separate bids on pipe and fittings may be subm. Cert. chk. or bond, 10%. Paul Gilmore, city clk.

SEWAGE DISPOSAL PLANTS

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. H. E. Godegast instructed by council to prepare plans for sewage plant.

YREKA, Siskiyou Co., Cal.—Election will be held Dec. 2 to vote bonds of \$56,000 to finance improvement of municipal water supply and sewage improvement; \$7500 for concrete reservoir; \$15,000 for completion of septic tank; \$35,000 for purchase of Cady and Buckner lands where source of city's water is to be diverted and the construction of a pipe line into which it will be diverted and carried to the reservoir.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—State railroad comm. orders La Cienega Bldv. constr. under the Venice short line tracks of the P. E. Ry. City will pay 75% and railway the balance; \$150,000.

WATER WORKS

MESA, Ariz.—Bids are being rec. by A. J. Peirce, town clerk, Mesa, for 1000 to 1250 %x% water metres with couplings f. o. b. Mesa.

LOS ANGELES, Cal.—Frank J. Kimball, 1860 E. 15th St., awarded cont. by pub. serv. comm. at \$2409 f. o. b. Los Angeles for one No. 1511-12 Kimball direct flow pump.

SAN DIEGO, Cal.—Cuyamaca, \$2,500, 000 water bond issue carried at recent election in La Mesa, Lemon Grove and Spring Valley districts. Issue provides for bonds to purchase and impr. Cuyamaca Water Co's sys. Of this sum \$1,400,000 will be expended for repairs to flume, dam and Fletcher site plant and extensions to distribution system.

MERCED, Merced Co., Cal.—Until 10 a. m. Dec. 16 bids will be rec. by Merced Irrig. Dist., Barcroft Bldg., Merced, for valves for Eschequer dam and power plant. Cert. check, 5%. H. F. Sargent, secy.

PORT ANGELES, Wash.—See "Reservoirs and Dams," this issue. To ask bids.

COMPTON, Cal.—Until 12 M. Dec. 1, bids will be rec. by J. T. Crane and L. F. Babl, cor. Olive and Long Beach Bldv., Compton, for water systems in Tr. No. 6875, 12-in. f. class "B" 4-in. C. I. pipe, incl. fittings, valves, fire hydrants and 120 ft. 1-in. h. con. Plans and spec. may be seen at above address.

YREKA, Siskiyou Co., Cal.—Election will be held Dec. 2 to vote bonds of \$56,000 to finance improvement of municipal water supply and sewage improvement; \$7500 for concrete reservoir; \$15,000 for completion of septic tank; \$35,000 for purchase of Cady and Buckner lands where source of city's water is to be diverted and the construction of a pipe line into which it will be diverted and carried to the reservoir.

TRACY, San Joaquin Co., Cal.—Until Dec. 10, 8 P. M. bids will be rec. by W. Schlossman, secretary, Santa-Carhona Irrigation District, 1000 E. 1st St., for house and appurtenant structures, under Contract No. 6. Cert. check 5% payable to dist. rec. Plans obtainable from W. D. Harrington, Tracy, or Thos. H. Means, 360 Pine St., San Francisco, engineers for district, on deposit of \$15, returnable.

COMPTON, Cal.—Until 7:30 p. m. Nov. 25 bids will be rec. by city for one 10-in. G-I-den Anderson patent automatic cushioned double-acting stop check controlling altitude valve, one Ideal strainer and fish trap. Cert. check or bond, 10%. Maude Heacock, city clk.

HUNTINGTON PARK, Cal.—Election will be held Jan. 13 to vote on \$55,000 bond issue for acquisition of Tr. No. 2500 Mutual Water Co's sys. (\$30,964), 2000-gal. elevated steel water tank and tower, one 100,000-gal. reinf. con. reservoir centrifugal pump, elec. motor, fire hydrants, etc. (\$21,044) and incidental expenses of \$2200. H. H. Hunter, city clerk.

PERRIS, Cal.—Dec. 1 is date for special election on water bond issue for imprvs. to Perris Water sys.

ALHAMBRA, Cal.—Council declares intent to install C. I. water mains in Plum St. betw. Primrose and Fremont Aves. R. B. Wallace, city clerk.

SEATTLE, Wash.—J. L. Smith, 304 W. 36th St., at \$123,480, using lock bar steel pipe, awarded cont. by Bd. Pub. Wks. to install water mains in First Avenue south.

NAPA, Napa Co., Cal.—Until Dec. 1, 8 P. M. bids will be rec. by Howard E. Roper, Sec'y., Napa Union High School District to fur. and install lawn sprinkler system covering about 80,000 sq. ft. Bidders to submit plans, sizes of pipe, etc. Details of plot plan obtainable from secretary.

HPMET, Cal.—Burns & McDonnell, 415 Marsh-Strong Bldg., Los Angeles, consulting engineers, making appraisal of present water system and other appraisals of Henry Down Water Co's distrib. sys. and an est. of entirely new project, to place before local citizens data necessary to determine if municipal water system is feasible.

EL SEGUNDO, Cal.—Santa Fe Ry. Industrial Dept. having plans prepared for roads, tracks, water and sewer lines, the 155-ac. industrial tract, El Segundo, which the company is developing.

PLAYGROUNDS AND PARKS

BERKELEY, Alameda Co., Cal.—City council, John E. Edin, city manager, contemplated bond issue for \$1,000,000 to purchase land for civic center, est. cost, \$250,000; land for park in south central part of city; erection of new library on site of present library; water improvements and repairs; memorial auditorium, \$250,000.

ELK GROVE, Sacramento Co., Cal.—Until Dec. 2, 8 p. m. bids will be rec. by S. R. Garg, clerk, Elk Grove Union High School District, to construct three tennis courts at high school grounds. Cert. check 10% payable to clerk req. with bid. Plans obtainable from Dean and Dean, architects, California State Life Bldg., Sacramento.

WHITTIER, Cal.—Sullivan Fence Constr. Co., 800 N. Vermont Ave., Los Angeles, low bidder at \$1025 for wire fence around the city yard on West Bailey St. Other bids: So. Cal. Fence Constr. Co., \$1064; Standard Fence Co., \$1335; J. E. Dwan, \$1758.

SAN FRANCISCO — City Architect John Reid Jr., First National Bank Bldg., is completing plans for athletic field at Galileo High School in Van Ness Ave. near Francisco St.

EL SEGUNDO, Cal.—Property owners of city and election to purchase a public park in El Segundo. The site selected is blk. 85, lying bet. Mariposa Ave. on the s., Palm Ave. on the n., Main St. on the e. and Richmond St. on the w.

MONTEREY PARK, Cal.—Election will be held probably Dec. 17 for a bond issue for community park.

BEVERLY HILLS, Cal.—Until 8 p. m. Dec. 1, bids will be rec. by city for trees and shrubbery at and around six parks of city land Spec. on file at office B. J. Firminiger, city clerk.

SEWERS & STREET WORK

LOS ANGELES, Cal.—City engr.'s office making survey of Anacapa Dist. with a view toward imp. various streets. Work planned will amount to considerable cost. 400 sq. ft. are included in the survey for which \$10,000 has been appropriated.

HAWTHORNE, Cal.—City trustees declare intent. to imp. Connecticut Ave. and Rhode Island Ave. bet. Hawthorne Ave. and city limits, improv. 1 1/2-in. White wearing surface on 2 1/2-in. asphalt conc. base, over 2-in. decomposed granite cushion, class "A" curbs, gut. walks 18-in. act. and 19 1/2-in. act. Victor H. Staheli, city engineer.

SANTA ANA, Cal.—Council declares intent. to pave West Santa Clara Ave. bet. Main St. and Greenleaf St.; 2-in. asphalt conc. surface on 4-in. asphalt conc. base, walks, 4-in. hse. sewers, 6-in. stub sewer 19 1/2 in. act. E. L. Vegely, city clerk.

SAN DIEGO, Cal.—Griffith Co., 25 11th St., low bidder at \$30,803 to pave Juniper and 31st Sts., improv. 125,498 sq. ft. 1 1/2-in. asphalt conc. pave, on 4-in. conc. base 20.8 ft., 11,920 sq. ft. 4-in. conc. pave 20 ft., 5531 sq. ft. walk 23 ft. 10 in. act. curb 6 1/2 in. act. miscellaneous \$31,142.

Geo. R. Daley, 4430 Boundary St., low at \$28,487 to pave Canon St., involving 5112 cu. yds. excav. 60c yd.; 679 sq. ft. 4-in. curb embank. 1c yd.; 123,120 sq. ft. 4-in. curb 16.9c ft.; 4011 ft. curb 6 1/2 in. act. 15 1/2-in. conc. sewer laterals \$55.00; 3 1/2-in. conc. sewer laterals \$22.50; 4-in. apron and retaining wall \$20; miscellaneous \$575.

SANTA ANA, Cal.—Until 11 a. m. Nov. 25, bids will be rec. by supervisors to pave St. Andrews and St. Gertrude Plazas, involving 10,000 sq. ft. 8-in. conc. pave, 60,000 sq. ft. crushed rock should. durs. 6000 cu. yds. excav. Work to be done under 1921 County Improvement Act. Plans on file at office of County Surveyor W. K. Hillier, Santa Ana.

LOS ANGELES, Cal.—Thomas & Chalmers, 414 San Fernando Bldg., sub. low bid to city, pub. wks. to imp. Hall-dale Ave., bet. Blaisdell Ave. and 1st ally s. of 60th Pl., improv. 336,633 sq. ft. grade, oil and roll at 4.4c

LOS ANGELES, Cal.—City storm sewer dept. ordered to design Leonard St. storm drain sys., draining central business portion of city and territory south and east. Est. cost, \$2,500,000.

LOS ANGELES, Cal.—City storm sewer dept., E. W. Tiedt, engr., preparing plans for Jefferson St. storm sewer, estimated to cost, when complete, \$4,500,000. The first section will be main line, on Jefferson St., bet. Hooper and 33rd Sts., and point near Washington and Adams Sts., where water will drain into Ballona Creek and thence to ocean. Line will consist of 8 ml. of reinf. concr. sewer, of varying size from 5 ft. circular to rectangular section 8x12 ft., latter of box section constr. in trench. Est. cost, Sec. 1, \$2,000,000. Sections 2 and 3 will comprise lateral systems, north and south of the main line.

WATTS, Cal.—Council declares inten. to imp. Villa Ave., bet. Main St. and Morton Ave. and portions of other sts., involv. 2-in. asph. conc. pavement on 5-in. conc. base; also 2-in. asph. conc. on 4-in. conc. base; 6-in. conc. pav. conc. curbs, walks, etc.; 1911 and 1915 acts. Sarah A. Smith, city clerk.

LOS ANGELES, Cal.—Council adopts ordinance to const. Sec. 1 of the Arroyo de la Sacatela storm drain sys., covering area of about 1.5 sq. mi. west of Vermont Ave. The main portion of this drain will consist of a square box section carrying from 9 to 11 ft. wide and 8.5 ft. to 10 ft. high, of reinf. conc. constr., with partly fixed top, and cantilever base. In addition to this part there will be an extensive conc. pipe lateral drain of 12-in. to 33-in. or holes, connecting with catch basins, manholes, drains, st. pave, etc. Section No. 1, for which 13 sheets have been prepared, covering Plans Nos. 29341, 29363, 29369 and 29370, comprises box section, as described above, totaling 15,241 lin. ft. not counting laterals.

BURBANK, Cal.—Trustees plan widening to 100 ft. the following sts.: Alameda, Verdugo, Magnolia, Buena Vista, Lincoln, and Olive Aves., Burbank, Victory, and San Fernando Bldvs. Hollywood Way, and Empire St.

SOUTH PASADENA, Cal.—City directors declare inten. to imp. Alpha Ave., bet. s. city limits and Valley View Hts. Tr., involv. grade 3-in. conc. rock and oil pav., 4-in. water mains, 6-in. vit. sewer, conc. gut., 12-in. cem. curbs; 1911 act. Nettie A. Hewitt, city clerk.

LYNWOOD, Cal.—Until 8 p. m., Nov. 26, bids will be rec. to pave Lynwood Rd., Louise St., etc., involv. 55,560 sq. ft. walk, 13,770 ft. curb, 3-4, 825 sq. ft. ft. walk, 157,155 sq. ft. oil mac., 157,155 sq. ft. grade; 1911 and 1915 acts. Fred Welch, city clerk. Edw. M. Lynch, Central Bldg., Los Angeles, city engr.

INGLEWOOD, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, low bidder at \$40,375 to imp. Hillside Ave. and Hill St., involv. 184,742 sq. ft. grading, 5750 ft. curb, 3 culv., 112,120 sq. ft. 4-in. Willitts pave, 29 $\frac{3}{4}$ -in. and 5 2-in. water services. Other bids: Geo. R. Curtis Pav. Co., \$40,868; H. G. Feraud, \$42,565.

COMPTON, Cal.—Until 8 p. m., Nov. 25, bids will be rec. to pave Aranhé Ave., 68,818 sq. ft. grade and 5-in. conc. pave, 875 ft. 4-in. and 1285 ft. 6-in. c. i. pave, 1911 and 1915 acts. Maude Heacock, city clerk. Edw. M. Lynch, Central Bldg., Los Angeles, city engr.

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., Modesto, at \$4,022.30 awarded cont. by council to imp. (No. 430) Archer Court, bet. Magnolia and McHenry Aves., involv. grading; pave with 2 $\frac{1}{2}$ -in. asph. conc. base with 1-in. Warrentite-Bit. surface; conc. curbs and gutters; conc. electroliters, Marbelite type.

LONG BEACH, Cal.—Municipal Sewer Supt. Smith preparing plans for a storm drain sys. covering residential dist. e of Alamitos Ave. and s. of Anaheim St.; cost, about \$1,000,000. A Heim storm drain project of similar size, covering the territory w of Pacific Ave. is also under way.

SAN FRANCISCO — Bids will be asked in immediate future by Bd. Pub. Works for paving civic center parking area; est. cost \$40,000.

SHASTA COUNTY, Cal.—State Highway Commission has withdrawn call for bids to grade and surface with crushed gravel or stone 10.8-mi. in Shasta county, bet. Halfway Creek and Dog Creek. Bids were to be opened Nov. 24.

OAKLAND, Cal.—Bids will be asked shortly by council to const. shoreline highway from 16th St. depot to property of Richfield Oil Co. and General Petroleum Co., approx. $\frac{1}{2}$ mile in length; est. cost, \$15,000. R. W. Harmon, city engineer.

POMONA, Cal.—Until 12 M., Nov. 18, bids will be rec. for 6-in. concr. pav. in Locust St., bet. 1st and 2nd Sts. Plans at office of City Engr., F. C. Froehde. Cert. chk. or bond 10%. T. R. Trotter, City Clerk.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 24, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to const. storm water sewers and sanitary sewers to serve Oak Park. Cert. check 10% payable to City Auditor rec. Plans on file in office of clerk. W. B. Hogan, city engineer.

INGLEWOOD, Cal.—Until 8 P. M., Nov. 24, bids will be rec. to imp. Oak St. and six other Sts., involv. 500,286 sq. ft. grade, 2405 ft. 18-in. curb, 15,064 ft. 15-in. curb, 3314 sq. ft. 8-in. gut., 13,361 sq. ft. 5-in. gut., 79290 sq. ft. walk, 238,350 sq. ft. 6-in. mac., 23,960 sq. ft. class B oiling, 95 $\frac{3}{4}$ -in. water serv., 2 2-in. water serv., one storm drain, one catchbasin; 1911 improvement act and 1915 bond act. W. C. Cory, city engineer. Otto H. Duelle, city clerk.

SAN ANSELMO, Marin Co., Cal.—Until Dec. 1, 8 P. M., bids will be rec. by Arthur W. Studley, town clerk, to const. imp. Humboldt Ave. for its entire length and San Anselmo Ave., bet. Humboldt and Foothill Aves., involv. grading; const. conc. catchbasins; corr. iron pipe, culverts with conc. headwall and cleanouts; hyd. conc. pave. 1911 Act and Bond Act 1915. Cert. check 10% payable to town rec. Plans on file in office of clerk. J. J. Jessup, town engineer.

SANTA MONICA, Cal.—Until 10 A. M., Nov. 26, bids will be rec. by city for curbs, walks and ornarn. lights in Third St., bet. Wilshire Blvd. and Colorado Ave., 1911 act. Howard E. Carter, city engineer.

EL MONTE, Cal.—A. M. Rawns, county sanitary engr., has outlined to citizens plan for including El Monte in metropolitan sewer dist. He states est. cost would be \$4,500,000 for main trunk lines.

ARCADIA, Cal.—City council requests City Engr. G. B. Watson to secure data on question of inclusion of Arcadia in the Los Angeles metropolitan sewer dist.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 24, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to const. storm water sewers in Sutter St., bet. Weber Ave. and Market St. and in Market St. bet. Sutter and San Joaquin Sts. Cert. check 10% payable to City Auditor rec. Plans on file in office of clerk. W. B. Hogan, city eng.

FLK GROVE, Sacramento Co., Cal.—Until Dec. 2, 8 p. m., bids will be received by S. R. Gage, clerk Elk Grove Union High School District, to construct three tennis courts at high school grounds. Cert. check 10% payable to clerk rec. with bid. Plans obtainable from Dean and Dean, architects, California State Life Bldg., Sacramento.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares inten. to const. cem. walks in portions of Allendale Ave., 12-15th and 55th Sts. 1911 Act. Protests Dec. 11. W. W. Harmon, city engineer.

SAN MARINO, Cal.—J. L. Haddock, 357 N. Chester St., Pasadena, sub. low bid at \$146,394.40 to pave Huntington Dr., bet. Granada and Rose Aves., and portions of intersecting Sts., involv. grade at \$11,000 (lump sum), 4-in. oil mac., 106 sq. ft., 6-in. oil mac. 12.56 sq. ft., 14x16-in. curb, 54c ft., gut. 22c sq. ft., oil mac. surface on concr. slab, 10c sq. ft., culv., \$700 (lump sum). Other bids: Duocay & Breitenstein, \$148,674; Southwest Pav. Co., \$163,943.50; Campbell Constr. Co., \$170,703.25; C. F. Matthews, \$177,576.46; A. C. Nelson, \$183,330.50; Geo. W. Kemper and Co. U. Miracle, \$195,041.10; Gibbons & Reed Co., \$207,995; Hall-Johnson Co., \$208,871.

OAKLAND, Cal.—Until Nov. 26, 11:30 A. M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of 14th St., involv. grade and pave with concr. reinforced with steel bars and macadam shoulders; surface oiled. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

VENICE, Cal.—Bids rec. to pave Vernon Ave., involv. approx. 120,000 sq. ft. 6-in. concr. pave, were: Wells & Bressler—2.75c sq. ft. grade, 20.75c pave, 20c walk, 80c curb, \$15 change manhole.

Sander Pearson—2.2c grade, 19.95c pave, 20c walk, 65c curb, \$7 manhole. Kuhn Bros.—1.8c grade, 20.5c pave, 20c walk, 70c curb, \$25 manhole.

W. F. Crawford—2c grade, 19c pave, 21c walk, 60c curb, \$6 manhole.

Western States Constr. Co.—96c grade, 22.9c pave, 18c walk, 49c curb, \$5 manhole.

LOS ANGELES, Cal.—P. J. Akmadzich, 821 Yale St., awarded cont. by Bd. Pub. Wks. at \$13,320 to oil and roll San Pascual Ave., bet. Pasadena Ave. and Houghton St., incl. curb, walks, gut., storm drain.

SANTA ANA, Cal.—L. A. Pav. Co., 2900 Santa Fe Ave., Los Angeles, awarded cont. by supervisors at \$20,990, asph. concr., to pave in Central Ave. and Hacienda Rd. under R. D. I. No. 39.

LOS ANGELES, Cal.—Culjak & Bebek, 425 W. 78th St., awarded cont. by Bd. Pub. Wks. at \$890 for sewer in 36th Pl., bet. Gramercy Pl. and Cimarron St.

Mike Radich, 4207 Eastern Ave., awarded cont. at \$23,480 for sewer in Pasadena Blvd., bet. 145 ft. s. e. from Micheltorena St. and Reno St., Engr's est., \$23,855.67.

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STOCKTON, San Joaquin Co., Cal.—Until Dec. 1, 5 P. M. bids will be rec. by A. L. Hanson, city clerk, for imp. portions of Harrison, Clay, Jackson, North, Jefferson and Anderson Streets involving 3082 cu. yds. cut; 2339 cu. yds. fill; 5670 lin. ft. curb and gutter; 25,360 sq. ft. conc. walks; 98,916 sq. ft. asphalt macadam pavement. 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Plans on file in office of clerk. W. B. Hogan, city eng.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 1, 5 P. M. bids will be rec. by A. L. Hanson, city clerk, for imp. portions of Harrison, Clay, Jackson, North, Jefferson and Anderson Streets involving 3082 cu. yds. cut; 2339 cu. yds. fill; 5670 lin. ft. curb and gutter; 25,360 sq. ft. conc. walks; 98,916 sq. ft. asphalt macadam pavement. 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Plans on file in office of clerk. W. B. Hogan, city eng.

FRESNO, Fresno Co., Cal.—Thompson Bros., G. and Divisadero Sts., Fresno, awarded cont. by council to imp. Sts. under Res. of Inten. 22-D. Conc. walks; 3,155 sq. ft.; conc. curbs, 443 lin. ft.; conc. approaches, 3,20 sq. ft.

SAN LEANDRO, Alameda Co., Cal.—T. Nirkirk has been appointed city engineer, succeeding Robt. T. Goodwin, resigned.

LOS ANGELES, Cal.—Thomas & Chalmers, 444 San Fernando Bldg., awarded cont. by Bd. Pub. Wks. at \$17,014.49 to oil and roll Haldale Ave., bet. Slason Ave. and alley s. of 60th Pl. (4.4c sq. ft.).

Thomas & Chalmers, awarded cont. at \$10,950.60 for asphalt conc. pave., cem. concr. pave., eac. in Lexington Ave., bet. Westmoreland Ave. and Madison Ave.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., sub. only bid to harbor comm. at 12.5c sq. ft. for approx. 82,970 sq. ft. asphalt concr. pave. on wharves at Berths 230, C, D and E and 231, under spec. 660.

WHITTIER, Cal.—Until 7:30 P. M., Nov. 24, bids will be rec. by imp. Comstock Ave., bet. Philadelphia and College Sts.: 7-in. conc. pave., curb, walk, conc. driveways.

Friends Ave., bet. 299 ft. s. of Walnut St. and 4th n. of Short St.: 2½-in. asphalt concr. pave. on 4-in. bitum. base, with paint binder, curb.

Plans on file at office of City Clerk, Paul Gilmore. Cert. chk. or bond, 10%.

UPLANDS, Cal.—Until 7:30 P. M., Nov. 24, bids will be rec. by city to pave 5th Ave., bet. 10th and 12th Sts.: 1-in. crushed rock and oil surface, 5x 8-in. split steel curb. Cert. chk. or bond, 10%. E. C. Mehl, city clerk.

LOS ANGELES, Cal.—Thos. Haverly Co., 316 E. 8th St., awarded cont. by Bd. pub. wks. at \$27,670 for sewer in Sanford Ave., bet. Young St. and 117 ft. n. of I St.

SHASTA COUNTY, Calif.—Until Dec. 15, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface 10.8-mi. in highway bet. Halfway Creek and Dog Creek, R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until Nov. 26, 11 a. m., bids will be rec. by Eugene K. Sturges, city clerk, to imp. 14th St. from low tide line to pt. 1852 ft. westerly. Bonds of \$6000 required of successful bidder. Spec. on file in office of clerk.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to imp. Virginia Ave., bet. Eugenia and Winfield Aves., involving 1943 cu. yds. cut, 697 cu. yds. fill; 5262 sq. ft. conc. pave.; 844 lin. ft. conc. curb; 29 cu. yds. conc. wall; 3 sets rein. conc. steps; 6227 sq. ft. art. stone walks. Est. cost \$10,000.

SAN BERNARDINO COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, until Dec. 8, 2 p. m., to grade 2.3-mi. in San Bernardino county bet. ¼-mi. west of Barstow and 1-mi. east of Barstow. Project involv. 20,810 cu. yds. roadway excavation without classification; 8660 sta. yds. overhaul; 22 cu. yds. structure excavation without classification; 95 cu. yds. class A Port. cem. conc. (structures); 49 cwt. bar reinf. steel in place (structures); 632 lin. ft. 18-in., and 160 lin. ft. 24-in. corr. metal pipe; 4 monuments. R. M. Morton, state highway engineer.

SANTA BARBARA, Cal.—Council declares inten. to imp. Barranca, bet. Cliff Dr. and its s.e. end, and portions of Luneta Plaza, Las Olas Ave., Del Sol Ave., and Del Mar Ave.: 5-in. conc. pave., curb, concrete driveways; 13-in. conc. storm drain, 6-in. vit. sewer, 4-in. hse. con., 24-in. reinf. conc. drain, catch-basins, etc.; 1911 act.

Chino St., bet. Pedregosa and Mission Sts., and portions of other sts.: conc. curb and gut., catch basins, 18-in. conc. storm drain, conc. driveways; 1911 Act.

SAN BERNARDINO & RIVERSIDE COUNTIES, Cal.—Hartman Bros., 4188 Vermont St., Los Angeles, at \$81,331.50 completed est. \$20,412 awarded contract by State Highway Commission to imp. with Port. cement concrete, 10-in. in San Bernardino and Riverside counties, bet. ¼ mi. north of S. B. Co. line and Beaumont involv. 3000 cu. yds. roadway excavation without classification; 200 cu. yds. structure excavation without classification; 36,130 lin. ft. subgrade (preparing and shaping); 15,050 cu. yds. class "A" cem. conc. (pavement); 430 cu. yds. class "A" cem. conc. (curbs, gutters and aprons); 100 cu. yds. class "A" cem. conc. (structures); 400 cwt bar reinf. steel in place (structures); 1200 sq. yds. reinforcing steel in place (pavement); 905 lin. ft. 18-in., 192 lin. ft. 24-in., and 20 lin. ft. 30-in. corr. metal pipe; 650 lin. ft. corr. metal pipe (clean and relay). Comm. will fur. corr. metal pipe.

SHASTA COUNTY, Cal.—Until Dec. 15, 2 P. M., bids will be received by State Highway Commission to grade and surface with crushed gravel or stone 10.8 mi. in Shasta county, bet. Halfway Creek and Dog Creek. Bids were previously called for this project, to be opened Nov. 24, but due to error in advertising the bid call was cancelled. Official call for bids will be published in these columns shortly. R. M. Morton, state highway engineer.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. (No. 2184) to imp. Santa Clara St., bet. Market St. and west city limits, involv. removal of portions of basalt block gutters and portions of pavement and prepare foundation with gravel fill; const. hyd. cem. conc. gutters; place Bitulithic cement asphalt binder course on existing pavement; repave portions with 2-in. Warrenite-Bit. asphalt conc. surface; cem. conc. walks, driveways, etc. 1911 Act and Bond Act 1915. Protests Dec. 1. Wm. Popp, city engineer.

SAN MARINO, Cal.—Campbell Constr. Co., 359 Merrick St., Los Angeles, sub. low bid at \$12,000 for 8-in. vit. sewer lateral with manholes, flushtanks, and wye branches in Oak Grove Ave., bet. Mesa Rd. and San Marino north boundary, etc.

SACRAMENTO, Cal.—Kaiser Paving Co., Amer. Bank Bldg., Oakland, at \$2175 awarded cont. by supervisors to gravel Christensen road and at \$1450 to gravel George Orr road.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares inten. (No. 333) to imp. Pine St., bet. Soquel Ave. and Broadway, involv. grading; conc. curbs, walks and pavement; part circle corr. metal conc. culverts; conc. catchbasins; vit. clay pipe lateral sewers, etc. 1911 Act. Protests Dec. 4. H. E. Godegast, city engineer.

ALAMEDA, Alameda Co., Cal.—Until Dec. 2, 3 P. M., bids will be rec. by C. J. DuFour, Sec'y, Board of Education, to grade rock and surface Lincoln School yard, Mound and Van Buren Sts. Cert. check, 10% rec. by bid. Further information obtainable from secretary.

SAN ANSELMO, Marin Co., Cal.—Town Trustees, Arthur W. Studley, Clerk, rejects bids to const. sanitary sewer with wye in portions of Calumet Ave., including bulkhead, br. and conc. manholes, and new bids will be opened Dec. 1, 3 P. M. Cert. check, 10% payable to town reg. (Res. of Inten. No. 52). T. Ongaro, Fairfax, at \$2,318.90 submitted low bid under last call. J. J. Jessup, town engineer.

PASADENA, Cal.—O. K. Hearte, 1530 Paloma St., Pasadena, awarded cont. at \$10,877 for sewer in Euclid Ave., bet. Glenarm and Ipswich Sts., and other streets.

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SAN FRANCISCO—Jas. M. Smith, 715 O'Connell Ave., at \$84,950 for widening and repaving 100 ft. of imp. Virginia Ave., bet. Mission and Coleridge Sts., involv. 231 lin. ft. conc. curb, 81 lin. ft. 50 lb. ft. granite curb, \$60 lin. ft.; 240 lin. ft. side sewers, \$1.80 ft.; 2 br. catchbasins, \$135 each; 78 lin. ft. gutters, \$250 lin. ft.; 2838 sq. ft. art. stone walks, \$17 sq. ft.; 16,114 sq. ft. asph. conc. pave, \$285 sq. ft.

MONROVIA, Cal.—City Eng. H. S. Gierlich estimates cost of widening White Oak Ave. bet. Canyon Blvd. and Mayflower Ave. at figures varying from \$58,141 to \$100,015, depending on amount of 4-in. conc. pave, with 1½-in. Topeka wearing surface; curbs, walks; 1911 act.

SEAL BEACH, Cal.—Council declares intent. to pave with 5-in. conc. 5th St., bet. Ocean and North Aves. and portions of 7th and 6th. With small amount of 4-in. conc. pave, with 1½-in. Topeka wearing surface; curbs, walks; 1911 act.

FULLERTON, Cal.—Council declares int. to const. 8-in. vit. sewer in West Malvern Ave. and N. Woods Ave. and 6-in. sewer in N. Grand View Ave., Leland Dr. and portions of other streets; 1911 act. F. C. Hezmalhalch, city clk.

LOS ANGELES, Cal.—All bids for sewer in Colorado Blvd., bet. Maywood Ave. and W. boundary of city, for which Martin Petrovich was low bidder at \$149,990, have been rejected because the engineer did not believe that the bid would more than cover the costs.

HERMOSA BEACH, Cal.—City trustees declare intent. to imp.: Eler Ave. and portions of El Camino Real; 6-in. conc. pave, with 1½-in. Nat'l. surface, Class "A" curbs and walks; Camino Real bet. 11th Pl. and S. boundary; 6-ft. walks. 1911 act.

LOS ANGELES, Cal.—Engr. J. W. Ludlow preparing plans for a 28-ft. roadway to give access to ten new berths on the east side of West Basin, const. of which will be started shortly. Road will be an extension of Neptune Ave., from B St. to S. P. Ry., P. E. drawbridge at entrance to channel; 75 mi., est. to cost \$37,280. Future plans involv. 56-ft. road.

SEAL BEACH, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded cont. by city at \$44,921 for asph. conc. pave. in Ocean Ave., through its entire length.

LOS ANGELES, Cal.—Supervisors declare intent. to pave Brentwood Ave. bet. 94th and 96th Sts.; 624 ft. (County Imp. No. 206), involv. 317 cu. yds. excav., 1646 sq. yds. shaping roadway, 1479 sq. ft. gutt., 1646 sq. yds. 1½-in. Natl. pave. top, 1646 sq. yds. 3½-in. asph. conc. base.

NEWPORT BEACH, Cal.—Council declares intent. to pave Agate Ave., Garnet Ave., Pearl Ave., Marlin Ave., Park Ave. and portions of other Sts.; curb, walks, conc. pave; 1911 act. V. A. Sebring, city clerk. Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, city engineer.

ARCADIA, Cal.—City Atty. Walter F. Dunn ordered to start proceedings to widen 1st Ave., bet. Pac. Elec. Ry. and Foothill Blvd. 10 ft. on each side.

SANTA BARBARA, Cal.—Election will be held Dec. 9 to vote bond issue to finance road from Lompoc to Harris Sta. by H. St. route. The project was defeated at election last year.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, declares intent. (No. 222) to imp. Berkeley Way bet. Shattuck Ave. and Oxford St. and Walnut St., bet. Berkeley Way and University Ave., involv. grading; const. conc. curbs and gutters; 4-in. lateral sewers; 7 conc. driveway approaches; resurface portions with asph. 1911 Act and Bond Act 1915. Protests Dec. 2.

SAN DIEGO, Cal.—H. H. Peterson, Loma Portal, awarded cont. by supervisors at \$127,950 for 5-in. conc. pave. on portion of Julian Rd. No. 3 (Ramona Rd., Mussey Grade Section), from Mussey's grove to w end of Santa Maria Valley, 3.86 mi.

RICHMOND, Contra Costa Co., Cal.—City has appropriated \$12,000 to finance portion of cost of widening Standard Ave.; total est. cost \$35,000; property will pay balance of cost.

LOS ANGELES, Cal.—Bids rec. by bid. pub. wks. to imp. Spence St., bet. Hollenbeck Ave. and 23th St., involv. grade, 63,266 sq. ft. conc. pave, 325,587 sq. ft. oil and roll, 23,584 ft. curb, 116,857 sq. ft. walk, 47,200 sq. ft. gut., san. sewer, were:

Chalmers & Ford—\$12,500 grade, 19c pave, 5.5c oil and roll, 60c curb, 18c walk, 24c gut., \$23,000 sewer.
Geo. W. Kemper and S. U. Miracle—\$17,000 grade, 20c pave, 5.5c oil and roll, 60c curb, 18c walk, 25c gut., \$22,990 sewer.

W. D. McCray—\$14,000 grade, 20c pave, 5c oil and roll, 60c curb, 18c walk, 23c gut., \$22,000 sewer.

Geo. H. Oswald—\$17,000 grade, 19c pave, 5.5c oil and roll, 55c curb, 18c walk, 24c gut., \$23,000 sewer.

C. W. Shaffer—\$13,500 grade, 21c pave, 7.5c oil and roll, 60c curb, 20c walk, 25c gut., \$21,000 sewer.

MODESTO, Stanislaus Co., Cal.—City council, H. E. Gragg, clerk, declares intent. (175) to imp. 6th St., bet. E and H Sts., involv. grade and pave with 1½-in. asph. conc. pave, with 1½-in. Warrenite-Bit. surface; cem. conc. curbs and gutters; corr. iron culvert and catchbasins; Modesto Type No. 5 c.i. electroliters with wires, cables, etc. 1911 act. Protests Dec. 10. W. F. McCarton, city eng.

SALINAS, Monterey Co., Cal.—City council votes to repave following streets: Central Ave., bet. Main and city limits; Sausal St., bet. Main and California; Salinas St., bet. Alisal and Gablin; Pajaro St., bet. John and Lake Sts.; Church St. for its entire length; Palmetto St., on block, Howard F. Cozens, city eng.

LONG BEACH, Cal.—Sully-Miller Contr. Co., 250 Bennett St., Long Beach, awarded cont. by council to pave, etc., 8th St., bet. American and California Aves., involv. 7-in. conc. pave at 23c ft., curb at 50c ft., curb armor at 70c ft., gut. at 25c sq. ft., walk at 10c sq. ft., lowering catch basins, \$5 each.

STOCKTON, San Joaquin Co., Cal.—Following bids taken under advisement by supervisors to widen Duncan road; Kaiser Bros., \$26,047; Irey and Holden, \$29,213; Blumenkranz & Vernon, \$38,258; Will Moreing, \$27,833.50; Freeman & Whiting, \$28,049; C. W. Wood, \$27,418.50.

BURBANK, Cal.—City trustees declare intent. to imp. Third St., between Cypress and Providencia Aves.; curbs, walks, conc. pave; Magnolia Ave., bet. San Fernando Blvd. and S. E. right-of-way; curb, walk, culv., conc. pave, ornam. lights.

LOS ANGELES, Cal.—According to Asst. City Engr. J. W. Cooke, about \$400,000 will be expended for 200 ml. permanent sts. in San Fernando annex area of Los Angeles city.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares intent. to imp. Walnut St., bet. San Carlos and Lakehouse Ave., involv. grad. any pave with 1½-in. Warrenite-Bit. surface on 3-in. bitum. conc. base; hyd. cem. conc. walks. 1911 Act & Bond Act 1915. Protests Dec. 8. Wm. Popp, city eng.

LOS ANGELES, Cal.—Plans are under way by E. W. Tuttle, city storm sewer engr., for a drainage sys. for dist. bounded by Santa Monica Blvd., Melrose, Western and La Brea Aves., connecting with Wilcox drainage line s of Hollywood.

SAN RAFAEL, Marin Co., Cal.—S. P. Brownlee, San Rafael, at \$4412 submits low bid to city council to grade road in Boyd Park, involv. 10,000 cu. yds. excav., 165 lin. ft. 10-in. galv. iron pipe. Complete list of bids, all taken under advisement until Nov. 25, follow:

P. H. Hoare, Hayward.....	\$ 4,990
Giddings & White, Sacramento.....	5,904
Young Brothers, Berkeley.....	5,988
W. D. Ellis, Berkeley.....	6,212
Gates & Howe, Santa Rosa.....	6,206
W. H. Hauser, Oakland.....	6,332
J. L. Page, Richmond.....	6,771
Rocca & Caletti, San Rafael.....	7,354
Querin Bros., San Francisco.....	7,497
Appel-Knapf Co., Oakland.....	10,511
Galbraith & Janes, Napa.....	13,995

FULLERTON, Cal.—Council declares intent. to const. 8-in. and 6-in. vit. sewer in West Malvern and N. Woods Aves., N. Grand View Ave., Leland Dr. and portions of other sts.; 1911 act. W. C. Record, city engr.

POMONA, Cal.—City trustees plan to pave Garey Ave., bet. Grand & Franklin Aves. and Towne Ave. bet. Second and Olive Sts. Est. of two jobs, \$175,000, of which a portion will be paid out of 1924 \$400,000 bonds. F. C. Froehde, city engineer.

LOS ANGELES, Cal.—Approx. quantities for st. work, bids for which will be opened Nov. 24, are:

2nd Alley n of Reservoir St., bet. Angelus Ave. and Occidental Blvd.: 32 cu. yds. cont. 34 cu. yds. fill, 2500 sq. ft. 3-in. conc. pave.

Van Ness Ave., bet. Beverly Blvd. and First St.: 1600 cu. yds. cont. 46,053 sq. ft. Warrenite-bitul. pave, (5-in. conc. pent binder—1½-in. surface), 109 ft. curb, 2311 sq. ft. walk, 385 ft. hse. conc., 600 sq. ft. 2-in. bitum. base pave.
4th Ave. and Exposition Blvd. Imprvt. Dist.: 962 cu. yds. cont. 212 cu. yds. fill, 5320 ft. curb, 26,350 sq. ft. walk, 40 sq. ft. gut., storm drain compl. extension to existing wooden bridge, 5123 sq. ft. oil and roll.

WATTS, Cal.—Until 8 p. m., Dec. 1, new bids will be rec. to imp. Lark St., bet. Fern St. and Santa Anita Blvd. and portions of other sts.; 5-in. conc. pave, curbs, walks; 1915 and 1911 acts. Sarah A. Smith, city clerk. Previous bids rejected.

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BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

4751	Sarlandt	Owner	1000
4752	Richter	Owner	1000
4753	Chiavario	Owner	1500
4754	Maehner	Fisher	4000
4755	Ramazzotti	Owner	2000
4756	Furmans	McDonald	250000
4756	Mullane	Owner	8000
4757	Phelan	Owner	21000
4758	Coffer	Owner	10000
4759	Albin	Owner	10000
4760	Mettralf	Owner	18000
4761	Liberty	Hopper	9800
4762	Traits	Ingraham	14000
4763	Federal	Lindlaw	4430
4764	Hills	Nelson	26353
4765	Dahl	Owner	2800
4766	Di Nola	Meyer	4000
4767	Morris	Owner	3000
4768	Wolter	Attias	1200
4769	Lorigan	Owner	60000
4770	O'Brien	Buschke	7500
4771	McQuire	Carson	1000
4772	Lauridson	Owner	3000
4773	Powell	Lindsay	4500
4774	Krauskopf	Owner	8500
4775	Little	Owner	6000
4776	Monson	Monson	22000
4777	Morris	Owner	32000
4778	Kaufman	Lindeman	17500
4779	Lee	Lindeman	17800
4780	Westgate	Prout	14005
4781	Westgate	Prout	13521
4782	Cushing	Kelly	17050
4783	Pacific	Drew	3588
4784	Y. M. C. A.	Sibley	2350
4785	Charovsky	Nicolaisen	7000
4786	Weinstein	American	1200
4787	Brinkmann	Muller	4000
4788	Lang	Owner	35000
4789	Myers	Britt	12500
4790	Johnson	Owner	25000
4791	Lurie	Industrial	9800
4792	Novello	Owner	16000
4793	Farrar	Owner	9000
4794	Ming	Decker	2440
4795	Same	O'Connor	6382
4797	Pacific	Barrett	70000
4798	Thorp	Central	9550
4799	De Martini	Owner	10000
4800	Scholz	De Martini	6000
4801	Prevezich	Sari	5000
4802	Jeal	Owner	3000
4803	Conway	Malloch	7000
		Ericksen	7900

4804	Jensen	Owner	2600
4805	Berg	Wolfsden	2000
4806	J. Johnson	Owner	3500
4807	Gaschell	Giusti	6000
4808	Clough	Owner	5000
4809	Johnson	Owner	25000
4810	Warden	Owner	15000
4811	McQuire	Carson	12000
4812	Polsom	Moller	3556
4813	Pfeischmann	Jones	12394
4814	Gawthorne	Owner	3298
4815	Witt	Owner	6000
4816	Goody	Stoneson	4000
4817	Crespo	Prosper Bon	1500
4818	Pacific	Fernandez	2000
4819	Toso	Lindgren	3000000
4820	Harrelson	Owner	2500
4821	Pieman	Owner	1000
4822	Baker	Owner	4300
4823	Morhoff	Owner	6500
4824	Lanata	Sharnan	7000
4825	Lurie	Moleran	17500
4826	Yague	Owner	7000
4827	Lurie	Owner	10000
4828	Ingham	Meinberger	12000
4829	Hoots	Owner	8000
4830	Hyman	O'Mara	2160
4831	Stanley	Owner	3000
4832	Eddy	Owner	3000
4833	Young	McCormick	1100
4834	Holmgren	Owner	9000
4835	Corrigan	Soracco	1400
4836	Brubaker	Owner	7500
4837	Betty's	Federal	1500
4838	Aaron	Jones	8000
4839	Cohen	Jones	3000
4840	McPike	Coburn	2000
4841	Jacobs	Todhunter	2000
4842	Olmo	Owner	2500
4843	Mangels	Mangels	7000
4844	Christensen	Owner	9000
4845	Boisson	Owner	8000
4846	O'Brien	Buschke	7287
4847	Holmes	Kincanon	6095

DWELLING
(4754) E RHODE ISLAND 350 N Rhode Island. Move, raise and alter dwlg. Owner—Alex Sarlandt, 917 Rhode Island St., S. F. Architect—None. \$1000

ALTERATIONS
(4752) 4034 TWENTIETH ST. Alterations for dwelling. Owner—L. Richter, 211 Silver Avenue, San Francisco. Architect—None. Contractor—Bruce and Ash, 1920 Post St., San Francisco \$1000

DWELLING
(4753) S SILVER AVE., bet. Gambler and Sillman Aves., 1-story and basement frame dwelling. Owner—John M. Chiavario, 137 Knox St., San Francisco. Architect—None. \$1500

FACTORY
(4754) N NAPOLEON 290-1114 E Jerrold Ave. Drive wood piling for paint and varnish factory. Owner—Magner Bros, 414 9th St., San Francisco. Architect—None. Contractor—M. Fisher, 713 Mission St., San Francisco. \$4000

GARAGE
(4754) N VALLEJO 158-6 W Larkin. 1-story class C private garage. Owner—A. Ramazzotti, premises. Architect—None. \$2000

OFFICES
(4755) W SANSOME 90 S California. 8-story and basement class A offices. Owner—Firemans Fund Insurance Co. Architect—Weeks & Day, 315 Montgomery St., San Francisco. Contractor—MacDonald & Kahn, 130 Montgomery St., S. F. \$250,000

FLATS
(4756) SW CHURCH & ELIZABETH. 2-story and basement frame (3) flats. Owner—John F. Mullane, 155 29th St., San Francisco. Architect—None. \$8000

FLATS
(4757) W THIRTY-THIRD AVE. 225 250 275 S Clement. 3 2-story and basement frame flats (2 flats in each building). Owner—P. J. Phelan, 519 14th Avenue, San Francisco. Architect—A. H. Knoll, Hearst Bldg., San Francisco. \$7000 each

APARTMENTS
(4758) S PINE 81 W GOUGH. 3-story and basement frame (11) apartments. Owner—Anna Coffer, 1805 Pine St., San Francisco. Architect—M. Coffer, 1805 Pine St., San Francisco. \$12,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

RESIDENCE
(4761) N. CAMINO DEL MAR 2nd W
47th Ave. 2-story and basement
frame dwelling.
Owner—Henry E. Adler, Inc. 148 Sutter
St., S. F.
Architect—W. H. B. 1500 148 Sutter
St., S. F. \$10,000

APARTMENTS
(4762) SW ELMERT AND FRANKLIN
Sts. 2-story and basement frame
(12) apartments.
Owner—A. Menendez, 341 Turk St.,
San Francisco.
Architect—C. Hladik, Monadnock
Bldg., S. F. \$18,000

(4763) NE ELLIS AND MASON STS.
Minor alterations and changes in
theatre.
Owner—Liberty Amusement Co., Casino
Theatre, City.
Architect—None.
Contractor—E. H. Dwyer & Son, 1117
Webster St., Oakland. \$9800

FLATS
(4764) S GREEN 22, E FIFTH ST
107-10 x E 35. All work for 2-
story frame flat building.
Owner—Beatrice J. Tait, 2365 Green
St., S. F.
Architect—Fabre & Hildebrand, 110
Sutter St., S. F.
Contractor—M. C. Izrahian, 165 Powell
St., S. F.

Filed Nov. 13, 1924. Dated Oct. 18, 1924.
Ready for roof \$3500
Brown coated 3500
Completed and accepted 3500
Usual 35 days 3500
TOTAL COST, \$13,400
Bond, \$7000. Sureties, J. C. Moore and
J. C. Moore Jr., forfeit, none. Limit,
90 days. Plans and specifications filed

REFRIGERATOR
(4765) NW BATTERY AND SACRAMENTO
W 275 x N 119-8. All work
for kitchen refrigerating equip-
ment for 7-story class A banking
building.
Owner—Federal Reserve Bank of San
Francisco, Sansone and Sacramen-
to Sts., S. F.
Architect—George W. Kelham, Sharon
Bldg., S. F.
Contractor—James T. Ludlow, 460
Montgomery St., S. F.
Filed Nov. 13, 1924. Dated Nov. 12, 1924
10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$4430
Bond, \$2215. Sureties, Fidelity & De-
posit Co., forfeit, none. Limit, 35
days. Plans and specifications filed.

HEATING, ETC.
(4766) N. HARRISON AND SPEAR
NE 275 x NW 276. All work for
steam heating and ventilating sys-
tem for 6-story warehouse and
office building.
Owner—Hills Bros., 175-7 Fremont St.,
San Francisco.
Architect—George W. Kelham, Sharon
Bldg., S. F.
Contractor—James A. Nelson, Inc.,
517-19 6th St., S. F.
Filed Nov. 13, 1924. Dated Nov. 13, 1924
10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$26,353
Bond, \$13,177. Sureties, Maryland Cas-
ualty Co., forfeit, none. Limit, Jun-
30, 1925. Plans and specifications filed.

DWELLING
(4767) W DOULTREE 325 S Crescent
Ave. One-story and basement
frame dwelling.
Owner—John Dahla, 430 Crescent
Ave., San Francisco.
Architect—None. \$2800

DWELLING
(4768) E THIRTY-EIGHTH AVE 225
N Fulton. One-story and basement
frame dwelling.
Owner—Vincent Di Nola, 1235 Webster
St., San Francisco.
Architect—Wm. M. Myer, Cupertino,
Calif.
Contractor—Wm. M. Myer, Cupertino,
Calif. \$4000

DWELLING
(4769) NE MONTICELLO & HOLLO-
way. One-story and basement
frame dwelling.
Owner—G. W. Morris, 101 Urbano Dr.,
San Francisco.
Plans by Owner. \$5000

GARAGE
(4769) NO. 770 DOLORES. One-story
concrete private garage.
Owner—H. M. Webster, 1700 Mission
Architect—None.
Contractor—Adam Arras, 185 Steven-
son St., San Francisco. \$1200

APARTMENTS
(4770) E HYDE 49-6 S Lombard.
Six-story basement and sub-basement
(6) apartments.
Owner—Frank B. Lorigan, 802 Hum-
boldt Bank Bldg., S. F.
Architect—C. A. Neussdorffer, 802
Humboldt Bk Bldg., S. F. \$60,000

FACTORY
(4771) W NINTH 242-6 S Howard.
One-story and mezzanine floor light
mfg. plant.
Owner—Smith O'Brien and C. E. Hob-
son, 742 Market St., S. F.
Architect—Smith O'Brien, 742 Market
St., San Francisco.
Contractor—Buschke & Brown, 604
Mission St., S. F. \$7500

ALTERATIONS
(4772) 917 SACRAMENTO ST. Re-
model for flats.
Owner—Wm. McGuire, 931A Sacra-
mento St., S. F.
Architect—None.
Contractor—Otto Carson, 180 Jessie St.,
San Francisco. \$1000

DWELLING
(4773) W ELEVENTH AVE 100 N
Montezuma. 2-story and basement
frame dwelling.
Owner—Francis Lauridsen, 1507 Steiner
St., S. F.
Architect—None. \$3000

DWELLING
(4774) SW CRAUT AND SILVER AVE.
1-story and basement frame dwlg.
Owner—Wm. Powell.
Architect—None.
Contractor—Lindsay Construction Co.,
271 Winchester St., S. F. \$1500

FLATS
(4775) S 15TH 125 E CASTRO. Two-
story and basement frame (2) flats.
Owner—H. F. Krauskopf, 384 Dolores
St., San Francisco.
Architect—None. \$5500

FLATS
(4776) W 33RD AVE. 175 & 200 S
Clarendon. Two 2-story and basement
frame flats (2 flats in each bldg).
Owner—Little & Christensen, 1442 8th
Ave., S. F.
Architect—None. \$6000

APARTMENTS
(4777) N FILL 52-6 E BUCHANAN.
Two-story and basement frame (16)
apartments.
Owner—R. Monson, 240 46th Avenue,
San Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., S. F.
Contractor—A. Monson, 640 46th Ave.,
San Francisco. \$22,000

DWELLINGS (S)
(4778) N ESTERO 97, 145, 197, 252,
307, 357 W Alviso and N Estero
139, 189 E Lunada Way. Eight 1-
story and basement frame dwlg.
Owner—G. W. Morris, 101 Urbano
Drive, San Francisco.
Architect—Plans by owner. \$4000 each

BUILDING
(4779) N FRANCISCO 125 E OCTA-
via. Two 2-story and basement
frame 4-room and bath and two
3-room apts and bath.
Owner—Lilla R. Kaufman.
Architect—None.
Contractor—H. O. Lindeman, 619 27th
Ave., San Francisco.
Filed Nov. 14, 1924. Dated Nov. 10, 1924.
To execute deed of trust on above
property in amount of \$3500 upon ex-
ecution of agreement.
Roof on \$3500
Brown coated 3500
Completed and accepted 3500
Usual 35 days 3500
TOTAL COST, \$17,500
Bond, none. Sureties, none. Forfeit,
\$10 per day. Limit 120 days. Spec-
ifications, none. Plans, none.

BUILDING
(4779) N FRANCISCO 150 E OCTA-
via. 2-story and basement frame
apartments (Two 4-rooms and
bath and two 3-rooms apts. and
bath).
Owner—Evelyn Ella Lee, 1000 Sutter
St., S. F.
Architect—None.
Contractor—H. O. Lindeman, 619 27th
Ave., S. F.

Filed Nov. 14, 1924. Dated Nov. 13, 1924.
To execute deed of trust on above
property for \$3800.
Roof on \$3500
Brown coated 3500
Completed and accepted 3500
Usual 35 days 3500
TOTAL COST, \$17,800
Bond, none. Sureties, none. Forfeit,
\$10. Limit, 120 days. Specifications,
none. Plans, none.

DWELLINGS
(4780) STS 3 AND 4 BLK. 21 ST
Francis Wood Extension No. 2. All
work for two 1-story and base-
ment frame dwellings.
Owner—Westgate Park Co., 278 Post,
San Francisco.
Architect—Masten & Hurd, 278 Post,
San Francisco.
Contractor—J. Prout, 515 Magellan,
San Francisco.

Filed Nov. 14, 1924. Dated Nov. 13, 1924.
Frame up \$501.25
Brown coated 3501.25
Completed and accepted 3501.25
Usual 35 days 3501.25
TOTAL COST, \$14,000
Bond, \$7002.50. Sureties, Frank H. Mar-
tell and C. W. Higgins. Forfeit, \$5.00
per day. Limit, 90 days. Plans and
specifications filed.

DWELLING
(4781) W SAN BUENAVENTURA
Way distant 18 from int. with N
11th. Lot 5, N 70 W 100.35 m or 1
S 70 E 100.44 m or 1 to beg. Ptn.
Lot 5 and all Lot 6 and ptn. Lot
7, Bk. 13, St. Francis Wood Ex-
tension No. 2. All work for 2-story
frame dwelling.
Owner—Westgate Park Co., 278 Post
St., S. F.
Architect—Masten & Hurd, 278 Post St.,
San Francisco.
Contractor—J. Prout, 515 Magellan,
San Francisco.

Filed Nov. 14, 1924. Dated Nov. 13, 1924.
Frame up \$330.25
Brown coated 330.25
Completed and accepted 330.25
Usual 35 days 330.25
TOTAL COST, \$15,521
Bond, \$7670.50. Sureties, Frank H.
Martell and C. W. Higgins. Forfeit,
\$5.00 per day. Limit, 110 days. Plans
and specifications filed.

STORES, APTS.
(4782) WEST PORTAL PARK, LOT 3,
Blk. 2931. All work except gas
and electric fixtures, finish hard-
ware and wall beds for 2-story
frame (3) stores and (3) apts.
Owner—Dr. Russell Cushing, Phelan
Bldg., S. F.
Architect—None.
Contractor—Robert H. Kelly, 59 Grant-
ham St., S. F.
Filed Nov. 14, 1924. Dated Nov. 5, 1924.
Frame up and roof on \$4262.50
Finish plaster on 4262.50
Completed and accepted 4262.50
Usual 35 days 4262.50
TOTAL COST, \$17,050
Bond, sureties, forfeit, none. Limit, 120
days. Plans and specifications filed.

VACUUM SWEEPER, ETC.
(4783) E MARKET AND BEALE NE
137-6 x SE 138. All work for
vacuum sweeper machines and sep-
arators for office building.
Owner—Pacific Gas & Electric Co., 445
Sutter St., S. F.
Architect—None.
Contractor—Frank Drew, Phelan Bldg.,
San Francisco.
Filed Nov. 13, 1924. Dated Oct. 21, 1924.
On completion 75%
Usual 35 days 25%
TOTAL COST, \$5588
Bond, \$1800. Sureties, Aetna Casualty
& Surety Co. Forfeit, none. Limit, 30
days. Plans and specifications filed.

GRADING
(4784) S SACRAMENTO 137-6 W Grant
Ave. 137-6 x SE 138. All work for
grading, bulkheading, etc. for 4-
story and basement concrete bldg.

Owner—Young Men's Christian Association of S. F., 220 Golden Gate Ave., S. F.

Architect—Frederich H. Meyer and Albin Johnson, 742 Market St., S. F.
Contractor—Shibby, Grading and Teaming Co., 165 Landers St., S. F.

Filed Nov. 14, 1924. Dated Nov. 14, 1924.
Completed \$1750
Usual 35 days 500

TOTAL COST, \$2250

Bond, \$1175. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 30 days. Plans and specifications filed.

FLATS
(4785) N CHESTNUT 150 E Laguna. Two-story and basement frame (2) flats.

Owner—William Charovsky, 2252 Filbert St., San Francisco.
Architect—None.
Contractor—J. Nicolaisen, 1325 Fell St., San Francisco. \$7000

ALTERATIONS
(4786) NO. 1043 MARKET. Install lunch counter; soda fountain and kitchenette.

Owner—Weinstein Co., Premises.
Architect—None.
Contractor—American Furniture Mfg. Co., 1709 Mission St., S. F. \$1200

ALTERATIONS
(4787) NO. 3370 TWENTY-SIXTH ST. Raise cottage 12 ft. and make one-story addition for store.

Owner—F. H. Brinckmann, Premises.
Architect—None.
Contractor—C. F. Muller, 84 28th St., San Francisco. \$4000

DWELLINGS
(4788) E TWENTY-SECOND AVE. 125, 152, 173, 206, 223, 260, 287, 314, 341 and 368 S. Judah. Ten one-story and basement frame dwellings.
Owner—Lang Realty Co., 219 1st Nat'l Bank Bldg., San Francisco.
Architect—Harold G. Stoner, 219 1st National Bank Bldg., San Francisco. \$3500 each

LOFTS
(4789) NE CLEMENTINA & NINTH STs. Two-story concrete lofts.
Owner—L. A. Myers, 68 Post St., S. F.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello Blvd., S. F. \$12,500

APARTMENTS
(4790) NE GOUGH AND LOMBARD. Three-story and basement frame (12) apartments.
Owner—Chas. A. Johnson, 50 Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$25,000

SHOP
(4791) E MONTGOMERY 137-6 N Jackson. One-story and part basement concrete shop.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Industrial Constr. Co., 815 Bryant St., S. F. \$9800

DWELLINGS
(4792) SW EXCELSIOR AND EDINBURG and S Excelsior 75 W Edinburg and S Excelsior 25 W Edinburg and W Edinburg 75 S Excelsior. Four one-story and basement frame dwellings.
Owner—Joseph M. Nello, 172 Beritita St., San Francisco.
Architect—None. \$4000 each

GARAGE
(4793) E HOFF AVE 123 N 17th St. One-story brick private garage.
Owner—Farrar & Carlin, 185 Stevenson St., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F. \$9000

ALTERATIONS
(4794) NO. 924 GRANT AVE. Electrical work for alterations and additions to three-story and basement Class C building.

Owner—Ming Yee Association.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Decker Electrical Constr. Co., 149 Montgomery St., S. F.
Filed Nov. 15, '24. Dated Aug. 30, '24.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$2440

Bond, \$1220. Surety, Fidelity & Deposit Co. of Maryland. Limit, 140 days. Forfeit, \$10. Plans and specifications.

(4795) TILE WORK ON ABOVE.
Contractor—Thomas F. O'Connor.
Filed Nov. 15, '24. Dated Aug. 30, '24.
Payments same as above.....

TOTAL COST, \$6382
Bond, \$3191. Surety, American Surety Co. Limit, 140 days. Forfeit, \$10. Plans and specifications filed.

(4796) ALL WORK EXCEPT ELECTRICAL work and tile work on above.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Nov. 15, '24. Dated Aug. 30, '24.
Payments same as above.....

TOTAL COST, \$70,000
Bond, \$35,000. Surety, Union Indemnity Co. Limit, 140 days. Forfeit, \$10. Plans and specifications filed.

ELECTRICAL WORK
(4797) NE GEARY AND NINTH AVE. Electrical work for building known as Pacific Office.

Owner—The Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—Bliss & Elvick, Balboa Bldg., San Francisco.
Contractor—Central Elec. Co., 185 Stevenson St., San Francisco.
Filed Nov. 15, '24. Dated Nov. 7, '24.
On 1st of each month 75%
Usual 35 days 25%

TOTAL COST, \$9950
Bond, \$9950. Surety, Hartford Accident and Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

DWELLINGS
(4798) E NINETEENTH AVE. 50 75 N Kirkham. 2 1-story and basement frame dwellings.
Owner—E. Thorp, 1005 Hyde St., San Francisco.
Architect—None. \$5000 each

DWELLINGS
(4799) W ELLINGTON 160 186-6 S Whipple. 2 1-story and basement frame dwellings.
Owner—P. DeMartini, 2369 Octavia and A. Valconesi, 333 Ellington Ave., San Francisco.
Architect—None.
Contractor—Paul DeMartini, 2369 Octavia St., S. F. \$3000 each

DWELLING
(4800) W CHARTER OAK 350 N Thornton. 1-story and basement frame dwelling.
Owner—Caroline Scholz, 2466 San Bruno.
Architect—None.
Contractor—S. Saari, 200 Felton St., San Francisco. \$5000

DWELLING
(4801) 7 BANKS 175 S Jarbo. 1-story and basement frame dwelling.
Owner—Nick Prevexich, 271 Nevada St., San Francisco.
Architect—None. \$3000

FLATS
(4802) W FORTY-EIGHTH AVE. 107 S Quintara. 2-story and basement frame (2) flats.
Owner—Margaret Jeal, care contractor.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. \$7000

DWELLINGS
(4803) E HURON 90 115 N Geneva. 2 1-story and basement frame dwellings.
Owner—Andrew J. Conway and John Ryan, 2747 Mission St., S. F.
Architect—None.
Contractor—Oscar L. Erickson, 4507 Mission St., S. F. \$3950 each

ALTERATIONS
(4804) 3849 ARMY STREET. Raise and make additions for flats.
Owner—Martin Jensen, 3849 Army St., San Francisco.
Plans by owner. \$2000

REMODEL
(4805) 1818 HOWARD STREET. Remodel for office quarters.
Owner—Erg Estate, 1818 Howard St., San Francisco.
Architect—None.
Contractor—Geo. Wolfenden, 827 Wailer St., S. F. \$2000

DWELLING
(4806) S FOURTEENTH 178 E Castro. 1-story and basement frame dwelling.
Owner—Nels P. Johnson, 1934 Folsom St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3500

ALTERATIONS
(4807) 1915 McALLISTER STREET. Enlarge market; add one room to flat.
Owner—J. Paggetto, 1915 McAllister St., San Francisco.
Architect—None.
Contractor—S. A. Giusti & Co., 200 Green St., S. F. \$6000

FACTORY
(4808) SW FOLSOM & HAWTHORNE Streets. 2-story concrete factory.
Owner—Geo. A. Clough.
Architect—None.
Engineer & Contractor—J. H. Hjul, 128 Russ St., S. F. \$25,000

APARTMENTS
(4809) W VAN NESS AVE. 115 N Lombard. Three-story and basement frame (3) apartments.
Owner—Axel C. Johnson, 632 Belvedere St., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F. \$15,000

APARTMENTS
(4810) SE HUGO & 22ND AVENUE. Two-story and basement frame (6) apartments.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., S. F. \$12,000

ALTERATIONS
(4811) 917 SACRAMENTO. Alterations to building except painting on inside of building.
Owner—W. R. McGuire, 931A Sacramento St., S. F.
Architect—None.
Contractor—Otto Carson, 180 Jessie St., San Francisco.
Filed Nov. 17, 1924. Dated Oct. 26, 1924.
TOTAL COST, \$2666
Bond, none. Sureties, none. Forfeit, none. Limit, none. Plans, none. Successions, none.

BUILDING
(4812) SW MISSOURI & 17TH. One-story concrete building.
Owner—Folsom Street Iron Works, 18th and Folsom Sts., S. F.
Architect—None.
Contractor—Moller & De Luca, 185 Stevenson St., S. F.
Filed Nov. 17, 1924. Dated Nov., 1924.
Outside forms up to ceiling line reinforced steel in, and footings and piers poured \$3000
Wall poured and roof on 3373
Completed and accepted 3373
Usual 35 days 3243

Bond, none. Sureties none. Forfeit, none. Limit, as soon as possible. Plans and specifications filed.

ALTERATIONS
(4813) 1326 MINNESOTA ST. All work for alterations and repairs to roof of building.
Owner—The Fleischmann Co., 941 Mission St., S. F.
Architect—Geo. E. Ralph.
Contractor—Thomas M. Jones, 3767 Army St., S. F.
Filed Nov. 17, 1924. Dated Nov. 3, 1924.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$12,994
Bond, \$2298. Sureties, Globe Indemnity Co. Forfeit, none. Limit, Dec. 15, 1924. Plans and specifications filed.

FLATS
(4814) W SCOTT to N Francisco. Two-story and basement frame (2) flats.
Owner—Dr. F. A. Gawthorne, 5331 Geary St., San Francisco.
Architect—None. \$6000

DWELLING
(4815) W TWENTY-FIRST AVE 200 N Anza. One-story and basement frame dwelling.

Owner—F. Will, 463 21st Ave., S. F.
Architect—None.
Contractor—H. Steinsson, 141 Lower
 Terrace, San Francisco. \$1000

ALTERATIONS
 (4181) SE 34th GEARLY. Concrete
 foundation; reshingle roof.
Owner—L. S. Gaudy, Premises.
Architect—None.
Contractor—Prosper Bon, San Bruno,
 Cal. \$1500

FLATS
 (4187) SE VIENNA 25 NE France.
 Alter and add to (3) flats.
Owner—Castro Crespo, 713 Vienna St.,
 San Francisco. \$2000

OFFICES
 (4181) W NEW MONTGOMERY, MIN-
 na to Natoma Sts. Twenty-six-
 story and basement Class A office
 building.
Owner—Pacific Telephone & Telegraph
 Company.
Architect—Miller-Pfueger and A. A.
 Conlin, Lark Bldg., S. F.
Contractor—Lindgren & Swinerton,
 Inc., 622 Standard Oil Bldg., San
 Francisco. \$5,000,000

DWELLING
 (4181) SE MEADE AND RAILROAD
 Ave. One-story and basement
 frame dwelling.
Owner—A. Toso, 2129 Taylor St., San
 Francisco.
Architect—P. F. DeMartini, 516 Broad-
 way, San Francisco. \$2500

FOUNDATION
 (4182) N FILBERT 20 W Divisadero.
 construct concrete foundation.
Owner—Wm. J. Harrison, Chronicle
 Bldg., San Francisco.
Architect—None. \$1000

ALTERATIONS
 (4181) SE WEBSTER AND IVY AVE.
 Alterations and repairs to dwelling
Owner—Ben Fireman, 663 Hayes St.,
 San Francisco.
Architect—Philip Schwerdt, 2920 Jack-
 son St., San Francisco. \$4800

FLATS
 (4182) W FAIR OAKS 66 S 24th. Two-
 story and basement frame (2) flats
Owner—Baker & Watson, 3508 23rd
 St., San Francisco. \$6500
Plans by Owner.

DWELLING
 (4183) SW ANZA AND 48TH AVE. 2-
 story and basement frame dwlg.
Owner—Wm. Morhoff, premises.
Architect—L. V. Howard, 3014 Geary St.
 San Francisco. \$4200

FLATS
 (4184) N LOMBARD 160 W Buchanan.
 2-story and basement frame (2)
 flats.
Owner—G. B. Lanata, 1926 Lombard St.,
 San Francisco.
Architect—None.
Contractor—T. L. Sherman & Son, 1440
 Shafter Ave., S. F. \$7000

PAVILION & STORES
 (4185) E GUERRERO BET. 15TH &
 18th Sts. One-story concrete pavil-
 ion and stores.
Owner—Louis Lurie & Ralph McLeran.
Architect—Weeks & Day, 315 Mont-
 gomery St., S. F.
Contractor—R. McLeran, Hearst Bldg.,
 S. F. \$175,000

FLATS
 (4186) E CLAYTON 346 S ASHBURY.
 Two-story and basement frame (2)
 flats.
Owner—Karl Yngve, 133 Alpine Ter.,
 San Francisco.
Architect—None. \$7000

SOAP WORKS
 (4187) 12TH ST 75 N FOLSOM. Two-
 story concrete glue, tallow and
 soap works.
Owner—Louis Lurie, 315 Montgomery
 St., (California Glue, Soap and Tal-
 low Co., Lessee).
Architect—O'Brien Bros., 315 Mont-
 gomery St., S. F. \$100,000

FLATS
 (4188) N 1st FORTIA S2-E 6TH
 Ave. Two-story and basement
 frame (4) flats.
Owner—Emma Ingham, 4351 Calif. St.,
 San Francisco.
Architect—J. C. Hladik, Monadnock
 Bldg., S. F.
Contractor—H. S. Meinberger, 653 15th
 Ave., S. F. \$12,000

FLATS
 (4189) E 23RD AVE. 200 S GEARLY.
 Two-story and basement frame (4)
 flats.
Owner—Paul & Howard Hoots, 775 41st
 Ave., S. F.
Architect—Edward E. Young, 2002
 Calif. St., S. F. \$8000

ALTERATIONS
 (4189) 74 3RD ST. Boiler room equip-
 ment, steam heat and hot water for
 Westchester hotel.
Owner—Hyman Bros. Co., 536 Kearny
 St., San Francisco.
Architect—None.
Contractor—J. E. O'Mara & Co., 218
 Clara St., S. F.
 Filed Nov. 18, 1924. Dated Nov. 10, 1924.
 Completed and accepted \$1620
 Usual 35 days 740
TOTAL COST, \$2160
 Bond, none. Sureties, none. Forfeit,
 none. Limit, none. Specifications,
 none. Plans filed, none.

DWELLING
 (4181) E VIENNA 100 N Amazon
 Ave. One-story and basement
 frame dwelling.
Owner—John Stanley, 153 Brussels St.,
 San Francisco.
Plans by Owner. \$3000

DWELLING
 (4182) N ANZA 75 E Forty-fourth
 Ave. One-story and basement
 frame dwelling.
Owner—Eddy & Shadek, 51 Octavia St.,
 San Francisco. \$3000
Architect—None.

FLATS
 (4183) NO. 87 HILL ST. Alterations
 and additions for (2) flats.
Owner—J. J. Young, Premises.
Architect—None.
Contractor—T. W. McCormick, 73 Hill
 St., San Francisco. \$1100

DWELLINGS
 (4184) E FLORENTINE 250, 275 and
 300 N Morse. Three one-story and
 basement frame dwellings.
Owner—Victor Holmgren, 5485 Mission
 St., San Francisco. \$3000 each
Architect—None.

DWELLING
 (4185) W EIGHTEENTH AVE 235 N
 Irving. Two-story and basement
 frame dwelling.
Owner—Mrs. Kate Corrigan, 1143 Oak
 St., San Francisco.
Architect—F. A. Soracco, 127 30th St.,
 San Francisco.
Contractor—Soracco Bros., 125-127 30th
 St., San Francisco. \$4000

ALTERATIONS
 (4186) NE FILLMORE AND GOLDEN
 Gate Ave. Remodel for stores and
 rooms; erect fire escapes; toilet
 rooms, etc.
Owner—J. S. J. Bettman, Premises.
Architect—N. W. Sexton, Chronicle
 Bldg., San Francisco. \$7500

ELECTRIC SIGN
 (4187) 100 ELLIS ST. DIRECT SIN-
 gle faced electric sign.
Owner—Betty's Casino, 198 Ellis St.,
 San Francisco.
Architect—None.
Contractor—Federal Electric Co., 91
 New Montgomery St., S. F. \$1500

FLATS
 (4188) E 12TH AVE. 325 N GEARLY.
 Two-story and basement frame (2)
 flats.
Owner—Robert Aaron, 268 9th Ave.,
 San Francisco.
Architect—Joseph Aaron, 562 19th Av.,
 San Francisco.
Contractor—Thos. M. Jones, 3767 Army
 St., San Francisco. \$8000

DWELLING
 (4189) W 20TH AVE. 250 S IRVING.
 One-story and basement frame
 dwelling.
Owner—M. Cohen.
Architect—Joseph Shapero, 16th Av.,
 San Francisco.
Contractor—Thos. M. Jones, 3767 Army
 St., S. F. \$3000

ALTERATIONS
 (4190) 649 14TH AVE. REPAIR
 tar and gravel roof, plastering,
 painting, install patent flues, etc.
Owner—Mrs. Lila McPike, 649 14th Av.,
 San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie
 St., S. F. \$2000

REPAIR FIRE DAMAGE
 (4191) 134 MAIDEN LANE. Repair
 fire damage (restaurant).
Owner—Mrs. Rebecca Jacobs, 531
 Mills Bldg., S. F.
Architect—None.
Contractor—Geo. C. Todhunter, 1083
 Ashbury St., S. F. \$2000

DWELLING
 (4192) S CORTLAND AVE. 23-4 E
 Bronte. One-story and basement
 frame dwelling.
Owner—Frank Olmo Co., 3359 Mission
 St., S. F.
Architect—None. \$2500

RESIDENCE
 (4193) E SANTA CLARA 220 S ST.
 Francis Blvd. Two-story and base-
 ment frame residence.
Owner—H. C. & W. J. Mangels, 4792
 Mission St., S. F.
Architect—B. C. Corbett, 1720 Pacific
 Ave., S. F.
Contractor—Mangels Bros., 4792 Mis-
 sion St., S. F. \$7000

FLATS
 (4194) E 11TH AVE. 125 N CLEMENT
 Two-story and basement frame (4)
 flats.
Owner—Christensen Bros., 518 25th Av.,
 San Francisco.
Architect—None. \$9000

FLATS
 (4195) W 22ND AVE. 175 N GEARLY.
 Two-story and basement frame (4)
 flats.
Owner—Francis L. Boisson, 369 22nd
 Ave., S. F.
Architect—None. \$8000

BUILDING
 (4196) SW 9TH 242-6 SE HOWARD
 SE 32-6 x SW 100 M B 2. All work
 except plumbing, electric work and
 painting 2-story building.
Owner—Smith O'Brien & C. B. Hobson,
 742 Market St., S. F.
Architect—Smith O'Brien, 742 Market
 St., S. F.
Contractor—Buschke & Brown, 604 Mis-
 sion St., S. F.
 Filed Nov. 19, 1924. Dated Nov. 11, 1924.
 Payments of 15% on list of each
 month
 25% 35 days after. **TOTAL COST, \$7287**
 Bond, none. Sureties, John R. Sims &
 Thos. Emmott. Forfeit, \$10. Limit,
 Jan. 25, 1925. Plans and specifications
 filed.

TOWER
 (4197) SW DE HARO & DIVISION W
 S2-6 x S 210 All work except
 grading, concrete and plumbing for
 sand bunkers and plaster tank
 tower.
Owner—Holmes Lime & Cement Co.,
 425 Kearny St., S. F.
Architect—W. H. Crim, Jr. & Hamilton
 Murdock, 425 Kearny St., S. F.

NOW READY FOR DELIVERY—

PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calcula-

tions," for Quantity Surveyors and Contractors.

Loose Leaves in Fabrikkoid Covers \$3.50 Net, Postpaid. Same in
 Genuine Leather Covers \$5.50 Net, Postpaid.

Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission

St., San Francisco, Calif., U. S. A.

Contractor—Kincanon & Walker, Russ
Blk., S. F.
Filed Nov. 13, 1924. Dated Nov. 14, 1924.
Frame up \$2285
Completed and accepted 2386
Usual 35 days 1524
TOTAL COST, \$6095
Bond, \$3047.50. Sureties, Fidelity &
Deposit Co. of Maryland. Forfeit, \$10.
Limit, 40 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded
Nov. 12, 1924—S 5 FT. OF LOT 15
and N 45 ft. of Lot 14, Blk. 4, St.
Francis Wood Extension No. 1. H. C.
and W. J. Manassis vs. Manassis
Bros. to whom it may concern. Nov. 12, 1924
Nov. 12, 1924—S GENEVA 130 E
Athens, Lot 6, Blk. 21, Crocker Amazon
Tract. Fred Fuhr to whom it may
concern. Nov. 12, 1924
Nov. 12, 1924—E GOUGH 50 N Lombard
N 25 x E 87-6. John J. McGovern
to E. J. Montgomery. Nov. 12, 1924
Nov. 12, 1924—NW CLEMENT AND
25th Ave. W 32-6 x N 100. Michael
D. Hardiman to whom it may concern.
Nov. 12, 1924—E 16, BLK. 10, MAP
Ingledale, Tithonus Rowena W.
Abbott to David Hill. Nov. 12, 1924
Nov. 12, 1924—S 21ST 50 E YORK
Timothy H. Sullivan to whom it may
concern. Nov. 12, 1924
Nov. 12, 1924—S JUDAH 43 E 16TH
Ave. E 25 x S 100. Louis A. Landreville
to whom it may concern. Nov. 12, 1924
Nov. 12, 1924—S 38TH AVE. 100 N
Cabrillo N 25-9 x W 120. Dr. F. A.
Gawthorne to whom it may concern.
Nov. 12, 1924—W 33RD AVE. 125 E
Balboa 25 x 120. Wm. Costello to
whom it may concern. Nov. 10, 1924
Nov. 12, 1924—W BRODERICK 50 W
Chestnut N 25 x W 87-6. Dr. F. A.
Gawthorne to whom it may concern.
Nov. 12, 1924—N 27TH 265 W SANCHEZ
25 x 114. Roy A. Helgeson
to whom it may concern. Nov. 10, 1924
Nov. 12, 1924—W ASHLEY AVE. 80
and 40 N Grafton. Max Breitman
to Louis Goldstein. Nov. 10, 1924
Nov. 12, 1924—N GOLDEN GATE
Ave. 30 W Lyon 80 on Golden Gate
N 100. Reg. Coleman & S. G.
Camp to whom it may concern. Nov. 10, 1924
Nov. 13, 1924—N UNION 62-6 W Laguna.
Chas Monson to Bros. Nov. 1, 1924
Nov. 13, 1924—E TWENTY-SECOND
Ave 33-4 S Taraval S 33-4 x E 120.
Alfred Bernhard to whom it may
concern. Nov. 12, 1924
Nov. 13, 1924—E TWENTY-SEVENTH
Ave 157-6 S Balboa E 100x25 25.
Nancy F and A L Smith to C T
Magill. Nov. 12, 1924
Nov. 10, 1924—W PIERCE
Fall 26x112-6 T. B. Strand to whom
it may concern. Nov. 10, 1924
Nov. 13, 1924—LOT 15, BLK. 6438
Crocker Amazon Tract, Sub. 2.
Crocker Estate Co. to whom it may
concern. Nov. 13, 1924
Nov. 13, 1924—LOT 16, BLK. 6438
and Lot 17 Blk. 6450 Crocker Amazon
Tract Sub. No. 2. Crocker
Estate Co. to whom it may concern.
Nov. 4, 1924
Nov. 13, 1924—S MARKET AND 3RD
SW 75 x SE 70. City Inv. Co. to
Gilley Schmidt Co. and The First
System Co. Nov. 10, 1924
Nov. 3, 1924—S UNION 213 E VAN
Ness Ave. E 28 x S 69-213. Victor
Jullimes to whom it may concern.
Nov. 13, 1924
Nov. 13, 1924—NW HARRIET 225 SW
Bryant SE 25 x SW 80. Robert N.
Gibson to whom it may concern.
Nov. 13, 1924
Nov. 13, 1924—S 27TH AVE. S Fy.
ing Anna M. Pohlen to whom it
may concern. Oct. 27, 1924
Nov. 13, 1924—W 41ST AVE. 150 N
Irving. W 41st Ave. S 100 N Irving.
E 41st Ave. 225 N Irving. Henry
B. Bernhardt to whom it may concern.
Nov. 13, 1924
Nov. 13, 1924—LOT 17 BLK. 23, ST
Francis Wood Extension No. 2.

Westgate Park Co. to Henry F.
Japenhausen. Nov. 10, 1924
Nov. 13, 1924—LOT 3, BLK. 5833, St.
Mary's Park. Gordon W. Morris
and Finnie Morris to whom it may
concern. Nov. 13, 1924
Nov. 13, 1924—LOT 5 BLK. 5833 St.
Mary's Park. Gordon Morris and
Finnie Morris to whom it may concern.
Nov. 7, 1924
Nov. 13, 1924—LOT 4, BLK. 5833 St.
Mary's Park. Gordon W. Morris
and Finnie Morris to whom it may
concern. Nov. 5, 1924
Nov. 13, 1924—E 32ND AVE. 25 N
California. A. Lewis to whom it
may concern. Nov. 13, 1924
Nov. 13, 1924—W 43RD AVE. 100 S
Balboa. S 100 x W 120. Nov. 13, 1924
Nov. 13, 1924—E 28TH AVE. 120 N
Anza N 50 x E 120. Thomas Hamill
to whom it may concern. Nov. 13, 1924
Nov. 13, 1924—E 28TH AVE. 172 N
Anza N 25 x E 120. H. A. Chalmers
to whom it may concern. Nov. 13, 1924
Nov. 13, 1924—NE ANZA AND 40TH
Ave. N 50 x E 82-6. W. J. Behan
to Meyer Bros. Nov. 5, 1924
Nov. 13, 1924—W 38TH AVE. 79-3 N
Balboa N 175 x E 120. Meyer
Bros. to whom it may concern. Nov. 13, 1924
Nov. 12, 1924—S 24TH 90 FROM SE
Florida E 28 x S 100. Jos. and Lena
Jiunti to whom it may concern. Nov. 13, 1924
Nov. 15, 1924—W BRODERICK 63 S
Greenwich S 31 x W 78. Jos. Corvino
to whom it may concern. Nov. 15, 1924
Nov. 15, 1924—LAND BOUNDED BY
Humboldt, Michigan, Louisiana and
23rd Pacific Gas & Electric Co. to
Crawe Glass Co. Nov. 15, 1924
Nov. 15, 1924—N JOOST 125 W
Foerster W 25xN 100. Thomas E.
and Annie E Reynolds to John
Thomas. Nov. 14, 1924
Nov. 15, 1924—LOT 3, BLK. MAP
No. 2. John T. & Elizabeth A. Denahy
to J. J. Mullane. Oct. 25, 1924
Nov. 15, 1924—N GEARY 50 W
20th Ave. W 100 x E 100. Alfacer
Pritsch to Lewis A. Johnson. Nov. 15, 1924
Nov. 15, 1924—N BALBOA 82-6 E
20th Ave. 25 x 100. Chas. W. Johnson
and Hjalmar Anderson to John
Anderson. Nov. 15, 1924
Nov. 15, 1924—E FORTIETH AVE.
100 N Balboa N 25 x E 120. Marion
& Henry Irving to Meyer Bros.
Corp. Nov. 15, 1924
Nov. 15, 1924—E FORTIETH AVE.
100 N Balboa N 25 x E 120. Marion
and Henry Irving to Meyer Bros.
Corp. Nov. 15, 1924
Nov. 15, 1924—W THIRTY-FIFTH
Ave. 75 S Lincoln W 25 x E 120.
Frank & Mary Lakey Fischer
to John E. McCarthy. Nov. 14, 1924
Nov. 15, 1924—N WALLER 34-71 E
Shrader, 25x100. Alfred Bacus to
Mr. Anderson. Nov. 12, 1924
Nov. 15, 1924—240 FT. from E to W
and about 350 ft. from N to S fronting
on Geary on N Pin Blk. bdd by
Geary, Anza, 5th and 6th Aves.
La Societe Francaise De Bienfaisance
Mutuelle to H H Larsen Co. Nov. 15, 1924
Nov. 15, 1924—E TWENTIETH AVE
200 E Taraval S 33-4x120. Emma
C Wallace to Meyer Bros Corp. Nov. 15, 1924
Nov. 14, 1924—NE VINTH AND
Jersey 25x80 No. 345 Vinsburg.
Carl P. Hermanson to whom it
may concern. Nov. 14, 1924
Nov. 14, 1924—COMG. 300 W 7TH on
N Jessie 25x75. Robert Miller and
Edgar Steinau (as Miller-Steinau)
to Euschke & Brown. Nov. 6, 1924
Nov. 14, 1924—E 20TH AVE. 125 N
Lawton N 25 x E 100. Harry A.
Dilks to whom it may concern. Nov. 8, 1924
Nov. 14, 1924—NW CHESTNUT AND
Octavia W 43-6 x S 137-6. Stock &
Jose to whom it may concern. Nov. 14, 1924
Nov. 14, 1924—S PINE 137-6 W Taylor
W 43-6 x S 137-6. Madge H.
Fish to F. L. Hansen. Nov. 13, 1924
Nov. 14, 1924—S UNION 195 E
Djors to whom it may concern. Nov. 14, 1924
Nov. 14, 1924—S UNION 195 E
Djors to whom it may concern. Nov. 14, 1924
Nov. 14, 1924—S UNION 195 E
Djors to whom it may concern. Nov. 14, 1924

Nov. 14, 1924 — 1674 KIRKWOOD
Ave. A. G. G. to whom it may
concern. Nov. 14, 1924
Nov. 17, 1924—SE WAWONA 33-4 SW
from NE line Lot 22 Blk 2388-A SE
54 ft. of 1 NE 33-4 ft. of 1 NW 34 146
SW 33-4. Lena Sullivan to whom
it may concern. Nov. 17, 1924
Nov. 17, 1924—N MISSION 55 NE
Footst. Ave. 25x100. L J Chiappari to
A J Kronquist. Nov. 10, 1924
Nov. 17, 1924—NW BATTERY AND
Sacramento W 275xN 114-6. Federal
Reserve Bank of S. F. to Paul
E. DeWitt. Nov. 7, 1924
Nov. 17, 1924—E CENTRAL AVE 125
N Hayes N 25x100. Martin Brennan
to whom it may concern. Nov. 8, 1924
Nov. 17, 1924—LOT 19 BLK 2918 Map
Laguna Honda Park. Hawkins
Imp Co. to whom it may concern. Nov. 17, 1924
Nov. 17, 1924—SW HARRIET 125 SE
Bryant. Guiseppe and Louisa Cor-
sight to T. Saurish. Nov. 17, 1924
Nov. 17, 1924—N JOOST AVE. 100 W
Foothill. Mary G. Mary G.
Dunnigan to John C. Thomas. Nov. 17, 1924
Nov. 17, 1924—LOT 1 BLK 2889 Map
Laguna Honda Park. Hawkins
Imp Co. to whom it may concern. Nov. 15, 1924
Nov. 17, 1924—E NINETEENTH AVE
79 S Anza S 30x6 32-5. Robert L.
M. Elton to J. S. Howard. Nov. 17, 1924
Nov. 18, 1924 — SW GIRARD 200-6
NW Silliman 24-6 x SW 120. ptn. Blk
15, University Md. Survey and
Am. Nat. Camp. to whom it may
concern. Nov. 17, 1924
Nov. 18, 1924—N McALLISTER 125-5
E Divisadero thence alg. McAllister
49-7 W 137-6 W 50 S 37-6 E 0-5
100. George Evangelista and Paul
Lester Delnikos to N. O. Clausen. Nov. 17, 1924
Nov. 18, 1924—N FULTON 32-6 E 22nd
Ave. N 100 x E 25. Solomon Bibo
to Paul K. Jones. Nov. 10, 1924
Nov. 18, 1924—W NW 281-6 S 39TH
S 38-6 x 115. Louis Trebino to
whom it may concern. Nov. 18, 1924
Nov. 18, 1924—E 39TH AVE. 152 N
Cabrillo N 26 x E 120. E. A.
Gawthorne to whom it may concern.
Nov. 14, 1924
Nov. 18, 1924—S BROADWAY 125 W
Baker W 50 x S 132-7-1/2. N Pacific
199 W Baker W 20 x N 132-7-1/2. Mil-
ton D. Eisner to Taylor & Jack-
son. Oct. 5, 1924
Nov. 18, 1924—W CUVIER 100 N Bos-
worth bet. Bosworth and S. P. R.
Leigh and Mae Guiguard Hollett to
Johnson & Erlendsen. Nov. 18, 1924
Nov. 18, 1924—W CUVIER 125 N Bos-
worth bet. Bosworth and S. P.
Railroad, 7 Cuvier. Lambert John-
son Sr. to Johnson & Erlendsen. Nov. 10, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Nov. 12, 1924—E MAGELLAN AVE.
40 N from NW cor. certain parcel
of land conveyed to City and
T. of S. by S. W. Murdock
Realty Co. for the Laguna Honda
station, Twin Peaks tunnel, N. alg.
E Magellan Ave. on curve to left
of radius 335 dist. 60 to pt. where
tangent bears N 12° 53' 11" W N
74° 19' 51" E 64,054 S 13° 18' 46" E
13,105 S 23° 51' 12" E 39,911 S 35°
18' 49" E 12,320 S 77° 44' 1" E 286,
81,522 to Beg. Lot 47, 48, 49, 50
formerly B. N. Forest Hill. P.
Furnell vs. N. J. Malville and Mc-
Cauley & Weber, A. M. McCauley
and A. Weber. Nov. 10, 1923
Nov. 12, 1924—INT. ASHBURY AVE.
and Clayton. A. E. Lovett vs. Mar-
garet Grant. Not given
Nov. 12, 1924—SE MISSION 75 SW
3rd SW 85 SE 100 NW 15 SW 1 NE
80 NW 15 NW 15 and Samuel F.
Cohn as M. Cohn & Co. vs. Wilcox
Realty Co. Western Agencies, Inc.,
and N. Abrahams. Nov. 12, 1924
Nov. 12, 1924—N GLENN ST. 157-6
N 137-6 W 20 x S 137-6. P. Fur-
nell vs. David Broderick Murphy,
McCauley & Weber, A. McCauley
and A. Weber. Nov. 10, 1924 \$90.00

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

Nov. 12, 1924—E. MAGIELLAN AVE 40 N from N.W. Cor. certain parcel of land owned by City and County of San Francisco, 18 x 30 ft. Mudd's Realty Co. for Laguna Honda Station, Twin Peaks Tunnel, N. aig E. Maguelian Ave on curve to left with radius 335' dist 80 to pt. of tangency bears N 12° 52' 13" NW 74° 19' 51" E 61.054 S 12° 18' 46" E 31.105 S 23° 51' 12" E 32.911 S 3° 18' 49" E 12.320 S 77° 44' 11" W \$1,522 to beg. lot 47 Blk 2861, formerly Blk 2, Forest Hill, Spring Valley Lumber Yard Corp vs A. McCauley and A. Weber (as McCauley & Weber and N. J. Mcville) \$164.75

Nov. 17, 1924—W. PIERCE 50 S Green S 25xW 100. Bay City Floor Co vs Chas F Gibson \$224

Nov. 17, 1924—NO. 2006 WASHINGTON ST. Domingo Samede vs 2006 Washington St. Inc. O. John Questdorff, Arthur Fiddle and Robert Trust \$379.60

Nov. 17, 1924—S GREEN 50 W Columbus Ave W 57-8xS 70-9. Jos Lubatti and P. Ghilotti vs California Pacific Title Ins. Co. John Questdorff and Aden Alexander \$173

Nov. 18, 1924—W HARRISON AND 7th, NW 30 x SW 85. N. W. Taylor, \$44. A. Anderson, \$10.60. Geo. Olson, \$36.25. vs. W. J. Jackson, Katherine Hobbs and Sarah L. Hogan \$114.30

Nov. 18, 1924—NW 25TH & KANSAS N 25 x W 100. R. E. Hendricks vs. Herman J. Vidak \$50.

Nov. 18, 1924—S CLAY 218.9 W Fillmore W 25 x S 127.4. Bay City Floor Co. vs. Jean P. and E. P. Casson \$267.

Nov. 18, 1924—S 18TH 130 E NOE E 25 x S 114. John Cassaretto vs. Wm. E. and Amelia Stelzried and Everett L. Phelps \$184.30

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Nov. 13, 1924 - W BRIGHT 100 S Holloway S 50 x W 100; E Bright	
vs S. Heddy and W 25 x 100; W Bright 165 S Holloway S 25 x W 100; W Bright 200 S Holloway S 25 x W 100. John Cassaretto to John E. Block	
Nov. 13, 1924—S MARKET 172 E N Green N 20 x W 50. Friedman Bros. to Amice A. Farrar and Interstate Casualty Co.	
Nov. 13, 1924 - S GOLDEN GATE 20 x with NW Market running along S Golden Gate Ave. 152-6 S 52-9-2. Eide 46-5-2 to pt. on NW Market NE adg. NW Market 154-1-2 to beg. pt. 50 x E 239. Friedman Bros. to City Investment Co. and Interstate Casualty Co.	
Nov. 18, 1924 - LOT 5, BLK. 2816, Forest Hill Court. Jas. E. Lennon Lime & Cement Co. to O. R. Thayer and E. K. Nelson.	
Nov. 18, 1924—S MARKET 100 9TH SW 80 x SE 200. Berger Mfg. Co. to Robert A. Roche.	
Nov. 18, 1924—SE LAIDLLEY 102 SW Miguel SW 80 x SE 100. E. S. Thomson to Wm. and Olga Foley	\$961.80

3572	Lucy	Owner	1,000
3573	Lucy	Owner	1,000
3574	Lucy	Owner	1,000
3575	Lucy	Owner	1,000
3576	Lucy	Owner	1,000
3577	Lucy	Owner	1,000
3578	Lucy	Owner	1,000
3579	Lucy	Owner	1,000
3580	Lucy	Owner	1,000
3581	Lucy	Owner	1,000
3582	Lucy	Owner	1,000
3583	Lucy	Owner	1,000
3584	Lucy	Owner	1,000
3585	Lucy	Owner	1,000
3586	Lucy	Owner	1,000
3587	Lucy	Owner	1,000
3588	Lucy	Owner	1,000
3589	Lucy	Owner	1,000
3590	Lucy	Owner	1,000
3591	Lucy	Owner	1,000
3592	Lucy	Owner	1,000
3593	Lucy	Owner	1,000
3594	Lucy	Owner	1,000
3595	Lucy	Owner	1,000
3596	Lucy	Owner	1,000
3597	Lucy	Owner	1,000
3598	Lucy	Owner	1,000
3599	Lucy	Owner	1,000
3600	Lucy	Owner	1,000
3601	Lucy	Owner	1,000
3602	Lucy	Owner	1,000
3603	Lucy	Owner	1,000
3604	Lucy	Owner	1,000
3605	Lucy	Owner	1,000
3606	Lucy	Owner	1,000
3607	Lucy	Owner	1,000
3608	Lucy	Owner	1,000
3609	Lucy	Owner	1,000
3610	Lucy	Owner	1,000
3611	Lucy	Owner	1,000
3612	Lucy	Owner	1,000
3613	Lucy	Owner	1,000
3614	Lucy	Owner	1,000
3615	Lucy	Owner	1,000
3616	Lucy	Owner	1,000
3617	Lucy	Owner	1,000
3618	Lucy	Owner	1,000
3619	Lucy	Owner	1,000
3620	Lucy	Owner	1,000
3621	Lucy	Owner	1,000
3622	Lucy	Owner	1,000
3623	Lucy	Owner	1,000
3624	Lucy	Owner	1,000
3625	Lucy	Owner	1,000
3626	Lucy	Owner	1,000
3627	Lucy	Owner	1,000
3628	Lucy	Owner	1,000
3629	Lucy	Owner	1,000
3630	Lucy	Owner	1,000
3631	Lucy	Owner	1,000
3632	Lucy	Owner	1,000
3633	Lucy	Owner	1,000
3634	Lucy	Owner	1,000
3635	Lucy	Owner	1,000
3636	Lucy	Owner	1,000
3637	Lucy	Owner	1,000
3638	Lucy	Owner	1,000
3639	Lucy	Owner	1,000
3640	Lucy	Owner	1,000
3641	Lucy	Owner	1,000
3642	Lucy	Owner	1,000
3643	Lucy	Owner	1,000
3644	Lucy	Owner	1,000
3645	Lucy	Owner	1,000
3646	Lucy	Owner	1,000
3647	Lucy	Owner	1,000
3648	Lucy	Owner	1,000
3649	Lucy	Owner	1,000
3650	Lucy	Owner	1,000
3651	Lucy	Owner	1,000
3652	Lucy	Owner	1,000
3653	Lucy	Owner	1,000
3654	Lucy	Owner	1,000
3655	Lucy	Owner	1,000
3656	Lucy	Owner	1,000
3657	Lucy	Owner	1,000
3658	Lucy	Owner	1,000
3659	Lucy	Owner	1,000
3660	Lucy	Owner	1,000
3661	Lucy	Owner	1,000
3662	Lucy	Owner	1,000
3663	Lucy	Owner	1,000
3664	Lucy	Owner	1,000
3665	Lucy	Owner	1,000

3666	Kruschky	Owner	2500
3667	Kruschky	Owner	1415
3668	Kruschky	Owner	11500
3669	Kruschky	Owner	2000
3670	Kruschky	Owner	6000
3671	Kruschky	Owner	2700
3672	Kruschky	Owner	5000
3673	Kruschky	Owner	3250
3674	Kruschky	Owner	12000
3675	Kruschky	Owner	2000
3676	Kruschky	Owner	2000
3677	Kruschky	Owner	2000
3678	Kruschky	Owner	2000
3679	Kruschky	Owner	2000
3680	Kruschky	Owner	2000
3681	Kruschky	Owner	2000
3682	Kruschky	Owner	2000
3683	Kruschky	Owner	2000
3684	Kruschky	Owner	2000
3685	Kruschky	Owner	2000
3686	Kruschky	Owner	2000
3687	Kruschky	Owner	2000
3688	Kruschky	Owner	2000
3689	Kruschky	Owner	2000
3690	Kruschky	Owner	2000

DAVELLING
(5559) 1711 STANTON STREET, Alameda, 1-story 3-room dwelling.
Owner—A. Lee, 433 Central Ave., Alameda.
Architect—None. \$1500

REMODELING
(5560) 1711 STANTON STREET, Alameda, 1-story 3-room dwelling.
Owner—C. E. Tingley, Humboldt Bank Bldg., Alameda.
Architect—None.
Contractor—S. A. Greene, 510 28th St., Oakland. \$6000

ALTERATIONS
(5561) 1022 MURRAY ST., Berkeley. House moved and repaired.
Owner—P. M. Neilson, 2020 28th St., Oakland.
Architect—None. \$2500

DWELLING
(5562) 2316 ACTON ST., Berkeley. Dwelling.
Owner—H. Wallers, 1529 Harmon St., Berkeley.
Architect—None. \$2200

DWELLING
(5563) 1022 MERCED, Berkeley. Dwelling.
Owner—Spencer Mactul, Napa, Cal.
Architect—None.
Contractor—Henry Woebold, 2115 Center St., Berkeley. \$4000

APARTMENTS
(5564) ARCH STREET, Berkeley. Apartments.
Owner—Gus Smith.
Architect—None.
Contractor—C. C. Lewis, 2239 Cedar St., Berkeley. \$12,000

INCINERATOR
(5565) FOOT OF KIRKHAM STREET, Oakland. Brick incinerator.
Owner—Southern Pacific Co., 56 Market St. S. F.
Architect—None.
Contractor—Rees Blow Pipe Co., 340 7th St. San Francisco. \$5000

STORES
(5566) 318 40TH STREET, OAKLAND. One-story brick store.
Owner—Arthur A. Thompson, 3850 Broadway, Oakland.
Architect—None.
Contractor—E. S. Thompson & Son, 3650 Broadway, Oakland. \$1800

DWELLING & GARAGE
(5567) 1257 6TH AVE., OAKLAND. One-story 5-room dwelling and garage.
Owner—D. R. Madieros, 2152 East 19th St., Oakland.
Architect—None.
Contractor—A. E. Correia, 3121 East 27th St., Oakland. \$3150

DWELLINGS & GARAGES (2)
(5568) 2408 & 2414 19TH AVENUE, Oakland. Two 1-story 5-room dwellings and garages.
Owner—W. H. McIntire Co., 1528 Franklin St., Oakland.
Architect—None. \$3750 ea.

SCHOOLS (2)
(5569) NW COR. E-16TH STREET & 23rd Ave., Oakland. Two 1-sto. schools.
Owner—City of Oakland.
Architect—John R. Faulkes, 923 E. 14th St., Oakland. \$1500 ea.

DWELLING & GARAGE
(5976) 3920 LAGUNA AVE., OAK-
land. One-story 6-room dwelling
and garage.
Owner—B. T. Matteson, 2629 Laguna
Ave., Oakland. \$3800
Architect—None.

DWELLING
(5971) 6459 BRANN ST., OAKLAND.
One-story 4-room dwelling.
Owner—J. H. Maccabee, Alameda, Cal.
Architect—None.
Contractor—John Tell, 2632 Parker Ave.,
Oakland. \$3000

DWELLING & GARAGE
(5972) 5407 ROBERTS AVE., OAK-
land. One-story 4-room dwelling
and garage.
Owner—Eugene Lisbon, 6037 Harwood
Ave., Oakland. \$2825
Architect—None.

DWELLING & GARAGE
(5973) 2901 84TH AVE., OAKLAND.
One-story 5-room dwelling and gar-
age.
Owner—C. T. Kelley, 5479 Wadean Pl.,
Oakland. \$3150
Architect—None.

DWELLING & GARAGE
(5974) E 6TH AVE. 110 N ARTHUR
ST., OAKLAND. One-story 6-room
dwelling and garage.
Owner—Jos. Flittner, 1700 35th Ave.,
Oakland. \$4300
Architect—None.

WAREHOUSE
(5975) PARR TERMINAL, OAKLAND.
One-story warehouse.
Owner—Western Sulphur Co., 801 Fife
Bldg., S. F.
Architect—None.
Contractor—Chas. A. Olsen, 4222 Car-
rington St., Oakland. \$2000

DWELLING
(5976) N RONADO AVE., 225 W
Monticello Ave., Oakland. One-
story 5-room dwelling.
Owner—Chas. R. Avis.
Architect—None.
Contractor—Fox Bros., 1926 University
Ave., Berkeley. \$4000

DWELLING
(5977) SW COR. 55TH & ADELIN
STs., OAKLAND. One-story 5-room
dwelling.
Owner—Cott Investment Co., 306 14th
St., Oakland. \$3800
Architect—None.

SERVICE STATION
(5978) E W. COR. PERRY ST. AND
Grand Ave., Oakland. One-story
steel service station.
Owner—Shell Co. of Calif., 209 Bush
St., San Francisco. \$1400
Architect—None.

DWELLINGS (7)
(5979) LOTS O. 27, 29, 253, 273, 275.
278 & 286 Merriewood Tract, Oak-
land. Seven 1-story 3-room dwlg.
Owner—Realty Syndicate Co., Syndi-
cate Bldg., Oakland. \$800 ea.
Architect—None.

FACTORY
(5980) NW COR. 39TH & MYRTLE
STs., OAKLAND. One-story brick &
steel factory.
Owner—National Electric Sign Co., 510
18th St., Oakland.
Architect—None.
Contractor—Austin Co. of California,
244 Kearny St., S. F. \$19,000

DWELLING
(5981) N APRICOT ST., 740 E 107TH
Ave., Oakland. One-story 4-room
dwelling.
Owner—E. B. & A. L. Stone, 804 Claus
Spreckels Bldg., S. F. \$3650
Architect—None.

DWELLINGS (3)
(5982) SE COR. 105TH AVE. & ROY-
al Ann St., W 105th Ave., 287-325
N Biggareau St., Oakland. Three
1-story 4-room dwellings.
Owner—E. B. & A. L. Stone, 804 Claus
Spreckels Bldg., S. F. \$2450 ea.
Architect—None.

DWELLINGS (6)
(5983) W 105TH AVE. 150, 153 & 215
Biggareau St., E 105th Ave., 69 S
Royal Ann Ave., S Royal Ann, 34
& 79 E 105th Ave., Oakland. Six
1-story 3-room dwellings.

Owner—E. B. & A. L. Stone, 804 Claus
Spreckels Bldg., S. F.
Architect—None. \$2900 ea.

BUILDING
(5984) LOT 47 MAP OF THE SANTA
Fe Tract No. 22, Oakland. Build-
ing.

Owner—Dante Del Vigna, 864 47th St.,
Oakland.
Architect—None.
Contractor—Angelo Icardi, 972 Allen
St., Oakland.
Filed Nov. 13, 1924. Dated Nov. 10, 1924.
When ready to start \$1125
1-1 cent of plaster 1125
Completed and accepted 1125
Total 35 days 1125

Bond, none. Sureties, none. Forfeit,
none. Limit, 90 working days after
Nov. 15, 1924. Plans and specifica-
tions, none.

DWELLING
(5985) 2563 BUENA VISTA, Berkeley.
Dwelling.

Owner—E. J. Fisher.
Architect—Maybeck & White, 35 Mont-
gomery St., S. F.
Contractor—Rowland & Rowland, 1800
Blake St., Berkeley. \$6750

DWELLING
(5986) 729 PERALTA, Berkeley.
Dwelling.

Owner—Mrs. A. Lewis, 725 Peralta,
Berkeley.
Architect—G. Patterson, 1545 Dwight
Way, Berkeley.
Contractor—H. W. Lewis, 725 Peralta
Berkeley. \$3000

DWELLING
(5987) 2949 PIEDMONT AVE., Berke-
ley. Dwelling.
Owner—Mrs. Minasianu, 2965 Magnolia
St., Berkeley.
Architect—Harold Paige, 5844 College
Ave., Oakland.
Contractor—Harold Paige, 5844 College
Ave., Oakland. \$7000

INCINERATOR
(5988) TENTH AND PARKER STS.,
Berkeley. Sawdust incinerator.
Owner—Berkeley Lumber & Mill Co.,
10th and Parker Sts., Berkeley.
Architect—Rees Blow Pipe Co., 340 7th
St., San Francisco.
Contractor—Rees Blow Pipe Co., 340
7th St., S. F. \$1500

DWELLING
(5989) 1522 CHANNING WAY, Berke-
ley. Dwelling.
Owner—M. Salo, 2405 McKinley Avenue
Berkeley.
Architect—Geo. O'Brien, Bacon Bldg.,
Oakland. \$6500

DWELLING
(5990) 723 THE ALAMEDA, Berkeley.
Dwelling.
Owner—Berkeley Bldg. Co., 2029 Shat-
tuck Ave., Berkeley.
Architect—None. \$5000

DWELLING
(5991) 1729 SONOMA AVE., Berkeley.
Dwelling.
Owner—Berkeley Bldg. Co., 2029 Shat-
tuck Ave., Berkeley.
Architect—None. \$4000

DWELLING
(5992) 1042 KIETH AVE., Berkeley.
Dwelling.
Owner—Florence Thornbaugh, 1042
Kieth Ave., Berkeley.
Architect—L. Williams,
Contractor—F. E. Sherwood, 937 Eve-
lyn Ave., Albany. \$6600

GARAGE
(5993) 2315 HASTE ST., Berkeley.
Private garages.
Owner—Addie Jungch, 2633 College
Ave., Berkeley.
Architect—D. L. Jungch, 2135 Center
St., Berkeley.
Contractor—John Thompson, 5831 Oc-
cidental, Oakland. \$5000

DWELLING
(5994) 1901 CHESTNUT ST., Berkeley.
Dwelling.
Owner—W. Sheppard, 85 Parkside Dr.,
Berkeley.
Architect—None. \$3000

STORES
(5995) 1923-25-27 UNIVERSITY AVE.,
Berkeley. Stores.
Owner—Chas. W. Knights.
Architect—Hutchison % Mills, 1214
Webster St., Oakland.
Contractor—Leslie Wilson, 3051 Ben-
venue, Berkeley. \$10,000

STORES
(5996) 1401-03-05-07 GROVE, BER-
keley. Stores.
Owner—F. E. Romie, 2655 Dwight Way,
Berkeley.
Architect—Hutchison & Mills, 1214
Webster St., Oakland.
Contractor—Leslie Wilson, 3051 Ben-
venue, Berkeley. \$10,000

DWELLING
(5997) 360 SAN LUIS RD., BERKE-
ley. Dwelling.
Owner—B. Pickard, 6660 Dana Street,
Oakland.
Architect—Miller & Warnecke, Alame-
da Insurance Bldg., Oakland.
Contractor—H. Sattin, 2032 University
Ave., Berkeley. \$11,000

DWELLING & GARAGE
(5998) 2914 MILLSBRAE ST., OAK-
land. One-story 6-room dwelling
and garage.
Owner—C. W. Glantz, 4122 East 14th
St., Oakland.
Architect—None. \$4150

DWELLING
(5999) 1461 82ND AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Robert Farrer, 947 71st Ave.,
Oakland.
Architect—None. \$2500

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

254 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets..... \$93,198,226.96
Capital, Reserve and Contingent Funds..... 3,900,000.00
Employees' Pension Fund..... 446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(6000) 3127 MAGNOLIA ST. OAK-
land. One-story 3-room dwelling.
Owner—Lawis & Annie Eddy, 3427
Magnolia St., Oakland.
Architect—None.
Contractor—D. Birmingham, 1910 Ward
St., Berkeley. \$2000

DWELLING
(6001) 8 ALMA AVE. 50 E CHATHAM
Road, Oakland. Two-story 6-rm.
dwelling.
Owner—S. M. Taylor.
Architect—None.
Contractor—Jensen & Pedersen, 3443
Adeline St., Oakland. \$3800

ALTERATIONS
(6002) 1461 ALICE ST. OAKLAND.
Alterations.
Owner—J. W. Owen, 1461 Alice Street,
Oakland.
Architect—None. \$1500

DWELLING
(6003) 3025 GEORGIA ST. OAKLAND.
One-story 4-room dwelling.
Owner—W. W. Courtney, 3232 Georgia
St., Oakland.
Architect—None. \$2250

DWELLING
(6004) N WELD ST. 225 W 73RD AV.
Oakland. One-story 5-room dwlg.
Owner—D. T. La Paugh, 1661 68th
Ave., Oakland.
Architect—None. \$3000

DWELLING
(6005) 4839 WALNUT AVENUE, OAK-
land. Two-story 5-room dwlg.
Owner—Mrs. Kinnigunda Petersen,
Oakland.
Architect—None.
Contractor—A. Pedersborg, 1455 Excel-
sior Ave., Oakland. \$3950

DWELLING
(6006) 6302 FLORIO ST. OAKLAND.
One-story 6-room dwelling.
Owner—D. Gannaw, 6306 Florio Street,
Oakland.
Architect—None.
Contractor—J. Coward, 1930 East 27th
St., Oakland. \$5800

DWELLINGS (3)
(6007) N KINGSLEY AVE. 140, 270 &
1300 N Seminary Ave., Oakland. 3
1-story 4-room dwellings.
Owner—C. A. Kingsley, 5748 Walnut
Ave., Oakland.
Architect—None. \$2000 each

DWELLING & GARAGE
(6008) 4723 FLEMING AVE., OAK-
land. One-story 5-room dwelling
and garage.
Owner—J. Augustine, 7805 Fleming Av.,
Oakland.
Architect—None.
Contractor—Shields & Cerf, 2922 High
St., Oakland. \$4500

(6009) 230 GRAND AVE., OAKLAND.
Addition.
Owner—Dra. Adams & Streetman, Fed-
eral Bldg., Oakland.
Architect—None.
Contractor—F. W. Maurice, 505 East
22nd St., Oakland. \$4000

(6010) 2906 FILBERT ST., OAKLAND.
One-story 4-room dwelling.
Owner—J. Perata, 2903 Filbert Street,
Oakland.
Architect—None. \$2500

PLATFORM
(6011) NE COR. 7TH & FALCON STS.,
Oakland. Unloading platform.
Owner—Souther Warehouse Co., 2701
16th St., S. F.
Architect—Ashley & Evers, 58 Sutter
St., San Francisco. \$2000

DWELLING
(6012) 768 TRESTLE GREN ROAD,
Oakland. Two-story 6-room dwlg.
Owner—Mrs. Mabel Higgins, 523 28th
St., Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St.,
Oakland. \$5469

APARTMENTS & GARAGE
(6013) 518 40TH ST., OAKLAND. Two-
story 18-room apartments and gar-
age.
Owner—W. F. Dunnigan, 540 40th St.,
Oakland.
Architect—None.
Contractor—J. F. Lughrey, 705 31st St.,
Oakland. \$14,600

APARTMENTS
(6014) 925 EAST 11TH ST. OAK-
land. Two-story 11-room apt.s.
Owner—W. E. Madox, 106 Federal
Bldg., Oakland.
Architect—None.
Contractor—Elmer W. West, 4026
Brighton Ave., Oakland. \$10,000

DWELLING
(6015) S LARKSPUR RD., 200 W
1135th Rd., Oakland. Two-story
10-room dwelling.
Owner—Mrs. A. Lober, 2940 Tele-
graph Ave., Oakland.
Architect—None.
Contractor—McCarthy & Goodland,
2910 Telegraph Ave., Oakland. \$11,000

DWELLING
(6016) 144 LOTS 35 & 37 BLK. 2
Map Rock Ridge Place, Oakland.
General construction on 1-story
6-room frame dwelling.
Owner—Frank W. Uhlenkamp, 654 61st
St., Oakland.
Architect—Plans furnished by cont.
Contractor—J. Lehman, 859 Apgar St.,
Oakland.
Filed Nov. 14, 1924. Dated Aug. 18, 1924.
When frame is up \$1400
When plastered 1400
When complete 1400
Usual 35 days 1400
TOTAL COST, \$5600
Bond, none. Sureties, none. Forfeit,
\$2 per day. Limit, 90 working days
after Aug. 18, 1924. Plans and specifi-
cations filed.

DWELLING
(6017) 1715 EOLA AVENUE, Berkeley
Dwelling.
Owner—G. R. Blasingame, 1529 Fran-
cisco St., Berkeley.
Architect—None. \$3000

FIRE HOUSE
(6018) SPRUCE & ARCH ST., Berke-
ley. Fire house.
Owner—City of Berkeley, Berkeley.
Architect—James Plachek, Berkeley.
Contractor—Heath & Wendt, 516 Ameri-
can Bank Bldg., Oakland. \$11,091

RESIDENCE
(6019) 1523 ADA ST., Berkeley.
Residence.
Owner—J. Hubbard, 1337 California St.,
Berkeley.
Architect—None. \$3000

DWELLING
(6020) 841 SANTA BARBARA AVE.,
Berkeley. Dwelling.
Owner—F. Rloe, 745 Victoria Court,
Oakland.
Architect—J. B. Wren, 2546 34th Ave.,
Oakland.
Contractor—J. B. Wren, 2546 34th Ave.,
Oakland. \$3700

STORE BLDG.
(6021) 1949 GRANT ST., Berkeley.
Store building.
Owner—H. H. Scott.
Architect—None.
Contractor—W. S. Cooper, 1929 Berke-
ley Way, Berkeley. \$3500

WAREHOUSE
(6022) 2911 ADELINE ST., Berkeley.
Warehouse, cement.
Owner—D. C. Nelson, 3235 Adeline St.,
Berkeley.
Architect—A. T. Beckett, 2447 Woolsey
St., Berkeley.
Contractor—Beckett & Wright, 3247
Woolsey St., Berkeley. \$2500

DWELLING
(6023) 2204 GRANT ST., Berkeley.
Owner—Hinds Bros., 3118 King St., Ber-
keley.
Architect—None.
Contractor—Hinds Bros., 3118 King St.,
Berkeley. \$3200

DWELLING
(6024) 87 SHASTA AVENUE, Berke-
ley. Dwelling.
Owner—Elizabeth Newstadt, 77 Shasta
Ave., Berkeley.
Architect—Dorethy Warner, 55 5th
Ave., San Francisco. \$10,000

DWELLING
(6025) 5807 ROBERTS AVE., Oakland
1-story 5-room dwelling.
Owner—A. A. Glantz, 737 Brookwood
Rd., Oakland.
Architect—None. \$3500

ADDITION
(6026) 2020 E-12th St., Oakland. Addi-
tion.
Owner—Toolless Boiler Welding and
Machine Wks., 2020 E-12th St., Oak-
land.
Architect—None. \$2500

DWELLINGS
(6027) 3021 3027 MILLSBRAE, Oakland
2 1-story 5-room dwellings and ga-
rages.
Owner—W. A. Croll, 1921 69th Ave.,
Oakland.
Architect—None. \$4250 each

ALTERATIONS ETC
(6028) 1230 THIRTY-SEVENTH AVE.,
Oakland. Alter and addition.
Owner—R. Trimlett, 1230 37th Ave.,
Oakland.
Architect—None. \$2900

DWELLING
(6029) W EIGHTY-THIRD AVE. 240 N
Beck St., Oakland. 1-story 3-room
dwelling.
Owner—V. R. Smith, 2249 83rd Ave.,
Oakland.
Architect—None.
Contractor—J. R. Erbrick, 187 10th St.,
Oakland. \$2200

DWELLING
(6030) NE COR. FIFTY-NINTH AVE.
and Brann St., Oakland. 1-story 6-
room dwelling and garage.
Owner—G. W. Gerneich, 692 Walla
Vista Ave., Oakland.
Architect—None. \$5000

DWELLINGS
(6031) 700 704 SANTA RAY AVE., Oak-
land. 2 1-story 5-room dwellings.
Owner—W. J. Baker, 2255 Ransome
Ave., Oakland.
Architect—None. \$4500 each

DWELLINGS
(6032) 184 80 FORTY-FOURTH ST.,
Oakland. 2 1-story 3-room dwlg.
Owner—Thos. Rutherford, 1031 Alleen
St., Oakland.
Architect—A. W. Smith, American Bk.
Bldg., Oakland. \$2200 each

DWELLING
(6033) 1483 SIXTY-SIXTH AVE., Oak-
land. 1-story 6-room dwelling and
garage.
Owner—Jas. Flittner, 1700 35th Ave.,
Oakland.
Architect—None. \$4800

DWELLING
(6034) E TWENTY-SEVENTH AVE.
40 N E-23rd St., Oakland. 1-story
5-room dwelling.
Owner—Alice Lahr, 534 Wesley Ave.,
Oakland.
Architect—None.
Contractor—Wm. Lahr, 534 Wesley Ave
Oakland. \$3000

GARAGE
(6035) E WEBSTER ST. 275 S 24th St.
Oakland. 1-story tile garage.
Owner—Melvin E. Campbell, Tribune
Tower, Oakland.
Architect—Wycke, Blaine & Olson, 1800
Telegraph Ave., Oakland.
Contractor—Chas. W. Heyer, Mills
Bldg., S. F. \$10,000

(6036) TENTH AND OAK STS., Oak-
land. Installation of reinforced
steel for 2-story class C bldg.
Owner—John W. Barrett.
Architect—Edward T. Foulkes 357 12th
St., Oakland.
Contractor—William E. McGrath Co.
Filed Nov. 15, 1924. Dated Nov. 15, 1924.
Each month 75%
Usual 35 days 25%
TOTAL COST, \$948
Bond, Forfeit, Limit, Plans and specifi-
cations, none.

GARAGE
(6037) 2395 GARBER ST., Berkeley.
Garage.
Owner—F. Beck, Hillegass & Stuart
Sts., Berkeley.
Architect—None.
Contractor—W. Goericke, 55 New
Montgomery St., S. F. \$1000

DWELLING
(6038) 1559 ARCH ST., Berkeley. 1-
story frame dwelling.
Owner—F. D. Lane, 244 Alvarado,
Berkeley.
Plans by Owner. \$4850

Dwelling

(6039) 6915 FRESNO ST. OAKLAND
One-story 4-room dwelling.
Owner—A. Eagle, 1411 Crosby Avenue,
Oakland.

Architect—None.
Contractor—G. W. Steffens, 1941 Cross-
by Ave., Oakland. \$2500

Flats & Garage

(6040) 3626 RICHMOND BLVD. OAK-
LAND. Two-story 8-room flats and
garage.
Owner—Regina Berg, 25 Westall Ave.,
Oakland.

Architect—None.
Contractor—S. G. Johnson, 4652 Dolores
St., Oakland. \$6300

Dwelling

(6041) 2342 22ND AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Gustave Buysse, 2361 East 29th
St., Oakland.
Architect—None. \$4000

Dwelling

(6042) 1200 SEMINARY AVE., OAK-
LAND. One-story 4-room dwelling.
Owner—J. J. Loomis, 1200 Seminary
Ave., Oakland.
Architect—None. \$2500

Dwelling & Garage

(6044) 2507 61ST AVE., OAKLAND.
One-story 5-room dwelling and gar-
age.
Owner—Geo. H. Drysdale, 2321 38th Ave.,
Oakland.
Architect—None. \$3150

Dwelling

(6045) 3045 5TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—A. D. Pope, 3369 Curran Ave.,
Oakland.
Architect—None.
Contractor—D. M. Thompson, 328 Port-
land Ave., Oakland. \$3500

Dwelling & Garage

(4046) 7435 HALLIDAY AVE., OAK-
LAND. One-story 4-room dwelling
and garage.
Owner—Fred Baumann, 2000 45th Ave.,
Oakland.
Architect—None. \$2950

Factory

(6047) N 3RD ST. 15 E CLAY ST.,
Oakland. One-story brick factory.
Owner—Hyman Davis, 482 Cheney St.,
Oakland.
Architect—None.
Contractor—Edward Langtry, 177 8th
St., Oakland. \$12,000

Stores & Shop

(6048) S 10TH ST. 75 W OAK ST.,
Oakland. Two-story stores and
shop.
Owner—J. W. Barrett, 1301 Leaven-
worth St., S. F.
Architect—E. T. Foulkes, 351 12th St.,
Oakland. \$20,000

Apt. House

(6049) LOT 12 BLK. 1 MAP WALK-
ERS Subdivision or por. of blk. 1,
Spaulding Tract, Berkeley. Gen-
eral construction on 2-story frame
apartment house.
Owner—Vinicio and Mary Turture, 1632
Bancroft Way, Berkeley.

Architect—Ernest W. Estey.
Contractor—G. F. Estey & Son, 1815
Hearst Ave., Berkeley.
Filed Nov. 17, 1924. Dated Nov. 15, 1924.
When frame is up \$124
When completed 1924
Usual 35 days 1924
TOTAL COST \$7698

Bond, none. Sureties, none. Forfeit,
none. Limit, 100 working days from
date of contract. Plans and specifica-
tions filed.

Cleaning & Painting

(6050) 16TH ST. STATION SHELL-
mound Station, 18th St. line and
7th St. line. Cleaning and painting
steel electric trolley line.
Owner—Southern Pacific Co., 65 Mar-
ket St., S. F.
Architect—None.
Contractor—Moran Paint & Oil Co.,
2360 3rd St., S. F.

Filed Nov. 17, 1924. Dated Oct. 28, 1924.
\$1.90 for each side pole.
3.25 for each center pole.
TOTAL COST, \$——

Bond, \$1265. Sureties, New Amsterdam
Casualty Co. Forfeit, none. Limit, 40
days from date of contract. Plans and
specifications filed.

Dwelling

(6051) 2271 VIRGINIA ST., BERKE-
LEY. Two-story 7-room dwelling.
Owner—W. Heurmann, 2471 Fulton
St., Berkeley.
Architect—None.
Contractor—C. Scammon, 207 Univer-
sity Ave., Berkeley. \$6000

Dwelling

(6052) 95 SHASTA RD., BERKELEY.
Two-story 6-room dwelling.
Owner—J. Hillier, 1732 Highland Pl.,
Berkeley.
Architect—F. Reimers.
Contractor—F. V. Short, 1338 Euclid
Ave., Berkeley. \$6000

Dwelling

(6053) 1726 FRANCISCO ST., BER-
keley. One-story 5-room dwlg.
Owner—D. Blithrood, 1451 Henry St.,
Berkeley.
Architect—None. \$3250

Dwelling

(6054) 1839 AILEEN ST. OAKLAND.
One-story 5-room dwelling.
Owner—E. L. Thompson, Hotel Royal,
Oakland.
Architect—None. \$3000

Dwelling

(6055) 389 JAYNE AVE., Oakland. 1-
story 5-room dwelling.
Owner—Geo. Hill, 32 Rio Vista Ave.,
Oakland.
Architect—None.
Contractor—A. B. Hughes, 902 Wash-
ington St., Oakland. \$5000

Flats

(6056) W MARKET ST 70 S 36TH ST.,
Oakland. Two-story 10-room flats.
Owner—E. B. Gray, 223 Blake Bldg.,
Oakland.
Architect—None. \$7000

(6057) E CROFTON AVE., 250 S BLVD
Way, Oakland. One-story 5-room
dwelling.
Owner—W. L. Wishart, 1404 Franklin
St., Oakland.
Architect—None.
Contractor—Leo J. Dolan, 1404 Frank-
lin St., Oakland. \$3990

(6058) 2641 26TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Jos. T. Hinch, 407 Federal
Bldg., Oakland.
Architect—None. \$3000

Dwelling & Garage

(6059) W LAGUNA AVE., 268 N HOP-
kins St., Oakland. One-story 5-
room dwelling and garage.
Owner—W. A. Rehn, 2141 10th Ave.,
Oakland.
Architect—None. \$3650

Dwelling

(6060) E JEAN ST., 40 S SANTA ROSA
Ave., Oakland. One-story 6-room
dwelling.
Owner—Annie C. Petersen, 1200 East
24th St., Oakland.
Architect—None.
Contractor—Chas. Petersen, 1200 East
24th St., Oakland. \$4000

Dwelling

(6061) W HOLMAN RD., 100 S BATES
Road, Oakland. One-story 5-room
dwelling.
Owner—A. R. Draper, San Francisco.
Architect—None.
Contractor—A. C. Wieben, 339 Rose-
mont Rd., Oakland. \$5000

Stores

(6062) E TELEGRAPH AVE., 350 N
45th St., Oakland. One-story brick
and tile stores.
Owner—C. G. Hoffman, 2063 Broadway,
Oakland.
Architect—R. C. Schuppert, 3757 Broad-
way, Oakland.
Contractor—Dile Construction Co.,
3757 Broadway, Oakland. \$5300

Dwelling & Garage

(6063) 1912 48TH AVE., OAKLAND.
One-story 4-room dwelling and gar-
age.
Owner—E. H. Gary, 1093 68th Avenue,
Oakland.
Architect—None. \$2585

Factory

(6064) NE COR. SHASTA & KEN-
nedy Sts., Oakland. Two-story
brick factory.
Owner—Barrows Pringle Co., Kennedy
& Shasta Sts., Oakland.
Architect—None.
Contractor—American Co. of Calif., 244
Kearny St., S. F. \$27,000

Dwellings (12)

(6065) S KINGSLEY PL. 230 & 310
W Seminary Ave., S Kingsley Pl.
160, 190, 225 and 260 W Seminary
Ave., N Kingsley Pl. 325 and 363 W
Seminary Ave., N Kingsley Pl. 160,
193 and 200 W Seminary Avenue
Oakland. Twelve 1-story 4-room
dwellings.
Owner—C. A. Kingsley, 5748 Walnut
Ave., Oakland.
Architect—None. \$2000 ea.

Dwellings (2)

(6066) S KINGSLEY PL. 340 & 370
W Seminary Ave., Oakland. Two
1-story 5-room dwellings.
Owner—C. A. Kingsley, 5748 Walnut
Ave., Oakland.
Architect—None. \$2500 ea.

Residence & Garage

(6067) LOT 7 BLK 7 HOTEL CLARE-
mont Tract Map No. 2 Alvarado
Road, Oakland. General construction
on frame residence and gar-
age.
Owner—Mrs. Gray Kleinschmidt, Oak-
land.
Architect—McCall & Davis, 1404 Frank-
lin St., Oakland.
Contractor—H. C. Andresen, 1239
Pearl St., Alameda.
Filed Nov. 17, 1924. Dated Nov. 17, 1924.
75% of value of work in place on
the 1st and 15th of each month
until 70% of contract has been
paid.
5% when completed.
25% 35 days after completion.
TOTAL COST \$14,145.21
Bond, \$7100. Sureties, Martin And-
ersen & Magnus Jensen. Forfeit, none.
Limit, 120 working days from filing of
contract. Plans and specification
filed.

Store

(6068) NE COR. FORTY-SEVENTH
and Grove Sts., Oakland. General
construction 1-story store bldg.
Owner—A. Kalman and Clayton H.
Bush, 128 E-14th St., Oakland.
Architect and Contractor—A. Ortow
West St., Oakland.
Filed Nov. 17, 1924. Dated Nov. 17, 1924.
When contract is filed \$124
When foundation is in 124
When brick work is scaffold
high 150
When roof is on 200
When completed 280
Usual 35 days 130
TOTAL COST \$1,150

Bond, \$5750. Sureties, United State
Fidelity and Guaranty Co. Forfeit
\$5.00 per day. Limit, 70 working day
from date. Plans and specification
filed.

Dwellings

(6069) NO. 1322 AND 1326 ORDWAY
Berkeley. Two one-story 3-room
dwellings.
Owner—W. Nelson, 1320 Ordway St.
Berkeley.
Architect—None. \$1000 each

Dwelling

(6070) NO. 1820 SAN JUAN, Berkeley.
Two-story 6-room dwelling.
Owner—Anna Clark, 2708 Stuart St.
Berkeley.
Architect—None.
Contractor—C. M. Norgrove, 222
Roosevelt Ave., Berkeley. \$650

Dwelling

(6071) NO. 465 BOYNTON ST., Ber-
keley. Two-story 8-room dwelling.
Owner—Anna Beck, Grant St., Berkeley.
Architect—None.
Contractor—Arthur Potter, 4025 Agra-
Vista St., Oakland. \$5700

Dwelling

(6072) NO. 695 SPRUCE ST., Ber-
keley. Two-story 7-room dwelling.
Owner—H. Dubnoff, 2479 Shattuck Ave.,
Berkeley.
Architect—R. L. De Laffe, 2715 9th Ave.,
Oakland. \$5000

DWELLING
(6073) 1532 GROVE ST. Berkeley.
One-story 5-room dwelling.
Owner—J. H. H. Smith, 800 The Alameda, Berkeley.
Architect—None. \$2500

DWELLINGS
(6074) SW COR. TEXAS AND CURTIS STS. 10, 80, and 100 W. 100 ft. front. 1-story 4-room dwellings.
Owner—Herbert C. Cameron, 5619 Dorr, Oakland.
Architect—None. Each \$5000

DWELLINGS
(6075) 1400 AND 1457 MERRILL, Oakland. Two 1-story 4-room dwigs.
Owner—J. Williams, 100 First National Bank Bldg., Oakland.
Architect—None. Each, \$2000

DWELLING
(6086) 1441 SIXTY-FIFTH AVE., Oakland. 1-story 3-room dwelling.
Owner—J. Sawyer, 141 65th Ave., Oakland.
Architect—None.
Contractor—L. J. Norris, 3211 Brown, Oakland. \$2000

DWELLING
(6072) E EASTMAN 35 N Allendale, Oakland. 1-story 5-room dwelling.
Owner—M. J. Thompson, 319 Fairmont, Oakland.
Architect—None.
Contractor—O. L. Burnett, 427 63rd St., Oakland. \$2500

DWELLING
(6078) S E-TWENTY-EIGHTH, 85 E 4th Ave., Oakland. 1-story 5-room dwelling.
Owner—Albert A. Anderson, 1142 Bay View, Oakland.
Architect—None. \$3600

DWELLING
(6079) E BROOKSIDE 1000 N Contra Costa, Oakland. 1-story 5-room dwelling.
Owner—C. P. M'rang, 5659 Ocean View, Oakland.
Architect—None. \$6000

ADDITION
(6080) 2311 MAGNOLIA, Oakland. Addition.
Owner—F. Delmas, Oakland.
Architect—None. \$1000

ALTERATIONS
(6081) 2847 ADELIN, Oakland. Alterations and addition.
Owner—E. Venturino.
Architect—None.
Contractor—R. Geddes, Bldrs. Exchange, Oakland. \$1500

ALTERATIONS
(6082) 1332 103RD AVE., Oakland. Alterations and addition.
Owner—C. Brown, 1932 103rd Ave., Oakland.
Architect—None.
Contractor—E. C. Kelso, 2218 Haste, Berkeley. \$1000

DWELLING
(6083) 1 CHABOLYN TERRACE, 280 N Chabot Rd., Oakland. 1-story 6-room dwelling.
Owner—E. E. Carpenter, 5520 College, Oakland.
Architect—Dixon & Hillen. \$4200

DWELLINGS
(6084) W EIGHTY-THIRD AVE. 40, 60, 80, 100, and 115 N Dowling, Oakland. Five 1-story 4-room dwigs.
Owner—P. A. Newby, 2263 Auseon, Oakland.
Architect—None. Each, \$2500

DWELLING
(6085) NE COR. DOWLING & 33RD AVE., Oakland. One-story 4-room dwelling.
Owner—P. A. Newby, 2263 Auseon, Oakland.
Architect—None. \$2500

APARTMENTS
(6086) NW COR. E-34TH AVE. & 13th Ave., Oakland. Two-story 12-room apartments.
Owner—C. M. Bradhoft, 1636 Franklin, Oakland.
Architect—None.
Contractor—Calif. Bldrs., 1636 Franklin, Oakland. \$12,000

STORE
W W BROADWAY 150 N 4TH ST., Oakland. One-story store.
Owner—A. S. Harvey, 178 Grand, Oakland.
Architect—None.
Contractor—L. L. Severns, 178 Grand, Oakland. \$10,000

STORES
NE COR. 17TH & GROVE STREETS, Oakland. One-story brick stores.
Owner—A. Kaldwin & A. Bush, 1310 Broadway, Oakland.
Architect—None.
Contractor—A. Grissow, 3929 West, Oakland. \$11,500

NOTE—Recorded contract reported Nov. 18, 1924, No. 6068.

APARTMENTS
NO. 2245 SPAULDING ST., Berkeley. Two-story 12-room apartments.
Owner—N. Thompson, 1002 Bancroft Way, Berkeley.
Architect—None.
Contractor—G. Estey, 1815 Hearst Ave., Berkeley. \$7696

NOTE—Recorded contract reported Nov. 18, 1924, No. 6049.

BRICK BLDG.
(6088) LOTS G AND H, BLK. 44, T. A. Smith's Resubdivision of the Map of part of Minura Tract. General construction 1-story brick and tile building.
Owner—Jos. T. Cavanaugh, 340 11th St., S. F.
Plans by Contractor, Julia Glom, Contractor—M. H. Fish, 1333 Fountain, Alameda.
Filed Nov. 19, 1924. Dated Nov. 19, 1924.

When roof is up 25%
When completed 25%
Usual 35 days 25%
TOTAL COST, \$3000
Bond, sureties, none. Forfeit, \$10.00 per day. Limit, 60 working days from date. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded
Nov. 13, 1924 — LOT 78 BROADWAY TERRACE, Oakland. John A. McNulty Bros. Nov. 12, 1924
Nov. 13, 1924 — LOT 101 BROADWAY TERRACE, Oakland. John A. McNulty by McNulty Bros. Nov. 12, 1924
Nov. 13, 1924 — 2928B AND 2928C FRUITVALE AVE., Oakland. Harry Meyer to whom it may concern. Nov. 12, 1924
Nov. 13, 1924 — 1815 MONTANA ST., Oakland. A. B. Anderson to H. Glynn Nov. 7, 1924
Nov. 13, 1924 — LOT 3, BLK. 6, MAP OF BROOKLYN TRACT, Berkeley. J. L. Rankin to L. T. Bremer Nov. 10, 1924
Nov. 12, 1924 — POR. LOTS 4 AND 5, BLK. 5, Lakeshore Highlands Subdivision, Oakland. Joseph Lawrence to Heath & Wendt. Oct. 4, 1924
Nov. 12, 1924 — LOT 20 AND 21, BLK. 302, City of Oakland. Mrs. Annie May to J. J. Ewer. Nov. 12, 1924
Nov. 12, 1924 — POR. BLK. 90, HIGLEYS MAP OF CLINTON, Oakland. Louise Canelis to G. Downie and W. H. Grandmer. Nov. 1924
Nov. 12, 1924 — LOT 201, CRICKER HIGHLANDS OAKLAND TWP., Oakland. C. H. and Henriette Nor to S. G. Johnson Nov. 10, 1924
Nov. 12, 1924 — LOTS 6 AND 7, School House Tract, Berkeley. M. Guarneri to whom it may concern. Nov. 12, 1924
Nov. 12, 1924 — LOT 8, BLK. F, Waterside Terrace, Alameda. R. P. Bolger to whom it may concern. Nov. 10, 1924
Nov. 12, 1924 — LOT 2, BLK. C, MAP OF ROSEMONT, Brooklyn Twp. Peter and George Valtakis to John L. Alfieri Nov. 6, 1924
Nov. 12, 1924 — 1539 SCENIC AVE., Berkeley. F. H. Avery to Fred F. Ingram Nov. 1924
Nov. 12, 1924 — LOT 7, BLOCK 2, Amended Map of Thousand Oaks, Berkeley. R. W. Osborn to E. L. Atkinson Nov. 7, 1924
Nov. 12, 1924 — MAP OF LAKESHORE OF THE CAMERON TRACT, Oakland. L. C. Fish to whom it may concern. Nov. 3, 1924

Accepted
Nov. 14, 1924 — BEG. AT A PT. ON NW 1/4 LINE OF RUTAVILLE AVE. dist. 45' N from NE line of E-12th st. thence NE 17.84 ft. NW 40.89 ft. W 55' to the most NE cor. of the land owned by the Union Carpenters Hall Assn. thence S 1/2 sec. E line of said last mentioned land SE 100 to pt. of beg. Joseph Meyer to Geo. H. Lydikesen. Nov. 20, 1924
Nov. 14, 1924 — LOT 1, BLK. 17, Northbrae, Albany. Anna F. Swanney to M. P. Rose Nov. 5, 1924
Nov. 14, 1924 — NW COR. OF DURANT and Telegraph Aves., Berkeley. Wells Fargo Bank and Union Tr. Co. agent for Mary E. Holton, to Harry E. Smith. Sept. 17, 1924
Nov. 14, 1924 — ON 26TH AVE. 75 FT. N the 37 1/2 ft. from 27th St., Oakland. L. Glaiberman to F. Swannerson Nov. 12, 1924
Nov. 14, 1924 — POR. LOT 5, BLK. 6, Map State University Homestead Assn. No. 10, 11, 12, 13, 14, 15, to whom it may concern. Nov. 24
Nov. 14, 1924 — LOT 3 AND E 1/2 OF Lot 31, Map of the Santa Fe Tract, Brooklyn Twp. Claude T. Kelley and Edward W. Miller to whom it may concern. Not given
Nov. 14, 1924 — LOT 56, BLK. 10, Map Havenscourt, Oakland. Frank L. Silber to Paul Louis Kick. Nov. 1924
Nov. 14, 1924 — 1426 FRANKLIN ST., Oakland. East Bay Title Ins. Co., Inc. to A. Hillman. Nov. 10, 1924
Nov. 14, 1924 — 1117 1/2 ST., Oakland. V. V. Richardson to R. A. Smith. Nov. 14, 1924
Nov. 14, 1924 — N SIDE OF CHASE ST. bet. Willow and Campbell Sts., Oakland. Gregorio Sacconi to whom it may concern. Nov. 1924
Nov. 14, 1924 — 1st — LOTS 5 AND 6; 2nd — Por. of Lots 7, 8, 9 and 10; Broadway Villa Tract, Oakland. Rector, Wardens and Vestrymen of St. Peter's Parish, Oakland, to whom it may concern. Nov. 11, 1924
Nov. 14, 1924 — MAP OF LAKESHORE PARK Piedmont. John C. John to whom it may concern. Nov. 13, 1924

Nov. 12, 1924 — NE 20 FT. OF LOT 30 AND 31, 1/4 SEC. 16, T. 12 N., R. 12 E., Key Route Acres, Oakland. Thomas F. and Cynthia L. Gallagher to L. Zwanig Nov. 1, 1924
Nov. 12, 1924 — POR. BLK. E, RE-vised Map of the Prospect Hill Tract, Brooklyn Twp. George F. Stoll to George F. Stoll. Nov. 10, 1924
Nov. 12, 1924 — POR. BLK. E, RE-vised Map of the Prospect Hill Tract, Brooklyn Twp. George F. Stoll to George F. Stoll. Nov. 10, 1924
Nov. 12, 1924 — 1524 SAN LORENZO AVE., Berkeley. C. H. Fox to Fox Bros. Nov. 10, 1924
Nov. 12, 1924 — 4546 WHITNEY ST., Oakland. Arthur D. Hughes to whom it may concern. Nov. 10, 1924
Nov. 12, 1924 — LOT 5 BLK. 20, Broadway Tract, Oakland. Fred A. Price to Wm. Wolfe Not given
Nov. 12, 1924 — COMPANY'S GAS Station B, on 1st St., Oakland. Pacific Gas & Electric Co. to Steel Tank and Pipe Co. Nov. 1, 1924
Nov. 12, 1924 — 2632 LINCOLN AVE., Alameda. D. A. Cohen to Julius J. Cohen. Nov. 1, 1924
Nov. 12, 1924 — 2634 LINCOLN AVE., Alameda. D. A. Cohen to Julius J. Cohen. Nov. 1, 1924
Nov. 10, 1924 — 59 BAY FARM ROAD, Alameda. E. E. and A. L. Stone to whom it may concern. Nov. 1924
Nov. 10, 1924 — 1000 1/2 ST., Berkeley. Mrs. Julia Glom to whom it may concern. Nov. 15, 1924
Nov. 15, 1924 — PORT. LOT 28 BLK. 3 Map showing the Property and Location of the Spaulding Tract, Berkeley. Mrs. Julia Glom to whom it may concern. Nov. 15, 1924
Nov. 15, 1924 — LOT 120 BLK. 31 Amended Map of Havenscourt, Oakland. Walter Lee to whom it may concern. Nov. 15, 1924
Nov. 15, 1924 — LOTS 2 & 4 & 6 BLK. 4 Oakland Highlands, Oakland. Herbert C. Cameron to whom it may concern. Nov. 1, 1924
Nov. 15, 1924 — SW COR. SAN ANTONIO AVE. and Park St., Alameda. Lester R. Dray and Dorothea C. Dray to P. A. Muller. Nov. 8, 1924
Nov. 15, 1924 — PORT. LOT 1 BLK. 1 Oakland. Alvin R. Thomas to Brown and Westall. Nov. 14, 1924
Nov. 15, 1924 — LOT 20 BLK. 2 MAP OF Key Route Terrace No. 2, Oak Twp. Jessie Chadwick to whom it may concern. Nov. 1924
Nov. 14, 1924 — BEG. AT A PT. ON NW 1/4 LINE OF RUTAVILLE AVE. dist. 45' N from NE line of E-12th st. thence NE 17.84 ft. NW 40.89 ft. W 55' to the most NE cor. of the land owned by the Union Carpenters Hall Assn. thence S 1/2 sec. E line of said last mentioned land SE 100 to pt. of beg. Joseph Meyer to Geo. H. Lydikesen. Nov. 20, 1924
Nov. 14, 1924 — LOT 1, BLK. 17, Northbrae, Albany. Anna F. Swanney to M. P. Rose Nov. 5, 1924
Nov. 14, 1924 — NW COR. OF DURANT and Telegraph Aves., Berkeley. Wells Fargo Bank and Union Tr. Co. agent for Mary E. Holton, to Harry E. Smith. Sept. 17, 1924
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Nov. 14, 1924 — LOT 3 AND E 1/2 OF Lot 31, Map of the Santa Fe Tract, Brooklyn Twp. Claude T. Kelley and Edward W. Miller to whom it may concern. Not given
Nov. 14, 1924 — LOT 56, BLK. 10, Map Havenscourt, Oakland. Frank L. Silber to Paul Louis Kick. Nov. 1924
Nov. 14, 1924 — 1426 FRANKLIN ST., Oakland. East Bay Title Ins. Co., Inc. to A. Hillman. Nov. 10, 1924
Nov. 14, 1924 — 1117 1/2 ST., Oakland. V. V. Richardson to R. A. Smith. Nov. 14, 1924
Nov. 14, 1924 — N SIDE OF CHASE ST. bet. Willow and Campbell Sts., Oakland. Gregorio Sacconi to whom it may concern. Nov. 1924
Nov. 14, 1924 — 1st — LOTS 5 AND 6; 2nd — Por. of Lots 7, 8, 9 and 10; Broadway Villa Tract, Oakland. Rector, Wardens and Vestrymen of St. Peter's Parish, Oakland, to whom it may concern. Nov. 11, 1924
Nov. 14, 1924 — MAP OF LAKESHORE PARK Piedmont. John C. John to whom it may concern. Nov. 13, 1924

Nov. 13, 1924—7704 AND 7706 FOOT-
hill Blvd., Oakland. Alice A. Wal-
lace to Adams & Tenbrooke....
Nov. 17, 1924—BEG. AT A. P. T. ON
NE line of Foothill Blvd. here-
afteron SE 636.75 ft. from the in-
tersection thereof with the NW
line of that certain parcel of land
containing 132.73 acres described in
deed from Franklyn McGee and wife
to Chas. Moss, recorded in lib. L
of deeds, page 466 Alameda County
Records, thence NE 415 ft. to pt.
of commencement of land here-
after described thence NW 50, SW
205.72 ft. SW 74.23 ft. SE 12.88 ft.
to pt. of beginning. J. Nielsen to
J. J. Nichols.....Nov. 14, 1924
Nov. 17, 1924—NE 16% FT. OF LOT 17,
19 and SW 16% of Lot 17, Blk.
13, Fitchburg Homestead Lots,
Oakland. Fred Buzzell to whom it
may concern.....Nov. 12, 1924
Nov. 17, 1924—New Map of Eastern Port
of Lynn Homestead, Oakland. P. J.
Doran to whom it may concern.....
Nov. 14, 1924
Nov. 17, 1924—ALAMEDA COUNTY CLARA
Ave., Alameda. Charles Klambt to
Howard Willford.....Nov. 17, 1924
Nov. 17, 1924—1430 FOUNTAIN ST.,
Alameda. Charles Klambt to How-
ard Willford.....Nov. 17, 1924
Nov. 17, 1924—POR. LOT 1, MAP OF
a portion of the Liese Tract,
Brooklyn Twp. Jessie H. Mueller
to Jos. Filiziter.....Nov. 17, 1924
Nov. 17, 1924—626-28-30-32 E-15TH
St., Oakland. A. G. Scolari to Calif.
Builders Co.....Nov. 17, 1924
Nov. 18, 1924—2469 65TH AVE., Oak-
land. George H. Drysdale to whom
it may concern.....Nov. 14, 1924
Nov. 18, 1924—881 TRENTLE GLEN
RD., Oakland. James G. Rourke to
whom it may concern.....Nov. 18, 1924
Nov. 18, 1924—NEW COB. ALAMEDA
and Monterey Aves., Berkeley. M.
Gertrude Haunschild, alias Medora
Gertrude Haunschild to whom it
may concern.....Nov. 12, 1924
Nov. 18, 1924—3035 NICOL AVENUE,
Oakland. Eugene C. Elwood to
Calif. Builders Co.....Nov. 17, 1924
Nov. 18, 1924—LOT 10, BLK. G, Map
Grand Ave. Heights (By the Parks)
Oakland. Katherine Houck to
whom it may concern.....Nov. 17, 1924
Nov. 18, 1924—SE COR. E-24TH ST.
and 14th Ave., Oakland. Anabelle
Siemens to whom it may concern.....
Nov. 17, 1924
Nov. 18, 1924—LOT 44, THE HAR-
rington Seminary Ave. Tract,
Brooklyn Twp. James C. Barrett
to whom it may concern.....Nov. 17, '24
Nov. 18, 1924—LOT 45, THE HAR-
rington Seminary Ave. Tract,
Brooklyn Twp. James C. Barrett
to whom it may concern.....Nov. 17, '24
Nov. 18, 1924—1610 LINCOLN AVE.,
Alameda. Donald R. Fraser to F.
W. Dingin Jr.....Nov. 17, 1924
Nov. 18, 1924—LOTS 1, 2 AND POR. 3
Blk. 1, Berkeley Square, Berkeley.
Paul and Alice Arnold Thelan to
Conner & Conner.....Nov. 6, 1924
Nov. 18, 1924—2722 E-17TH ST., Oak-
land. Helen E. Jones to whom it
may concern.....Nov. 15, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Nov. 13, 1924—72 GLEN AVE., Oak-
land. Tilden Lumber Co. vs. E. J.
Humphreys and Jane E. Hum-
phreys.....\$231.60
Nov. 13, 1924—LOT 10, BLK. 17,
Daley's Scenic Park, Berkeley. Hoff
Magnesite Co. vs. Clara P. Powell,
R. N. Hughes and S. P. Builders
Inc.....\$387.27
Nov. 12, 1924—LOT 8, BLK. 1, Map
of Tract A of the Berkeley Land
and Town Improvement Associa-
tion, Berkeley. Cadwallader-Gib-
son Co., Inc. vs. F. C. Koerber,
Henry C. Bischoff and Charles E.
Arthur.....\$1,000.00
Nov. 12, 1924—POR. LOT 13, BLK. 12
Map of Resub. of Blk. 12 of the
McGee Tract. J. E. and C. W. Lan-
non (Lannon Bros. Mfg. Co.) vs.
George F. Rose and Annabelle
Jones Rose.....\$226.35

Nov. 12, 1924—2576 14TH AVE., Oak-
land. B. H. Dreisbach (Bay Shore
Sash & Door Co.) vs. Mrs. M. Ed-
wards and Roy Conner.....\$107.15
Nov. 12, 1924—2582 14TH AVE., Oak-
land. B. H. Dreisbach (Bay Shore
Sash & Door Co. vs. Mrs. M. Ed-
wards and Roy Conner.....\$288.50
Nov. 17, 1924—COM. AT A. P. T. ON E
line of Short St. to 100 ft. of Ben-
dalle Ave., running thence S 34 ft.
E 100 ft. N 34 ft. W 100 ft. to pt.
of beginning, Oakland. Eureka Mill
and Lumber Co. vs. Clara W. Mor-
gan.....\$22.21
Nov. 17, 1924—LOT 49, BLK. 3, Crag-
mont, Berkeley. Sunset Lumber Co.
vs. L. H. Williams.....\$338.26
Nov. 15, 1924—LOTS 1, 2, 3, 4, 5, 6, 7,
Villa Tract, Oakland. Sunset Lum-
ber Co. vs. Elna Nielson, J. D. Hor-
ton.....\$175.04
Nov. 14, 1924—LOT 4, BLK. C, Oak-
land Highlands Tract, Oakland. E.
G. Braun vs. George H. Mill-
ward.....\$164.51
Nov. 18, 1924—LOT 4, BLK. C, Oak-
land Highlands Tract, Oakland. E.
R. Stewart vs. Geo. H. Millard.....\$274.73

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Nov. 14, 1924—LOT 6, BLK. 17,
Daley's Scenic Park, Berkeley. Lee
3 1/2 Acres to Pond Powell and San
Francisco Builders.....\$64.37
Nov. 14, 1924—LOT 6, BLK. 17,
Daley's Scenic Park. Victor De-
vight to San Francisco Builders.....\$280.00
Nov. 14, 1924—POR. LOT 6, MAP OF
Subdivision of Plot 12, Watson
Tract, Oakland. Tilden Lumber Co.
to Elna Matkalo and John E. Sur-
naborg.....\$602.31
Nov. 12, 1924—LOT 6, BLK. 17,
Daley's Scenic Park, Berkeley. A.
K. Goodmanson to Clara Pond
Powell and S. P. Builders.....\$96.25
Nov. 13, 1924—LOT 6, BLK. 17,
Daley's Scenic Park, Berkeley. Hoff
Magnesite Co. to Clara P. Powell,
S. F. Builders, Inc. and Perkins
& Hughes.....\$337.27

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE
NO. 33 ALVARADO ROW, Stanford
Grounds, Palo Alto. All work for
one-story frame residence and gar-
rage.
Owner—John C. Almack.
Architect—Andrew P. Hill Jr., 356 S.
12th St., San Jose.
Contractor—L. A. Bachelder.
Filed Nov. 12, '24. Dated Nov. 10, '24.
Payments to be made weekly on a
voucher supported by receipted bills
and covered by a certificate of the
architect.
TOTAL COST, \$8328
Bond, \$4164. Sureties, Jno. Duffield
and Paul M. P. Merner. Limit, 90 days
from Nov. 10, 1924. Forfeit, none.
Plans and specifications filed.

COTTAGE, 3-room, \$1000; No. 490 N.
17th St., San Jose; owner, F. P.
Hattabaugh. Premises.
RESIDENCE, 4-room, \$1100; Seymour
St., near Vendome, San Jose; owner,
Pimentell, 643 Anita.
RESIDENCE, 5-room, \$3500; Virginia
and Ninth Sts., San Jose; owner, G.
S. Carpenter, 1046 S-Seventh St.,
San Jose.
ALTERATIONS, \$1500; San Carlos St.
near Fourth St., San Jose; owner,
W. J. Bernhard, 221 S-Second St.,
San Jose; contractor, Frank Hoyt,
1043 Reed St., San Jose.
RESIDENCE, 4-room, \$2500; St. James
near 18th St., San Jose; owner, J.
T. McCart, 37 W-San Antonio St.,
San Jose.
ALTERATIONS, \$1000; No. 629 N-First
St., San Jose; owner, Jno. R. Chace,
Premises; contractor, R. O. Sum-
mers, 317 N-First St., San Jose.
ALTERATIONS, \$1500; No. 155 S-First
St., San Jose; owner, H. W. Stack-
pole. Premises; architect, F. G.
Munk, 58 Francis St., San Francisco
contractor, Fink & Schindler, 226
13th St., San Francisco.

INDUSTRIAL home, \$30,000; No. 573
Market St., San Jose; owner, The
Salvation Army, Premises; archi-
tect, R. F. Inwood; contractor, G. T.
Gaylor, in charge, 573 Market St.,
San Jose.
RESIDENCE, 4-room, \$1600; Alameda
St., near Willow, San Jose; owner,
S. Brumo, 200 Willow St., San Jose,
contractor, Jos. Dangelo, 777 E-
Julian St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Amount
Nov. 8, 1924—S ST. JAMES AND E-
17th St. on St. James 125.35 ft. by
45.95 ft. to beg., San Jose. August
D and Effie M. Sgarlato to J. B.
Rucker.....Nov. 1, 1924
Nov. 10, 1924—LOT 42, Marguerite
Tract on St. James to whom it may
concern.....Nov. 10, 1924
Nov. 10, 1924—LOT 32, BLK. 1, Bur-
rells Resubdivision, San Jose. Wm.
F. Rogue to whom it may concern.....
Nov. 10, 1924
Nov. 12, 1924—W THIRTEENTH ST.,
bet. San Carlos and San Antonio
Sts., San Jose. Arthur Crane to
whom it may concern.....Nov. 8, 1924
Nov. 12, 1924—NE BRYANT 75 ft. SE
Poe SE 37 1/2 x 130 Part Lot 2 Blk
17, Palo Alto. Emma L. and Law-
rence H. Cook to whom it may con-
cern.....Nov. 10, 1924
Nov. 14, 1924—LOT 10, BLK. 6, Rose
Lawn, Ptn Los Coches Rcho. Anna
Kingsbury to Harry F. Dowell.....
Nov. 1, 1924
Nov. 14, 1924—PTN BLK. 4, Whites
Addition, San Jose. F. O. Nelson to
whom it may concern.....Nov. 14, 1924
Nov. 14, 1924—PART LOT 10 AND 6
Blk. 1, Chapman Davis Tract,
San Jose. E. Gezeske to whom it
may concern.....Nov. 8, 1924
Nov. 14, 1924—LOT 2, BLK. 16, Es-
tates Map No. 2, Byron O. Clark
to whom it may concern.....Nov. 8, 1924
Nov. 15, 1924—LOT 64 Bender's Sub-
division, San Jose. George and
Anna Hauken to whom it may
concern.....Nov. 15, 1924
Nov. 15, 1924—LOT 19, BLK. 1, Palm
Haven, San Jose. Frank P.
Schemmel to whom it may concern.....
Nov. 15, 1924
Nov. 15, 1924—PART LOTS 41 AND
42 Blk. 1, Burrell Park, San Jose.
W. Altevogt to whom it may con-
cern.....Nov. 13, 1924
Nov. 17, 1924—W RAMONA AVE., bet.
C Ave. and Broadway being Lot
14, Ramona Subd., San Jose. Louis
Emig to E. L. Wolfe.....Nov. 17, 1924
Nov. 17, 1924—N 3/5 OF
Lot 4, Peter Swart Tract J-17, San
Jose. Hattie J. Nuby to McDowell
and Wilbur.....Nov. 12, 1924
Nov. 17, 1924—LOT 1, BLK. 10 R 3 W
Maces SW Addition, except Ptn to
Soderstrom, Frank Russo to V. R.
Cammetti.....Nov. 15, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Nov. 8, 1924—S BERRYESSA ROAD &
E Thirteenth St. S on 13th 45.22 ft.
E at L 102.25 ft. N at L 59.92 ft. to
Berryessa Road on 13th on 86.06
ft. to beg., San Jose. W. Duck-
geischel (as Growers Lumber Co.)
vs M V Oliver to C Amstutz.....\$74.91

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Nov. 13, 1924—LOTS 6 AND 7 BLK 2
Barrett and Mack Subdn., San Jose.
Southern Lumber Co. to H. R.
Phillips.....\$938.86
Nov. 13, 1924—PART LOT 3 BLK 4
Range 2 S, San Jose. W. A. Kam-
mer, H. H. Harrison (as Coast Elec-
tric Service) to S. Susana, Susana
C. Hablitzel, Sarah Ann Corey,
Benjamin C. Ledyard & Charles C.
Hablitzel.....\$486.32
Nov. 13, 1924—E FIRST ST., bet.
Lots 2 and 6 Blk 4 R 2 S, N 68.92 ft.
on First St. by depth 100 ft., San
Jose. E Levin to Susana C. and

Charles E. Hubbard and Sarah Ann
Gibson, 141 North E St., Sacramento.
Nov. 14, 1924—LOT 1 BLK 2, Vossman
St., Sacramento. Trade in Liberty &
Mill Co. to Francis Jones. \$541.15

BUILDING CONTRACTS

SAN MATEO COUNTY

SCHOOL.
UNION PARK, Contra. A. L. works for in-
stalling steeling in Jefferson Union
High School building.
Owner—Jefferson Union High School
District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.
Contractor—Standard Electric Time Co.,
461 Market St., San Francisco.
Filed Nov. 10, '24. Dated Oct. 1, '24.
Install 25 days. Payments, 75%
on 10 days, 25% on 15 days.
TOTAL COST, \$681
Two Bonds, \$40.50. Surety, American
Surety Co. Limit, 60 working days.
Forfeit, none. Plans and specifications
made.

INSTALL SPECIAL FURNITURE WORK
on above.
Contractor—Pink & Schindler, 226 13th
St., San Francisco.
Filed Nov. 10, '24. Dated Oct. 23, '24.
Payments not given.
TOTAL COST, \$7022
Two Bonds, \$3511. Surety, Globe In-
demnity Co. Limit, 60 working days.
Forfeit, plans and specifications, none.

OFFICE, ETC.
CASSIA AND MAIN STS., Part Lots 5
and 6 and 8 Blk 7, Easton Addn.,
Redwood City. All work for concrete
office, show room and shop
building.
Owner—Harry W. and Wilkie Dossin,
Burlingame.
Architect—Kuhn & Edwards, S. F.
Contractor—Leonard Dioguardi, San
Francisco.
Filed Nov. 10, '24. Dated Oct. 28, '24.
Bricks and sec. in place. \$896
Wall tile in place and roofed. \$596
Completed. \$1492
Usual 35 days. \$23,587
TOTAL COST, \$23,587
Bond, \$23,587. Surety, Hartford Acci-
dent Co. Limit, 60 working days.
Forfeit, none. Plans and specifications
filed.

BUILDING
LOT 1 BLK A Map No. 3, El Cerrito
Tract, San Mateo. All work for
frame building.
Owner—Roche & Roche, 19 Baldwin
St., San Mateo.
Architect—W. H. Crimm Jr. and Ham-
ilton, Murdock, 425 Kearny St.,
San Francisco.
Contractor—Charles Pedersen, 60 Penin-
sula Ct., San Mateo.
Filed Nov. 12, '24. Dated Nov. 5, '24.
Floor on 1st. \$31570
Brown coated. 1570
Completed. 1570
Usual 35 days. 1570
TOTAL COST, \$3280
Bond, \$3140. Sureties, Francis J. Rob-
inson and Wm. F. Turnbull. Limit, 50
working days. Forfeit, \$10. Plans and
specifications, none.

BUNGALOW, \$5000; Midway Ave., San
Mateo Park, San Mateo; owner,
Frank Ruhl, 515 Clark Drive, San
Mateo.
BUNGALOW, \$4000; Lot 21 Blk 2,
South E-St., San Mateo; owner, F.
McNally, 546 S-E St., San Mateo;
contractor, Frank Ferrea, 712 5th
St., San Mateo.
RESIDENCE, \$15,000; Lot 283, Clark
Dr. and Edgewood St., San Mateo;
owner, Harry Dana, 450 Highland
Ave., San Mateo; contractor, Arthur
Dusenberry, 442 Hurlingham Ave.,
San Mateo.
COTTAGE, \$1100; N-H St., Lot 27 Blk
54, San Mateo; owner, Louis Col-
omba, 55 North E St., San Mateo.
RESIDENCE and garage, \$10,000; Part
Lot 247, Warren Road, San Mateo;
owner, Homer & Hulberg, 1524
Floribunda Ave., Burlingame; con-
tractor, Hammer & Hulberg, 1524
Floribunda Ave., Burlingame.
ALTERATIONS, \$1500; Lot 27; No. 130
Second Ave., San Mateo; owner, B.
S. Gibson, 90 Penn Furniture Co.,
San Mateo; contractor, Penn Fur-

niture Store, 130 2nd Ave., San
Mateo.
BUNGALOW, \$1000; Lot 17 Blk 33; No.
137 North F St., San Mateo; owner,
J. J. Bradley, 141 North E St., San
Mateo.

BUILDING CONTRACTS

FRESNO COUNTY

RESIDENCE, \$7000; No. 709 Normal
Ave., Fresno; owner, J. E. Saylor,
Fresno.
DWELLING, \$8000; No. 1407 Wilson
St., Fresno; owner, W. H. Rich-
mond, 1238 Farris St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded
Nov. 12, 1924—LOTS 10 TO 16 BLK
92, Fresno. W B and H H Holland
to Mat Summers, Schultz Paint Co
and Wessel Electric Co. Nov. 10, 1924
Nov. 15, 1924—LOTS 37 AND 38 BLK
3, La Sierra Tract, Fresno. F W
Bish to whom it may concern.
Nov. 15, 1924
Nov. 15, 1924—SW 50 FT. LOTS 1, 2,
3 Blk 25, Paige Tract, Fresno.
R Ingegnier to whom it may con-
cern. Nov. 15, 1924
Nov. 17, 1924—LOTS 11 AND 12 BLK
1, New High School Addn, Fresno.
M J Ryan Co to whom it may con-
cern. Nov. 12, 1924

BUILDING CONTRACTS

SACRAMENTO COUNTY

THEATRE and roominghouse, \$6500;
No. 212 K St., Sacramento; owner, I.
E. Bloomberg; contractor, I. Greit-
zer, 214 K St., Sacramento.
DWELLING, 5-room and garage, \$8000;
No. 1009 Santa Ynez Way, Sacra-
mento; owner, W. D. Spencer, 1234
K St., Sacramento.
GENERAL Repairs, \$2500; No. 1521 8th
St., Sacramento; owner, M. E.
Whipple, 801 K St., Sacramento.
DWELLING, 5-room and garage, \$2500;
No. 1441 47th St., Sacramento;
owner, Wright & Kimbrough, 817
J St., Sacramento.
DWELLING, 6-room and garage, \$6450;
No. 2942 26th St., Sacramento;
owner, J. E. Monroe, 2445 Donner
Way, Sacramento.
DWELLING, 6-room and garage, \$4670;
No. 2188 2d Ave., Sacramento;
owner, H. F. Smith, 2800 22nd St.,
Sacramento; contractor, Martin &
Son, 1417 14th St., Sacramento.
GENERAL repairs, \$4500; No. 1212 13th
St., Sacramento; owner, John Stall,
426-430 L St., Sacramento.
FLAT, 5-room, \$8000; No. 315 25th St.,
Sacramento; owner, J. W. Shi-
mada, 606 7th St.; contractor, W. E.
Saunders, 2614 I St., Sacramento.
DWELLING, 5-room and garage, \$5400;
No. 3500 33rd St., Sacramento; own-
er, W. E. Saunders, 2614 I St., Sacra-
mento.
DWELLING, 5-room and garage, \$4600;
No. 1201 47th St., Sacramento; own-
er, S. W. Ottinger, 2204 J St., Sac-
to.
FLAT, 5-room and garage, \$9000; No.
901 Santa Ynez Way, Sacramento;
owner, Mrs. Mary Craig, 1323 E St.,
Sacramento; contractor, E. R.

Beebe, 1722 1/2 S St., Sacramento.
DWELLING, 5-room and garage, \$4800;
No. 800 35th St., Sacramento; own-
er, A. Fisher, 1200 T St., Sacramento.
DWELLING, 4-room and garage, \$2700;
No. 1741 39th St., Sacramento; own-
er, O. C. Farnsworth, 4120 2nd Ave.,
Sacramento; contractor, Watson &
Bennie, 2719 5th Ave., Sacramento.
DWELLING, 7-room and garage, \$4700;
No. 2741 6th Ave., Sacramento;
owner, Watson & Bennie, 2719 5th
Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded
Nov. 10, 1924—LOT 414 Homeland
Joseph F Sacerra to whom it may
concern. Nov. 8, 1924
Nov. 10, 1924—LOT 9 Darling Tract,
Sacramento. Newhart to
whom it may concern. Nov. 1, 1924
Nov. 10, 1924—SE NINTH AND G
Sts., Sacramento. J L and Hannah
Andressen to whom it may con-
cern. Nov. 1, 1924
Nov. 12, 1924—43 1/2 Oct. 31, 1924
Smith Tract 4, Sacramento. Guy
S Patterson to whom it may con-
cern. Nov. 12, 1924
Nov. 12, 1924—TRACT 100X35, Bran-
nan's Addition, Sacramento. Pacific
Gas & Electric Co to whom it may
concern. Nov. 12, 1924
Nov. 13, 1924—LOT 8 Elmfont. Paul
R Opdyke to whom it may concern.
Nov. 10, 1924
Nov. 14, 1924—LOT 1008, Elmhurst.
No. 2, Sacramento. Frank Maloney
and Robert L. and Elizabeth Sara
Metz to whom it may concern.
Nov. 11, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded
Oct. 21, 1924—LOT 32 SUB 2, Nickel
Plate Tract, Sacramento. Allyn L
Burr (as The Allyn L Burr Co.) vs
Lewis E. Vard. \$1136.32
Nov. 7, 1924—LOT 177.75x64.14 N of
J & E of 31st, Sacramento. Owners
Plumbing & Heating Supply Co vs
W. W. and Velma Simmons and
Frank Davis. \$73.67
Nov. 15, 1924—LOT 8, Cutter Terrace,
Sacramento. Owners Plumbing &
Heating Supply Co vs Walter
Leitch and Frank Davis. \$21
Nov. 15, 1924—LOT 1483 and NE 20
ft. Lot 1489 W & K Tract 30, Sacra-
mento. Owners Plumbing &
Heating Supply Co vs Mary M.
Wason and Frank Davis. \$116.36

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$2900;
Tenth St., bet. Barrett and Ripley
Sts., Richmond; owner, H D Lane,
531-A 10th St., Richmond; contrac-
tor, Carl Overaa, 2105 Roosevelt
St., Richmond.
DWELLING, one-story frame, \$2000;
Ohio Ave., bet. Pullman Ave. and
27th St., Richmond; owner, Geo.
Mullholland, 927 Sacramento St.,
San Francisco; contractor, L. J.
Thole, 414 22nd St., Richmond.
DWELLING, one-story frame, \$5000;
Amador St., bet. Zara and Sierra
Sts., Richmond; owner, A. L. Rector,
567 6th St., Richmond.
DWELLING, one-story frame, \$4000;
Macdonald Ave., Cor. 46th St.,
Richmond; owner, C. Garibotti, 225
21st St., Richmond; contractor, E.
A. F. Carson, 542 4th St., Richmond.
DWELLING, one-story frame, \$8000;
7th St., bet. Acacia and Pennsyl-
vania Sts., Richmond; owner, J. H.
Plate, 6th and Macdonald Ave.,
Richmond; contractor, F. C. Hos-
king, 10th and Pennsylvania Sts.,
Richmond.
DWELLING, 2-story frame, \$7240;
Bissell Ave., bet. 12th and 13th Sts.,
Richmond; owner, Dr. H. L. Car-
penter, 906 Macdonald Ave., Rich-
mond; contractor, Carl Overaa, 2105
Roosevelt Ave., Richmond.

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Nevada City, Reno

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BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$5600; No. 1230 East Poplar St., Stockton; owner, E. C. Perry.

DWELLING and garage, \$2350; No. 236 East Fifth St., Stockton; owner, T. E. Pruitt, 644 Alameda St., Stockton.

DWELLING and garage, \$4500; No. 1157 West Willow St., Stockton; owner, F. P. Dobson, 920 W-Harding way, Stockton.

DWELLING and garage, \$1100, No. 2275 East Lafayette St., Stockton; owner, Della May Wilton.

DWELLING and garage, \$3500; No. 150 West Fulton St., Stockton; owner, E. A. Crosby.

SERVICE station, \$7175; No. 540 East Miner Ave., Stockton; owner, Harry D. Hubbard, 928 S-Ophir St., Stockton.

DWELLING and garage, \$5200; No. 481 Bristol Ave., Stockton; owner, M. A. Van Winkle, 2274 E-Wyan-dotte St., Stockton.

DWELLING and garage, \$4000; No. 1109 West Acacia St., Stockton; owner, G. H. Rucker, 1046 N-Sierra Nevada St., Stockton.

ALTERATIONS, \$3585; No. 615 East Miner St., Stockton; owner, Cornazini & Gotelli, 1422 N-Commerce St., Stockton.

DWELLING (2) and garage, \$5000 each; No. 820 N-Washing St. and No. 1121 West Poplar St., Stockton; owner, V. D. Valo, 408 E-Noble St., Stockton.

DWELLING, \$3200; No. 528 East Pine St., Stockton; owner, Guard C. Darrah, 411 F. & B. Bldg., Stockton.

DWELLING and garage, \$3900; No. 813 Bedford Road, Stockton; owner, J. B. Leighton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Oct. 29, 1924—LOT 14 BLK 5, Lomita Park, Stockton. John Ramsey to John Ramsey.....Oct. 28, 1924

Nov. 7, 1924—LOTS 2 AND 4 BLK 7, Map of Stockton City Homestead Association, Stockton. Florence M. and De Witt C. Stowe to whom it may concern.....Nov. 10, 1924

Nov. 12, 1924—LOTS 17 AND 19 BLK 5, of G. W. Phelps Map of West Stockton. C. J. Turner to whom it may concern.....Nov. 10, 1924

Nov. 13, 1924—LOT 10 BLK 104 West, Willow and Stockton Sts., Stockton. Eldora E. Smith to V. Grey.....Oct. 29, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount:
Nov. 10, 1924—PTN OF SEC. 22 of C M Weber's Grant, Stockton. Stockton Paint Co vs E P Jones and George Hornege.....\$198.28

Nov. 10, 1924—PTN OF SEC. 22, Weber Grant, Stockton. Central Lumber Co of Stockton vs E P Jones and George Hornege.....\$257.50

Nov. 10, 1924—PTN OF SEC. 22, Weber Grant, Stockton. San Joaquin Truck Co vs E P Jones and George Hornege.....\$306.50

Nov. 10, 1924—LOT 5 BLK 57 W of Center St., Stockton. Central Lumber Co. of Stockton to W T Jacks and wife.....\$214.11

LOW BIDDERS MAY CANCEL HIGH-WAY PROPOSALS

According to the Highway Builder, the state of New York, following the example set by the Department of Highways of Pennsylvania, has sent the following notice to highway constructors:

"Any bidder, or his duly authorized agent, who has submitted proposals on more than one project at any one letting may, at his option and upon written request, withdraw any or all of his additional proposals after the official of the bureau opening and reading the bids has announced that such bidder has submitted the lowest proposal on the project for which bids have last been read. When this option is exercised, the proposal for other projects in the letting will be returned to the bidder unopened. No returned bids will be considered after the bidder has exercised his privilege to withdraw same, nor will any bids be considered which have not been deposited with the bureau prior to the time indicated in the advertisement.

Any bidder so withdrawing his bid or bids waives all claims that his opened proposal is informal or for any reason unacceptable to the bureau. The bureau will open and read projects in the order in which they are drawn and not in the order in which the projects are advertised.

PACIFIC STATES LUMBER COMPANY SUE IN LARGE CONTRACT

A suit for \$100,000, charging breach of contract, has been filed by John H. Haak against Charles A. Smith and the Pacific States Lumber Company in the United States District Court at San Francisco.

Haak alleged in his complaint that he contracted with the lumber company an \$8,000,000 concern, to raise funds of from \$3,000,000 to \$8,000,000. After approaching the Second Ward Securities Company of Milwaukee, Wis., Haak charges that Smith and the lumber company informed him they had decided they did not need the money. Later the Second Ward Securities Company issued first mortgage 8 per cent gold bonds for \$7,300,000, Haak alleged. Haak charges he spent two years on the money raising scheme and expended more than \$5000.

ARCHITECTURE STYLES OF U. S. ARE DEVELOPING

America is working out its own notions of architecture, despite the fondness of Americans to identify effort in this field with that of the ancients, Professor William A. Boring asserts in his annual report as director of the School of Architecture of Columbia University to President Nicholas Murray Butler, made public recently.

"It is now fashionable in America to liken our tendencies and our probable decline to those of Rome citing as proof the resemblance of American public buildings to those of Rome," says Professor Boring. "While our stadiums and places of public assembly are not unlike those of the ancients, the majority of our buildings are of a new system of construction and are defined by new requirements.

"This requires us in our teaching to guide students to personal and independent thought in design, and to acquaint them with the achievements of the past and those truths of beauty which consciously or unconsciously, control all artists.

"Training in architecture might well be defined as leading from instruction to reproductive imagination, from this to productive imagination, and finally to vision, that divine sense with which genius is endowed and which we endeavor to cultivate in the lesser mortals who have to work for it."

The past year has been successful in its work and in attendance, which has grown from sixty-nine to 101 students, and the quality of the entrants appears to be improving, according to Professor Boring. The facilities of the school will not permit a larger attendance than about 120, and it may be that some form of competition test will be advisable for admission in the near future.

CONCRETE TILE LAW IS REVISED AT SEATTLE

The Building Code Revision Committee of Seattle, Wash., has recommended to the city council certain changes in the existing code providing for the use of concrete tile heretofore not permitted. Extensive studies as to the load-carrying capacity and fire resistant qualities of concrete tile were made and it was voted 16 to 3 by the commission to allow the use of the concrete product.

It is recommended by the commission that the proposed ordinance require 1½-inch webs on all concrete tile for bearing walls, except in residences, wherein 1-inch webs are permitted. It is also suggested that 1-inch webs be permitted for non-bearing and filler walls. The 1½-inch web concrete tile was given the same rating as terra cotta tile, which is now used for bearing and non-bearing walls.

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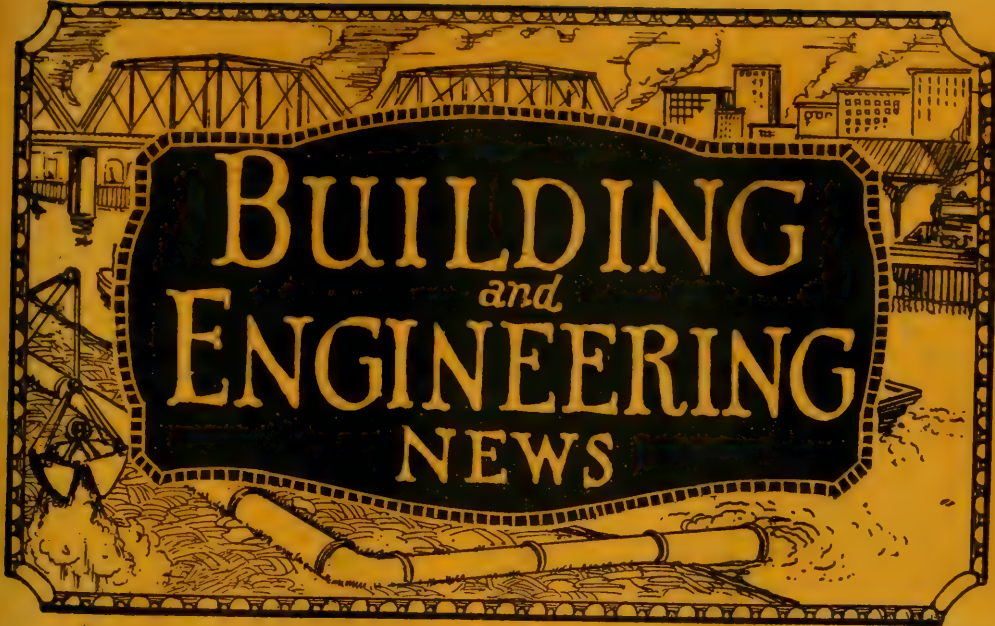
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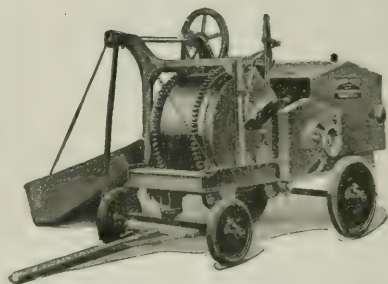
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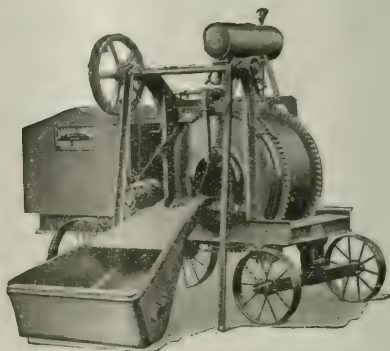
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 29, 1924

Twenty-fourth Year No. 47



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Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

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TWO MILLION DOLLAR DAM FOR FEATHER RIVER

Plans for the construction of a huge dam on the Feather river at an estimated cost of \$2,000,000 are announced by Mortimer Fleishacker, president of the Great Western Power Company of San Francisco.

The plans, coincident with an announcement that a merger of the Great Western Power Company and the San Joaquin Valley Light & Power Company was under consideration, indicated that the dam will provide reservoir space for some 1,300,000 acre feet of water.

In discussing the transaction under which he and his brother Herbert would retire from the hydro-electric power business, Fleishacker said:

"The deal has not been completed and we deplore the premature announcement of the negotiations, which may be completed this week.

"The crux of the whole matter lies in a plan which the Great Western Power Company has had under consideration for some time of building a new dam on the Feather River at a cost of something like \$2,000,000.

"This dam will provide a storage reservoir of 1,300,000 acre feet of water, one of the biggest power reservoirs in the world and about equal to the big dam on the Nile."

FINANCE COMPANIES OPERATE ON "FROZEN" ASSETS

State supervision over mortgage and finance companies is limited; therefore, investors should use the greatest caution in investing in these concerns.

This is a substance of a warning issued by Edwin M. Daugherty, State Corporation Commissioner, who says he believes a few words of caution are necessary because of the surprising increase in a number of these companies in California.

Without any intention of discrediting any company doing a legitimate and honest business, Commissioner Daugherty announced that of nineteen so-called mortgage and finance companies recently examined, not one was found to be in first class condition. The assets of more than 2% of these concerns were "frozen." That is to say, their assets were tied up in such a manner that they could not be used in case of emergency. One company had dissipated its assets and most of the concerns had violated the terms of permits issued by the Corporation Department.

"It is only when these violations come to the attention of the department that the latter can take action," the Commissioner said, "By that time the damage to investors has been accomplished. The safest rule one can suggest to a prospective investor is not to put his money into these companies unless he knows and has confidence in their officers."

"It is always well to keep in mind," the Commissioner added, "that a permit issued by the Corporation Department means only that the plan submitted by a company has been appealed to the Department as being fair, just and equitable. When such a plan is presented by men represented as square, the permit must issue. It is then the duty of the men behind the plan to carry it to success."

"Experience shows the fault is not so much with the plan as the method employed by unscrupulous or inexperienced individuals back of it," the Commissioner said.

"Investigation by the department shows that many brokers have been instrumental in organizing finance companies, apparently for the chief purpose of selling the stock to the public, and indirectly getting in touch with persons who have other securities which might be the subject of trade. In many of these cases, little attention is given to placing the companies in the hands of proper management."

I. W. W. S. TIE UP CONSTRUCTION WORK IN NORTH

Alleged I. W. W. agitation, which has tied up operations on the Natron railroad cut-off and other construction work in various Pacific Coast places, apparently has had its effect at the California-Oregon Power Company's site on the Klamath river in northern California, where a new generating plant is being constructed, when more than 100 tunnel men walked out, temporarily tying up most of the tunnel work. According to officials of the company, which has headquarters in Medford, Ore., several alleged I. W. W. agitators slipped into camp and in a few days a spirit of unrest developed which resulted in demands which Superintendent Kermach of the company refused.

NO DEPRESSION APPARENT IN CONSTRUCTION INDUSTRY

All of those who have been watching developments closely in the construction industry are unanimous in their opinion that there will be no depression during the coming winter. It is true that there was a slight decline in construction activity during the summer months in some localities, but this was in the nature of a seasonal reaction rather than a general slowing down in the industry. Recently there has been what can be regarded as a distinct upward trend in building, due to the more favorable near outlook in general business and the approach of cooler weather, prompting the placing of contracts for immediate construction needs.

Building costs are more stable now than they have been for some time and there is every reason to believe that this condition will exist for several months. This is especially true as regards wage rates and it is unlikely that there will be any change in scales either upward or downward until next spring. Building material costs may possibly show a slight advance in some lines before the end of the year, but it is not believed that this will materially affect building costs in general.

Judging from the vast number of major construction jobs now getting under way all over the country, which will carry over into 1925, the advantages of winter construction will be demonstrated and hereafter the industry will never again be faced with a seasonal stoppage due to the one time prevalent idea that it was impracticable to carry on work during cold weather.

FORM CLAY PRODUCTS INSTITUTE

With representatives present from the American Face Brick Association, Clay Products Association, Common Brick Manufacturers Association, Hollow Building Tile Association, National Paving Brick Manufacturers Association and the National Terra Cotta Society, action was taken at a meeting in Chicago in October to create the Clay Products Institute. The new organization, those interested in it point out, will mean much to the heavy clay products industries not only in bringing them closer together and problems of joint interest but in affording means for research.

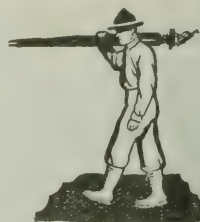
Frank Butterworth, general manager of the Western Brick Co., Danville, Ill., was elected president of the Clay Products Institute. The other officers are W. P. Whitney, of Springfield Paving Brick Co., Springfield, Ill., vice-president; and J. S. Sleeper, secretary, Hollow Building Tile Association, secretary. The secretaryship will rotate from year to year among the secretaries of the member associations. The institute will hold annual meetings during the fourth week in April in Washington, D. C.

Merced plant of the California Pottery Company is making a shipment of five carloads of hollow tile to Honolulu to be used in a six-story bank building. Six carloads of hollow tile have already been shipped to Bakersfield for the new post office building.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



The monthly summary of business conditions in the Twelfth Federal Reserve District, as reported by John Perrin, Federal Reserve Agent, in part, says: "Productive activity in the principal industries of the district was well maintained during October, although seasonal curtailment in some lines caused a moderate decrease in the volume of employment. The amount of building construction now under way is large, and so also is the amount of building in prospect as shown by the number and value of building permits issued in 20 principal cities during October. The totals for the month, excluding the figures for Los Angeles where a large decline occurred, were slightly above the record figures of October a year ago. The value of building permits issued in these cities during the first ten months of 1924 has been but 5.0 per cent less than the value of permits issued in the corresponding period of 1923, and this despite the fact that the cost of building was higher during the earlier year. Lumber mills of the district increased their output during October, but sales were smaller than in the previous month, and considerably less than production. While distributors and consumers of lumber have shown little tendency to anticipate future needs, many mills are reported to have limited sale commitments in expectation of a rise in prices."

Donald McLaren of the MacRorie-McLaren Company, landscape engineers of San Francisco, has been named official landscape architect of the proposed Transcontinental Highway Exposition to be held in Reno, Nevada, in 1926. The Exposition is intended to celebrate the completion of the Truckee-Reno highway along the Truckee river and is primarily to influence the trend of automobile tourist traffic through Reno to Northern California. In the past the tourist travel has been diverted at Salt Lake to Southern California.

Edgar Blair, 53, for eleven years architect for the Seattle city school department, died in that city, Nov. 9. He was a graduate of the Columbia University, New York City. During recent years Mr. Blair has been editor and publisher of the Washington State Architect as well as having been a past president of the Washington State Chapter of Architects.

Salem, Oregon, passed a new zoning ordinance at the last election whereby building permits will be granted automatically if the building conforms to the ordinance. Heretofore the council has had to pass upon each application. In the future all permits will be granted by the board of public works.

Holmes Lime & Cement Company has let a contract for a four-story frame mortar plant to be erected at De Haro and Division streets, San Francisco. The plant will cost in excess of \$15,000, exclusive of equipment to be installed.

W. P. Fuller Co., paint manufacturers, plans early construction of a four-story reinforced concrete warehouse in Los Angeles. The structure will cover an area of 200 by 200 feet and will cost in the neighborhood of \$350,000.

The November issue of the Monthly Labor Review contains special articles on labor productivity and costs in certain building trades by Ethelbert Stewart, United States Commissioner of Labor Statistics. The field work of the investigation of the building industry was done in 1923. Changes in building methods and lack of records as to labor productivity resulted in certain modifications in the scope of the investigation. The average rate of pay per hour in bricklaying was found to vary in different cities from \$1.01 to \$1.76, while the cost of laying 1000 bricks ranged from \$4.82 in Birmingham, Ala., to \$14.87 in Indianapolis, Ind. In plastering, the hourly rate of pay varied from 95.7 cents to \$1.87½ and in painting from 63 cents to 83 cents, the reports for the latter occupation, however, relating only to

Two Northwestern timber sales, with an aggregate transfer of \$3,400,000 were reported in Portland, Ore., Nov. 21. One was the sale by A. S. Berry of Seattle of approximately 600,000,000 feet of timber on 10,000 acres in Clatsop County, Ore., adjoining the extensive holdings of the Oregon American Lumber Company, to a subsidiary corporation of this company. The purchase price was \$2.50 a thousand feet. The other was the purchase by the Long-Bell Lumber Company of 3,000,000,000 feet of high grade timber on the upper Cowlitz River in Southwestern Washington, from the Weyerhaeuser Timber Company at \$4 a thousand feet.

Upon request of the attorneys for both sides the supreme court has allowed thirty days for the filing of briefs in the case of the Northern California Development Company, which seeks a writ of mandate to compel the supervisors of Contra Costa County to grant it a franchise for the construction of the Carquinez Straits bridge, or else call an election upon an initiative petition filed some months ago. The case was to have been argued, but the attorneys decided to submit it by briefs.

Suit to force the San Mateo County Board of Supervisors to sign a contract for \$120,000 worth of street paving at Lomita Park has been submitted on briefs to Judge George H. Buck. The plaintiff is the Municipal Improvement Company of San Francisco. Following the opening of bids and award of the contract to the San Francisco firm, the board refused to proceed with the paving because of protests by property owners of the district.

Eastern and Western Lumber Company of Portland, Ore., has let a contract for the construction of twenty-one miles of standard gauge railroad to be built, hauling logs from the company holdings in Clackamas county to the Portland mill. The company's holdings comprise 1,000,000,000 feet of timber in the southern section of Clackamas county, according to F. H. Ransom, manager of the company.

A petition in voluntary bankruptcy has been filed by John E. Hamilton, member of the firm of Hamilton & Costello, contractors, in the United States District Court. Hamilton filed his petition both as an individual and as a member of the co-partnership with Wesley F. Costello. Liabilities are \$19,760, with assets of \$1744.

John Lyle Harrington, Kansas City engineer, has been granted a new franchise by the San Mateo County Supervisors to construct a toll bridge across the lower end of San Francisco bay at Dumbarton Strait. The previous franchise granted to Harrington on March 22, 1923, expired. The new franchise will take care of certain changes in the law governing the financing of toll bridges. The structure will be approximately 5500 feet in length, 24 feet wide and will cost approximately \$2,000,000.

An injunction seeking to restrain the Merced Irrigation District from building the Exchequer dam, thus impounding waters of the Merced river, has been filed in the superior court at Merced by seven plaintiffs representing the Dale and Cook ranch, near Snelling, who seek to halt the work until their riparian rights are established. A. L. Cowell, attorney of the irrigation district, declares the suit will in no way check construction work.

T. K. Nickerson, representing the Pacific Building Materials Company, East Second and Main Sts., Portland, Ore., was a recent visitor to the San Francisco Builders' Exchange. Nickerson, many years ago, was connected with the Western Building Materials Company of San Francisco. His visit to California is to secure ideas on the latest installations in ready mixed mortar plants. Nickerson plans early construction of such a plant in the "Rose City."

R. B. Martin, aged 56, for 16 years a member of the firm of J. F. Hall-Martin Company, died suddenly at his home in Los Angeles, Nov. 19, following a stroke of paralysis. Prior to entering the contracting business Martin was city engineer of Alhambra and was also engaged in private engineering work on several projects, including the Pacific Electric line to Monrovia.

The board of public works of Los Angeles has asked the city council for authority to employ at once architects to prepare plans for the proposed \$5,000,000 city hall instead of holding a competition as originally contemplated. The Council has referred the request to the civic center committee.

The Dumbarton Bridge Company, capitalized at \$2,500,000, with the principal place of business as San Francisco, has been incorporated. Directors are: H. R. White, H. J. Finn, A. B. Dunne and R. C. Foerster.

Geo. J. Calder, who was resident engineer for the Sacramento City filtration during the construction period, has resigned as structural expert on the civic auditorium project.

Warehouse of Tyre Bros. Glass Company at 668 Townsend street, San Francisco, suffers \$250,000 fire loss, Nov. 25.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STUCCO MANUFACTURERS' ORGANIZATION ACTIVE IN ENLARGED FIELD

The National Association of Oxy-Chloride Cement Manufacturers, formerly the National Association of Composition Flooring Manufacturers, has undertaken a country-wide campaign for increased membership. The campaign is under the direction of the directors of the Association, Messrs. Wm. Raumbach, President of the Association, American Monolith Co.; H. S. Webster, Vice President of the Association, The Roebond Co.; R. W. Page, Secretary-Treasurer of the Association, Marbleoid Co.; H. E. Williams, Williams-Wendt Co.; G. W. Selby, Marine Decking & Supply Co.

The campaign for increased membership is based upon a definite program of activity that has been adopted by the Association, some phases of which are already in effect. The program provides for work along such lines as the development of standards of practice, arbitration and adjustment of differences within the industry, an aggressive widening of markets and scientific research.

Important work has already been done in the development of standards of manufacture and installation for oxy-chloride flooring and stucco, the two chief products of oxy-chloride manufacturers.

Much of the work toward the development of standards of quality has been carried on in co-operation with the Bureau of Standards in Washington. An increase in the number both of regular and associate members is being sought, and with initial success, according to a statement by the Association. Initiation fees have been suspended for a short period in order to stimulate the increase at this time.

Pointing out to the building and construction industries that the Association has been in existence, although on a less active scale for eight years and has done much quietly effective work for its members and the trade served by them, the officers of the Association in a statement issued widely throughout the country referred to the enlarged program of activities being entered into. "It is a sensible constructive program. There are no fads in it. Carried out, it will provide protection and chance of development no single company can provide. The sound ideas of many members are woven into it. Precedent in other industries shows its accomplishment is practical."

The organization has established executive headquarters at 1328 Broadway, New York City, in charge of a salaried staff.

LONG BEACH VISITOR

Miss Williamson, secretary of the Long Beach Builders' Exchange, was a visitor on the San Francisco Exchange floor, Nov. 24. Miss Williamson reports conditions in the Southern section as going first rate and declares that the coming season for the entire Pacific Coast construction fraternity looks as being prosperous.

Uniform Building Code Topic at Building Officials Conference

By M. C. Woodruff, Building Inspector, San Jose

The third annual meeting of the Pacific Coast Building Officials Conference opened for a three-day session in the Hotel Oakland, at 10:30 A. M., November 20, with an attendance of thirteen officials or about three times the number since organization in San Francisco two years ago.

The first afternoon session of the conference was attended not only by a score of building inspectors, but by many interested in better construction. This session proved of considerable interest due to discussions and papers read from men associated with the construction industry in every section of the Pacific Coast, notably from San Francisco, Oakland, Los Angeles, Portland, Seattle and Phoenix, Ariz. Portland, Ore., was represented by a paper from H. E. Plummer, chief building inspector of that city.

J. J. Backus, chief building inspector of Los Angeles, and A. C. Horner, building inspector at Stockton, were among the principal speakers at the afternoon session.

The sessions of Nov. 21 far exceeded the dreams of those who attended the organization meeting of the conference two years ago.

A uniform building code was discussed at these sessions.

H. D. Jones, chairman of the Legislative Committee of the Alameda County Builders' Exchange, opened the morning session in outlining the efforts of the seven East Bay cities toward such a code for that district. The need of such was perhaps most forcibly

shown by the fact that the installation of five plumbing fixtures in a residence in Emeryville would cost \$275 while in Piedmont the same fixtures would cost \$245 to install and this because of the different requirements of installation. It is hoped this will be the entering wedge which will develop into a uniform code for the Pacific Coast.

A. C. Horner of Stockton read a paper on Retroactive Legislation in Building Codes, pointing out that all such legislation should be of a nature that would benefit the community without bringing a hardship upon the owner and involving a financial outlay that would not be justified.

This was enlarged upon by L. Kraemer of the National Lumber Manufacturers' Association, citing the tendency of the public to consider such as an ex post facto law. Mr. Kraemer drew a distinct line showing the difference.

Mr. Backus of Los Angeles told of a recent change of fire districts of that city wherein certain streets, the construction is such as to make practically a firebreak, so that should a disastrous conflagration get underway it would be stopped, or at least be greatly retarded, when it reached the "firebreak." Terra cotta hollow tile, metal lumber and metal lath, California pine, common brick and even mortar all came in for a share of their places in the discussions.

Considerable credit for the success of the conference is due to the Builders' Exchange of Alameda County and the Oakland Chamber of Commerce.

OAKLAND SEEKS TO LICENSE AND BOND PLASTERERS

An ordinance providing for the licensing and bonding of all plastering contractors, and the creation of the office of plastering inspector has been submitted to Commissioner Frank Colborn of Oakland by a joint committee from the Master Plasterers' Association and the Plasterers' Union.

The committee, which consisted of J. A. Feeley, business agent of the Plasterers' Union; W. G. Newman, G. Michaels, J. J. Kirth and Ted Adams of the Plasterers' Association, told Colborn that the ordinance was designed to prevent the continuance of poor plastering work in Oakland.

RETAIL LUMBERMEN ELECT

C. W. Pinkerton of the Whittier Lumber Company, Whittier, has been re-elected president of the California Retail Lumbermen's Association. Other officers elected by the board of directors include a vice president for the northern district of the state, a vice president for the southern district, and a treasurer. M. A. Harris of the Van Arsdale-Harris Lumber Company, San Francisco, was elected president for the northern district, succeeding F. D. Prescott of Fresno. Frank Fox of the Fox-Woodsum Lumber Company, Glendale, was named as vice president for the southern district, succeeding A. E. Pickling of Long Beach.

SOUTHERN CALIFORNIA CONTRACTORS TO RADIO BUILDING TALKS

Arrangements have been completed for the Southern California Chapter, Associated General Contractors of America, to broadcast a radio program from the Los Angeles Times Broadcasting Station (KEJ) on Tuesday evening, January 6th, 1925, from 8 to 10 o'clock P. M., Pacific Standard Time.

This program will be of special interest to the building and construction industry, as well as to those interested in building. Musical numbers will be on the air at intervals during the two hour program. The program will be broadcast from the station on a 395 meter wave length. The program is in charge of Frank A. Schilling, Los Angeles, general contractor.

SURE ENOUGH

A newspaper recently bore this headline: "Thieves Crack Contractor's Safe and Find Only Tools." Sometimes it's a pretty good plan to keep the tools in the safe and let the other fellow have the job.

"Every master painter in Alameda county a member of the Master Painters' Association"—such is the slogan adopted by the Master Painters' Association of Alameda county which has started a drive to sign up every member of the paint family in that section.

Standardization Work Growing Abroad

Important industrial developments in all the industrial countries of the world are being brought about through standardization, according to a statement of the American Engineering Standards Committee. In no less than eighteen countries this important movement heads up in national standardizing bodies.

A saving of \$18,000 on each of 57 locomotives recently ordered by the Swiss National Railways is the result of applied industrial standardization in Switzerland, according to word from that country. This rather startling reduction in price is explained as being due to mass production, which in turn, is completely dependent on mechanical standardization and will make possible the complete electrification of the system.

The organization of a national standardizing body in Norway, which has been in progress for two or three years, has now been completed. In it the initiative was taken by the national manufacturers Association. The new organization is supported by the government departments, and technical, industrial and trade associations.

The new Committee's undertakings include standard sizes, standard screw threads, preferred diameters for cylindrical work, a standard gaging or limit system for interchangeable manufacture in mass production, and standard sizes and forms for technical drawings. Special reviewing or correlating committees for standardization work have been established in the fields of shipbuilding, architecture and the building trades, fittings and mechanical power transmission. To facilitate this work, the various trade associations in Norway are being encouraged to collect material and set up draft standards under the auspices of the main committee.

"A united Poland" in the technical field is the result of the newly established technical committee for the standardization of industrial products and supplies. Heretofore the Polish military services have tended to follow French standards, while in private industry, the preference has been for German work. The new organization is made up of experts in the fields of mines, foundries, military science, railroads, public work, postal and telegraph services, agriculture, trade, and weights and measures. It is organized under the department of commerce and industry of the national government. Only two other of the eighteen national standardizing bodies are organized under government auspices. These are the French and the Japanese.

More than 50,000 copies of printed standards developed under the Dutch Standards Committee during the past year were sold in Holland, according to their report. The Committee which has been among the most progressive for a number of years, issued sixty-two standards in final form and fifty-six draft standards for criticism and review. New committees have recently been organized on specifications for paper, for the standardization of electrical house-wiring materials and for general standardization in the fields of "weak current" electrical engineering—that is, telephone, telegraph and signal service.

Japan, which is rather new in standardization, began its work by comprehensive study of development of standardization in other countries, a process

which is much facilitated of late by the regular exchange of standardization data—both drafts and completed standards—between the eighteen national standardizing bodies now at work. Unfortunately, the office and all the records of the Japanese Standards Committee were destroyed at the time of the great earthquake. Nevertheless, it has been re-established and is now going forward actively.

As one of their first larger pieces of work, the Japanese have adopted a series of preferred numbers or standard dimensions employed in the building of machines and structures, and so reduce to a minimum the elements needed in the manufacture and handling of things such as drills, gages, templates, wrenches, and other common tools.

The Japanese have altogether forty-seven projects under way and are well advanced in work on mechanical and electrical machinery and equipment, as well as the very important fundamental standards of rolled steel sections used in civil engineering and the building trades.

Italy, which is also comparatively new to the work, has thirty-nine active projects under way. Particularly important are those for standardization of screw threads, bolts and nuts, pipes and tubes, and steel sections for shipbuilding.

So important is the international exchange of information in this field that ten of the national bodies publish regular journals concerning their work—both drafts and completed standards and announcements concerning standards approved or in contemplation. These countries are Germany, Austria-Hungary, Italy, France, Sweden, Holland, Switzerland, Czechoslovakia and Norway. The American Engineering Standards Committee receives and digests all of these for the information of its members and affiliated trade and technical organizations.

In order to facilitate the understanding of standardization work in foreign countries, the Germans have proposed setting up a central co-operative translation bureau for standardization work. Many firms in Germany are interested in foreign standards, and the proposal is that each of a number of such firms shall be responsible for the translation of a certain set of standards into German and supply enough copies of the translation for distribution among other interested organizations. In this way, each of these wide-awake firms will finally have a complete set of translations of those foreign standards which are significant in its field.

The Germans have made another interesting proposal—that a code word be set up for every standardized article, permitting such items to be ordered by telephone or telegraph with a maximum of accuracy and a minimum of effort and expense. Such code words would also be of importance in advertising standardized articles to the consuming public, much as during the war, the highly specialized standardized articles of military equipment became known under abbreviated names.

Czechoslovakia, like Japan and Germany, pays particular attention to work going on in foreign countries, and strives toward putting standardization work on an international basis.

Although Czechoslovakia started standardization on a large scale but a little over a year ago, it now has no less than fifty-four committees and sub-committees with six hundred members preparing standards dealing with mechanical engineering subjects alone. This will have an important influence on the already phenomenal development of the Czechoslovakian industries and their rapidly increasing export trade.

Interesting instances of the huge savings that can be made by judicious standardization are recounted by the director of the Czechoslovakian work in paper before the first international management congress, held in Prague this year. He reports the use of forty different types of small rails varying from 1% to 3 1/4 inches in height. Likewise, during nine years a single firm manufacturing cars for mine railways and industrial trackage, reports having filled orders for cars involving 76 different railway track gages. The same firm has a thousand different patterns for wheels for such cars.

It is expected that in the case of small rails, five or six types will likely replace the 40 now in use, and that five track gages, including the international gage for street and steam railways, will replace the 76 cited in this second example. Instead of a thousand different wheel patterns, it is expected that nine wheels of a heavy type and nine of a light type will cover all requirements. Following this simplification of designs and stocks, it will be possible to make a successful beginning in the equally important problem of standardizing axles, bearings and other associated parts.

The Secretary of the Czechoslovakian standardizing body makes an interesting point that when there is an unnecessary diversity in products, the buyer has more difficulty, rather than less, in choosing a suitable article, so that the time spent in making the purchase may actually be worth more than the article itself—certainly an important subject in the broad question of national economy, where the buyer's time must be considered as an element of economic importance second only to cost of manufacture and distribution of the product sold. This unnecessary diversity often makes it impossible for any sound mass production to develop, to the great loss of consumer and producer alike.

The British Engineering Standards Association, the oldest and largest of the national standardizing bodies, has recently completed an unusually important piece of work. This is a tabulation of the dimensions and properties of standard rolled steel sections for structural purposes.

It begins by setting down methods of calculating the strength of such sections and then presents the standard dimensions which have been adopted for the "sections" used in the construction of buildings and ships, including equal and unequal leg angles, bulb angles, bulb plates, channels, beams, and T-bars. A complete set of tables showing the metric equivalents for the adopted standard dimensions is given also. This report represents the culmination of about ten years of work on the part of the British technical committee charged with this difficult task. While such fundamental standardization work is necessarily

very slow, its economic value is exceedingly great.

The British, in this important report, have adopted a new development which has also been discussed in German standardization work, namely, the establishment of a definite five-letter code word for every standardized item. The Canadian Engineering Standards Association naturally co-operates very closely with the Americans on the one hand, and with the British on the other. One of the most important of their projects is a "Canadian Electrical Code," work upon which was recently started, based largely upon the American standard electrical codes for protection against fire and casualty hazards.

The Association has recently brought out an interim report on the manufacture, testing and uses of gasoline for automotive purposes. The difficulties of the problem were such that the technical committee was unable to recommend the adoption of any particular specification either for gasoline or lubricating oil. The data provided in this publication, however, serve to guide and assist the motorist in his purchase of gasoline and lubricating oil, as well as in the use of these materials. The data which it includes are of the greatest importance to all concerned in the technical problems of the production and use of gasoline and oil. The report includes important suggestions for obtaining maximum fuel economy in automobile engines. Hints are also given as to the proper selection and use of lubricating oil and the minimizing of the pollution of crank case oil by unburned gasoline leaking past the pistons and by condensation of moisture within the engine and in the crank case.

HOLLOW TILE WALLS GIVEN FIRE TEST

Hollow building tile having double shells on the two exposed sides give very good results from the point of view of fire protection, the Bureau of Standards finds. The exposed shell serves as a protection for the rest of the tile, and in order to distribute the stresses properly, the webs connecting this outer shell with the inner wall of the tile should be thinner or less in number than the webs back of the inner wall.

Gypsum and Portland cement plaster coatings over hollow tile will stay in place during ordinary fire exposure and will give about the same protection from fire as the addition of one wall and cell to the thickness of the tile.

The addition of a combustible filler, such as sawdust, to the clay in amounts from 5 to 15 per cent by volume, decreases the cracking of the burnt tile when exposed to fire, but has the disadvantage of producing a decrease in strength for the larger amounts of filler, thus lessening the ability of the tile to carry load under fire exposure.

More than 100 tests of small tile panels have been made, the panels forming one side of a special furnace. Eight tests have been made on walls 11 by 16 feet, and these are the first of a series of 50 fire tests to be conducted on hollow tile walls in the near future. Some of these walls will be tested restrained by the heavy panel frame as they would be if supported by cross walls during an actual fire. Others will be unrestrained, being supported only at the bottom. In some of the tests the walls will carry their normal working load.

Other points found to add to the quality of tile are sufficiently fine grinding of the raw material, the even burning of the clay to normal hardness for that particular clay, the provision of sufficiently heavy shells and webs, and the use of ample fillets where the webs join the shell.

Here, There and Everywhere

(Special Correspondence)

"The greatest service any citizen or group of citizens can perform is the active participation in all national and state legislative matters, with but one purpose in mind, 'serving the general public to secure and preserve for it, those constitutional and fundamental rights and privileges guaranteeing security of life, property and the pursuit of happiness, in the fullness and abundance contemplated by our forefathers,'" is the way J. F. Wuehler, Chairman of the Legislative Committee of the Associated Building Contractors of Illinois, emphasized the necessity for contractors to interest themselves through organization in legislative affairs concerning their business. In an address delivered before the association at its last district convention held in Collinsville, September 25. Regarding the responsibility of those in the industry to the work of organization, Mr. Wuehler had the following to say, "a building contractor who refuses to subscribe to and participate in the association's program slacks his plain duty toward citizenship, his position in the industry, his colleagues, and lastly himself. Like a man without a country, he is to be pitied because he lacks either the mentality to arrive at a conviction or the moral courage to support his conviction.

That builders waste millions of dollars annually through failure to take advantage of quantity survey bureau service was made clear by L. K. Comstock in an address recently before the New York Building Congress. "Studies of the cost of estimates plus the selling effort expended on them reveal the fact that for every \$1,000,000 worth of building construction in New York City \$30,300 is spent by contractors before actual construction can begin," he said. "The practical solution would be a charge for estimates commensurate with the cost of making them. Then a reduction in the number of estimates tested by the owner would naturally follow."

In the opinion of E. J. Russell, a

prominent architect of St. Louis, universal use of quantity survey service will not come about until contractors learn the necessity of charging for estimates regardless of their success in securing the work.

More than 2500 apprentices in nine building trades receive instruction two nights a week in New York under a definite agreement with the Board of Education, employers and the unions. Attendance at the schools is enforced by the unions, which allow a year off the apprenticeship period. The latest addition to the list of trades being taught is plastering. Following is a list of some of the major trades in which instruction is being offered and the enrollment in the various courses: Plasterers, 220; sheet metal workers, 350; carpenters, 1548; cement workers, 49; painters and decorators, 124; electric wiring, 332; bricklayers, 440.

Figures recently compiled by the Citizens Committee to Enforce the Landis Award in Chicago show that the Illinois metropolis has had the most phenomenal building boom ever witnessed by any American city in the three year period since November 15, 1921. During this time building permits amounting to \$760,000,000 have been issued, which amount equals the total for the nine year period previous to November 15, 1921. One of the interesting features of the report is that there has been a constantly increasing number of permits issued for two flat and single dwellings, indicating that there is a well defined movement on in Chicago for home ownership.

During the first six months of 1924 permits were issued in sixty-eight cities of the United States having a population of 100,000 or over for dwellings to house 205,192 families. For the same period last year permits were issued for dwellings to house 197,819 families.

Trend of The Material Market

Through the courtesy of the National Association of Purchasing Agents we reproduce some figures relative to the probable trend of a number of building materials.

	Number of Those Who Believe Price Trend Will Be		Down
	Up	Stationary	
Copper	43	48	6
Linseed oil	13	21	29
Northern hardwoods	10	25	4
Southern	10	25	4
Southern softwoods	12	29	4
Western	20	34	5
Finished steel	31	57	11
Semi finished steel	16	44	9
Glass	2	38	2
Cement	1	38	8

AS OUR NEIGHBOR IN LOS ANGELES SEES US

The Southwest Builder and Contractor, published in Los Angeles, comments on the San Francisco wage scale and business conditions in this district as follows:

"San Francisco Builders' Exchange announces that the standard wage scale in the building trades of that city as fixed for 1924 is substantially the same as that which has prevailed during the greater part of the current year. Living costs were carefully considered in

fixing the scale and attention was also given to the matter of producing steady employment for the worker and encouraging home building. Conditions in the building industry in San Francisco have been apparently stabilized on a satisfactory basis as the volume of construction has steadily increased during the last year, and the outlook, according to those well informed on the situation in the Bay district is very encouraging. Improved conditions in the building industry are reflected in the steady prosperity of San Francisco."

PUBLICATIONS

"Rules for Grading California Pine," the new book of grading rules of the California White and Sugar Pine Manufacturers' Association, is off the press. This book contains the rules that became effective on September 15, and is being distributed to all lumber users who wish to be completely informed on the subject of lumber grading. The former grades and sizes of lumber of this association are well within the minimum standards that have been fixed and in accordance with which this new rule book was compiled. It was, however, necessary to make numerous changes in and additions to the former rules in order to bring them more closely in line with the national program of lumber standardization. Among the important changes and additions are the inclusion of new terms under which re-inspections are made, a number of definitions of defects and blemishes that were adapted, the incorporation of American Lumber Standard sizes for dressed yard lumber, both standard and extra standard, the placing of grades 1 and 2 Clear under factory lumber classification, the addition of a new grade of B Select and Better to the yard grades, and the addition of rules for grading California white fir, California Douglas fir, and California incense cedar. The grading rules for dimension lumber also were made more explicit.

The Appellate Division of the New York Supreme Court has ruled "that the courts have no power to compel membership corporations or voluntary associations to accept an applicant as a member." This decision was the result of a suit brought by an applicant for membership in the International Printing Pressmen's and Assistants' Union against the directors to compel them to issue union card to him after his application was rejected.

"Choosing an Occupation," by Ziegler and Jaquette, is a well written textbook on vocational civics. If used as a public school text book it will help many pupils to choose a vocation. The chapter on the building trades is unusually well written, and the opportunities offered to workers in the building trades are clearly outlined. The volume is published by the John C. Wins-ton Company, Philadelphia.

The Probert Sheet Metal Company, Incorporated, Covington, Kentucky, has issued two new catalogs for architects and engineers. One catalog illustrates and describes kalamein doors and trim and other architectural sheet metal products; the second catalog describes and illustrates the marquette and includes specifications covering construction.

The Conveyors Corporation of America, 326 West Madison St., Chicago, has issued an 8-page bulletin describing the American high duty conveyor designed to handle ashes and cinders from large power plants. Features of the new conveyor are fully described in the new bulletin and are well illustrated with halftones.

"Thawing Frozen Water Pipes with Electric Current," by D. D. Weing and C. F. Bowman, is the title of Bulletin Number 7 of the Engineering Extension Service, Purdue University, Lafayette, Indiana.

CONCRETE PRODUCT SIZES TO BE REDUCED

Acting in conjunction with the Department of Commerce, several organizations such as the American Concrete Institute, the Portland Cement Association, and the Concrete Products Association finally have put through the program for standardization and simplification in the concrete products industry. The result, as soon as all the manufacturers have adopted the provisions of the agreement, will be 4 sizes of concrete blocks, 3 sizes of load bearing tile, 6 sizes of partition tile, and 1 size of concrete brick.

The new sizes will go into effect on June 1, 1925, and will continue in effect 1 year, at which time will be taken up again for correction any sizes that might have been found to be less desirable than some new sizes. The sizes to be proposed to the trade by the department of simplified practices of the Department of Commerce follow:

TABLE 1—CONCRETE BLOCKS			
HEIGHT Inches	TOLERANCE Inches		
7 3/4	Minus 3/8		
7 3/4	Minus 1/2		
7 3/4	Minus 5/8		
7 3/4	Minus 3/4		
WIDTH Inches	TOLERANCE Inches		
6	Minus 1/4		
8	Minus 1/4		
10	Minus 1/4		
12	Minus 1/4		
LENGTH Inches	TOLERANCE Inches		
15 3/4	Minus 3/8		
15 3/4	Minus 1/2		
15 3/4	Minus 5/8		
15 3/4	Minus 3/4		

TABLE 2—CONCRETE BUILDING TILE*

HEIGHT Inches	LOAD BEARING		LENGTH Inches
	WIDTH Inches	HEIGHT Inches	
5	3 3/4	12	
5	8	12	
5	12	12	
PARTITIONS			
3	12	12	
4	12	12	
6	12	12	
8	12	12	
10	12	12	
12	12	12	

*Not more than 3 per cent permissible variation over or under for dimensions covering height, width, or length.

TABLE 3—CONCRETE BRICK

FACE AND COMMON		
HEIGHT Inches	WIDTH Inches	LENGTH Inches
2 1/4	3 3/4	8

S. F. RUNS NINTH IN U. S. BUILDING CONSTRUCTION

Renewed building activity is inevitable now that all political uneasiness is at an end, according to a review by the Indiana Limestone Quarryman's association.

"The anticipated new record for building construction has already been made certain," says the summary of President Thomas J. Vernia. "Contracts for the ten-months' period including preliminary figures for October have a valuation of approximately \$4,200,000, which exceeds any previous record.

"New York's unprecedented volume of building has been nearly three times as large as the huge Chicago program, while Chicago has nearly doubled Detroit's record. Los Angeles has been a close fourth in the 10 month period, with Philadelphia, Cleveland, Baltimore, Boston, San Francisco and Milwaukee, follow in about the order named.

TRADE NOTES

Union Lumber Company of Fort Bragg has filed a complaint with the Railroad Commission against Southern Pacific Company, Northwestern Pacific Railroad Company, and California Western Railroad and Navigation Company, charging defendant with collecting during the years 1921-22 and 23, excessive rates on lumber and lumber products consigned from Fort Bragg to El Verano Lumber Company at El Verano between Santa Rosa and Shellville junction on the line of Southern Pacific Railroad, and asking reparation for the alleged excessive charges.

Adrain Joyce, president of the Glidden Paint Company and interested in the California Zinc Company, is reported to have purchased the Afterthought properties at Ingot, Shasta County, and contemplates mining developments. To handle ore from the Afterthought a flotation plant is to be constructed at Bully Hill with a daily capacity of 300 tons. An 8-mile tram line from the Afterthought to the Bully Mill smelter is to be constructed and ore from the Afterthought concentrated at Bully Hill.

Seattle plant, properties and holdings of the Washington Products Company, 5851 East Marginal Way, Seattle, have been transferred, by sale, to the Schumacher Wall Board Corporation of Los Angeles. The plant, it is said, will continue to manufacture Washington wall board, as heretofore, in addition to Schumacher wall board. The latter product is well known in the California field.

The product of the San Carlos Asbestos Mining Co. at Globe, Ariz., has been contracted to the Asbestos Limited Co. of New York. The monthly output is about 80 tons, packed on mule-back six miles to a road from the mines, which are in the White mountains, 45 miles from Springerville. Two grades are produced, including some long fiber of very high quality, selling up to \$425 a ton.

Following a 30-day shut down the calcining plant of the Sierra Magnesite Company at Porterville has been reopened. The plant was closed down for repairs. Due to a slackening demand for magnesite and kieselstuck products the working force at the mines has been reduced to 35 where ordinarily from 85 to 90 men are employed.

The McGilvray Raymond Granite Co. of San Francisco has filed a complaint with the Railroad Commission against the Southern Pacific Company, asking reparations in the sum of \$188.13, alleged excessive freight rates collected on granite from Hillside to Sacramento.

O. D. Arnold of Visalia, whose planing mill was destroyed by fire Oct. 8, has purchased new equipment and will commence operations at once in a new plant in East Main street, Visalia. The new quarters cover an area of 50 by 75 feet.

Brown-Bevis Company, Inc., 470 E. Third St., Los Angeles, has secured the exclusive agency on the Southern California district for the Haslett spiral chute.

Building News Section

APARTMENTS

Contract Awarded.
APT. & STORE BLDG. Cost, \$22,500
SAN JOSE, N 90 ft. of lots 9, 10, 11
Hayes Subd., San Jose.
Two-story apartment and store bldg.
(4 stores and 6 apartments).
Owner—Michel De Sando, 10th & Santa
Clara Sts., San Jose.
Architect—The Stone Tile Plan Service
Dept., Alameda & Stockton, San
Jose.

Contractor—W. B. Boulter & Dyke
Walton, County of Santa Clara, Cal

Sub Contracts Awarded.
APT. HOUSE Cost, \$140,000
SAN FRANCISCO, Eddy E of Larkin.
Six-story reinforced concrete apart-
ment house (108 rooms, two-room
apartments).

Owner—E. V. Lacey, 180 Jessie St., San
Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco.

Electrical work to Alta Elec. Co., 311
Turk St., San Francisco.

Reinforcing steel to Badt-Falk Co., 74
New Montgomery St., S. F.

Lumber to Sudden & Christenson, 230
Calif. St., San Francisco.

Plastering to J. Greenback, 185 Stev-
enson St., San Francisco.

Millwork to Reinhardt Lumber and
Planing Mill Co., Jerrold & Barne-
veld, San Francisco.

Hardwood floors to Royal Floor Co.,
620 4th St., San Francisco.

Sub Contracts Awarded. Cost, \$55,000.
APARTMENTS
SAN FRANCISCO, SW Van Ness Ave.
and Larch Street.

**Six-story reinforced concrete apart-
ments** (30 apts.)

Owner—J. Greenback, 185 Stevenson
St., San Francisco.

Architect—J. Hladik, Monadnock Bldg.
San Francisco.

Plumbing to E. V. Lacey, 180 Jessie
St., San Francisco.

Millwork to Acme Planing Mill Co.,
1899 Bryant St., San Francisco.

Concrete work to Mission Concrete Co.,
180 Jessie St., S. F.

Sub-figures are being taken on other
portions of the work.

Completing Plans—Figures To Be Tak-
en in a Week.

APT. BLDG. Cost, \$45,000
SACRAMENTO, Cal.

Two-story brick colonial style apt.
bldg. (18 apts.)

Owner—Withheld.
Architect—Jens C. Peterson, Peoples
Bank Bldg., Sacramento.

Plans Being Figured. Cost, \$25,000
APT. BLDG.
SACRAMENTO, Cal.

Three-story brick and stucco Spanish
arch. apt. bldg. (10 apts.)

Owner—Withheld.
Architect—Jens C. Peterson, Peoples
Bank Bldg., Sacramento.

Construction To Be Started Next Week
By Day Labor and Segregated Con-
tracts.

APARTMENTS Cost, \$20,000
SAN FRANCISCO, SW 30th St. and
San Jose Ave.

Two-story frame & stucco apartments
(4 4-room apts.)

Owner—E. V. Lacey, 180 Jessie St.,
San Francisco.

Plans Being Prepared. Cost, \$80,000
APT. BLDG.
SACRAMENTO, Cal.

Three-story brick colonial style apt.
bldg. (32 apts.)

Owner—Withheld.

Architect—Jens C. Peterson, Peoples
Bank Bldg., Sacramento.

Plans Being Prepared.

APARTMENTS Cost, \$—
SAN FRANCISCO, NW Sacramento and
Mason Sts.

Eight-story Class A apartment build-
ing, 106x150, pressed brick and
terra cotta exterior.

Owner—Eugene Fritz.
Architect—E. E. Young, 251 Kearny
St., San Francisco.

To Be Done By Day's Work.

STORE & APT. Cost, \$22,000
SAN RAFAEL, Marin Co., Cal., Shaver
and Fourth Sts.

Two-story frame and stucco store and
apt. bldg., Spanish archt., tile roof.

Owner—A. Christensen, San Rafael.
Architect—Geo. de Colmesnil, De
Young Bldg., S. F.

Contractor—Owner.
Segregated figures will be taken on
electrical work, plumbing, etc.

Contract Awarded.

APARTMENTS Cost, \$40,000
SAN FRANCISCO, Guerrero St. near
Twentieth

Three-story and basement frame and
stucco apartments (7 2 and 4-room
apts.)

Owner—Withheld.
Architect—W. C. Mahoney, 892 Union
St., San Francisco.

Contractor—Maher & Rawls, 579 Mills
Bldg., San Francisco.

Contract Awarded.

APT., STORE BLDG. & GARAGES
OAKLAND, Alameda Co., Cal. NW
cor. High St. & Brookdale Ave.

Apartment and store building and ga-
rages.

Owner—W. A. Stokes, 2812 38th Ave.,
Oakland.

Architect—W. J. Wilkinson, 220 How-
ard Ave., Oakland.

Contractor—Geo. H. Lydicksen, 1616
25th Ave., Oakland.

Material of Merit

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dors, Wal-el-dors.—St. Louis
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Completing Plans—Ready For Figures in Two Weeks.

APARTMENTS Cost, \$250,000
SACRAMENTO, Sacramento Co., Cal.
SE Eleventh and N Sts.

Nine-story reinforced concrete apart-
ment house (48 2 and 3-room apts.)

Owner—Manuel Lewis.
Architect—Geo. C. Selson & Co., Mitau
Bldg., Sacramento.

Plans Completed.

APARTMENTS Cost, \$—
SAN FRANCISCO, N Jackson St., bet.
Laguna and Buchanan Sts., 50x128.

Eight-story Class B apartment house
8 apts. of 7 to 9 rooms. (Italian de-
sign, terra cotta and cement ex-
terior)

Owner—Withheld.
Architect—Samuel L. Hyman and A.
Appleton, 68 Post St., S. F.

Contract Awarded.

STORE BLDG. Cost, \$14,000
OAKLAND, W San Pablo Ave. 50 S 60th
Street.

Two-story 15-room tile apt. and store
building.

Owner—N. Lagario & Bros., 939 3rd
St., Oakland.

Contractor—L. H. Whittaker, La Vista
Apts., Oakland.

Contract Awarded.

APT. BLDG. Cost, \$31,500
OAKLAND, S Perry St. 60 W Grand
Avenue.

Three-story 26-room apt. bldg.
Owner—H. Alexander, 2327 Bush St.,
San Francisco.

Contractor—Jas. L. Rich, 743 Hillgirt
Circle, Oakland.

Completing Plans Ready For Figures In About Ten Days.

APARTMENTS Cost, \$750,000
OAKLAND, Alameda Co., Cal. Facing
Lake Merritt between Alice and
Jackson Sts.

Twelve-story Class A apartment bldg.
(20 apts., 7 rooms each).

Owner—George Jamieson.
Architect—Maury I. Diggs, 19th and
Telegraph Ave., Oakland.

Contract Awarded.

APARTMENTS Cost, \$37,500
SAN FRANCISCO, Geary St. near
Boyce St.

Two-story store and apartment house
building.

Owner—W. B. Hayward.
Architect—Ashley & Evers, 58 Sutter
St., San Francisco.

Contractor—J. F. Sampson, Monadnock
Bldg., San Francisco.

SEATTLE, Washington.—Architect
Henry Bittman, Securities Building,
preparing plans for 3-story and base
masonry, fireproof, 80 by 108 ft., apart-
ments to be erected at Fifth Ave. and
Vine St., for Mrs. Henry Bittman; will
contain 42 suites of 2 and 3 rooms,
est. cost \$160,000.

BONDS

Plans Being Figured—Bids Close Dec.
1, 1924, 7 P. M.

CHURCH Cost, \$55,000
SAN LEANDRO, Alameda Co., Cal. San
Leandro.

Two-story Gothic style frame and
stucco church building.

Owner—First Presbyterian Church,
San Leandro, Cal.

Architect—Rollin S. & Paul V. Tuttle,
363 17th St., Oakland.

Bids are being taken for a general
contract.

FRESNO, Fresno Co., Cal.—Pinedale
School District, Fresno County, will
hold bond election Nov. 21, at which
time it is proposed to vote \$35,000 for
school improvements.

EAGLE ROCK, Los Angeles Co., Cal.—Lindley & Selkirk, 800 American Bk. Bldg., Los Angeles, are preparing sketches for a church at the southeast corner of Colorado Blvd. and Hermosa Ave., Eagle Rock, for the Methodist Church; site is 133x220 ft. No details decided.

TURLOCK, Stanislaus Co., Cal.—The Episcopal Guild with headquarters in the Gotohed Bldg. plans to start construction about March 1 on new church building at Diablo and Marshall Sts.

ATWATER, Merced Co., Cal.—Excavation has been started by day labor on proposed edifice for Church of God; will be frame construction, 28 by 40 feet.

MARYSVILLE, Yuba Co., Cal.—Methodist Church plans early construction of new edifice at 8th and High Sts., est. cost, \$30,000. A contract for the parsonage building has already been let to Daniels & Burroughs, Marysville contractors, at \$5500.

CRESCENT CITY, Del Norte Co., Cal.—Election will be called shortly to vote bonds to finance construction of city hall, library and firehouse.

CHURCHES

PASADENA, Los Angeles Co., Cal.—O. F. Hockins has contract for one-story, mezzanine and basement church building at the corner of Lake Ave. and Woodbury Road, for Westminster Presbyterian Church. Marston, Van Pelt & Maybury, 25 S. Euclid Ave., Pasadena, and 422 Union Oil Bldg., Los Angeles, are the architects; 90x75 ft. frame construction, cement exterior, concrete walls, terra cotta trim, composition and shingle roofing, metal la. steel beams, cement and hardwood floors, wrought and cast iron, fire doors. Cost, \$60,000.

YOSEMITE, Mariposa Co., Cal.—State Federation of Churches proposes to start early construction of new church building at Yosemite. An interdenominational committee, consisting of Rev. A. J. Gunn, Presbyterian, of Modesto, Father Doyle, Catholic, of Merced, and Rev. Hawkins, Episcopal, of Fresno, has been appointed by the State Federation to formulate plans for the new church and to carry them forward with the support and backing of the federation. A structure costing \$75,000 is contemplated, the funds to be raised by visitors to the valley contributing one dollar each.

TORRANCE, L. A. Co., Cal.—J. A. Davidson, care of W. W. Johnston, 1403 Marcelina St., Torrance, will supt. erection of cem. plas. church, 49x52 ft., at Engracia and Arlington, Torrance, for First Christian Church. Plans by De Wight I. Kindig, 451 N. Western Ave., Los Angeles. Comp. rl., art glass.

TAFT, Kern Co., Cal.—Until Dec. 15, 7:30 P. M., bids will be received by J. H. Langston, Secretary, Building Committee, First Baptist Church, to erect new church building. Cert. check 10% payable to First Baptist Church of Taft req. Plans obtainable from Secty., Room 6, Security Bldg., Taft.

GLENDALE, Los Angeles Co., Cal.—Architect Chas. Cressey, 130 S. Brand Blvd., Glendale, is taking bids for new edifice and remodel present building of First Baptist Church at the northwest corner of Wilson Ave. and Louise St., Glendale. Bids to be in December 15 electric wiring; bids for finish hardware, electric fixtures, leaded glass, gas-suitcase heating, decorating, church seats and pipe organ will be taken after general contract awarded. Gen. contract includes reinforced concrete basement and foundation, stuccoed brick walls, cast stone trim, interior wood frame, stucco over Lockhart, clay tile and composition roof, Hy-rib and cement walls; cement, 12 and oak structural steel frame for tower, balcony and roof; sidewalk lights, ornamental balconies, accordion partitions, texture plaster for interior ceilings, paneled plaster for exterior. New structure will provide main auditorium and balcony with 950 seats, with supplemental 250 seats in old building; community hall, women's reception room, parlor and rest room, administration offices and pastor's suite, social hall, 56x44 ft., with annex, service department added to existing kitchen, 18 retiring rooms grouped with bathroom, pool, beginners and nursery department with patio, primary, junior, intermediate and senior departments each with assembly room; tower 33 ft. high for chimneys and ornamental lighting; estimated about \$175,000.

FACTORIES & WAREHOUSES

Completing Plans—Ready for Figures in Three Weeks. Cost, \$35,000
WAREHOUSE
PALO ALTO, Santa Clara Co., Cal.
Four-story reinforced concrete warehouse.
Owner—Withheld.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.

Completing Plans—Ready for Figures in Two Weeks. Cost, \$120,000
BUILDINGS
SACRAMENTO, Sacramento Co., Cal.
16th and North C Sts.
Two one-story reinforced concrete and brick veneer terminal buildings (steel sash and steel rolling doors).
Owner—Sacramento Produce Terminal.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Plans Being Prepared.
LAUNDRY BLDG. Cost, \$—
CHICO, Butte Co., Cal.
One-story reinforced concrete steam laundry building, 60x80.
Owner—French American Laundry, Chico.
Architect—Cole & Brouchoud, Chico.

Plans Complete—Sub-Bids Being Taken
FACTORY BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. NW 30th and Myrtle Sts.
One-story brick and steel factory bldg., 100x100.
Owner—National Elec. Sign Co.
Architect—Contractors The Austin Co. of California, 244 Kearny St., S. F.

Plans Complete—Sub-Bids Being Taken
FACTORY BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal.
Two-story brick and steel frame factory bldg., 80x105.
Owner—Barrow Pringle Co.
Architect & Contractor—The Austin Co. of California, 244 Kearny St., San Francisco.

Sub-Contracts Awarded—Bids Being Taken for Steel Metal.
PRINTING PLANT Cost, \$25,000
SAN FRANCISCO. E. Montgomery St. N Jackson Street.
One-story and basement reinforced concrete printing plant building, 50 x 137 feet.
Owner—Louis R. Lurie.
Lessee—Bankers Printing Company.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Industrial Construction Co., 815 Bryant St., S. F.
Lumber. J. H. McCallum Lumber Co., 18 Bryant St., San Francisco.
Roofing. James Gentry Roofing Co., 150 J. St. St., San Francisco.
Sidewalk Doors. Schrader Iron Works, Inc., 1247 Harrison St., S. F.
Mill Work. Campbell Mill, 750 Bryant St., San Francisco.
Steel Sash. Michel & Pfeiffer Iron Wks., 1415 Harrison St., San Francisco.
Reinforcing Steel. Gunn-Carle Co., 444 Market St., San Francisco.
DUMB Waiters. San Francisco Elevator Co., 860 Folsom St., S. F.
Plastering. Francis J. O'Reilly, 180 Jessie St., San Francisco.
Plumbing. J. J. McLeod, 1246 Golden Gate Ave., San Francisco.
Electric Work. Fred Wilson Co., 520 Valencia St., San Francisco.

SAN BERNARDINO, San Bernardino Co., Cal.—Architect Leonard L. Jones, 603 Grosse Bldg., Los Angeles, has completed plans for a two-story Class A reinforced concrete warehouse at the corner of Rialto and D Sts., San Bernardino, for the Associated Warehouse Co. H. C. Shaw, president, 125x200 ft. concrete exterior, composition roofing, cement floors, steel sash, skylights, loading platform, wire glass. Owner has complete charge of project. Cost approximately \$150,000.

SAN DIEGO, Cal.—Lange & Bergstrom, Washington Bldg., Los Angeles, and Commonwealth Bldg., San Diego, awarded cont. at \$105,000 to construct steel and galy. iron shed, 930 ft. long, plus \$10,300 for cont. bulkhead bldg., 30 ft. long. Theo. F. Snyder, Spreckels Bldg., San Diego, awarded cont. at \$14,375 for steel rolling doors for entire shed and bulkhead bldg.

VISALIA, Tulare Co., Cal.—Construction has been started on \$20,000 annex to plant of Benham Ice Cream Co., at East Main and Clark Sts.; conc. found. with brick walls, 25x70 ft. Total cost, including equipment, \$20,000. L. W. Wilson of Fresno is general manager of the company.

PITTSBURG, Contra Costa Co., Cal.—Tri-Cities Laundry Service, recently incorporated for \$50,000, plans early construction of laundry building. J. M. Burroughs, president of Oakland Towel Co., 976 28th St., Oakland, is president of the company. W. G. Latimer, secretary of the State Laundry Ass'n., is secretary.

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LONG BEACH, L. A. Co., Cal.—Siebert & Hodson, 216 Brookside, have comp'd plans and bids are being taken on 2-story and basement, 21-in brick office and ice cream plant at 3025 E. Anaheim, for Long Beach People's Ice & Cold Storage Co.; 53x111 ft., reinf. conc. brick walls, terra cotta trim, comp'd and tile rfgs., cem., tile and terrazzo fls., plate glass, ornam. iron, steel sash, vault, hydro elec. elevator; conc. loading platform in rear; about \$35,000.

LOS ANGELES, Los Angeles Co., Cal.—Wm. Simpson Constr. Co., 915 Bank —Italy Bldg., has the contract on percentage basis for 12-story Class A reinforced concrete storage warehouse on Highland Ave. near Santa Monica Blvd., for Hollywood Fireproof Storage Co., C. E. Toberman, president. Dimensions, 50x200 ft., metal sash, plate glass, elevators steel rolling doors; \$300,000. Plans are being compiled by Architects Morgan, Walls & Clements, 1121 Van Nuys Bldg.

POMONA, Los Angeles Co., Cal.—Richfield Oil Co., Bartlett Bldg., Los Angeles, will have plans drawn by own engineering department for oil and gasoline storage and distributing plant at Pomona. Work to start withing 90 days; \$75,000.

COMPTON, Los Angeles Co., Cal.—Union Brick Co., 140 E. 14th St., Los Angeles, is having plans drawn by own engineering department and will take bids about Dec. 15th, for 6000-ton reinforced concrete distributing plant on 1-acre site east of S. F. Ry. Construction. Work will involve installation of machinery, in addition to construction of plant.

BANNING, Riverside Co., Cal.—John L. Moore, Banning, has contr. for tank bases, warehouses, pump house and garage here for Standard Oil Co.; 3 19,000-gal. tanks will be erected.

LOS ANGELES, Cal.—Elk Mfg. Co., 5612 S. Main St. has had plans prepared for a 1-story class C factory bldg., in the Central Mfg. dist.; 100x75 ft., brick, press, hr. facing, comp. rfg., wood trusses, steel sash, skylights, cem. fls., Wm. P. Neil, Terminal bldg., Central Mfg. dist., will superintend the constr.

FLATS

Plans Being Prepared — To Be Done By Day's Work.

FLAT BLDG. Cost, \$16,000
SAN FRANCISCO, Divisadero & Union Streets.

Two-story frame and stucco flat bldg. with T & G roof, 2 6-room flats and garages.

Owner—A. Goodman.
Architect—Forster C. Falch, Hearst Bldg., San Francisco.

Contract Awarded. Cost, \$8000 each
FLATS
SAN FRANCISCO, S Lombard 127 152 179 W Steiner.

Two 2-story & basement frame flats 2 flats each.

Owner—Marina Inv. Co.
Architect—A. Franchina, 1666 Lombard San Francisco.
Contractor—G. Palati, 2229 Union St., San Francisco.

Contract Awarded. Cost, \$13,000
FLATS
OAKLAND, Alameda Co., Cal. No. 4122 to 4130 Broadway

Two-story 10-room frame flats and stores.

Owner—J. A. Graham, Savoy Hotel, Los Angeles.

Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland.

Contract to be Awarded Shortly. Cost, \$10,000
STORE, FLATS
SAN FRANCISCO, NW 14th and Guerrero Sts.

Three-story frame store and two flats.

Owner—John Norton.
Architect—Carl Gelfuss, 417 Dewey Blvd., S. F.

Plans completed.
FLATS Cost, \$12,000
SAN FRANCISCO, S Clay St. 112-6 W Walnut St.
Two-story and basement frame (4) flats.
Owner—M. Sheftel & Sons, 3201 Washington St., San Francisco.
Architect—Klaus & Adler.

GARAGES

Contract Awarded. Cost, \$5,500
GARAGE
OAKLAND, Alameda Co., Cal. Broadway near Twenty-fourth St.
One-story brick garage and store.
Owner—A. W. Kiehl, 510 Lake Park Ave., Oakland.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor—Dinnr Constr. Co., 351 12th St., Oakland.

LOS ANGELES, Cal.—Etherton Const Co., rm. 1101, 113 W 9th St., has contr. for 1-story brick garage and stores, 32 cor. Adams and Hill Sts., for E. A. McCarthy; Norenberg & Johnson, 401 L. A. Ry. Bldg., archts; 8 stores and public garage, 100x170 ft., plas. extd. comp. rfg., plate glass, cem. fls., wood trusses, skylights; \$40,000.

GOVERNMENT WORK AND SUPPLIES

FORT MASON, California.—Bids were opened by Constructing Quartermaster, in his office at 11 a. m., November 24, 1924, for the construction of a wooden or steel frame forage shed at the Presidio of Monterey. Bids were taken under advisement.

Wooden Frame
W. F. Sweeney, 410 17th, Pacific Grove, Cal. \$7,975
J. Pringle, San Francisco 8,782
S. H. Hooke, Monterey 8,965
Fred McCrary, Monterey 8,982
D. J. Murphy, Carmel 9,242
Mean Construction Co. 9,299
A. Wegner, Monterey 9,310
R. Chivers 9,900
Grant & Hart 10,298
The Austin Co. 11,186
Steel Superstructure
R. W. Moller, Call Bldg., S. F. 12,443
Truscon Steel Co., S. F. 12,700
The Austin Co., S. F. 12,733
F. R. Siegrist Co., S. F. 12,777

SAN FRANCISCO—Until Dec. 3, 11 a. m. bids will be rec. by U. S. Engineer Office, 55 2nd St. under Order No. 5565-658, to fur. and del. Rio Vista, Solano County, electric supplies. Lists of materials desired obtainable from above office on request.

WASHINGTON, D. C. — Prospective bidders for U. S. Government work follows:

Pearl Harbor, T. H., Bureau of Yards and Docks Specification No. 5003 store-houses and quarters, bids to be opened Dec. 23; John Douglas Co., 821 Union Trust Building, Washington; Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa.; Grinnell Co., 601 Brannan St., San Francisco; The Roundtree & Son, Walker Building, Seattle, Wash.

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Stockton, Calif., Postoffice extension, Supervising Architect, Treasury Department, bids to be opened Dec. 1: John Brannan, 184 Ferry St., Oakland; F. R. Siegrist Co., San Francisco; Oakland Building and Mortgage Co., 206 12th St., Oakland.

San Diego, Calif., passenger elevator installation, San Diego, Bur. Yards & Docks Specification No. 5025, bids to be opened Dec. 3; Pacific Elevator and Equipment Co., 1129 Howard St., San Francisco.

KLAMATH FALLS, Ore.—Following bids rec. by U. S. Bur. of Reclamation: Klamath Falls, for 1725 lin. ft. 30 in. wood stave pipe:

Cascade Pipe and Flume Co., Seattle, Wash., creosoted fir, \$355.
Pacific Pipe and Tank Co., Seattle, Wash., creosoted fir, \$4221.

Federal Pipe and Tank Co., Seattle, Wash., delivery Ballard, Wash., creosoted fir, \$3213.

Continental Pipe Mfg. Co., Seattle, Wash., creosoted fir, \$3382.50.

Redwood Mfg. Co., San Francisco, Calif., points of delivery Pittsburg, Calif., and Pueblo, Colo., redwood, \$5,812.50.

Pacific Pipe and Tank Co., Seattle, Wash., point of delivery Oakland, Cal., redwood, \$4,812.50.

Following bids rec. by Bureau to lay 2265 lin. ft. of 30-in. precast reinforced concrete pipe:

W. D. Miller, Klamath Falls, \$14,968 for making, hauling, and laying the pipe.

The Klamath Concrete Pipe Co., \$15,770 for the same work.

DENVER, Colo. — Following bids rec. by U. S. Bureau of Reclamation, for 1 54-in. smokestack:

Pittsburgh-Des Moines Steel Co., Des Moines, Iowa, \$1992 f. o. b. Des Moines; 45 days.

The Thompson Mfg. Co., Denver, Colo. \$46120 f. o. b. Chicago; 45 days.
Pittsburgh-Des Moines Steel Co., Des Moines, Iowa, \$4796 f. o. b. St. Louis; 30 days.

Omaha Steel Works, Omaha, Nebr., \$2245 f. o. b. Chicago; 45 days.

The J. L. Crismon Mfg. Co., Denver, Colo., \$3800 f. o. b. Kansas City 15 days.

Following bids rec. by Bureau under adv. 4512-A, for repairs to 60-in. balanced valve:

Coast Culvert & Flume Co., Portland, Oreg., A. \$76.56; B. \$92.40; C. \$328.64; D. \$62.

The Thompson Mfg. Co., Denver, Colo., A. \$52.30; B. \$62.70; C. \$322.32.

The R. Hardesty Mfg. Co., Denver, Colo., A. \$63.03; B. \$72.93; C. \$256.88; D. \$56.12.

AMERICAN FALLS, Idaho.—As previously reported, bids to const. American Falls Dam, have been rejected by Secretary of the Interior. New bids will be opened Dec. 20. Following the rejection instructions were issued for the advertising and construction of the dam. The new sealed proposals will be received at the office of the bureau of reclamation at American Falls, Idaho, up to 2 o'clock on this date. The revised specifications provide for about 48,000 cu. yds. of excavation, the placing of 41,000 cu. yds. of concrete together with the placing of approximately 600,000 pounds of reinforced steel, 287,000 pounds structural steel, and 1,700,000 pounds of cast iron gates. Two bids were received at the original opening on October 20, each covering different types of construction one for a high dam to form a reservoir with a capacity of 1,700,000 acre-feet capacity and the other for a low dam with a reservoir, the capacity of which was to be 1,040,000 acre-feet capacity. Their rejection led to the decision to open new bids, confining them to the building of the base of the river section of the dam, the length to be later decided by the district. This change in plans will not delay final completion. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to fur. and del. materials to Navy Yards and Stations, as follows (date for opening bids as noted at close of each paragraph):

- Sched. 2932, Puget Sound, 1000 ft fire hose, Dec. 9.
 Sched. 2933, Mare Island, 9000 lbs. steel lead, Dec. 9.
 Sched. 2934, Mare Island, 1400 lbs. monel metal, Dec. 9.
 Sched. 2938, Mare Island, 3 electric hand drills; Puget Sound, 8 do. and Mare Island, 9 electric grinders, Dec. 9.
 Sched. 2940, eastern and western yards, miscellaneous brass and copper pipe tubing, Dec. 9.
 Sched. 2941, various yards, steel conduit, Dec. 9.
 Sched. 2942, eastern and western yards, steel pipe and tubing, Dec. 9.
 Sched. 2948, Mare Island, 5 valves 4 1/2 ft. pipe, 3 elbows and 1 tee, Dec. 9.
 Sched. 2949, eastern and western yards, floor tiling, Dec. 9.
 Sched. 2957, eastern and western yards, lavatories, water closets, etc., Dec. 16.
 Sched. 2958, eastern and western yards, miscellaneous rubber pump valves, Dec. 9.
 Sched. 2959, eastern and western yards, miscellaneous dry and flashlight batteries, Dec. 9.
 Sched. 2963, eastern and western yards, miscellaneous pneumatic chisel blanks, drills and hammers, Dec. 9.

HALLS AND SOCIETY BUILDINGS

Reinforcing Steel Contract Awarded—Sub-Figures to be Taken in Two Weeks.
CAL HOUSE Cost, \$75,000
BELMONT, San Mateo Co., Cal.
 Two-story and basement frame and stucco club house with asbestos shingle roof and concrete swimming pool 100 feet long.
 Owner—Belmont Country Club.
 Architect—Benj. Schreyer, 105 Montgomery St., San Francisco.
 Contractor—Dawsett-Ruhl Co., 77 O'Farrell St., San Francisco.
 Plans are being completed and contractor will take sub-figures in about two weeks. Reinforcing steel awarded to Bradt-Falk & Co., Cal. Bldg.

Glass Awarded—Sub Bids Being Taken on Plastering Club and STORE BLDG.
OAKLAND, Alameda Co., Cal. Clay St., bet. 12th and 13th Sts.
 Six-story Class A club and store bldg.
 Owner—Athens Athletic Club, Okd. Architect—Wm. Knowles, 1214 Webster St., Oakland.
 Contractor—MacDonald & Kahn, 1916 Broadway, Oakland.
 Glass contract awarded to Tyre Bros., 351 12th Oakland.

LOWER CALIFORNIA—Lower California Field Club, Henry F. Charles, president, 205 Insurance Exchange Bldg., Los Angeles, has started membership campaign preparatory to erection of 500-room adobe clubhouse on 400-acre site 11 miles S. of Tijuana. Lower Calif. Golf course, concr. pier and swimming pool are contemplated.

MONROVIA, Los Angeles Co., Cal.—Monrovia Elks conducting campaign to raise \$75,000 for new lodge building at 211 W. White Oak Ave. Col. R. E. Frith, chairman, building committee. Architect not selected.

PHOENIX, Ariz.—Architects Fitzhugh & Byron, 210 Noll Bldg., have prepared working drawings for recreation building as first unit of new group for local Y. W. C. A. Gymnasium, stage, showers and lockers. Work to start at once.

BAKERSFIELD, Kern Co., Cal.—H. L. Solomon, H. E. Mattson, L. J. Banducci, M. T. Christianson, A. L. Von Langen and Geo. H. Cone, comprise committee appointed by Bakersfield Acric. Fraternal Order of Eagles, to secure estimates of cost for a new lodge building. A proposal has been discussed to have other lodges in the city form a building association whereby a larger structure might be erected to house all societies.

STOCKTON, San Joaquin Co., Cal.—J. A. Allen, 932 N-Sutter St., Stockton, at \$4294 submits low bid to city council to erect clubhouse in Oak Park. Other bids: H. H. Henning, \$4438; H. E. Vickroy, \$5000; Robt. Russell, \$5000. Bids are above estimate. Taken under advisement.

OAKLAND, Alameda Co., Cal.—Bids are being taken by MacDonald & Kahn at their Oakland office, 1916 Broadway, for plastering work for the Athens Athletic Club and store building being erected on Clay street, between 12th and 13th Sts., Oakland. Wm. Knowles, Hearst Bldg., S. E., is the architect. Bids are in, and contract for the glass will be awarded in a few days.

SANTA MONICA, Los Angeles Co., Cal.—A. H. Riness, 1333 3rd St., Santa Monica, will superintend the work for four-story and basement Class C legion building at Santa Monica, for Santa Monica American Legion Post No. 123; William Allen, designer, 1018 Bank of Italy Bldg., Los Angeles; gymnasium, locker rooms, lobby, canteen, banquet hall, kitchen, ballroom, and living apartments; 50x100 ft., brick, tile and composition roofing, pressed brick and tuffa stone facing, cement, maple and oak floors, gas heating, steam, storage water heater, Summerbell trusses, automatic electric elevator, structural steel, ornamental iron, bowling alleys.

SANTA ANA, Orange Co., Cal.—Santa Ana Silver Cord Lodge No. 505, F and A. M., has purchased site, 100x150 feet on N. Main St. for lodge building to be built in about 2 years. D. Eymann Huff, chairman, holding committee.

LOS ANGELES, Cal.—Archts. Elwin P. and Chas. E. Norberg, 704 Union Bank Bldg., have completed preliminary plans for a 2-story and part 3-story class A athletic club building in the south section for the South Los Angeles Athletic Club. Chas. H. Gale, pres., 740 E 6th St. Lloyd Reeves, vice-pres., 777 E Washington St.; gym., swimming pool, auditorium to seat 1800, diningrm., kitchen, etc.; 190x140 ft., reinf. conc. constr., basement, tile and comp. rfg., plas. exterm., cem., pine and hwdv fls., steam hgt. sys.; \$350,000.

LOS ANGELES, Los Angeles Co., Cal.—H. F. Powers & Son, 618 Jewelers Bldg., now under a \$200,000 2-story Masonic Temple building at the corner of Pico Blvd. and Orchard St. for Sunset Lodge No. 352 F. & A. M. J. H. W. Bell, 326 California Bldg.; Robert Kitts, 1537 S. Hoover St., architect; 6 stores and lodge rooms, 100x140 feet, brick, pressed brick facing, structural steel, composition roofing, cement and hardwood floors, pine trim, marble and tile work, gas heating, ventilating system, plate glass. Other bids were: J. F. Kabler, \$112,209; G. Hansen & Son, \$115,487; Louis Geisler, \$122,750; R. H. Whinnery, \$123,800; K. B. Bradley Constr. Co., \$126,000; Warren T. Smith, \$129,985; John Simpson & Co., \$128,236; May & Grimwood, \$133,856; Alfred Nelson, 7% Lockhart & Sons, 10%. Bids taken under advisement.

TUSCON, Ariz.—Morgan McDermott Post of American Legion, Herbert F. Brown, commander, contemplates building clubhouse.

GLENDALE, Los Angeles Co., Cal.—J. H. Randall Co., 1146 Western Ave., Glendale, has completed plans and has secured permit for swimming and dancing clubhouse for Ironclads Swimming and Dancing Club (B. T. Brennan, Mgr.), 423 Glendale Security Bldg.; 2-story, 93x166 ft., brick walls plastered, steel and wood interior framing, steel roof trusses, tile and composition roof, reinforced concrete foundation walls, oak and maple dance floors, pool 50x110 feet, dance hall, 50x100 ft. Cost, \$75,000.

Figures to be Taken Shortly.
CHICO HOUSE Cost, \$7,000
CHICO, Butte Co., Cal.
 One-story golf club house containing lounging, dining room, locker room, etc.
 Owner—Chico Golf Club, Chico.
 Architect—Cole & Brouchoud, Chico.

HOSPITALS

Contract Awarded.
HOSPITAL Cost, \$30,000
TURLOCK, Stanislaus Co., Cal. Crane & Dial, Sls.
 One-story 24-room frame hospital.
 Owner—Dr. J. L. Collins, Turlock, Cal.
 Architect—G. N. Hilburn, Turlock.
 Contractor—Neil & Wirtner, Turlock.
 Plumbing contract awarded to Ed. W. H.

CULVER CITY, L. A. Co., Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., Los Angeles, has contract for synagogue bldg. and hospital bldg., Vista Del Mar, near Culver City, for the Jewish Orange Home of Southern Calif.; S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., Los Angeles, archts.; synagogue will seat 250, 1-story, 40 by 60 ft.; hospital will have 6 beds, 1-sto., 23x70 ft., br. walls, tile and comp. rfg., cem. and hwdv. fls., gas hgt., pine trim; there is also a fr. and plas. 1-story garage, 20x40 ft., and a 2-story frame and plas. bldg. alter. into laundry.

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LOS ANGELES, Cal.—Until 2 p. m., Dec. 15, bids will be rec. by L. A. county for "improvements to municipal bldgs. Nos. 29. L. A. General Hospital, Plans and specifications on file at county engineer's dept., 100th St., Hall of Records. Sewerage bldgs. will be rec. on (1) work (2) plans, steam bldg. (3) plans, electric light bldg. (4) plans or bldg. (5) plans." See spec. check or bldg. 100.

EUREKA, Humboldt Co., Cal.—Following bids taken under advisement by architect: to furnish equipment for hospital. Word on county hospital.

F. A. Hamilton, one American Sterilizer Company Fig. A-511 20x24x30 in. steam operated utensil sterilizer, \$257. 1 American Sterilizer Company's Fig. B-1345 30x20x24 in. steam operated dish sterilizer with hydraulic lifts, \$333; one J. E. Clow & Sons Fig. P-3042 steam operated combination carving table, plate warmer and gas heated hot plate and broiler, \$355; if without hot plate and broiler, \$300; one American Sterilizer Company's Fig. A-1000 30x12x24 in. steam operated rectangular two-door radial arm disinfecter, \$2587, and one Toledo Cooker Company's Fig. T-2, 3-heat electrically operated portable 2-burner hot plate \$240.00.

Charles A. Mills, 1 Castle Sterilizer utensil for disposal room \$2217, size 20 in. x 24 in. x 20 in. with hydraulic lifting device for raising and lowering the cover and tray, to be heated by steam, \$217 f. o. b. Rochester, N. Y. and 1 Castle dish sterilizer for dirty kitchen, exactly as described above, \$217 f. o. b. Rochester, N. Y.

Mark-Lally Co., 120 in. x 24 in. x 30 in. "Climax" utensil sterilizer No. 2220-SA as described \$260 each net; 20 in. x 24 in. x 30 in. "Climax" utensil sterilizer No. 2220-SA as described \$240 each net; 1 36-in. x 42-in. x 84-in. "Climax" disinfecter No. 2297-S as described \$2280 each net.

The Knv-Sheerer Corporation of America, 1 utensil sterilizer, dimensions 30x21x20 in. equipped for steam heat, \$33.75; 1 dish sterilizer, 30x21x20 in. equipped for steam heat, \$185.75, and 1 steam disinfecter, rectangular type, dimensions 36-in. wide 42-in. high 84-in. long, \$1622.85.

SAN FRANCISCO—Ginton Construction Co., 923 Potrero St., general contractors on the Relief Home Buildings for the City and County of San Francisco, has awarded the following sub-contracts in connection with the work: Furring, lathing and plastering to A. Knowles; structural steel to Balfour Iron Works; architectural terra cotta to N. Clark & Sons; millwork to Anderson Planning Mill; reinforcing to Edw. L. Soule Co.

HOTELS

Contract to Be Awarded.
ADDITION. Cost, \$49,215
PASO ROBLES, San Luis Obispo Co., Cal. (Hotel Taylor).
Three-story steel, brick and reinforced concrete hotel addition.
Owner—A. I. Smith, Taylor Hotel, Paso Robles, Cal.
Architect—Miller & Warnocke, 1404 Franklin St., Oakland.
Contractor—Anton Johnson, Nord Bldg., Los Angeles.

SANTA BARBARA, Santa Barbara Co., Cal.—Mrs. Wm. Norman Campbell will act as chairman in campaign to raise \$150,000 for woman's hotel on Anacapa St. in connection with Recreation Center. Tentative plans provide about 100 rooms.

HUNTINGTON BEACH, Orange Co., Cal.—Ben Denslow and Mrs. Evelyn Chaddeek, San Diego, contemplate erecting a three-story brick store and hotel building at the northwest corner of Main and Walnut Sts., Huntington Beach.

SANTA BARBARA, Santa Barbara Co., Cal.—Gus A. Berg and Frank Miratti, Faulding Hotel organization, contemplate building 5-story 100-rm. hotel near Santa Barbara. Cost, \$100,000.

ICE AND COLD STORAGE PLANTS

Sub-Contracts Awarded.
COLD STORAGE PLANT \$140,000
SAN FRANCISCO, Montgomery and Lombard Streets.
Six-story brick and steel cold storage plant.
Owner—Merchants Ice & Cold Storage Company.
Engineer—W. Torignio, Mills Bldg., San Francisco.
Contractor—Harold Larsen, Monadnock Bldg., San Francisco.
Plumbing—C. Petersen Co., 390 6th St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Painting—R. Zelinsky, 693 Mission St., San Francisco.

VISALIA, Tulare Co., Cal.—Benham Ice Cream Co., E. W. Stewart, local manager, has started work on brick addition, 25x70 ft., to plant at E. Main and Clark Sts. Large refrigerating machine will be installed.

POWER PLANTS

LOS ANGELES, Cal.—Arch. H. M. Danfield, 514 Bryson Bldg., is preparing working plans for a 4-story and half-basement class C hotel and apartment bldg. on W. 5th St. near Bixel St. for Dr. G. Morton, A. C. Miller, Detweiler Bldg., will be the contractor. Dimensions, 40 ft. x 100 ft. 67 baths, brick construction, press. br. facing, comp. rfg., reinf. conc. balconies, fire escapes, pine and gum trim, pine and oak flrs., comp. baths, wall beds, gas radi., elevator and provision for second elevator, incinerator, structural steel; \$130,000.

WENATCHEE, Wash.—Puget Sound Light and Power Co. will expend \$75,000 to enlarge generating plant at Dryden, near Wenatchee, increasing capacity from 1600 to 3100 h.p.; new pen stock and additional generating equipment will be installed.

LOS ANGELES, Cal.—Jones-Thorne & Co., Inc., awarded cont. by bd. pub. wks. for 125,000 lbs. No. 10 B & S gauge, triple braid, weatherproof copper wire at \$20 per cwt. and 126,000 lbs. No. 12 B & S gauge, triple braid, weatherproof copper wire, at \$22.50 per cwt.; total bid, \$53,350. Credit of \$15 per reel; 1/2 of 1% disc.

TOMBSTONE, Ariz.—City council has appointed a committee to make a survey of power needs for the city.

OLYMPIA, Wash.—Until Dec. 1, bids will be rec. by W. J. Hayes, director of States Department of Business Control, Olympia, to install one horizontal Corliss type engine, direct connected to 75 KVA generator at Veterans' home at Rettil, Wash. Spec. obtainable from above office.

LOS ANGELES, Cal.—Gould Storage Battery Co. of Calif. awarded cont. by bd. pub. wks. at \$5110 for 204 cells storage battery for 300 ampere hr. capacity, with electrolyte, and 50 cells of storage battery of 180 ampere hr. per capacity, with electrolyte.

Ideal Elec. & Mfg. Co., 451 E 3rd St., awarded cont. at \$2037 for three motor generator sets.

Allis-Chalmers Mfg. Co., Title Ins. Bldg., awarded cont. at \$1010 for one gasoline engine driven generator.

PUBLIC BUILDINGS

Plans Being Completed.
FIREHOUSE, ETC. Cost, \$20,000
WATSONVILLE, Santa Cruz Co., Cal. New firehouse and city hall alterations.
Owner—City of Watsonville, M. M. Swisher, City Clerk.
Architect—Wyckoff & White, Growers Bldg., San Jose.

Contemplated.
MUSEUM BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. 19th & Alice Sts.

Two-story reinforced concrete museum. Owner—Corporation consisting of Arthur H. Breed, Geo. Jamieson, Henry Snow, Norman De Vaux et al. Architect—Maurry I. Diggs, Oakland Bank Bldg., Oakland.

If the deal goes ahead the building will be erected and purchased by yearly rental by the City of Oakland to house the wild animal collection of Mr. Snow.

EUREKA, Humboldt Co., Cal.—As previously reported, bids will be rec. up to Dec. 9, 2 P. M. by Fred M. Kay, county clerk, to paint county jail and county hospital buildings. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—General contract for the construction of one-story frame and stucco firehouse to be erected on Virginia St., W. H. Ratcliff Jr., Mercantile Bank Bldg., Berkeley, architect, was awarded to David Nordstrom, 4146 Emerald St., Oakland, at \$9787; alternate \$9350.



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PHOENIX, Ariz.—Frank Luke Jr., Post of American Legion, Dr. W. O. Sweek, commander, contemplates building civic auditorium at 364 N. 7th Ave. Cost, \$100,000.

LOS ANGELES, Los Angeles Co., Cal. Bids received by Board of Public Works Nov. 29, for steel call work under spec. 1031, for use at police sub-station near Exposition Park were:

Brombacher Iron Works, \$8465; alternate for welding in place of caulking horizontal bars at intersection, add \$500.

Fries & Son Steel Constr. & Engr. Co. Inc., \$6539, alt. \$1150.

Jackson Iron Works, \$5100, alt. \$5250

Willis B. Kyle, \$5923 alternate only.

Pauly Jail Bldg. Co., \$7357.

Van Dorn Iron Works Co., \$6907, alt. \$6809.

Bids of L. A. Iron Works not declared; not signed.

LODI, San Joaquin Co., Cal.—City trustees have made final payment on site on which it is proposed to erect new city hall. A fund of \$10,000 annually will be set aside for the structure.

RESIDENCES

Plans Being Figured.

RESIDENCE Cost, \$45,000
PIEDMONT, Alameda Co., Cal. Sea Cliff Avenue.

Two-story frame and stucco residence of Italian architecture with terra cotta tile roof (9 rooms).

Owner—Withheld.
Architect—C. W. McCall, Alameda Co. Title & Ins. Bldg., Oakland.

Completing Plans—Figures to be Taken in Ten Days.

RESIDENCE Cost, \$10,000
SANTA CLARA Co., Cal. 4th St., San Jose

Two-story and basement frame and stucco residence and garage.

Owner—Withheld.
Architect—Benj. Schreyer, 105 Montgomery St., San Francisco.

Contract Awarded.
BUNGALOW, ETC. Cost, \$12,240

SAN JOSE, E Side So. 4th St., San Jose

Four 3-room frame bungalow, porch and outbuilding adjoining each & 2-story bungalow.

Owner—Sarah H. Trowbridge, 177 So. 8th St., San Jose.

Contractor—C. I. Carlson, 4 Menker, San Jose.

Plans Being Figured. Cost, \$12,000

PALO ALTO, Santa Clara Co., Cal. Stanford University Campus.

Two-story and basement frame and stucco residence and garage with composition roof.

Owner—Dr. W. M. Proctor.

Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.

To be Done by Day's Work.

DWELLINGS Cost, \$3000 each

SAN FRANCISCO. W. Ellington and S. Mt. Vernon Streets.

Fourteen 1-story and basement frame dwellings.

Owner—Fred Braun, 501 Valencia St., San Francisco.

Architect—None.

Plans Complete—Bids to be Called For Shortly.

RESIDENCE Cost, \$25,000

BERKELEY, Alameda Co., Cal., Tamalpais Road.

Two-story frame and stucco residence and garage with tile roof.

Owner—Withheld.

Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.

Contract Awarded.

RESIDENCE Cost, \$10,000

SAN FRANCISCO. W. San Buenaventura & St. Francis Blvd.

Two-story and basement frame residence.

Owner—Westgate Park Co., 278 Post St., San Francisco.

Architect—Masten & Hurd, 278 Post St., San Francisco.

Contractor—J. Prout, 616 Magellan Av., San Francisco.

To Be Done By Day's Work.

DWELLINGS Cost, \$3000 each

SAN FRANCISCO. W. Tara 26 to 271 N. Geneva and NW corner.

12 1-story and basement frame dwellings.

Owner—C. S. Allred, 159 Liberty St., San Francisco.

Contract Awarded.

DWELLINGS (4) Cost, \$3000 ea.

SAN FRANCISCO. Anza & 39th Ave.

Four 1-story and basement frame dwellings.

Owner—E. Torres, % Contractor.

Architect—None.

Contractor—Meyer Bros., 1 Montgomery St., S. F.

Contract Awarded.

DWELLING Cost, \$9000

SAN FRANCISCO. W. Fout Ave 42 NW Twin Peaks Blvd.

Two-story and basement frame dwg.

Owner—R. T. Joslin.

Architect—A. A. Cantin, 68 Post St., San Francisco.

Contractor—Elliott & Grant, 180 Jessie St., San Francisco.

SAN FRANCISCO, Cal.—Ed. S. Newman of Greenbaum, Well & Michels,

740 Mission St., San Francisco, has purchased property situated at the northwest corner of Jackson and Maple Sts.

and intends to have a large residence, in about a year. No architect has yet been selected.

Sub-Contracts Awarded.

RESIDENCE Cost, \$10,000

RICHMOND, Contra Costa Co.

Two-story and stucco residence (7 rm. and separates).

Owner—Allen Brown.

Architect—Frederick H. Reimers, Tribune Tower, Oakland.

Millwork—Tilden Lumber Co., 1519 Nevin, Richmond.

Lumber—Central Box & Lumber Co., 2329 Blanding Ave., Alameda.

Other sub-contracts will be reported shortly.

BEVERLY HILLS, Los Angeles Co., Cal.—Dunlap & Crosby have completed plans for two-story and basement,

9-room Mission type residence in Beverly Hills for E. P. Dentzel; 60x30 ft.,

frame and stucco composition roofing, hardwood floors, hardwood trim, 2 tile

baths, tile mantel and drainboards, wrought iron, unit system heating,

automatic water heater; day work by owner. Cost, \$18,000.

LOS ANGELES, Cal.—Weston L. Hawk, 215 Laughlin Bldg., has compl.

plans and bids have been taken for 2-story, 12 rm. residence at 266 Roosevelt

Rd., for Carter Mullaly, Pac. S. W. Bank Bldg.; 76x64 ft., fr. and stucco,

hollow tile walls, art stone trim, comp. and tile fig., hdwd. fls. and trim, tile

unit sys. htg., aut. water htr.; \$33,000.



SANDY BOUGHT a turkey.

FOR A family dinner.

ON THANKSGIVING.

AT SANDY'S home.

IN BEAUTIFUL Westwood Park.

WHERE SANDY is "Mayor."

OF SAN Francisco's wonderful sub-division.

AND THE turkey.

WAS SURELY raised.

NEAR LINCOLN, Oroville.

MARYSVILLE OR Willows.

FOR SANDY found.

IN THE turkey's craw.

AND GIZZARD.

ALMOST (MORE or less) a ton.

OF SANDY'S concrete sand.

OUT OF the Yuba River.

AT MARYSVILLE.

SANDY PRATT, producer.

OF CLEAN, sharp sand.

AND HARD crushed rock.

PAID \$920.00 per ton.

FOR SANDY'S wonderful sand.

THAT HE probably sold.

AND WHICH brought.

AT THE original sale.

ONLY \$1.00 per ton.

SO THE folks in town.

SOMETIMES GET trimmed.

BY THE boys.

ON THE farms.

BUT SANDY Pratt, President.

OF THE Pratt Building Material Co.

OF SACRAMENTO, Marysville.

PRATTROCK (NEAR Folsom).

AND PRATTCO (Monterey County).

IS THANKFUL.

THAT B. A. Turkeygrower.

DID NOT feed his turkeys.

WITH "PRATTROCK" crushed rock.

FROM SANDY'S \$250,000 plant.

AT PRATTROCK (near Folsom).



Sandy Pratt, president of the Pratt Building Material Co. and producer of crushed rock, washed gravel, clean sand and rock screenings, buys a turkey with the craw and gizzard full of Pratt's Marysville sand.

MARYSVILLE, Yuba Co., Cal.—Dandies and Burroughs, Marysville, at \$25,000 have contract to erect frame parsonage at 5th and High Sts. for Methodist Church.

LOS ANGELES, Los Angeles Co., Cal.—J. H. White and Bob Wedde, 338 N. Alexandria Ave., will build eight two-story 10-room, 2-family dwellings, each 24x48 ft., 3 garages, and move dwellings at 2277 E. Benson Ave. for A. T. Morrison, 5935 Chula Vista Way. Comp. roofs, oak floors, tiled baths and drainboards, gas radiators. Cost, \$41,629.

SCHOOLS

Contract Awarded.
SHOP BLDG., ETC. Cost, \$44,750
LODI, San Joaquin Co., Cal.
One-story brick and steel shop building; alter present shop building into gymnasium and alterations to present gymnasium.
Owner—Lodi Union High School Dist. Architect—Wright & Satterlee, Bank of Italy Bldg., Stockton.
Contractors—Shannon & Shannon, Peoples Bank Bldg., Sacramento.
In order to keep within the budget allowance for the new building and alteration, it was found necessary to eliminate some of the remodeling work in the girls' gymnasium.

Preliminary Plans Being Prepared.
SCHOOLS Cost, \$200,000
SEBASTOPOL, Sonoma Co., Cal. Analy Union High School District.
Group of reinforced concrete high school buildings.
Owner—San Francisco High School Dist. Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bond election will be held soon.

Completing Working Drawings—Bids to be called for the End of Dec.
GYMNASIUM Cost, \$450,000
(100-unit of \$1,000,000, situated at Berkeley, Alameda Co., Cal. University Campus.
Three-story reinforced concrete and terra cotta women's gymnasium (Mrs. Joseph Hearst Memorial).
Owner—Regents of the University of California (Donation by Wm. R. Hearst).
Architect—Bernard R. Maybeck and Miss Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Plans call for a structure of three connecting units.

Foundation Bids Opened—Bids to be Taken in About Ten Days for General Contract.
CHURCH Cost, \$90,000
SACRAMENTO, SE 21st St. and J St. Concrete frame & brick veneer church with tile roof.
Owner—Grace Methodist Episcopal Church.
Architect—Woollett & Lamb, Mull Bldg., Sacramento.
Foundation Bids
Fred Betz, 1831 Q St., Sacramento. \$5668
Frederickson & Shannon, Sac. 6713
Geo. Hudnutt, Sacramento 7291
J. E. Lunn, Sacramento 7525
Holdener Constr. Co., Sac. 8249
Wm. Murcell, Sacramento 8367

LOS ANGELES, Los Angeles Co., Cal.—Rolland H. Holbrook, 6509 Hollywood Blvd., is preparing working plans for 17-room Marianna Ave. school on Marianna Ave. and Palm Ave. for Los Angeles Board of Education. Old Italian style, ruffle brick base, common brick upper, variegated granada tile roofing, art stone entrance, Moorish tile trimmings, ornamental iron, hardwood floors, pine trim, reinforced concrete corridor and stair construction, metal lath and plaster.

SAN FRANCISCO—Until Dec. 8, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. 3014 steel lockers for School Department. Spec. obtainable from above office.

SAN JACINTO, Riverside Co., Cal.—San Jacinto and Hemet school dists. favor building union high school and erecting new school midway bet. the 2 towns.

ROSEVILLE, Placer Co., Cal.—The following bids were received and opened November 19th, 1924 at 8 p. m. at the office and by the board of trustees of the Roseville Elementary School District, for the construction of a one-story reinforced concrete elementary school building, planned by Archt. Norman R. Coulter, 46 Kearny St., San Francisco. Bids were for (1) concrete and frame; (2) concrete; (3) heating; (4) metal windows (add). Bids were taken under advisement.
Chas. Mabrey, Ochsenr Bldg., Sacramento, 90 days: (1) \$31,429; (2) \$32,550; (3) \$28,611; (4) \$222 deduct.
W. H. Robinson, Sacramento, (1) \$31,833; (2) \$36,614; (3) \$3000; (4) \$248
Joe Plasecki, San Francisco, 120 days; (1) \$32,710; (2) \$34,650; (3) \$2700; (4) \$1550.
Frederickson & Shannon, Sacramento; 90 days: (1) \$32,985; (2) \$36,367; (3) \$2861.60; (4) \$1750.
Peter Jensen, Sacramento, 95 days: (1) \$33,287; (2) \$35,752; (3) \$2388; (4) \$900.
W. D. Henderson, San Francisco, 120 days: (1) \$33,974; (2) \$38,793; (3) \$—; (4) \$71—\$1550.
Myrl R. Crane, San Francisco, 100 days; (1) \$39,570; (2) \$41,980; (3) \$—; (4) \$2140.
Separate bids submitted for heating were:
Knittle-Cashel, San Francisco....\$2746
Luppon & Hawley, Sacramento, 30 days 2847
Latourrette, Cl. Bldg., Sacramento.... 2861.50
Gilley-Schmidt, San Francisco.... 2973
American Eng. Co. 2990

SAN JOSE, Santa Clara Co., Cal.—Bids were opened November 20, 1924 at 5 P. M. by W. L. Bachrodt, Secretary of the Board of Education, City of San Jose for heating and ventilating system at the new Woodrow Wilson Junior High School Bldg., (formerly "Grant Street" school) now being erected according to plans and specifications prepared by W. H. Weeks, 369 Pine St., San Francisco and Binder & Curtis, Associated Architects, San Jose, or at the office of the Secretary of the Board of Education, High School Bldg., San Jose.
The Heating contract was awarded to W. H. Picard, 351 12th St., Oakland, at \$30,334.
Other bids were P. J. Enright, San Francisco, \$30,750; Wm. & J. Bays, Oakland, \$30,884; Ideal Heating Co., S. F.; \$32,000; W. K. Nottingham, Oakland, \$32,616.

PALMDALE, Los Angeles Co., Cal.—Bids received by Board of Trustees of Palmdale School District were rejected and new bids will be advertised for about 2 weeks. A. C. Zimmerman, architect and H. W. Michael, associate, 836 H. W. Helman Bldg., Los Angeles.

RENO, Nevada—Until Dec. 3, 4:30 P. M. bids will be received by Theo. W. Clark, Reno School District No. 10, to furnish and lay maple flooring in high school gymnasium. Plans obtainable from office of Supt. of School, High School Bldg., Reno.

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Experts in Curing Smoky Flues and in Ventilating

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LOS ANGELES, Los Angeles Co., Cal.—Architects Witmer & Watson, 419 Bank of Italy Bldg., have completed working plans for two-story grammar school addition to Vine St. school site, for Board of Education. Two wings one with 12-classrooms and other with auditorium to seat about 300; brick and plaster, basement, tile roofing, maple floors, steam heating, pine trim, slate black boards. Cost, \$105,000.

PASADENA, Los Angeles Co., Cal.—H. W. Baum Co., 505 Kerkhoff Bldg., Los Angeles, awarded general contract at \$195,924 for new buildings at John Marshall Jr. high school site at Pasadena. John C. Austin and F. M. Ashley, 1119 Detwiler Bldg., Los Angeles, architects. Other awards were: W. E. Creller on plumbing at \$13,970; J. J. Meskill on heating and ventilating at \$23,945; American Electric Constr. Co. on wiring at \$12,715.20. The work will include a one-story industrial arts building and a two-story and basement science building, containing 20 classrooms and auditorium; reinforced concrete construction, stucco exterior, clay tile roofing, cast stone entrance.

BELL, Los Angeles Co., Cal.—Willard-Brent Co., 254 E. 27th St., Los Angeles, was awarded general contract at \$175,576 for Bell unit of Huntington Park union high school. Other contracts were awarded as follows: Plumbing to F. A. Zorn at \$14,900; heating to Penberton Heating & Ventilating Co., at \$23,980; painting to A. Quandt & Sons at \$368; cabinet work and equipment to Bishop Furniture Mfg. Co. at \$6032 and \$11,806 respectively. Train & Williams, 226 Western Mutual Life Bldg., are the architects.

INGLEWOOD, Los Angeles Co., Cal.—Architect Norman F. Marsh, 211 Broadway Central Bldg., San Francisco, is commissioned to prepare plans for new grad. schools at Inglewood under the recent bond issue of \$175,000. A new building will be erected on Kelso St. and an additional building at Midway Heights site. Probably brick construction.

BANKS, STORES & OFFICES

Contract Awarded.
STORES, ETC. Cost, \$15,000
BURLINGAME, San Mateo Co., Cal. Howard Street.
One-story reinforced concrete and hollow tile building (2) stores and (2) shops.
Owner—Withheld.
Architect—Kuhn & Edwards, Commercial Bldg., San Francisco.
Contractor—L. Dioguardi, 323 Highland Ave., San Mateo.

Owner Taking Estimates.
BUILDING Cost, \$75,000
STOCKTON, San Joaquin Co., Cal. E. California St., bet. Miner Ave. and Channel Street.
Two-story and mezzanine floor steel, brick and terra cotta furniture store building.
Owner—L. F. Stein, 33 S-El Dorado St., Stockton.
Lessee—Chas. E. Pike Furniture Co. Architect—Peter L. Sala, Exchange Bldg., Stockton.

Contract Awarded.
STORE BLDG. Cost, \$13,000
SAN FRANCISCO, N Commercial St. 90-3 E Kearny St.
Three-story and basement reinforced concrete and stone building.
Owner—Lee Doo.
Architect—Erle J. Osborne, Balboa Bldg., San Francisco.
Contractor—J. J. Saurio, 1849 Chestnut St., San Francisco.

Contract Awarded.
STORES Cost, \$10,343
SAN JOSE, Santa Clara Co., Cal. Santa Clara St., bet. 2nd and 3rd Sts.
Two-story brick stores and loft building (2 stores).
Owner—E. Fox, 40 N-Fourth St., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Z. O. Field & Son, 76 W. San Antonio St., San Jose.

Plans Being Figured.
STORE BLDG. Cost, \$7,000
CHICO, Butte Co., Cal.
One-story brick, concrete foundation,
Carey roofing store building.
Owner—Withheld.
Architect—Cole & Brouchoud, Chico.

Plans Being Prepared.
OFFICE BLDG. Cost, \$50,000
OAKLAND, Alameda Co., Cal. Grand
and Santa Clara Aves.
Three-story Class C hollow tile store
and office building (9 stores and
26 offices).
Owner—Withheld.
Architect—Clay N. Burrell, American
Bank Bldg., Oakland.

Contract Awarded.
OFFICE BLDG. Cost, \$15,000
SAN FRANCISCO. E Battery 29-10 S
Clay Street.
Two-story Class C office and store
building.
Owner—Albert F. Knorp, Hobart Bldg.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.
Contractor—Moller & De Luca, 185
Stevenson St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, \$30,000
SAN FRANCISCO. Market St. (west
end of).
One-story reinforced concrete or brick
store building.
Owner—Withheld.
Architect—Vernon W. Houghton, 275
Post St., San Francisco.
Plans will be ready for figures in
about three weeks.

Plans Being Prepared.
STORE BLDG. Cost, \$30,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete or brick
store building.
Owner—Withheld.
Architect—Vernon W. Houghton, 275
Post St., San Francisco.
Plans will be ready for figures in
about three weeks.

Plans Being Figured.
STORE BLDG. Cost, \$13,000
SAN FRANCISCO. N Commercial St.,
bet. Kearny and Montgomery Sts.
Three-story and basement reinforced
concrete loft and store building.
Owner—Withheld.
Architect—Erle J. Osborne, Balboa
Bldg., San Francisco.

Contract Awarded.
STORE Cost, \$75,000 Approx.
STOCKTON, San Joaquin Co., Cal. No.
423 E-Weber St.
Five-story and mezzanine concrete,
steel and brick furniture store; 2
passenger elevators, brick exterior.
Owner—W. J. Horan, 410-18 E-Main
St., Stockton.
Architect—E. M. Cooney, 1st National
Bank Bldg., Stockton.
Contractor—J. F. Shepherd, 303 First
National Bank Bldg., Stockton.

Plans Complete.
BUILDING Cost, \$75,000
STOCKTON, San Joaquin Co., Cal. E
California St. bet. Miner Ave. and
Channel Street.
Two-story and mezz. floor steel brick
and terra cotta furniture store
building.
Lessee—Chas. E. Pike Furniture Co.
Owner—I. F. Stein, 33 S El Dorado,
Stockton.
Architect—Peter L. Sella, Exchange
Bldg., Stockton, Cal.

Segregated Figures Being Taken.
STORE & OFFICE Cost, \$40,000
OAKLAND, Alameda Co., Cal., Webster
St. near 15th.
Two-story and mezz. class C concrete
frame tile curtain wall store and
office bldg.
Owner—Hugo Muller, 119 Mesa St.,
Oakland.

Contract for excavating awarded to
Atlas Knapp, 861 41st St., Oakland.
Bids are being taken for all other
portions of the work. A \$20,000 addi-
tion to the building is contemplated
shortly.

Contract Awarded.
BUILDING Cost, \$12,500
OAKLAND, Alameda Co., Cal. 1015
Franklin St.
Two-story reinforced concrete store
and loft building.
Owner—Edward M. Jones, 2701 68th
Ave., Oakland.
Architect—None.
Contractor & Designer—R. W. Little-
field, 357 12th St., Oakland.

Bids Opened.
STORE BLDG. Cost, \$12,000
MARTINEZ, Contra Costa Co., Cal.,
Main and Las Juntas streets.
One-story brick store building, 37x100.
Owner—M. R. Jones, Balfour Bldg., San
Francisco.
Architect—James T. Narbett, 910 Mac-
donald Ave., Richmond.
Bids for general contract were
opened Nov. 21, 1924, at 4:30 p. m. in
Mr. Narbett's office, and were taken
under advisement.
F. W. Maurice, 1236 E-25th, Oak-
land \$9,373
Murch-Williams Constr. Co., Oak-
land 9,333
S. S. Mendenhall, Martinez 9,247
Geo. Bitcon, Martinez 10,560

Contract Awarded—Sub-Figures Being
Taken.
OFFICE BLDG. Cost, \$35,000
SAN FRANCISCO. Ocean Avenue and
Watson Street.
One-story reinforced concrete branch
Post Office building.
Owner—Louis R. Lurie Co.
Architect—O'Brien Bros., 315 Mont-
gomery St., San Francisco.
Lessee—United States Government.
Contractor—Industrial Concrete Co., 815
Bryant St., San Francisco.
Sub-figures are being taken for re-
inforcing steel, terrazzo work, marble,
steel sash, roofing, sheet metal work,
glass, vault doors and plastering.

Carpentry and Ornamental Iron Bids
Being Taken.
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO. N Post street 160-10
W Powell St.
Ten-story and basement Class A of-
fice and loft building.

Disrael said: "Confidence is a
plant of slow growth." The con-
fidence which architects, con-
tractors, and owners everywhere
have in Quandt-quality painting
and decorating service has been
established through the strictest
adherence to the highest stand-
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to achieve the best result and
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will fulfill all your requirements.

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SAN FRANCISCO
LOS ANGELES

Owner—Selah Chamberlain, Mills Bldg
San Francisco.
Architect—Baldwell & Brown, 251
Kearny St., San Francisco.
Other contracts previously awarded
are: Furnishing terra cotta to Glad-
ding McBean Co., Crocker Bldg., S. F.
Brick work and setting tile to Reed &
Reed, 130 Jessie St., S. F. Concrete
work to H. L. Peterson, Lick Bldg., S.
F. Electrical work to Standard Elec.
Co., 80 Natoma St. and structural steel
to Calif. Steel Co., Hobart Bldg., S. F.

GARAVANZA, L. A. Co., Cal.—Llewel-
lyn Iron Works awarded cont. at \$35,-
500 for structural steel for Garfield
telephone substation at Garvanza for
So. Cal. Telephone Co. John Parkin-
son and Donald B. Parkinson, 420
Title Insurance Bldg., archts. Three-
story and basement, designed for 7
stories; steel frame, brick and con-
crete construction, press, br. and terra cotta
facing, elevator, marble and tile work,
steel sash.



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Makes the Sash Self-adjusting.
No Hinges or Adjusters Are Re-
quired.

It is Non-rattling.
All Hardware is Entirely Con-
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No Special Sash or Frame Detail
Required.

One Size Hardware Fits All Sash.
May Be Installed to Swing to
Right or Left.

Easily Fitted to Old or New Sash.
Outside of Sash Easily Washed
From Inside of Room.

WHITCO HARDWARE takes the
place of both hinges and ad-
justers.



Each set is packed in a neat
carton 8 inches long and 1 inch
square, which contains full in-
structions.

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Builders' Hardware

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DEALERS IN BUILDING UTENSILES
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trial, Retail, Wholesale, Business, Profes-
sional, and Social.

99% Guaranteed by refund of 5¢ each

ROSS-Gould Co. 315 N. St. Louis

Contract Awarded.—**Cost, \$100,000.**
BERKELEY, Alameda Co., Cal.—**Plans**—**Wm. Smith Lumber Co., Oakland.**
Owner—Wm. Smith Lumber Co., Oakland.
Architect—H. L. Peterson, 35 Montgomery St., San Francisco.
Contractor—Lawson & Vosey, 252 Call Bldg., S. F.
 A change may be made in the size of building as the plans are being considered, subject to the approval of the city of Berkeley.

TRANQUILITY, Fresno Co., Cal.—**Until Dec. 2, 10 a. m.** bids will be received by R. C. McFarland, sec'y., Tranquility Irrigation District, First National Bank Bldg., Tranquility, to erect one story office building. Cert. check 10% payable to dist. req. Plans obtainable from secretary.

LOS ANGELES, Los Angeles Co., Cal.—**Architect—Walker & Eisen, 701 Great Republic Life Bldg.,** have been commissioned to prepare plans for 12-story and basement Class A store and office building at the southwest corner of 9th and Broadway for Los Angeles Investment Co. This building will occupy half the property and will be the first unit of a building to cover entire site. Dimensions, 65x135 feet, stores in 1st story, 275 offices, reinforced concrete frame and floors, terra cotta and pressed brick facing, plate glass, marble and tile work, hardwood trim, 5 elevators, steam heating. Cost, \$600,000.

SANTA BARBARA, Santa Barbara Co., Cal.—**J. Y. Parker, Lausen and Paterna Sts.,** will build two-story masonry building, 180x116 feet, on lower State St., for Mrs. Hattie G. Stockton, Montecito. 22 stores. Cost, \$100,000.

SAN DIEGO, San Diego Co., Cal.—**Architects—John and Donald B. Parkinson, 420 Title Insurance Bldg.,** Los Angeles, have prepared plans for a 13-story and basement Class A bank, store and office building on Broadway between 6th and 7th Sts., San Diego, for John D. Spreckels. Dimensions, 200x100 ft., 1st story will have wide column spacing of 45-ft. spans, 30 ft. high; 4 offices on each floor; 13th story of concrete construction with tile roofing, tower 230 feet high; building will be steel frame construction, terra cotta and stone facing, pl. gl., marble and tile work, hardwood trim, steam heating, 1 freight and 6 passenger elevators. Cost, \$2,250,000. Actual construction will be started in 3 months. Bids have been taken on structural steel, terra cotta, stone and elevators.

LOS ANGELES, Cal.—**Archit. W. J. Saunders, 227 Laichlin Bldg.,** is taking bids for 7-story and basement class A reinf. conc. store and loft bldg. on Los Angeles St., bet. 5th and 6th Sts., for Army and Navy Store. Dimen. 82.5x130 ft., stucco ext., plate glass, steel sash, comp. rfg., steel rolling drs., gas rads., 3 elevators; \$175,000.

LOS ANGELES, Cal.—**Macdonald & Kahn, Spring Arcade Bldg.,** awarded general contract for all work complete on 5-story office building, 50x125 ft., on Vermont Ave. near Sunset Blvd. for So. Cal. Telephone Co. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., archts. Three-story and basement, 73x140 ft., designed for 5 stories, steel frame, brick filler walls, reinf. conc. flrs., press. br. and terra cotta facing, steel sash, elevator, steam heating.

OCEANSIDE, San Diego Co., Cal.—**Archit. A. Godfrey Bailey, 410 Hillstreet Bldg.,** Los Angeles, is preparing working plans for a 1-story and part 2-sto. brick bank at Oceanside, for the First Natl. Bank; banking space with offices above; 50x125 ft., basement, art stone facing, comp. rfg., cem., pine and terrazzo fls., plate glass, oil burn. steam htg., plate glass, art skylights, tile and marble wk., mahogany trim, bronze grille, metal store fronts, wood trusses, reinf. conc. vaults, vault doors, safety vaults.

BAKERSFIELD, Kern Co., Cal.—**Architect A. Godfrey Bailey, 410 Hillstreet Bldg.,** Los Angeles, is preparing plans for a 1-story brick bank at Bakersfield for Bakersfield Tr. & Sav. Bk.; banking space, 50x100 ft., terra cotta facing, plate glass, metal store fronts, comp. rfg., terrazzo and cem. fls., gas fuel furnace htg., wood trusses, art skylights, pine and mahogany trim, basement, tile and marble wk., bronze wk., burglar alarm, reinf. conc. vaults.

LOS ANGELES, Cal.—**Pacific Meter Works of American Meter Co., M. K. Miller, Jr., mgr., 2185 Atlantic St.,** will build 2-story office and light mfg. bldg. 50x139 ft. at 2118 Atlantic St. Plans by Roy W. Fedin; R. L. Shoemaker, engr. Reinf. conc. walls, fls. and stairs, cem. plas. ext., comp. rfg., plate glass, hol. tile part, met. lath, steel rolling drs., steel toilet part., gas rads.; \$25,000.

SANTA BARBARA, Santa Barbara Co., Cal.—**J. Y. Parker, Lausen and Paterna Sts.,** will build two-story masonry building, 180x116 feet on lower State St. for Mrs. Hattie G. Stockton, Montecito; 22 stores. Cost, \$100,000.

THEATRES

Steel Contract Awarded—Sub-bids Being Taken on Other Portions of Work.

THEATRE—**Cost, \$69,550.**
SAN FRANCISCO. N Jackson St. 107-11 W Kearny St.
Class A theatre building.
Owner—Ying Wee Lun Hop Theatrical Co., 801 Grant Ave., S. F.
Architect—N. W. Mohr, 320 California St., San Francisco.
Contractor—H. L. Peterson, 35 Montgomery St., San Francisco.

As previously reported the steel contract was awarded to Western Iron Works, 141 Beale St., San Francisco.

Plans Being Prepared—New Location Selected.
THEATRE—**Cost, \$90,000.**
BERKELEY, Alameda Co., Cal.—**Thousand Oaks District.**
Class A theatre building (approx. 1250 seats).
Owner—M. Blumenfeld.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
 The former site was at 19th Ave. and 1st Ark Blvd. in Oakland.

HUNTINGTON PARK, L. A. Co., Cal.—**Lindley & Selkirk, 800 Americana Bank Bldg.,** Los Angeles, are completing working plans and will take bids soon for a 2-story theatre, store and apt. bldg. on S Pacific Blvd., Huntington Park, for West Coast Theatres, 643 S Olive St., Los Angeles; seating capacity of 1600 with balcony, 8 stores and several single apts; 114x150 ft., reinf. conc. press. br. facing, comp. rfg., plate glass, basement, vent. sys., cem. tile and hardwood fls., pine trim, marble wk., gas htg., tiled baths and drainboards, wall beds, orn. iron; \$150,000.

LOS ANGELES, Los Angeles Co., Cal.—**Architect Richard D. King, 519 Van Nuy Bldg.,** is preparing plans for a two-story theatre and store building on Vermont Ave. south of Beverly Blvd., for Chotiner Theatres, Inc.; seat about 900, 2 stores; reinforced concrete construction, composition roofing, pressed brick and terra cotta facing, plate glass, cement, pine and hardwood floors, marble work, gas heating, ventilating heating. Cost, \$150,000.

WHARVES AND DOCKS

Labor Contract Award.—**Cost, \$18,000.**
WHARF
OAKLAND, Alameda Co., Cal., Oakland Waterfront.
 500-ft. creosoted pile wharf.
Owner—Wm. Smith Lumber Co., Engineer—Wm. R. Ball, 2910 Telegraph Ave., Oakland.
 Contract for labor was awarded to Mervy & Elwell, Foot 11th Ave., Oakland. Owner will provide piles. The above figure is estimate for material and labor cost.

MISCELLANEOUS SUPPLIES

MIAMI, Ariz.—**Miami Copper Co., F. W. MacLennan, general manager,** will start work soon on improvements to mine and plant to cost about \$1,000,000.

RIVERSIDE, Riverside Co., Cal.—**Until 10 A. M., Dec. 8,** bids will be received by county supervisors for equip. building, 60x30 ft., at county yard, Thermal. Plans and specifications on file with county superintendent of roads. D. G. Clayton, clerk.



MILL WORK

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National Mill & Lumber Co.

We are glad to place at your disposal, without obligation, the services of a corps of skilled estimators, with wide experience in figuring general millwork, cabinet work and detail work of all kinds. Behind them is an organization offering virtually unlimited selection of materials. We believe their assistance will be genuinely helpful to you.

312 Market Street
 San Francisco

High St. & Tidewater Ave.
 Oakland



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

WESTERN SAFETY MANUFACTURING CO., Inc.

Manufacturers of

ENCLOSED EXTERNALLY OPERATED SAFETY SWITCHES, KNIFE SWITCHES, METAL SWITCH AND CUT-OUT BOXES, SAFETY SWITCH BOARDS

247 MINNA STREET

Phone Sutter 3008

SAN FRANCISCO

RR DEPOT—Plans Being Completed
Sacramento Co., Cal.
from 3rd to 5th St. on North I.

Three-story steel, reinforced concrete and brick Union R.R. Depot with tile and T & G roof, on cross-tied pile foundation, 370x128.

owner, Southern Pacific Co., 65 Market St., San Francisco.
Architect—Buss & Fawcett, Balboa Bldg San Francisco.

The drawing of 300 piles 70 ft. long has been started by the owner. There will be a large waiting room with a dome in the center; lunch room, storage rooms, etc. on first floor, ladies rest room and offices of the Division Supt. and Engineer etc. There will be 8 passenger train tracks.

INGOT, Shasta Co., Cal. — Adrian Joyce, president of the Glidden Paint Co. and interested in the California Zinc Co. at Bully Hill, is reported to have obtained possession of the Afterthought property at Ingot, where it is planned to construct a flotation with a daily capacity of 300 tons. An 8-mi. tram line from Afterthought to the Bully Hill smelter is to be constructed.

OCEAN PARK, L. A. Co., Cal.—G. M. Jones, 1st Natl. Bk. Bldg., Ocean Park, has had plans drawn by J. F. Perrine for store and concession bldg. and 20-ft reinf. conc. sea wall at Ashland Ave. and Ocean Front, Ocean Park.

LOS ANGELES, Cal.—Until 10 a. m. Dec. 8, bids will be rec. by bd. pub. wks. for one 75 h.p. Scotch Marine boiler. Spec. on file at office city engr., 405 s city hall annex.

SONORA, Tuolumne Co., Cal.—Robert Scudamore, Sonora, has contract to construct concrete swimming pool 40 by 15 ft., for L. H. Schrader; 2½ to 5 ft. in depth.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Re-

quests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the index Number of each opportunity.

8713—Osaka, Japan. Well-established firm of Importers and exporters wish to secure the agency from San Francisco manufacturers and are particularly interested in machine tools.

8719—San Antonio, Texas. Planing mill desires to purchase several carloads of one-inch Philippine mahogany.

8720—San Francisco, Cal. Proprietor or Hamburg export house is in San Francisco and desires to locate firms who may be interested in receiving patronage in doing business relations in German cement.

8721—Paris, France. Importers of electrical machinery desires to purchase portable electrical drills.

8722—Papeari, Tahiti. Party desires to purchase a small hydraulic ram and requests catalog with prices.

8724—Mexico, D. F. Firm desires to represent San Francisco exporters in Mexico and act as purchasing agent in that territory for such commodities as mahogany, cedar, lead, tungsten, Molybdenum, etc.

D-1410—Cary, Ohio. Lime and stone company desires agent with established distributor or manufacturers' agent for building supplies to handle their products.

D-1411—Detroit, Mich. Manufacturers of self-printing registers want San Francisco sales representative.

D-1412—Chicago. Manufacturers' sales agents want to get in touch with manufacturers' representatives handling automobile accessories for the distribution of a wooden transmission lining for Ford cars. Brokerage basis.

D-1413—San Francisco. Experienced manufacturers' representative with desirable electrical and hardware trade acquaintance in California, Oregon and Washington desires connection with concern contemplating sales activity in that territory.

8735—Patras, Greece. Importer wishes to communicate with manufacturers of raisin cleaning machines.

8741—Vancouver, B. C. Established firm of manufacturers' representatives desire to communicate with San Francisco concerns wishing to extend their market to Vancouver and vicinity.

D-1416—San Francisco. Manufacturer of household appliance offers liberal proposition to live sales agent.

PROTECTING CONCRETE FLOORS

Hardening the surface, thereby insuring it against disintegration, should be a regular operation in the construction of every concrete floor. Wooden buildings must be painted every so often that their surfaces may be protected from the decaying effects of the elements. This holds true with concrete floors as well. They are not complete unless painted with a preservative that enables them to withstand the wear and tear to which they are subjected.

It is a poor policy to sweep dollars out of doors via the disintegrated concrete floor route, when at a slightly increased initial cost the floor would retain its original strength.—Exchange

POSITION WORKS MANAGER

Young man seeks opening with manufacturer of sheet metal or light structural steel products, or a standard product, heating and ventilating systems, building material, etc. Able organizer of plant and employees, shop and cost systems, improver of products, member American Society Mechanical Engineers, best of reference. Possible future financial investment.

Address to Engineer, 1920 East 17th St., Oakland, Calif.

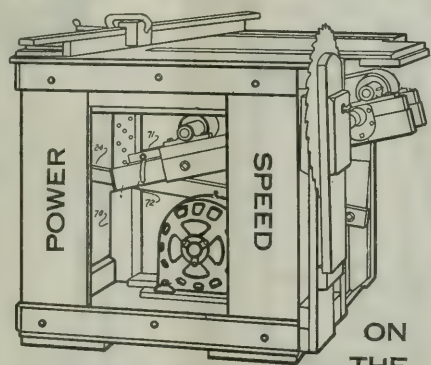
TRADE MARK

JOHNSON

RIPSAWING CUT-OFF MACHINE

FAST

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COUNTERPOISED

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POWER

SPEED

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JOHNSON SAFETY SAW WORKS

SAN FRANCISCO, CALIFORNIA

20 STILLMAN ST.

1924



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American Red Cross
Serves Humanity**

Official Proposals

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on December 22, 1924, at which time they will be publicly opened and read, for construction, in accordance with specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Los Angeles County, a walk on the bridge across the Rio Hondo, near Los Angeles (VII-LA.-2-D), 480 feet long composed of wood and structural steel.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer at the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated November 24, 1924.

NOTICE TO BIDDERS

(Merced Irrigation District—Booster Pumps)

Notice is hereby given that sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District in the Barcroft Building, Merced, California, until Tuesday, December 16, 1924, at 2 o'clock P. M., for the furnishing of four Booster pumps needed in the construction of the irrigation system of the Merced Irrigation District.

Specifications for said pumps can be seen at the office of said Board, and copies thereof will be furnished upon application to the Secretary of the said Board.

Said Board will be in session at its office at 1 o'clock P. M. on Tuesday, December 16, 1924, and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidders may submit bids upon any or all of the pumps required.

Each proposal must be accompanied by a certified check for five per cent of the amount of the bid, payable to the order of the Merced Irrigation

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

District, as a guarantee that the bidder will if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid conditioned for the faithful performance of said contract, said bonds to be subject to the approval of said Board.

The proposal must be marked to indicate that it is a proposal for Booster Pumps for the Merced Irrigation District, and should be addressed to the Board of Directors of Merced Irrigation District, Merced, California.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District adopted November 18th, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of Merced Irrigation District.

NOTICE TO CONTRACTORS

(Humboldt County—Painting)

Notice is hereby given that sealed bids will be received by the Board of Supervisors of Humboldt County, California, at the office of the Clerk of said Board, at the Court House, in the City of Eureka, said county and state, until Tuesday, December 9th, 1924, at two o'clock p. m., for painting the County Jail and the County Library buildings in Eureka, in accordance with the specifications hereof now on file in the office of said clerk. Each bid must be accompanied by cash or certified check for five per cent of the amount of the bid as a guarantee of good faith and the Board reserves the right to reject any or all bids.

FRED M. KAY,
Clerk of said Board of Supervisors.

NOTICE TO CONTRACTORS

(American Falls Dam)

Department of the Interior, Bureau of Reclamation, Washington, D. C., November 12.—Sealed proposals will be received at the office of the bureau of Reclamation, Washington, D. C., November 12.—Sealed proposals will be received at the office of the bureau of Reclamation, American Falls, Idaho, until 2 o'clock p. m. December 20 and will at that hour be opened for the construction of the foundation in the river section of the American Falls dam. The

principal items involved are about 48,000 cu yds of excavation and 41,000 cu yds of concrete, together with the placing of approximately 600,000 lbs of reinforcing steel, 237,000 lbs of structural steel and 1,700,000 lbs of cast iron gates, etc. For particulars address the bureau of reclamation, Denver, Colo.; American Falls, Idaho, or Washington, D. C. ELWOOD MEAD, commissioner.

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p.m. on December 15, 1924, at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Shasta County, between Halfway Creek and Colusa, (XII-LA.-2-D), about ten and eight-tenths (10.8) miles in length, to be graded and surfaced with crushed gravel or stone.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

NOTICE TO CONTRACTORS

Storehouse and Quarters, Pearl Harbor

Sealed bids are wanted until 11 A. M., December 23, by the office of the Chief of the Bureau of Yards and Docks, Navy Department, Washington, under Spec. 5003, for storehouse and quarters at the naval operating base (hospital) Pearl Harbor, T. H. The work includes plain and reinforced concrete, brick, hollow tile, steel and iron, steel sash, asbestos shingle and built up roofing, metal covered doors, rolling steel doors, lathing and plastering, stucco, wood framing, doors, sash, trim and flooring, electric freight elevator and speckler, plumbing and electric lighting system, deposit of \$10 required for plans and specifications.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

VENTURA, Cal.—Until 11 a. m., Dec. 6, bids will be rec. by supervisors to const. 3 timber bridges across Revillon Slough in 6th and 7th Rd. Dist. They are: bridge No. 1 at Barclay Rd., 97.5 ft. long and 18 ft. wide; bridge No. 2, at Wood Rd., 58.5 ft. long and 20 ft. wide; bridge No. 3, at Laguna Rd., 53.5 ft. long and 18 ft. wide.

LOS ANGELES COUNTY, Calif.—Until Dec. 22, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. walk on bridge across the Rio Hondo, near Los Angeles; 480 ft. long, composed of wood and structural steel. R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

SEATTLE, Wash.—L. Romano, 123 Third Ave., So. Seattle, at (a) \$175,987 and (b) \$193,607 submitted low bid to Bd. Pub. Wks. to const. approaches to 12th Ave. south bridge. Next low was Pacific Const. and Timber Co., (a) \$187,951; (b) \$192,201. (a) providing for keeping the bridge proper closed to traffic during the 80-day construction period, (b) for keeping the structure closed for two 10-day periods only.

MERCED, Merced Co., Cal.—Davis-Heller-Pearce Co., Delta Bldg., Stockton, at \$210,080.40 awarded cont. by Merced Irrigation District for conc. work in connection with the bridges on relocation of Yosemite R.R. project. The engineers reported that a second lowest bid could be made up of the bids of Adell-Cortwright on bridges Nos. 1 and 2, Davis-Heller-Pearce on Nos. 3 and 4, and Carlston Brothers on 4 and 5, at a total price of \$232,006.55, and a third lowest of the Adell-Cortwright bid on 1 and 2, Merced Concrete Pipe Company on 3 and 4, and Carlston Brothers on 4 and 5, at a total cost of \$231,346.61. Bids on steel work are still under advisement.

HANFORD, Kings Co., Cal.—Adell-Cortwright, Hanford, at \$1111 (Eng. est. \$1102) awarded cont. by supervisors to const. rein. conc. bridge on Riverbend highway (Rd. No. 714), involv. 39.23 cu. yds. conc., 2500 lbs. square deformed reinforcing steel.

VISALIA, Tulare Co., Cal.—Frank C. Twaddle, Tulare, at \$1446 awarded cont. by supervisors to const. rein. conc. bridge over Mill Creek, involv. 114.49 cu. yds. A conc. \$10.75; (b) 16.30 cu. yds. B conc. \$13.25; all materials to be furnished by county f. o. b. Visalia. Other bidders were: A. W. Hunt, Visalia, (a) \$16.50; (b) \$19.80; C. R. Budry, Porterville, (a) \$14.50; (b) \$14.50; \$1895.16. Archie DaMant, Sanger, (a) \$15.15; (b) \$14.15; \$1980.10. Earl Bowen, Strathmore, (a) \$15; (b) \$12; \$1911.55. J. P. Sphenader, Bakersfield, (a) \$15; (b) \$20; \$2042.05. L. C. Clark, Visalia, (a) \$12.95; (b) \$22.50; \$1843.33. Engineer's estimate, (a) \$16.50; (b) \$16.50; \$2156.58.

WILLOWS, Glenn Co., Cal.—Supervisors plan early construction of two bridges over Glenn-Colusa Irrigation District canal, one at south end of town and another near the cemetery. Bayard Knock is county surveyor.

EUREKA, Humboldt Co., Cal.—Until Dec. 2, 5 p. m., bids will be rec. by A. Walter Kildale, city clerk, to const. timber trestle bridge over Gulch at junction of Harris St. and Harrison Ave., city limits. Cert. check 10% payable to city reg. Plans on file in office of clerk. Harry H. Hannah, city engr.

PORTLAND, Ore.—Multnomah County Commissioners will ask bids at once to be opened January 7, to const. Sellwood bridge; steel const; est. cost \$400,000.

VENICE, Cal.—Plans for reinf. conc. girder bridge on Leona St across Grand Canal have been approved by County Bridge Engr. R. H. Armstrong. The completed street will connect Washington Blvd. with the beach, and will provide a 100-ft. street with a 78-ft. rdwy. H. D. Chapman, city engr.

REDWOOD CITY, San Mateo Co., Cal.—County Supervisors grant new franchise to John Lyle Harrington, Kansas City engineer, to const. toll bridge across Dumbarton Strait at lower end of San Francisco Bay; previous contract granted Harrington on March 22, 1923, has expired. New franchise is to take care of certain changes in law governing the financing of toll bridges. Bridge would be 5500 ft. in length, 24 ft. wide; est. cost \$2,000,000.

MERCED, Merced Co., Cal.—Following low bids received by Merced Irrigation District to const. conc. abutments and piers; designing, fabrication and erection of steel superstructure; and placing of timber floors for five steel bridges on the relocation line of the Yosemite Valley r.r. betw. Merced Falls, Merced County and Detwiler, Mariposa county. The estimated quantities of materials are:

Schedule A—unclassified excavation; 27,820 cu. yds. mixing and placing conc. 22,625 lbs. fur. and place reinforcement.

Schedule B—design, furnish and fabricate approx. 7,207,100 lbs. steel work. Schedule C—erect 7,207,100 lbs. steel work and place timber floors.

Construct 5 bridges — Davis-Heller-Pearce Co., Delta Bldg., Stockton, \$210,080.

Steel work (fur. & fab.) — Virginia Bridge & Iron Co., Metropolitan Theatre Bldg., Los Angeles, \$0466 per pound.

Complete list of bids will be published shortly. Bids taken under advisement.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Until 2 p. m., Dec. 1, bids will be rec. by supervisors to dredge 1600 ft. of river diversion channel located upon Lower East San Gabriel or new river. Plans on file at office of city clerk. Work to be done for flood control dept. Mame B. Beatty, clerk.

Carbide Flare Lights
OxyAcetylene Equipment
Goggles—Respirators
First Aid Supplies

Carried in stock

E. D. BULLARD

505 HOWARD STREET

San Francisco, Calif.

Douglas 6820

MT. VERNON, Wash.—Seattle Dredging & Constr. Co., Alaska Bldg., Seattle, at \$540,000 awarded cont. by District No. 22 Skagit County, to const. 8 mi. dike, bids opened by Geo. A. Sewell, secretary of district. The project involv. 4,000,000 cu. yds. of earth work. R. H. Bailey, eng. for dist., Mutual Life Bldg., Seattle.

VENTURA, Cal.—Until 11 a. m., Dec. 6, bids will be rec. by supervisors for earth work on approx. 16,000 ft. of the Buhanan Rd., beginning at S. P. Ry. Sta. Tico and running w across Ventura river and s to Santa Ana Rd.; also for const. of culv. Work involves 15,000 yds. excav., 15,000 ft. B. M. creosoted lbr. in culv. Plans on file at office of County Surveyor Chas. W. Pettit. Cert. check 10%. L. E. Hollowell, clerk.

IRRIGATION PROJECTS

MANTECA, San Joaquin Co., Cal.—River Rock and Gravel Co., Stockton, bidding \$140 a ton awarded cont. by South San Joaquin Irrigation district to fur. approx. 5000 tons concrete mix.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council declares inten. to install ornam. lights in 16th St., bet. Hoover and Berendo Sts.; 50 conc. posts; Bronson Ave. and Norton Ave., bet. Clinton St. and Beverly Blvd.; 37 conc. posts.

LONG BEACH, Cal.—Until 9:30 a. m., Dec. 2, bids will be rec. for ornam. lights in Seaside Blvd., bet. Pine Ave. lot 23, blk. N, Ocean Pier Tr. Spec. on file at office of City Engr. R. D. Van Alstine. H. C. Waughop, city clerk.

LOS ANGELES, Cal.—Newberry Elec. Corp., 726 S. Olive St., awarded cont. at \$8715 for ornam. lights in Irving Blvd., bet. Melrose Ave. and First St.

LOS ANGELES, Cal.—Council declares inten. to install ornam. lights under 1911 act as follows:
Bronson Ave., bet. Franklin Ave. and Hollywood Blvd.; 10 pressed steel posts.

Highland Ave., bet. Cahuenga Ave. and Santa Monica Blvd.; 143 pressed steel posts.

Beachwood Dr., bet. Melrose Ave. and First St.; 34 conc. posts; also 19 conc. posts in Gower St., bet. First St. and Rosewood Ave.; (Beachwood Dr. and Gower St. Lighting Dist.)

LOS ANGELES, Cal.—Council declares inten. to install ornam. lights in:
Sixth St., bet. Vermont Ave. and 139 ft. w. of Gramercy Pl.; 106 cast iron posts.

Norton Ave., bet. Third St. and Wilshire Blvd.; 2 conc. posts.

Gardner St., Sierra Bonita Ave., Curson Ave. and Stanley Ave., bet. Wiloughby and Melrose Aves; 55 conc. posts.

Highland Ave., bet. Third and Wilshire Blvd.; 40 conc. posts.

MACHINERY AND EQUIPMENT

LOS ANGELES, Cal.—Until 3 p. m., Dec. 2, bids will be rec. by pub. serv. comm., 267 S. Broadway, for one elec. operated traveling crane. Bids may be subm. on five alternative proposals. Spec. 736-A. Jas. P. Vroman, secy.

RAILROADS

CLACKAMAS COUNTY, Ore.—Jas. F. Clarkson & Co., Concord Bldg., Portland, Ore., awarded cont. by Eastern and Western Lumber Co., Ft. of N-21st St., Portland, to const. 21-mi. of standard gauge r. in Clackamas County for transportation of logs to Portland Mill. Contract includes grading, bridging, track laying and ballasting. F. H. Ransom is general manager for the lumber company.

SEATTLE, Wash.—Until Dec. 5, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to improve railway cable (for James St.), 9250 ft. in length, 13/16-in. dia. Spec. obtainable from above.

FIRE ALARM SYSTEMS

STOCKTON, San Joaquin Co., Cal.—Gamewell Co., 939 Larkin St., San Francisco, at \$134,492 submits low bid to council to install police and fire alarm systems for which bonds were recently voted. Bids taken under advisement.

SEATTLE, Wash.—Until Dec. 5, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, 231 County-City Bldg., to fur. 35 or more Succession type fire alarm boxes; 20 only Sector type fire alarm boxes; price f. o. b. Seattle.

FIRE EQUIPMENT

POMONA, Cal.—Fire Chief J. O. Sheehman recommends purchase of rubberized sheets for dept's use in protecting stock of goods in stores from water damage.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 2 p. m., Nov. 28, bids will be rec. by harbor comm., 316 Byrne Bldg., for explosives; spec. 663 on file at office of harbor engr., berth 90, San Pedro.

BUREKA, Humboldt Co., Cal.—Until Dec. 2, bids will be rec. by John Griffith, City Supt. of Public Works, to fur. 40,000 lbs. standard sulphate of aluminum to contain not less than 17% per cent. A. L. 205 aluminum oxide and not more than 1/2 of one per cent iron, in bags of 250 lbs. each, paper lined, f. o. b. docks, San Francisco; delivery to be made about Dec. 28.

RESERVOIRS AND DAMS

SAN FRANCISCO—Mortimer Fleishacker, president of Great Western Power Co., 530 Bush St., announces early construction is planned for \$2,000,000 dam on Feather river; will have capacity of 1,300,000 ac. ft. The Great Western is now negotiating for proposed merger of its company with the San Joaquin Valley Light & Power Company. Offices of the latter concern are located in Stockton.

MERCED, Merced Co., Cal.—An injunction suit seeking to restrain the Merced Irrigation District from building the Exchequer dam, thus impounding waters of the Merced river, has been filed in the superior court at Merced, by seven plaintiffs, representing the Merced and Oakdale Irrigation Districts. Snelling, who desire the work stopped until their riparian rights are established. A. L. Cowell, attorney for the Merced Irrigation District, states that the suit will not halt construction of the dam.

ST. HELENS, Ore.—Until Dec. 3, 7:30 P. M., bids will be rec. by J. B. Beeler, clerk of Municipal Water Board, to const. 2,000,000-gal. reservoir, settling basin, etc., Conc. settling basin, 130,000-gals. capacity; rim of reservoir will be 284 ft. above river level and bottom 252 ft. above river elevation; conc. const. Cert. check 10% payable to Board of City Commissioners reg. Plans obtainable from Floyd W. Allen, engineer, 521 Railway Exchange Bldg., Portland, on deposit of \$15; \$10 returnable.

AMERICAN FALLS, Idaho—See "Government Work and Supplies," this issue.

PIPE LINES, WELLS, ETC.

HAWTHORNE, Cal.—Samuel Gerson, 549 Mission Rd., Los Angeles, sub. low bid to city at \$14,308.55 for work compl. for 10,000 ft. 6-in., 3000 ft. 4-in. riv. steel pipe and 2808 ft. 2-in. std. screw pipe, valves, fittings, connections, etc. C. P. Harnish, 1112 Hollingsworth Bldg., Los Angeles, engr. Other bids: D. M. Stanley, \$16,266.01; Hartley-Lamp Constr. Co., \$17,111.00; Th. Haverly Co., \$18,023.95; L. D. Loomis, \$21,783.87.

LOS ANGELES, Cal.—Until 2 p. m., Dec. 5, bids will be rec. by L. A. county flood control dist. for core and test drilling for the testing of the underlying formation for dam site in Big Tujunga Wash. Spec. on file at office flood control engr.

LOS ANGELES, Cal.—Until 3 p. m., Nov. 25, bids will be rec. by pub. serv. comm., 207 S Broadway, for (1) 23,840 ft. 12-in. gauge, and (2) 1320 ft. 14-in. No. 10 gauge, riv. sheet steel pipe f. o. b. bidder's works. Spec. 734-B. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 p. m., Nov. 28, bids will be rec. by pub. serv. comm., 207 S Broadway, for std. dipped bell and spigot c. l. water pipe, 12-ft. lengths, f. o. b. cars Lankershim, as follows: 7165 pcs. 4-in. class "B" 3085 pcs. 4-in. class C, 5665 pcs. 6-in. class B, 2415 pcs. 6-in. class C, 3415 pcs. 8-in. class B, 1960 pcs. 8-in. class C. Alternative bids will also be considered on De Lavand centrif. cast iron pipe of class 250 or equal. Spec. 734-C. Jas. P. Vroman, secretary.

WOODLAND, Polo Co., Cal.—Until Dec. 6, 5 p. m., bids will be rec. by J. H. Laugenour, city clerk, to drill well, 16-in. dia., 250 ft. deep. Cert. check 10% payable to city reg. Spec. on file in office of clerk.

SEATTLE, Wash.—Until Nov. 28, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to excavate trench, 12-in. dia., 12-in. dia. in lock bar steel pipe to replace 48-in. wood stave pipe in 20th Ave. at 41 in Cedar River Pipe Line No. 2. Spec. obtainable from above.

LOS ANGELES, Cal.—Bids rec. by pub. serv. comm. for std. dipped bell and spigot c. l. water pipe, under spec. 733-B, designated below as (1) 4-in. f. o. b. Aqua Siding, (2) 4-in. f. o. b. foundry, (3) 4-in. f. o. b. Hewitt (4) 6-in. f. o. b. Aqua Siding, (5) 6-in. f. o. b. foundry, (6) 6-in. f. o. b. Hewitt St. const. comprising 5000 pcs. 4-in. class B, 12-ft. lengths, 260 lbs. per length, f. o. b. cars pipe track, Aqua Siding, and 5000 pcs. 4-in. class B, 12-ft. lengths, 260 lbs. per length, f. o. b. cars Hewitt St. spur, Los Angeles; 5000 pcs. 6-in. class B, 12-ft. lengths, 400 lbs. per length, f. o. b. pipe track, Aqua Siding; 5000 pcs. 6-in. class B, 12-ft. lengths, 400 lbs. per length, f. o. b. cars Hewitt St. spur, were:

National Cast Iron Pipe Co.—Sand cast, 12-ft. lengths, price per ton: (1) \$55.30, (2) \$42.24, (3) \$55.80, (4) \$51.30, (5) \$52.21, (6) \$51.80; sand cast, 12-ft. lengths, price per ft.: (1) 60c, (2) 60c, (3) 60c, (4) 55.41c, (5) 55.41c, (6) 55.41c; De Lavaud, 12-ft. lengths, price per ft.: (1) 60c, (2) 58.8c, (3) 60c, (4) 55.41c, (5) 55.41c, (6) 55.41c. Sand cast shipments in equal quant. during Dec. Jan. and Feb., 6-in. De Lavaud during Dec. and Jan. Bond not signed by principal.

McWane Cast Iron Pipe Co.—Sand cast, 12-ft. lengths, price per 100 ft.: (1) \$56, (2) \$45, (3) \$55.80, (4) \$55.80. Shipment as requested — bidding on 2500 pcs. ea. size. Bond, \$4200.

U. S. Cast Iron Pipe & Fdy. Co.—Sand cast, 12-ft. lengths, price per ft.: (1) 60c, (2) 60c, (3) 60c, (4) 55.41c, (5) 55.41c, (6) 55.41c; De Lavaud, 12-ft. lengths, price per ft.: (1) 57.6c, (2) 57.6c, (3) 57.6c, (4) 32.2c, (5) 32.2c. Partial shipment on boat leaving Mobile Dec. 6 and complete shipment on boat leaving last of Jan., 1925.

American Cast Iron Pipe Co.—Sand cast, 16-ft. lengths, price per ft.: (1) 60.3c, (2) 47.6c, (3) 60.3c, (4) 85.6c, (5) 85.6c, (6) 85.6c. Delivery 10,000 ft. 4-in. by Dec. 1, 1924, 20,000 ft. 4-in. by Dec. 15, 1924. 6-in. delivery completed by Jan. 5, 6-in. delivery complete by Jan. 15, 1925.

Shinn-Holtz-Lyon Co.—Sand cast, 4-metre lengths, price per ton: (1) \$55.50, (2) \$55.50, (3) \$55.14, (4) \$55.14, (5) \$57.44, (6) \$57.44; sand cast, 4-metre lengths, price per ft.: (1) 60.21c, (2) 60.21c, (3) 60.21c, (4) 91.81c, (5) 91.81c, (6) 95.64c; alternate, German standard, price per ton: (1) \$55.50, (2) \$55.50, (3) \$55.80, (4) \$55.80, (5) \$55.80, (6) \$55.80. Commence shipment sand cast in 6 wks., delivery 1500 tons per mo.; shipment of German in 2 wks., deliv. 1500 tons per mo.

W. K. Thompson (broker), bidding on German pipe—sand cast, 4-metre lengths, price lengths, price per ton: (1) \$55.51, (2) \$55.51, (3) \$55.51, (4) \$55.51, (5) \$55.51, (6) \$55.51. Shipment from Europe commencing about 6 wks. before date of award. Unit weights not stated.

Pacific Pipe & Supply Co.—Sand cast 4-metre lengths, price per ton: (1) \$54.60, (2) \$54.60, (3) \$52.50, (4) \$52.50, (5) \$52.50, (6) \$52.50; sand cast, 4-metre lengths, price per ft.: (1) 58.895c, (2) 58.895c, (3) 58.895c, (4) 86.885c, (5) 86.885c, (6) 86.885c. Delivery at L. A. of one-third total tonnage 9 wks. before date of order, bal. in 17 wks. Bid on Pont-a-Mousson pipe.

ST. HELENS, Ore.—Until Dec. 3, 7:30 P. M., bids will be rec. by J. R. Beeler, clerk, Municipal Water Board, to fur. 1150 ft. 10-in., 10,365 ft. 12-in. and 12,180 ft. 14-in. iron or steel pipe to be used in mains and laterals for water distributing system. Cert. check 10% payable to Board of City Commissioners reg. Plans obtainable from Floyd W. Allen, engineer, 521 Railway Exchange Bldg., Portland, on deposit of \$10, returnable.

HUNTINGTON PARK, Cal.—Until 8 p. m., Dec. 1, bids will be rec. by city for water pipe, etc., as follows: 10,000 ft. 4-in., 1000 ft. 6-in. and 200 ft. 16-in. class B cast iron pipe. Cert. check or bond 10%. H. H. Hunter, city clerk,

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EL CENTRO, Cal.—Bids rec. by city for cast iron water pipe: (1) 16-in. (2) 14-in. (3) 10-in. (4) 8-in., (5) 6-in., (6) 5-in. with fittings, etc., not listed below, were:

American Cast Iron Pipe Co.—(1) \$3.75, (2) \$3.97, (3) \$1.906, (4) \$1.42, (5) 99c, (6) 68.9c.
Grinnell Co., Los Angeles—(1) \$3.80, (2) \$3.15, (3) \$1.90, (4) \$1.43, (5) 99c, (6) 62c.

National Cast Iron Pipe Co.—(1) \$3.65, (2) \$3.0275, (3) \$1.8821, (4) \$1.40125, (5) 98.235c, (6) 68.355c.

Waterworks Supply Co., Los Angeles—(1) \$3.75, (2) \$3.075, (3) \$1.914, (4) \$1.425, (5) 99.9c, (6) \$69.44c, with an alternative bid for centrif. cast iron pipe: 10-in. \$1.7006, 8-in. \$1.2661, 6-in. \$8.51c, 4-in. \$4.85c.

Machinery Pipe & Supply Co.—(3) \$1.948, (4) \$1.415, (5) \$1.019, (6) 70.4c.
George Mitchell, Huntington Park—Bid on labor and material installed: (1) \$6, (2) \$5.20, (3) \$3.95, (4) \$2.45, (5) \$2.10, (6) \$1.85, with alternative bid on centrif. C. I. pipe installed at \$3 10-in., \$2.30 8-in., \$2 6-in. and \$1.05 4-in.

Pac. Pipe & Supply Co.—Bid on French pipe, class "B," (1) \$4.05, (2) \$3.3125, (3) \$2.0605, (4) \$1.5315, (5) \$1.081, (6) 70.86c, with another bid on City of Paris spec. of (1) \$4.01, (2) \$2.918, (3) \$1.369, (4) \$1.82, (5) 91.2c, (6) 62.78c.

Bids referred to Consulting Engrs. Cone & Harris, Hollingsworth Bldg., Los Angeles.

SEWAGE DISPOSAL PLANTS

LAGUNA, Cal.—Until 2 p. m. Dec. 9 bids will be rec. by secy. of bd. of Laguna Sanitary Dist., Laguna, for lateral sewer sys., sewage pumping sta., etc. F. W. Stetson, engineer, Hellen, Black & Veatch, consulting engt., 617 Ferguson Bldg., Los Angeles. Depos. \$25 req. for plans; \$20 returnable. Work includes 760 ft. 10-in. sewer, 100 ft. 12-in. sewer, disposal ocean outfall sewer, sewage disposal plant containing 280 cu. yds. reinf. concrete, a sewage pumping sta., 679 ft. 6-in. C. I. force main, 2208 ft. 12-in. sewer, 200 ft. 10-in. sewer, 6594 ft. 8-in. sewer, 27,844 ft. 6-in. sewer, 122 manholes, 5 flush tanks. Cert. chk., \$4000. L. V. Murphy, secy.

POMONA, Cal.—City has started proceedings for acquiring 5-ac. site for sewage treatment site, constr. of plant etc. F. C. Froehde, city engr.

SANTA BARBARA, Cal.—Merritt-Chapman-Scott Corp., First Natl. Bank Bldg., Wilmington, awarded contract by council at \$61,937 for constr. of screen plant, pump, etc., for sewage disposal. J. H. Tillman Co. bid \$66,500. Engr's est., \$67,100. There were five bids. Plant to consist of hollow tile and conc. bldg. with reinf. conc. sump, one 12-in. pipe, one 10-in. centrifugal pump direct connected to motors, one 12-in. centrifugal pump with gas engines driven by cyl. per day each, six million gals. with sludge elevators, two motors and automatic ejectors, with valves, pipe, etc.

Contr. for interceptor sewers, designated as the East Elv. sewer, was awarded to Barnett & Olivarri (630 E. Washington, Orange, 1073 S. Main St., Santa Ana), at \$12,061.40. Hickey & Harmon, Alhambra, bid \$18,000. Bids for the Quienitos St. sewer were rejected owing to changes to be made in plans.

MISCELLANEOUS CONSTRUCTION

FULLERTON, Cal.—Until 7:30 P. M. Dec. 9, bids will be rec. by city for constr. of municipal garbage incinerator. Cert. chk., 10%. F. C. Hezmalhalch, city clerk.

FRESNO, Fresno Co., Cal.—Fresno Disposal Co., Brix Bldg., Jas. P. Ryan, general mgr. and secy., announces extensions will be made to incinerator to increase capacity from 30 to 70 tons a

SAN LUIS OBISPO, Cal.—City Engr. Moore has prepared prel. plans for retaining wall in Upper Marsh St. for protection against flood waters of creek; will be 153 ft. in length; reinf. conc. wall 25 ft. in height; will cost \$5913.45 and 15-ft. in height, \$4562.65; brick wall of same dimensions will cost \$4571 and \$3577 respectively. As funds are not available early construction is not contemplated.

WATER WORKS

SANTA BARBARA, Cal.—City Water Supt. Victor E. Trace to ask for trunk line water sys. in Anapamu St., betw. Santa Barbara and State Sts. Proposed line will consist of 1000 ft. 16-in. cast iron pipe, Leeds & Barnard, Los Angeles, have prepared plans for 12-in. line in West Anapamu St., bet. State and Gillespie Sts. Streets in which 8-in. lines will be laid are Ortega St., bet. State and Anapaca Sts.; Carrillo St., bet. Santa Barbara and State Sts.; Figueroa St., bet. Chapala and Santa Barbara Sts.

ST. HELENS, Ore.—See "Reservoirs and Dams," this issue. Bids wanted.

EL CENTRO, Cal.—Richmond Bros., El Centro, sub. low bid to city at \$12.30 for water services in connection with new water sys. Other bids: Thos. Haverty Co., \$12.50; Machy, Pipe & Supply Co., \$15; Cummings Welding Wks., \$26.40.

Bids rec. by city for pumping units, etc. for waterworks sys., involv. (1) 2 dual drive centrif. pumping, units compl., (2) two elec. motor driven vertical centrif. sump pump compl. and (4) one switch board compl. were:

Allis-Chalmers Mfg. Co.—(1) \$9550, (2) \$1655, (3) \$729, (4) \$4373.
Byron-Jackson Pump Mfg. Co.—(1) \$8150, (2) \$1770, (3) \$298, (4) \$2670.
De LaVal Steam Turbine Co.—(1) \$8550, (2) \$1520, (3) \$270, (4) \$2605.
Edgar Bros. for Fairbank-Morse Co.—(1) \$8530.20, (2) \$1467.50, (3) \$318, (4) \$2681.

Smith-Booth-Usher, Los Angeles—(1) \$8992.50, (2) \$1564, (3) \$277.50, (4) \$2920.

Sprado Co., Los Angeles—(1) \$7870, (2) \$1400, (3) \$330, (4) \$2680; total, \$12,280 (lowest on four units together).

United Iron Wks., Oakland, f. o. b. Oakland—(1) \$9000, (2) \$1572, (3) \$269, no bid on (4).

Worthington Pump Co., Los Angeles—(1) \$8744, (2) \$1465.50, (3) \$383, no bid on (4).

Hazard-Gould Co., San Diego—(1) \$9421, (2) \$1613, (3) \$300, no bid on (4).

C. C. Hardy, San Diego—(4) only, \$2400, lowest on this unit.

ALHAMBRA, Cal.—Council declares inten. to place water mains in Hellman Ave. bet. Westmont Dr. and Orange Grove Ave. and portions of other streets: 6-in., 8-in. and 12-in. I. pipe, and 8-in. St. bet. Front St. and 500 ft. s. 4-in. C. I. pipe.

FLAGSTAFF, Ariz.—Election for \$475,000 bond issue for water sys. in town of Flagstaff will be held in December. Burns & McDonnell, 415 Marsh-Strong Bldg., Los Angeles, engr. on project.

EL CENTRO, Cal.—Hartley-Const. Co., 228 N. Santa Fe Ave., Huntington Park, sub. low bid to city at \$22,229.40 for Secs. 1 and 2, labor only, for new waterworks sys. No. 1 in business dist. and No. 2 in outlying territory. Other bids:

R. F. Ware, Los Angeles—\$28,665, both units, with alt. bid on each unit of 15-in. \$1.50, 14-in. \$1.35, 10-in. \$1.30, 8-in. 90c, 6-in. 68c, 4-in. 57c.
D. M. Stanley, Terra Bella—\$30,379.49, both units.

Cummings Welding Wks., Long Beach—\$42,194, both units, with alt. bid per ft., both units, 16-in. pipe \$1.83, 14-in. \$1.67, 10-in. \$1.75, 8-in. \$1.27, 6-in. 90c, and 4-in. 80c.
Thos. Haverty Co., Los Angeles—No. 1, \$21,163; No. 2, \$16,594, with alt. bids on No. 1: 16-in. \$2, 14-in. \$1.96, 10-in. \$1.75, 8-in. \$1.27, 6-in. 90c, 4-in. 80c.

H. H. Peterson, Loma Portal, San Diego—\$36,138.50, both units.

Richmond Bros., El Centro—No. 2, 8-in. \$1.45; 6-in. 73c; 4-in. 49c.

SANTA ROSA, Sonoma Co., Cal.—Until Nov. 28, 5 p. m., bids will be rec. by Geo. R. Cadan, secy. Board of Public Utilities, Room 14, City Hall, to furnish Manual Control, Direct Feed Chlorinator, Type MDA, Cert. check 10% payable to Mayor req. Further information obtainable from above office.

TUCSON, Ariz.—City Water Supt. R. D. Whitecar has plans under way for new water mains in East Second St., bet. N. Stone and N. Tynndall Aves.

MERCED, Merced Co., Cal.—Until Dec. 16, 2 p. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, to furnish and install four booster pumps, Cert. check 5% payable to dist. req. Spec. obtainable from office of secy. R. V. Meikle, ch. eng. for dist. See call for bids under official proposal section in this issue.

MOUNTAIN VIEW, Santa Clara Co., Cal.—Water Committee of Town Bd. of tensions will be made to incinerator to replacements and other improvements to water system for which \$10,000 is available. C. N. Lake is city clerk.

EUREKA, Humboldt Co., Cal.—City council contemplating bond issue for \$500,000 to \$1,500,000 for permanent water supply from Mad river or Jacoby Creek. It is proposed to commission N. B. Ellery, San Francisco hydraulic engineer, to make a survey and prepare estimates of cost.

PHOENIX, Ariz.—Election will be held Dec. 23 by Salt River Valley Water Re. Assn. to vote on \$450,000 expenditure for sinking aqueduct, 25 wells, pumping equip., canals, etc., to provide additional 300,000 ac. ft. per annum.

SEWERS & STREET WORK

BERKELEY, Alameda Co., Cal.—Until Dec. 9, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. portions of Ada and California Sts., involving const. conc. curb and gutter; grade & pave with oil macadam. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

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SANTA ROSA, Sonoma Co., Cal.—Council, C. B. Reid, clerk, declares intention (No. 704) to imp. Charles St., bet. Santa Rosa Ave. and Brown St., involv. grading; reconst. existing water and macadam surface to form 4-in. waterbound macadam foundation and surface with 3-in. Willitt Process asphalt conc. pavement, 1911 Act & Bond Act 1915. Protests Dec. 16.

SAN DIEGO, Cal.—Geo. R. Daley 4430 Broadway St., San Diego, sub. low bid to be opened at \$26,041.81 to pave 3rd St. and Boundary St. involv. 1190 cu. yds. earth excav. \$1.40 yd.; 7 cu. yds. earth embank. 10c yd; 116,238.66 sq. ft. 1½-in. asphalt conc. pave, on 4-in. cem. base base 2½-in. 3,329.49 sq. ft. walk 24c ft., 779.22 ft. curb 67c ft., one 6-in. cem. sewer lateral \$35. Other bids: Pioneer Truck Co., \$26,236.04; Griffith Co., \$26,448.89.

SANTA ROSA, Sonoma Co., Cal.—Council, C. B. Reid, clerk, declares intention (No. 700) to imp. E St., bet. 4th and 5th Sts., involv. grading; reconst. waterbound macadam surface to form 4-in. waterbound macadam base; surface with 3-in. Willitt process asphalt conc. pavement laid in one course; const. hyd. cem. conc. curbs and gutters, 1911 Act & Bond Act 1915. Protests Dec. 16.

SANTA BARBARA, Cal.—City has started proceedings to pave Fifth St. and Alamar Ave.; est. \$35,000. Also for curbs, gutters and drains in El Sol Se Acuesta Tr.; est., \$25,000. Geo. D. Morrison, city engineer.

LOS ANGELES, Cal.—Until 3 p. m., Dec. 10, bids will be rec. by L. A. Library Board, Metropolitan Bldg., Broadway and 5th St., for storm sewer in Hope St., bet. 6th St. and s property line of new Central library site. Plans on file at city engr's office. Copies may be obtained from Everett R. Perry, secretary, Metropolitan Bldg.; depos. \$5. Cert. check or bond, 10%. Work consists of remov. of st. pave, excav. for and const. of 345 ft. 12-in. conc. or vit. storm sewer, with manhole, backfill, etc.

SANTA BARBARA, Cal.—City Engr. Geo. D. Morrison has sub-let 7 st. imp. jobs to local engrs in order to hasten constr. work. These are: Grade, pave, curbs, gut. on Ferrello Road, Sprink St. and Park Ave., est. \$35,000; pave in De La Guerra and Anacapa Sts., easterly, est. \$60,000; pave in Rinconado and Figueroa Sts., est. \$7500; pave in Dibblee and Ruth Aves. and Castillo St., est. \$20,000; pave in Carmelita and Loma Vista Sts., est. \$7500; walks on west side sev. blks. adjacent to Ambassador Tr. on Bath and other sts., est. \$4000; pave in Ortega and Milpas Sts. to Soledad, est. \$15,000. Payments to be at rate of \$250 per hr. for office engr. and 62½c per hr. for chainmen.

ALHAMBRA, Cal.—City Engr. M. H. Irvine estimates cost of imp. Mission Rd. at \$309,000. The S. P. Ry's share of the Mission Rd. imp. (paving to full width of 60 ft.) is \$14,299.77. The railway's share of imprvt. of Front St. is \$33,182.83. The estimate was ordered sent to the railway so that proceedings could be started at once.

CHICO, Butte Co., Cal.—Until Dec. 5 3 p. m., bids will be rec. by Ira R. Morrison, city clerk, (No. 1924-A) (about 40 blocks) to imp. portions of Normal Ave., Chestnut, Hazel, Ivy, Cherry and other sts., involv. grading; const. hyd. cem. conc. curbs, gutters and walks; corr. galv. iron culverts; gutter drain inlets; reconst. manholes; 4-in. vit. sewer pipe; pave with 1½-in. asphalt conc. surface on 3½-in. asphalt conc. base. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk. Raymond Witt, city engineer.

BAKERSFIELD, Kern Co., Cal.—Until Dec. 8, 5 p. m., bids will be rec. by V. Van Riper, city clerk (Res. of Inten. 503) to imp. portions of 24th St., involv. grading; cem. conc. gutters; pave with 3½-in. asphalt conc. base with 1½-in. warrenite surface; cem. conc. culverts with corr. iron coverings; 1 conc. catchbasin. Imp. St. Dist. No. 503, 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk. W. D. Clark, city eng.

SAN RAFAEL, Marin Co., Cal.—Ridgecrest Boulevard Assn. has awarded cont. to D. McDonald at approx. \$22,000 to const. 2½-mi. of boulevard to point near site of old Tavern on Mt. Tamaulpa.

SAN RAFAEL, Marin Co., Cal.—County Surveyor J. C. Oglesby estimates cost of concrete road from White's Hill to Tocaloma and graveling first portion of road from Tocaloma through Olema to Millerton to Tamales at \$724,900. Culvert and bridge work is included in the estimate. A bond is proposed to finance the work.

SHASTA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, up to Dec. 15, 2 p. m., to grade and surface with crushed gravel or stone 10.8-mi. in Shasta county bet. Halfway Creek and Big Creek. C. M. Morton, state highway eng. Project involv. 310,000 cu. yds. roadway excavation without classification; 990,000 cu. yds. overburden; Station 613 to Station 275; 6000 cu. yds. structure excavation without classification; 31,800 tons crushed gravel or stone surface; 1230 cu. yds. class A cem. conc. (structures); 575 tons class B cem. conc. (in-place pipe culverts); 860 ton bar reinforcing steel in place (structures); 100 cu. yds. dry rubble (retaining walls); 1200 lin. ft. 12-in., 800 lin. ft. 18-in. and 500 lin. ft. 24-in. corr. metal pipe; 2000 lin. ft. corr. metal pipe (clean and relay); 260 monuments; 1590 gal. water applied to crushed gravel or stone surface. Commission will furnish corr. metal pipe.

POMONA, Cal.—Until 12 m., Dec. 2, bids will be rec. for 8-in. vit. sewer, manholes, flush tanks, etc., oil mac. pave, curbs, in Alvarado Ave. bet. Caswell and San Antonio Aves.; 1911 act. F. C. Froehde, city engr.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Prevost St., betw. Grant St. and south city limits involv. grade and 6-in. vit. pipe. Warrenite Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. walks, curbs, gutters; 1 br. manhole; 10-in. hyd. cem. conc. box; 8-in. vit. pipe; drains; 9 hyd. cem. box; 8-in. vit. pipe; drains; 9 hyd. cem. conc. water inlets.

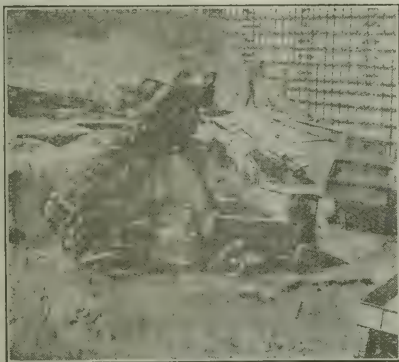
BLYTHE, Cal.—Until 7:30 p. m., Dec. 1, bids will be rec. by city to rec. by Highway bet. Main St. and w city limits; 112,560 sq. ft. 6-in. conc. pave, 14,955 sq. ft. 4-in. conc. walk, 299 lin. ft. curb returns, 184 ft. 12-in. corr. iron culv., 14,056 sq. ft. gravel should, 29 ft. 2-in. reinf. conc. pipe culv., one reinf. conc. end wall, 1181 lin. ft. monolithic curb, 126,616 sq. ft. grade, ornam. lights 1911 and 1915 acts. Plans on file at office City Engr. A. C. Pulmer, 616 W. 7th St., Riverside. Deposit, \$5 for plans. Cert. check or bond 10%. Marie Crenshaw, city clerk.

STOCKTON, San Joaquin Co., Cal.—J. E. Johnston, Tracy, at \$825.22 awarded cont. by council to imp. sts. under Res. of Inten. No. 747, involv. 498.43 cu. yds. fill; 7200 sq. ft. pavement, \$.08 sq. ft.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$104,129.73 awarded cont. by council to imp. (Res. of Inten. 176) portions of G St., involv. grade and pave with 2½-in. asphalt conc. base with 1½-in. Warrenite Bit. surface; 6-in. vit. pipe sanitary sewers; cem. conc. sanitary sewer and storm sewer manholes; c. l. and conc. culverts. Other bids were: San Jose Paving Co., \$116,999; Clark & Henery, \$114,922.99; A. D. Kern, \$116,796.98; California Construction Co., \$120,600.05; Teichert & Son, \$113,180.54.

NAPA, Napa Co., Cal.—Until Dec. 1, 7:30 P. M., bids will be rec. by H. H. Thompson, city clerk, (No. 518) to imp. Clark St., bet. Juarez and Dewwood involv. const. of cem. conc. curbs; pave with 2-course asphalt macadam pavement 40 ft. wide; cem. catchbasins; br. man-house, 1911 Act. Cert. check 10% payable to City req. H. A. Harrold, city engineer.

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OAKLAND, Cal.—City council, E. K. Sturges, clerk, declares inten. to imp. Orall St., bet. 69th Ave. Place and 70th avenue, involv. grading; pave; curbs and gutters. 1911 Act. Protests Dec. 11. W. W. Harmon, city engineer.

STOCKTON, San Joaquin Co., Cal.—J. E. Johnson, Tracy, at \$5783 awarded cont. by council to imp. Srs. under res. of inten. 718, involv. 3 cu. yds. cut, \$75 cu. yd.; 84 cu. yds. fill, \$40 cu. yd.; 639 lin. ft. curb and gutter, \$1 lin. ft.; 4552 sq. ft. walks, \$20 sq. ft.

REDWOOD CITY, San Mateo Co., Cal.—City trustees, petitioned to const. cem. walks and curbs in portions of Allerton, Standish, Hopkins and Samson Sts. C. L. Dimmitt, city eng.

BEVERLY HILLS, Cal.—City Street Supt. Albers instructed to purchase 300 tons paving material in open market. All bids rejected.

SANTA ANA, Cal.—Council declares inten. to imp. Orange Ave., bet. McFadden and East Edinger Sts. and portion of Cypress Ave. 5-in. conc. pave, 6-in. conc. pave, 12-in. conc. curb; 1915 act. E. L. Vesely, city clerk.

POMONA, Cal.—Council declares intention to imp. under 1914 act. 1915 act. Garey Ave., bet. Grand and Franklin Aves. 6-in. conc. pave, curbs. Towne Ave., bet. Second and Olive Sts. 6-in. conc. pave, curbs.

REDLANDS, Cal.—City trustees order plans for 6-in. conc. pave in Orange Street.

SEAL BEACH, Cal.—Council declares inten. to pave with 6-in. conc. curb, and walk in Bay Blvd., bet. Electric Ave. and Lot 35, blk. 217, Tr. No. 10; 1911 act. Ollie E. Padrick, city clerk.

FRESNO, Fresno Co., Cal.—Until Dec. 4, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, (No. 24-D) to imp. portions of Fremont Ave., involv. const. of cem. conc. walks, curbs, and driveway approaches. 1911 Act. Cert. check 10%, payable to city req. Plans on file in office of clerk. Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—H. R. Erdman, 141 W. Main St., Alhambra, awarded cont. by bd. pub. wks. at \$19,504.10 for imp. Almont St., bet. Maycrest and Stillwell Aves., involv. oil and roll, curb, walk, gut., storm drain (latter to cost \$12,965).

SANTA ANA, Cal.—County Superv. T. E. Tabert announces work will be started shortly on a 4-mi. piece of road bet. Garden Grove-Huntington Beach Blvd. and Cypress.

INGLEWOOD, Cal.—Until 8 p. m., Dec. 8, bids will be rec. for st. work under 1911 and 1915 acts as follows:

Hillside Ave. and Hill St.: 184.74 sq. ft. curb, 5790 sq. ft. curb, 3 cu. yd., 112-sq. ft. Willite pave, 2% -in. water serv., 5 2-in. water serv.

Sixty-seventh St. bet. Manor Dr. and Redondo Blvd.: 53,793 sq. ft. grade (1525 cu. yds.), 53,792 sq. ft. 5-in. oil mac, 12 3/4 -in. water serv.

Plans on file at office of City Engr. A. W. Cory. Otto H. Duellek, city clerk

SAN DIEGO, Cal.—H. H. Peterson, Loma Portal, awarded cont. by supervisors at \$127,060 for 5-in. conc. pave. on portion of Julian (R. No. 3-A, (Ramona Rd., Mussey Grade Section), from Mussey's grove to W end of Santa Marie Valley, 5.86 mi.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt instructed to prepare spec. to pave Harrison Ave. and Adams and Clinton Sts.; est. cost, \$3.75 ft.

SANTA ROSA, Sonoma Co., Cal.—Council, C. B. Reid, clerk, declares inten. (No. 696) to imp. 2nd St., bet. Railroad Ave. and Davis St., involv. grading; reconstr. existing Rebound macadam surface, to form 4-in. water-bound macadam base; surface with 3-in. Willite process asphalt. conc. laid in 1-course; const. hyd. cem. conc. curbs and gutters. 1911 Act & Bond Act 1915. Protests Dec. 15.

MONTEREY PARK, Cal.—Bids to imp. Moore Ave., bet. Garvey and Newmark Aves., with walks and curbs, were rejected unopened by city due to error in proceedings. Arthur W. Langley, city clerk.

SAN DIEGO, Cal.—Geo. R. Daley, 4430 Boundary St. awarded cont. by council at \$28,487.09 for 4-in. conc. pave curb, sewer, etc., in Canyon St. Griffith Co., 25 14th St., awarded cont. at \$30,305.62 for asphalt. conc. pave. in Juniper and 31st Sts.

LOS ANGELES, Cal.—Election for \$2,000,000 bond issue in Metropolitan Sewer Dist. No. 5, comprising Lomita, Torrance, Hawthorne, Inglewood, Garden, Harbor City and Moneta, has been postponed until some time in January.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Pierson St., involv. excavation, \$.75 cu. yd.; conc. curb, \$.75 lin. ft.; conc. gutter, \$.25 sq. ft.; oil macadam pave, \$.11 sq. ft.; cem. walks, \$.17 sq. ft.; 10-in. pipe conduit with conc. covering, \$.20 lin. ft.; 10-in. pipe conduit without covering, \$.140 lin. ft.; 12-in. pipe conduit, \$.160 lin. ft.; 14-in. pipe conduit, \$.180 lin. ft.; 6 1/8-in. rein. conc. box culvert, \$.280 lin. ft.; storm water inlet, \$.55 ea; conc. inlet with c.i. grating, \$.65 ea; manholes, \$.15 ea.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica, awarded conts. by council to imp. 4th St., bet. Hill St. and blk. 1, Hill Crest Tr. involv. 39,168 sq. ft. grade 5.7c sq. ft., 38,446 sq. ft. bitul. pave. on asphalt. conc. base 19.8c ft., sewers, \$1.40 ft., 4 manholes brought to grade, \$.5 ea; total \$10,927.40.

25th St. bet. Santa Monica Blvd. and Broadway, involv. 33,600 sq. ft. grade 6c ft.; 21,600 sq. ft. asphalt. conc. pave, 13.3c ft.; 1200 ft. curb 5 1/2 ft.; 6000 sq. ft. walk 19.5c ft.; total \$7798.80.

SANTA ANA, Cal.—Until 10 a. m., Dec. 2, bids will be rec. by supervisors for conc. pave. in Santa Ana Canyon in the vicinity of Olive, and a portion of Santiago Blvd., approx. 9900 lin. ft. J. L. McBride, county rd. comm.

MOUNTAIN VIEW, Santa Clara Co., Cal.—Town trustees have abandoned proposal to call bond election for \$120,000 to pave streets with oil macadam. Proceedings, however, will be started at once to pave five streets with a 4-in. Warrenite pavement, these being Palo Alto Ave., Dana and View Sts., and Bailey Ave. C. N. Lake is city clerk.

SANTA ROSA, Sonoma Co., Cal.—Due to protests, supervisors abandon proposal to permit formation of permanent road district to include southern end of county to finance completion of pavement from Lakeville road to Sonoma and from Vineburg to the Black Point Cut-off. R. Press Smith, Santa Rosa, engineer, was recently commissioned to prepare estimates of cost for the work.

EL SEGUNDO, Cal.—Election will be called within next 30 days for bond issue for modern sewer sys., El Segundo. R. T. Hutchins, city engr.

OAKLAND, Cal.—Council, E. K. Sturges, clerk, declares inten. to imp. E-15th St., bet. 23rd Ave. and Foothill Blvd., involv. const. of curbs and gutters; 2 culverts. 1911 Act. Protests Dec. 18. W. W. Harmon, city eng.

TULARE, Tulare Co., Cal.—Board of Trade with confer with city trustees advocating general program of street paving, sidewalks, curbs and gutters. No type of pavement has been discussed as yet.

OAKLAND, Cal.—Road Committees of Oakland, Hayward and San Leandro Chambers of Commerce propose widening of E-14th St., from San Leandro to Hayward. Geo. A. Posey is county surveyor.

SAN FRANCISCO—T. M. Gallagher, 2165 Market St., at \$13 sq. ft. awarded cont. by Bd. Pub. Wks. to const. 4500 sq. ft. art. stone walks in portions of Dorland, Howard, Ord and 17th Sts.

EUREKA, Humboldt Co., Cal.—Until Dec. 2, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, (No. 177) to imp. portions of E St., involv. grading and paving with 2 1/2-in. 2 1/2-in. and 3-in. asphalt. concrete base and 1 1/2-in. Warrenite-Bit. surface; 6-in. vit. pipe sanitary sewers; vit. pipe house sewers; conc. curbs. 1911 Act & Bond Act, 1915. Cert. check 10%, payable to city req. plans on file in office of clerk. Harry H. Hannah, city eng.

OAKLAND, Cal.—Council, E. K. Sturges, clerk, declares inten. to imp. Inyo St. and adjacent pedestrian way bet. E-22nd and E-24th Sts., involv. grading; pave; conc. curbs, gutters and sidewalks; conduits; lamppoles and storm water inlets. 1911 Act. Protests Dec. 18. W. W. Harmon, city eng.

SANTA MONICA, Cal.—Until 10 a. m., Dec. 1, bids will be rec. to oil and rock pave 15th St., bet. Pennsylvania and Michigan Aves.; 1911 act. Howard B. Carter, city engr.

VENICE, Cal.—W. F. Crawford, Venice, awarded cont. by council to imp. Vernon Ave., involv. approx. 120,000 sq. ft. 6-in. concr. pave, and other incidental items, at 2c sq. ft. grade, 19c sq. ft. pave, 21c sq. ft. walk, 60c ft. curb, and \$6 altering manholes.

BERKELEY, Alameda Co., Cal.—Schnorr Bros., at \$40.83 awarded contract by council (519) to imp. Shasta St., from existing conc. pavement about 66 ft. north of Tallac St., north and east to Hopkins Terrace, involv. grading and pave with 6-in. conc. portions to be regraded and remacadamized; const. 4-in. lateral sewers and one br. manhole.

SAN FRANCISCO—Industrial Construction Co., 815 Bryant St., at \$60 cu. yd. awarded cont. by Southern Pacific Co., 65 Market St., to const. road bed for industrial tracks bet. Williams and Paul Aves., Railroad Ave. and Railroad main line tracks. Contract involv. 3,320 cu. yds.

LOS ANGELES, Cal.—R. K. Smith, 1124 S. St. Andrews, awarded cont. by bd. pub. wks. at \$14,919.42 to oil and roll Gabriel Ave., bet. Effie St. and 577 ft. n.e. incl. curb, walk, gut.

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TORRANCE, Cal.—Council declares inten. for 3-in. asph. conc. pave. and 1-in. white surface, vit. hse. con. in alleys in bks. 1 to 3 incl., 17, 18, 29, 70, 71, 72, 73, 74, 75, 83, 86, Torrance Tr; 1915 act. J. H. Bartlett, city clerk.

LOS ANGELES, Cal.—Until 2 p. m., Dec. 8, bids will be rec. by supervisors to imp. California Ave., bet. Miner and Elm Sts., and Grape St., bet. California and Manchester Aves. (County Imp. No. 210), 2575 ft. of 14 ins. involving 2667 cu. yds. excav., 7852 sq. yds. shape rdwd., 9805 sq. ft. curb, 7852 sq. yds. conc. pave. Est. contr. price, \$17,736.25. Bids. Same date, to imp. Durfee Ave. bet. Pomona Blvd. and Levanston-Gallatin Rd. (R. D. I. No. 254), 16,030 ft., or 2.04 mi., involv. 8671 cu. yds. excav., 36,897 sq. yds. shape rdwy., 35,767 sq. yds. conc. pave., 23,728 sq. yds. disin. granite sub-base, conc. box culv., corr. iron culv. Est. conc. price, \$51,288. Av. haul, 2 mi. from El Monte on Pac. Elec. Ry.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Dec. 8, bids will be rec. by city for 4-in. conc. pave., curbs in Tenth St., bet. I and Pico Sts.; 1911 act. Bids. same date, for 4-in. conc. pave, curbs, in 11th St., bet. Mt. Vernon Ave. and L St.; 1911 act. J. H. Osborn, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares inten. (331) to imp. Leibrandt Ave., from Beach to Kaye Sts., involv. grading; cem. conc. curbs; vit. clay pipe sewer laterals; pave with 5-in. Port. cem. conc. 1911 Act. Protests Dec. 11. H. E. Godegast, city eng.

PHOENIX, Ariz.—Until 9 a. m., Dec. 17, bids will be rec. by Dist. engr. E. S. Wheeler, 242 W Washington St., Phoenix to imp. Clifton-Springerville nat'l forest rd. in the Apache nat'l forest, for 4-in. conc. pave., curbs in approx. 45 mi., involv. 21,000 cu. yds. crushed rock surfacing, 21,03 mi. finish should. and sub-grade. Plans on file at office of engr., Phoenix, obtainable on deposit of \$10. Proposal guaranty, 5%.

LOS ANGELES, Cal.—W. D. McCray, 414 American Bank Bldg., awarded cont. by bd. pub. wks. at \$110,973.21 for cem. conc. pave., oil and roll, curb, walk, gut., sewer in Spence St., betw. Hollenbeck Ave. and 25th St.

FULLERTON, Cal.—Until 7:30 p. m., Dec. 2, bids will be rec. to imp. West Brookside Pl., N Richman Ave., N Ford Ave., and North Highland Ave., involv. grade, pave., ornam. lights, vit. sewers. Plans and spec. on file at office city clerk, F. C. Hezmalhach. W. C. Record, city engineer.

BURBANK, Cal.—Until 7:30 p. m., Dec. 9, bids will be rec. by city trustees to imp. Valencia Ave., bet. 4th and 8th Sts., approx. 1000 lin. ft., involv. curbs, walks, oil mac. pave.

Empire Ave., bet. San Fernando Blvd and Hollywood Way, approx. 6000 lin. ft., involv. conc. pave. and water main. Keystone St., bet. Clark and Magnolia Aves., 1300 lin. ft., involv. walks, curb and oil mac. pave.

Plans on file at office of F. S. Webster, city clerk. Cert. check or bond 10%.

LYNWOOD, Cal.—Until 8 p. m., Dec. 3, bids will be rec. by city trustees to imp. portions of Josephine, Virginia, Agnes and Esther Sts. and first alley s. of Lynwood Rd., involv. 5825 ft. curb, 20,140 sq. ft. walk, 104,570 sq. ft. grade, 54,500 sq. ft. oil, 191 and 1915 acts. Edw. M. Lynch, Central Bldg., Los Angeles, city engr. Fred Welch, city clerk.

LONG BEACH, Cal.—Until 9:30 a. m., Dec. 2, bids will be rec. for st. work under 1911 act as follows: Ransom St., bet. Obispo & Loma Aves.; curb, walk; Cerritos Ave., bet. 17th and State Sts.; 6-in. asph. conc. pave, curb, walk, gut., storm drain; Broadway, bet. Alhambra and Bonita Ave.; walk, curb; alley e. of Rolcroft Ave., bet. Livingston Dr. and Shaw St.; 6-in. conc. pave; alley e. of Roswell Ave., bet. Massachusetts and Colorado Sts.; 6-in. conc. pave; Cherry Ave., bet. Anaheim and 14th Sts.; curb and walk; alley e. of Pine St., bet. 16th and State Sts.; 6-in. conc. pave. Plans on file at office of City Engr. R. D. Van Alstine. H. C. Waugh, city clerk.

HERMOSA BEACH, Cal.—Until 8 p. m., Dec. 2, bids will be rec. by city trustees to imp.: Portions of Pier Ave., Camino Real and Real Ave.; 5-in. conc. pave, 1½-in. Nat'l wearing surface, class A curbs, 6-ft. cem. walks, 5-ft. walks.

Prospect Ave., bet. lots 41 and 42, Hermosa Hts. Tr., and lots 51 and 52 Tr. No. 733, class A curbs, curb, 6-in. conc. pave., wrought iron man.

Plans on file at office of H. R. Taylor, city engr. B. F. Brown, city clerk.

HERMOSA BEACH, Cal.—Council declares inten. for 5-in. conc. pave. in Longfellow Ave., 29th St., 30th Pl., 31st St., 31st Pl., and 32nd Pl., bet. Morningside and Ingleside Dr. and bet. Ingleside Dr. and West Rd. and Dr.; 1911 act. B. F. Brown, city clerk. H. R. Taylor, city engr.

GLENDALE, Cal.—Until 10 a. m., Dec. 4, bids will be rec. for vit. pipe sewer, manhole chambers, etc., in Palmer Ave., Adams St., Crescent, Cornell, Cambridge, Columbia, Dartmouth and Wellesley Drives, Tyler, Green and other sts.; 1911 act. Plans on file at office of City Engr. John F. Johannsen. A. J. Van Wie, city clerk.

SANTA BARBARA, Cal.—Until 5 p. m., Dec. 4, bids will be rec. to pave. in De La Guerra St., bet. Anacapa and State St., and portions of other sts.: 5-in. cem. conc. pave. with 1½-in. asph. conc. surface, combined curb and 3-ft. cut, driveways, walks, manholes, 4-in. vit. hse. con; 1911 act. S. B. Taggart, city clerk. Geo. D. Morrison, city engr.

SALINAS, Monterey Co., Cal.—Until Dec. 11, 7:30 p. m., bids will be rec. by F. S. Clark, clerk, Salinas Union High School District to const. 4000 sq. ft. cem. walks at high school grounds. Spec. obtainable from clerk.

GLENDALE, Cal.—Until 10 a. m., Dec. 4, bids will be rec. for cem. conc. pave., oil mac. pavement, etc., in Verdugo Canyon Rd., Hillside Dr., Woodland Terr., Hillside Ct., Oakmont Dr., Rosita Dr., Wabaco Way. Spec. on file at office of City Engr. John F. Johannsen; 1911 act. A. J. Van Wie, city clerk.

SACRAMENTO, Cal.—County Engineer Chas. Deterding, Jr., recommends that grading of Billard-Blake and Don Ray Colony roads be postponed until next spring, due to the lateness of season.

LOS ANGELES, Cal.—Adam Dalmatin 841 W 62nd St., sub. low bid at \$166,000 to Ed. pub. wks. for sewer in Colorado Blvd., bet. Maywood Ave. and w. boundary line of city. Other bids: Hickey & Harmon, \$175,000; Nick Bebek and Martin Culjak, \$180,000; M. Miller, \$130,000. D. A. Foley & Co., \$183,000; Thos. Haverly Co., \$198,750; Leo Mileitch, \$230,000.

TUSCON, Ariz.—Council declares inten. to const. walks, curbs, gut., and pave. alternative types of pave. as follows: 5-in. conc., 1½-in. Warrenite-bitul. on 2½-in. bitum. base, or 1½-in. asph. conc. pave. on 2½-in. bitum. base. L. O. Cowan, city clerk.

PHOENIX, Ariz.—Pac. Constr. Co., 412 Nat'l. Bank of Ariz. Bldg., Phoenix awarded cont. by council to imp. 15th Ave., bet. Harrison and Jefferson Sts., involv. 2600 sq. yds. 2½-in. asph. conc. pave. with 1½-in. Warrenite surface \$2.15 yd., 103 sq. yds. 5-in. conc. pave. \$2.55 yd., 432 sq. yds. grade for should. \$5c yd., 2703 sq. yds. grade \$5c yd., \$48 ft. combined curb and gut. \$1.48 ft., 73 ft. single curb \$1 ft., 32 ft. single gut. \$1 lin. ft., 95 ft. valley gut. \$1.48 ft., 26 ft. 12-in. conc. pipe (plain) \$1.65 ft., 24 ft. 6-in. conc. pipe (plain) \$1.40 ft., 20 ft. 12-in. conc. pipe (detail W) \$2.50 ft., one storm water manhole \$450; one gut. inlet (detail Q) \$20; 2 st. signs \$25 ea. 2 man. covers set \$5 ea.; 2 st. intersection terminations graded \$10 ea.; 2 alley intersection terminations graded, \$5 each.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

1848	Schwabacher	Federal	1000
1849	Marsden	Owner	3500
1850	Varney	Owner	4500
1851	Cook	Carlson	1000
1852	Westgate	Prout	10000
1853	Standard	Owner	1000
1854	Kronquist	Owner	5000
1855	Marina	Palati	21000
1856	Allred	Owner	36000
1857	Benjamin	Crichton	5000
1858	Nelson	Owner	4000
1859	Nelson	Owner	7000
1860	Romo	Cerda	2400
1861	Lind	Owner	2800
1862	Elsner	Jacks	2000
1863	Moeckler	Schultz	4000
1864	Simon	McCarthy	3000
1865	Feltman	National	2000
1866	Torres	Meyer	9000
1867	Torres	Meyer	4000
1868	Westgate	Prout	10000
1869	Teal	Malloch	7500
1870	Palfic	Forderer	81457
1871	Palfic	Forderer	117000
1872	Simon	McCarthy	4340
1873	Elsner	Jacks	2000
1874	Hatter	Papenhausen	8000
1875	Diellisen	Owner	5000
1876	Barsotti	Fontoni	7000
1877	Brinke	Hinricks	1800
1878	Hansen	Owner	6000
1879	Elliot	Noel	2500
1880	Berwick	Owner	3000
1881	Reinhardt	Owner	2000
1882	Nelson	Owner	2000
1883	Jeffreys	Owner	1750
1884	Penman	Wolter	1750
1885	Schwarz	Owner	18000
1886	Carlson	Owner	16000
1887	Braun	Owner	42000
1888	Ingham	Meinberger	15755
1889	Pacific	Roberts	13165
1890	Hills	Pacific	4453
1891	Mackall	Erasmus	5000
1892	Knorp	Moller	15000
1893	Olmo	Owner	2500
1894	Larsen	Owner	4000
1895	Southern Pacific	Smith	254
1896	Smith	Owner	4000
1897	Hawkins	Owner	3000
1898	Brown	Owner	3000
1899	Parkside	Owner	5000

4900	Anderson	Owner	4000
4901	Parkside	Owner	4000
4902	Union	Owner	2000
4903	Varney	Owner	4000
4904	Miller	Owner	3000
4905	Anderson	Owner	3000
4906	Halsen	Owner	3000
4907	R. C. Archbishop	Varney	4500
4908	Ren	Moran	7000
4909	University	Owner	6000
4910	Serretto	Low	2400
4911	Harris	Miller	1000
4912	Johnson	Fontanella	3940
4913	Smith	Owner	12000
4914	Samuelson	Owner	7300
4915	Silverstein	Saari	6000
4916	O'Hair	Barrett	35000
4917	Norton	Gelfuss	9500
4918	Joslin	Elliot	8545
4919	Zammet	Fetz	3350
4920	Jones	Jones	9575
4921	Dondero	Harder	8620
4922	Witt	Thorinson	6000
4923	Christensen	Christensen	5000
4924	Burhaus	Meyer	3000
4925	Horgan	Owner	4000
4926	Holling	Owner	3000
4927	Hollace	Frehe	3000
4928	Grosman	Owner	2750
4929	Coble	Owner	2500
4930	Commercial	Crothers	4500
4931	Lang	Owner	9000
4932	Klute	Meyer	4000
4933	Klute	Meyer	12000
4934	Meyer	Owner	5000
4935	Meyer	Owner	8000
4936	Meyer	Owner	7000
4937	Doo	Sartorio	11000
4938	Sheffel	Owner	12000
4939	Symon	Owner	—
4940	Marcantelli	Stoneson	5925
4941	Southern	Industrial	—
4942	Southern	Gladding	4460

MARQUISE
(4848) NO. 733 MARKET. Erect mar-
quise with electric signs.
Owner—Schwabacher Frey, Premises.
Architect—None.
Contractor—Federal Elec. Co., 91 New
Montgomery St., S. F. \$1000

DWELLING
(4839) W TWENTIETH AVE 325 S
Lawton. One-story and basement
frame dwelling.
Owner—J. W. Marsden, 1663 20th Ave.,
San Francisco.
Architect—None. \$3500

DWELLING
(4850) E FORESTSIDE AVE 383.33 N
Ulloa. One-story and basement
frame dwelling.
Owner—E. W. Varney, 860 Bush St.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4500

ALTERATIONS
(4851) NO. 370 GEARY. Erect par-
titions for office; install plumbing,
etc.
Owner—Dr. Cook, % Contractor.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie
St., San Francisco. \$1000

DWELLINGS
(4852) E SANTA PAULA 87 and 132
S Portola Drive. Two one-story
and basement frame dwellings.
Owner—Westgate Park Co., 278 Post
St., San Francisco.
Architect—Masten & Hurd, 278 Post
St., San Francisco.
Contractor—J. Prout, 515 Magellan
Ave., San Francisco. \$5000 each

STATION
(4853) NE FULTON AND SEVENTH
Ave. One-story steel service sta-
tion.
Owner—Standard Oil Co., Standard
Oil Bldg., San Francisco.
Plans by Owner. \$1000

DWELLING
(4854) W HEAD ST. Lot 15 Blk 31,
Ingleside Terrace. One-story and
basement frame dwelling.
Owner—Alfred J. Kronquist, 725 Eliza-
beth St., San Francisco.
Architect—None. \$5000

FLATS
(4855) S LOMBARD 127, 152 AND 179
W Steiner. Three 2-story and base-
ment frame flats (2 flats in each
building).
Owner—Marina Investment Co., 2229
Union St., S. F.
Architect—A. Frascahina, 1666 Lombard
St., S. F.
Contractor—G. Palati, 2229 Union St.,
San Francisco. Each \$7000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE SURETY BONDS CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Usual 35 days 3938.75
TOTAL COST, \$18,755
Bond, none. Sureties, none. Forfeited,
none. Limit, 100 days. Plans and
specifications filed.

ELECTRIC FIXTURES
(4889) ALL WORK FOR ELECTRIC
lighting fixtures for directors'
room, etc.
Owner—Pacific Gas & Electric Co., 445
Sutter St., S. F.

Contractor—Roberts Manufacturing Co.,
663 Mission St., S. F.
Filed Nov. 21, 1924. Dated Nov. 13, 1924.
Upon final delivery 85%
30 days after delivery 5%
TOTAL COST, \$13,165

Bond, \$5385. Sureties, Royal Indemnity
Co., forfeited, none. Limit, Jan. 15, 1925.
Plans and specifications filed.

STEEL DOORS
(4890) NW HARRISON AND SPEAR,
NE 75 S W 276. All work to
furnish and erect rolling steel
doors for 6-story reinforced
concrete and warehouse bldg.
Owner—Hills Bros., 175 Fremont St.,
San Francisco.

Architect—George W. Kelham, Sharon
Bldg., S. F.
Contractor—Pacific Materials Co., 525
Market St., S. F.
Filed Nov. 21, 1924. Dated Nov. 18, 1924.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$4453

Bond, \$2330. Sureties, Maryland Casualty
Co., forfeited, none. Limit, Mar.
16, 1925. Plans and specifications filed.

CARPENTRY, ETC.
(4891) 2006 WASHINGTON ST. All
work for carpenter and cabinet
work for installing finish on 8th
floor of apartments.
Owner—E. F. Mackall, 1810 Jackson St.,
San Francisco.

Architect—None.
Contractor—Braas & Kuhn, 1917 Bryant
St., S. F.
Dad Nov. 21, 1924. Filed Oct. 7, 1924.
As job progresses 75%
Usual 35 days 25%
TOTAL COST, \$5000

Bond, sureties, forfeited, none. Limit, 60
days. Plans and specifications not filed.

OFFICES, ETC.
(4892) E BATTERY 29.10 S Clay.
Two-story Class C offices and store.
Owner—Albert F. Knorr, Hobart Bldg.,
San Francisco.

Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.
Contractor—Moller & De Luca, 185
Stevenson St., S. F. \$15,000

DWELLING
(4893) S CORTLAND AVE 46-8 E
Prairie. One-story and basement
frame dwelling.
Owner—Frank Olmo Co., 3359 Mission
St., San Francisco.
Architect—None. \$2500

DWELLING
(4894) W ASHTON AVE 125 S Ocean
Ave. One-story and basement
frame dwelling.
Owner—S. Larsen, 146-A Highland Ave.,
San Francisco.
Architect—None. \$4000

REPAIRS
(4895) MISSION BAY. All work for
repairing roof on machine shop
building.
Owner—Southern Pacific Co., 65 Market
St., San Francisco.
Architect—None.
Contractor—The Robt. F. Smith Co., 433
Clementina St., San Francisco.
Filed Nov. 22, '24. Dated Nov. 15, '24.
On completion 75%
Usual 35 days 25%
TOTAL COST, \$254

Bond, none. Limit, Dec. 5, '24. Forfeited,
plans and specifications, none.

DWELLING
(4896) SE EDINBURGH 90-0 N Ama-
zon. One-story and basement frame
dwelling.
Owner—Martin Smith, 521 Dolores St.,
San Francisco.
Architect—None. \$4000

DWELLING
(4897) W LAGUNA 80 S Balceeta. One-
story and basement frame dwelling.

Owner—Hawkins Improvement Co.,
Mills Bldg., San Francisco.
Architect—O. R. Thayer, 110 Sutter St.,
San Francisco. \$3000

DWELLING
(4898) W ELEVENTH AVE 325 S
Kirkham. One-story and basement
frame dwelling.
Owner—S. E. Brown, 1353 8th Ave., San
Francisco.
Plans by Owner. \$3000

DWELLING
(4899) W THIRTY-FIFTH AVE 50 S
Santiago. One-story and basement
frame dwelling.
Owner—Parkside Realty Co., 618
Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$5000

DWELLING
(4900) SW EDINBURGH 115-9 SE
Amazon. One-story and basement
frame dwelling.
Owner—William Anderson, 2617 Divisa-
dero St., San Francisco.
Architect—None. \$4000

DWELLING
(4901) W THIRTY-SECOND AVE 175
S Santiago. One-story and base-
ment frame dwelling.
Owner—Parkside Realty Co., 618
Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000

STATION
(4902) EAST GORE FIFTEENTH AND
Market. One-story steel auto sup-
ply station.
Owner—Union Oil Co. of Calif., 287
Mills Bldg., San Francisco.
Plans by Owner. \$2000

DWELLING
(4903) E COLLEGE AVE. 45 N St.
Marys Ave. One-story and base-
ment frame dwelling.
Owner—E. W. Varney, 860 Bush St.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000

DWELLING
(4904) W TWENTY-SEVENTH AVE
175 N Judah. One-story and base-
ment frame dwelling.
Owner—Adolph Miller, 991 Valencia
St., San Francisco.
Plans by Owner. \$3000

DWELLING
(4905) E FORTY-EIGHTH AVE 212-6
S Lawton. One-story and basement
frame dwelling.
Owner—O. H. Anderson, 2255 Geary St.,
San Francisco.
Architect—None. \$3000

DWELLING
(4906) E TWENTY-FOURTH AVE 225
S Tavares. One-story and basement
frame dwelling.
Owner—A. Halsen, 37 Fair Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$3000

DWELLING
(4907) W GENEVERN WAY 94 N
Murry. One-story and basement
frame dwelling.
Owner—The Roman Catholic Arch-
bishop of S. F., 1100 Franklin St.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.
Contractor—E. W. Varney, 860 Bush St.,
San Francisco. \$4500

FLATS
(4908) W SIXTEENTH AVE 100 N
Judah. Two-story and basement
frame (2) flats.
Owner—August Iten, 581 Alvarado St.,
San Francisco.
Architect—None.
Contractor—Geo. R. Moren, 3225 Market
St., San Francisco. \$7000

ALTERATIONS & ADDITIONS
(4909) NE GIRARD & WOOLSEY STS.
Alterations, repairs and additions
for club building.
Owner—University Community Service
Club, premises.
Architect—Sylvain Schnalttacher, 233
Post St., S. F. \$6000

ALTERATIONS & REPAIRS
(4910) 2851 22ND ST. ALTERATIONS
and repairs for flats.
Owner—Edw. Serretto, 2859 22nd St.,
San Francisco.
Architect—None.
Contractor—James Low, 76 Coleridge
St., S. F. \$2400

ALTERATIONS
(4911) 1736 GOUGH ST. REPAIR
gravel roof, plastering and floor
repairs for flats.
Owner—Mrs. H. Harris, 1736 Gough St.,
San Francisco.
Architect—None.
Contractor—H. Miller, 180 Jessie St.,
S. F. \$1000

ADDITION
(4912) 3628 19TH ST. ONE-STORY
frame addition for flat.
Owner—Mrs. Bertha E. Johnson, 611
Guerrero St., S. F.
Architect—A. H. Knoll, Hearst Bldg.,
San Francisco.
Contractor—Fontanella & Teza, 41
Sheridan St., S. F. \$3940

DWELLINGS (3)
(4913) W 34TH AVE. 25, 50 & 75 S
Lincoln Way. Three 1-story and
basement frame dwellings.
Owner—Byrd O. Smith, 247 Montgom-
ery St., S. F.
Architect—None. \$4000 ea

DWELLINGS (2)
(4914) N POPE 100 & 126 E MISSION
Two 1-story and basement frame
dwellings.
Owner—A. M. Samuelson, 901 Geneva
Ave., S. F.
Architect—None. \$3900 each

DWELLINGS (2)
(4915) E WATERVILLE 300 & 325
N Augusta. Two 1-story and base-
ment frame dwellings.
Owner—Louis Silverstein, 2471 San
Bruno Ave., S. F.
Architect—None.
Contractor—S. Saari, 200 Felton Street,
San Francisco. \$3000 ea.

LOFTS
(4916) S BRYANT 275 W SEVENTH.
2-story concrete lofts.
Owner—P. E. O'Hair & Co., 557 Mis-
sion St., S. F.
Architect—E. W. Jenkins.
Contractor—Barrett & Hilp, 918 Harri-
son St., S. F. \$35,000

FLATS
(4917) NW FOURTEENTH & Guerrero
Sts. 3-story frame (1) store and
(2) flats.
Owner—John Norton, % architect.
Architect—Carl Geilfuss, 417 Dewey
Bldg., S. F. \$9500

BUILDING
(4918) W FOUT AVE. 42.50 SE TWIN
Peaks Blvd. S 40.65 S 70° 26' 44" W
100 N 40 W 73° 26' 44" 107.26 to beg.
lot 2 blk. A Ashbury Park Tract.
All work except finish hdw., elec-
trical work, painting, heating and
glass and glazing for 2-story and
basement frame bldg.
Owner—R. T. Joslin, 85 Buena Vista
Terrace, S. F.
Architect—E. A. Cantin, 68 Post St.,
San Francisco.
Contractor—Elliott & Grant, 180 Jes-
sie St., S. F.

Filed Nov. 24, 1924. Dated Nov. 21, 1924.
Frame and rusted and sheath-
ing on \$1802.40
Ready for lathing 1602.40
Plastering finished 1602.40
Completed 2136.50
Usual 35 days \$1854.60
TOTAL COST, \$8546
Bond, \$4273 in favor of Maryland Casu-
alty Co. & \$4273 in favor of owner,
Maryland Casualty Co., forfeited, \$5.00.
Limit, 100 days after Nov. 24, 1924.
Plans and specifications filed.

COTTAGE
(4919) E SHAFTER 225 S LANE. One-
story and basement cottage.
Owner—Spiro Zammitt, 1474 Van Dyke
Ave., S. F.
Architect—None.
Contractor—Philip Fetz, 460 Wilde Av.,
San Francisco.
Filed Nov. 24, 1924. Dated Sept. 5, 1924.
Roof on \$1800
Plaster finished 1050
Usual 35 days Balance
TOTAL COST, \$3850

Bond, \$2000. Sureties, Frank Guttler & Mary Demeter, Forfelt, none. Limit, Dec. 30, 1924. Plans and specifications filed.

FLATS
(1920) E 12TH AVE. BET. GRADY & Clement. Two-story and basement frame dwelling. (1918)
Owner—Robert & Elsie Aaron, 268 9th Ave., S. F.
Architect—Gustavo Adler, 562 19th Av., San Francisco.
Contractor—Thomas M. Jones, 3767 Arden St., S. F.
Filed Nov. 24, 1924. Dated Nov. 10, 1924.
Payments of 75% on 24th of each month.
25% on 30 days after

TOTAL COST, \$5575
Bond, \$4790. Sureties, Morris J. Jones & Annie M. Jones. Forfelt, none. Limit, Feb. 25, 1925. Plans and specifications filed.

FRAME BLDG.
(1921) W. TAYLOR ST. 78-9 N. Greenwood
N 28 x W 137-6. A¹ work except lighting fixtures, shades and gas furnace for 1-story and basement frame building.
Owner—John A. Taylor and Jefferson Sts., S. F.
Architect—Paul F. DeMartini, 946 Broadway, S. F.
Contractor—John Harder, 870 39th Ave., San Francisco.
Filed Nov. 24, 1924. Dated Oct. 11, 1924.
Frame up \$2155
Brown coated 2125
Completed and accepted 2500
Usual 35 days 2500
TOTAL COST, \$8880

Bond, \$310. Sureties, The Fidelity & Casualty Co., Forfelt, none. Limit, 90 days after Oct. 14, 1924. Plans and specifications filed.

ALTERATIONS & ADDITIONS
(1922) W. 21ST AVE. 200 N. ANZA
25 x 120. Alterations and additions on 2-story and basement frame building.
Owner—Fred Wilt, 463 21st Ave., S. F.
Architect—Plans by owner.
Contractor—Thompson & Stoneson Bros., 2220 Sacramento St., S. F.
Filed Nov. 24, 1924. Dated Nov. 24, 1924.
Frame up 1500
Brown coated 1500
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, \$6000

Bond, none. Sureties, none. Forfelt, none. Limit, 90 days. Plans and specifications, none.

(1923) S GEARY 30 W 42ND AVE. 2-story and basement frame dwlg.
Owner—T. S. Christensen and N. T. Olsen, 1440 Clement St., S. F.
Architect—None.
Contractor—Theodore Christensen, 1440 Clement St., S. F. \$5000

DWELLING
(1924) E THIRTY-FIFTH AVE. 50 S. Anza. 1-story and basement frame dwelling.
Owner—E. P. Burhaus, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000

DWELLING
(1925) S MAYNARD 320 W. Crant. 1-story and basement frame dwelling
Owner—Patrick Horgan, 915 Pierce St., San Francisco.
Architect—None. \$4000

ALTERATIONS
(1927) 414 FOURTEENTH ST. Re-model for college building.
Owner—College of Physicians and Surgeons, Prentiss.
Architects and Contractors—Frehe & Porlith, 620 Merchant St., S. F. \$3000

DWELLING
(1928) N JOOST AVE. 275 W. Edna. 1-story and basement frame dwelling
Owner—W. E. Grosman, 47 Curtis St., San Francisco.
Architect—None. \$2750

ALTERATIONS
(1929) 1423 STEINER ST. Minor additions and alterations for dwlg.
Owner—R. J. Coble, 1423 Steiner St., San Francisco.
Plans by Owner. \$2500

ALTERATIONS
(1930) 916 KEARNEY ST. Alterations for restaurant.
Owner—Commercial Center Realty Co., 916 Kearney St., S. F.
Architect—Kearney St., S. F.
Contractor—R. A. Crothers, 916 Kearney St., S. F. \$4500

FLATS
(1931) W. MALLORCA WAY 187-6 Chestnut. Two-story and basement frame (2) flats.
Owner—Lang Realty Co., Chestnut & Steiner Sts., S. F.
Architect—Plans by owner. \$9000

DWELLING
(1932) W. 25TH AVE. 325 N. BALBOA One-story and basement frame dwelling.
Architects—Klute & Geo. Becker, % Contractors.
Over and under, Napa.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$4000

DWELLINGS (4)
(1933) W. 25TH AVE. 325 N. BALBOA 300 N. Balboa. Four 1-story and basement frame dwellings.
Owner—Wm. Klute & Geo. Becker, % Contractors.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$2000 each

DWELLING
(1934) SE AVILLA & ALHAMBRA One-story and basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$5000

DWELLINGS (2)
(1935) W. AVILLA 57 N. CRESTNUT SW Alhambra Blvd. & Terra St. Two 1-story and basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$4000 each

(1936) W. AVILLA 50 N. CHESTNUT Two-story and basement frame (2) flats.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$7000

STORE & APTS.
(1937) N. COMMERCIAL 90-3 E. Kearney. Three-story and basement concrete store and apts.
Owner—Lee Doo, 593 Market St., S. F.
Architect—Erle J. Osborne, Balboa Building, S. F.
Contractor—P. Sartorio, 1849 Chestnut St., S. F. \$11,000

FLATS
(1938) S. CLAY 112-6 W. WALNUT. 10-story and basement frame (4) flats.
Owner—M. Sheftel & Sons, 3201 Washington St., S. F.
Architect—Klaus Adler. \$12,000

STORE & LOFTS
(1939) S MARKET 140 W. 10TH. Four-story and basement brick stores & lofts.
Owner—Symon Bros., 1525 Market St., San Francisco.
Architect—None. —not stated.

BUILDING
(1940) LOT 8 BLK. 19 EXCELSIOR Hd. Assn. Two-story and basement frame building.
Owner—George & Annie Marcantelli, 205 1/2 Brazil St., S. F.
Architect—Plans by owner.
Contractor—Henry Stoneson, 141 Lower Terrace, S. F.

Filed Nov. 25, 1924. Dated Nov. 24, 1924.
Concrete foundation in \$750
Bank loan in installments as specified in loan 3500
Balance assumed by contractor by 2nd mtg. payable 75% per month

TOTAL COST, \$5925
Bond, \$3000. Sureties, The Greater City Lumber Co., Forfelt, none. Limit, 120 days. Plans and specifications, none.

LOADED

(1941) BET. RAILROADS TUNNELS 3 & 4 bet. Williams Ave. & Paul Ave. bet. Railroad Ave. & Railroad main line tracks. Roadbed for industrial tracks.
Owner—Southern Pacific Co., 65 Market St., S. F.

ARCHITECT—None
Contractor—Industrial Construction Co., 815 Bryant, S. F.
Filed Nov. 25, 1924. Dated Nov. 15, 1924.
Payments at close of ea. mo. 75%
Usual 35 days 25%
TOTAL COST, 60c per cubic yard, approximately 3330 cubic yards.
Bond, \$1998. Sureties, Union Indemnity Co., Forfelt, none. Limit, none. Plans and specifications filed.

ROOFING
(1942) E MARKET & BEALE NE 137-8 x SE 138-2. Furnishing and laying of large Cordova terra cotta roofing tile for main roof of general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.

Contractor—Gladding McBean & Co., 660 Market St., S. F.
Filed Nov. 25, 1924. Dated Sept. 30, '24.
Payments as work progresses 75%
Usual 35 days 25%

TOTAL COST, \$1800
Bond, \$2500. Sureties, Indemnity Ins. Co. of North America, Forfelt, none. Limit, due diligence. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Nov. 19, 1924—LOTS 10 AND 11 BLK. 3081, Map of Blks. 3080 & 3085, Woodward Highlands. Hans and Esther E. Nelson to whom it may concern Nov. 14, 1924

Nov. 19, 1924—E. LAND AVE. 250 N. CLAY 25 x E 25. Skelly Estate Co. to Meyer Bros. Nov. 6, 1924

Nov. 19, 1924—E. PRESIDIO AVE. 97-24 S. Jackson S. 30.6 x E 100.11. Harry J. Dempsey to A. R. Larsen or Larson Nov. 19, 1924

Nov. 19, 1924—W. GUERRERO AND 14th W. 44-44-137-6. John Grenet to Fred Miller Nov. 7, 1924

Nov. 19, 1924—N. FILLMORE 101-10 W. Jones 44-44-137-6. A. Simon to Devenant Bros. Nov. 15, 1924

Nov. 19, 1924—E. TWENTYFIFTH AVE. 100 N. Lawton N. 25 x E 100. Leslie Wright to whom it may concern Nov. 8, 1924

Nov. 19, 1924—W. FORTY-SEVENTH AVE. 50 N. Fulton N. 25 x W. 82-6. Charles Pietrantonio to whom it may concern Nov. 17, 1924

Nov. 19, 1924—W. FORTYEIGHTH AVE. 245 and 270 S. Judah. Charles and Christian Andersen to whom it may concern Nov. 18, 1924

Nov. 19, 1924—N. HOWARD 135 W. Tenth 50 x 90. Louis A. Giacobbi to James H. Hjul Nov. 15, 1924

Nov. 19, 1924—E. HARE 120 N. 21-9 m. 90-1 E 130 S. 41-8. Parkside Realty Co. of S. F. to whom it may concern Nov. 15, 1924

Nov. 19, 1924—W. SCOTT 150-175 N. Chestnut 25 x 89-9. Sharboro to whom it may concern Nov. 18, 1924

Nov. 20, 1924—W. THIRTY-FOURTH AVE. 160 S. Taraval W. 120 S. 41-8. Parkside Realty Co. of S. F. to whom it may concern Nov. 19, 1924

Nov. 20, 1924—SW. TARAVAL 150-175 N. Chestnut 25 x 89-9. Sharboro to whom it may concern Nov. 19, 1924

Nov. 20, 1924—E. THIRTY-SECOND AVE. 250 and 320 N. Taraval N. 25 x 120 each. Parkside Realty Co. of S. F. to whom it may concern Nov. 19, 1924

Nov. 20, 1924—W. NINTH AVE. 40 S. Lawton. Ward P. Brown to August Halgren Nov. 20, 1924

Nov. 19, 1924—E. TWENTY-SECOND AVE. 160 S. Lincoln Way S. 24 x E 120. Julia Carty to Meyer Bros. Nov. 6, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Decedent	Amount	
Nov. 19, 1924—W BAKER 112-6 N Hayes N 25 x W 112-6. Terry & Berg vs. A. Schneider and E. K. Nelson	\$50.	
Nov. 19, 1924—W HARRISON AND Seventh NW 30xSW 85. J Gorius vs W J Jackson, Katherine Hobbs and Sarah L Hogan	\$24.	
Nov. 19, 1924—W BAKER 112-6 N Hayes N 25xW 121-104. United Materials Co vs Alois Schneider, E K Nelson and Julius Thorne	\$60.	
Nov. 19, 1924—E FUNSTON AVE 125 S Gess vs 27-6 E BAKER 110 N Herbert A and Eugene F Itrich vs Sam and Mary Sawlaw	\$	
Nov. 20, 1924—SE BRODERICK AND Armitage vs S 27-6x 82-6. Wm H	\$20.	
Nov. 20, 1924—W BAKER 112-6 N Hayes N 25xW 121-104. Palace Hardware Co vs Alois Schneider	\$264.	
Nov. 19, 1924—W BAKER 112-6 N Hayes N 25 x W 121-104. Eureka Sash, Door & Moulding Mill Corp. vs. Alois Schneider and E. K. Nelson	\$274.14	
Nov. 19, 1924—W BAKER 112-6 N Hayes N 25 x W 121-104. E. K. Leonard, surviving member Leonard Lumber composed of Thomas Leonard and now deceased, vs. E. K. Leonard vs. Alois Schneider and E. K. Nelson	\$185.75	
Nov. 21, 1924—NE FILBERT AND P. J. Brown vs. E. K. Nelson	\$90 x E 70. North Beach Auto Hauling vs. Sam Allard and Ray Bach	\$154.80
Nov. 21, 1924—W 14TH AVE. 250 S Clement S 25 x W 120. R. Miller vs. J. J. Ebbe	\$245.	
Nov. 21, 1924—W 14TH AVE. 250 S Fulton N 25 x W 127. A. O'Brien vs. A. Elburg and P. Carlson	\$393.	
Nov. 21, 1924—W BAKER 110 N Hayes N 27.6 W 121-104. Hart E. Pearson vs. Alois Schneider and E. K. Nelson	\$552.	
Nov. 24, 1924—E THIRTY-EIGHTH AVE 75 S 27-6x 82-6. J. H. Brown vs Charles H. Gans	\$258-62	
Nov. 24, 1924—E TWELFTH AVE. 250 S 27-6x 82-6. J. H. Brown vs Charles H. Gans	\$175	
Nov. 24, 1924—E TWELFTH AVE. 250 S 27-6x 82-6. J. H. Brown vs Charles H. Gans	\$175	
Nov. 21, 1924—S LOMBARD 87-10 E Divisadero S 100 x E 25. Guy L. Salvo vs. Salvatore Morel and Lumber Co. vs Salvatore Morel	\$75	
Nov. 21, 1924—LOT 47 BLK 2884 known as No. 135 Magellan Ave. A Cook and L L Young (as Partners) vs. Martel & Mil Co. J. M. J. Malville and McCauley & Weber	\$127.50	
Nov. 24, 1924—W BAKER 112-6 N Hayes N 25xW 121-104. Lowry & Daly vs Alois Schneider and E K Nelson	\$464	
Nov. 24, 1924—S CALIFORNIA 154-9 S Jones W 4xS California 51-6x S J. C. Jones vs Cassotto vs Christopher and Mary Petersen	\$4276.55	

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded

Nov. 25, 1924—NW O'FARRELL and Amount
Shannon W 56 x N 112-6, Loop
Lumber Co. to Fifth Church of
Christ Scientist and John Morton
Nov. 25, 1924—NINETEENTH Ave
125 S Cabrillo S 25E 120, B E
Gillon to George and Belle Guthrie
W B and Jane Doe Poyner and
Frank Zichosch

Nov. 25, 1924—L. COLMAN W 50
E 26th Ave E 25S 100, National
Plumbing Supply Co to Elizabeth
and Wm Eitner, Emma Lutley, D
J Easley and J W McKellar.

Nov. 21, 1924—NW 25th and KAN-
SAS 25 x W 100, R. E. Hendricks
to Herman J. Vidak.

Nov. 19, 1924—NE TURK and FILL-
more E 137.6 x E 137.6, Friedman
Bro. to R. E. Hendricks, Rebuilding Co.
and Interstate Casualty

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BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

contracts in this issue.				
6088	Geary	Owner	9600	
6089	Woodburn	Owner	4000	
6091	Silverman	Scott	1000	
6092	Bramlage	Bramlage	4000	
6093	Timoney	Owner	3000	
6094	Ladlow	Health	10938	
6095	Hebrank	Pfrang	9150	
6096	Hanson	Hanson	4000	
6097	Wierk	Owner	6000	
6098	Ostfeld	Noble	6000	
6099	Noble	Owner	5000	
6100	Woods	Owner	1800	
6101	Weinmann	Thorp	2750	
6102	Junca	Morrillat	3000	
6103	Carter	California	Owner	3600
6104	Garello	Owner	3600	
6105	Kamp	Brown	5000	
6106	Morgan	David	5838	
6107	Craw	Rose	3000	
6108	Johnson	Gow	3500	
6109	Olsen	Peterson	5500	
6110	Kessler	Binet	7000	
6111	Benfer	Owner	2500	
6112	Petersen	Frederickson	2400	
6113	Adamski	Adamski	7000	
6114	Travis	Owner	3600	
6115	Oakland	Oakland	1500	
6116	Tweed	Carper	12000	
6117	Long	McLaughlin	15000	
6118	Ladlow	Health	10938	
6119	Pettis	Owner	7000	
6120	MacGregor	Owner	7600	
6121	Grunewald	Owner	2500	
6122	Grunewald	Owner	2600	
6123	Ahnfeld	Owner	3800	
6124	O'Neill	Lawton	7000	
6125	Roseberg	Owner	3500	
6126	Phillips	Trow	6000	
6127	Smyth	Bald	8500	
6128	Anderson	Owner	6000	
6129	Sommarstrom	Sommarstrom	6000	
6130	Pacific	Ohrenberg	1500	
6131	McCord	Owner	3200	
6132	Thurber	Baird	3000	
6133	Swain	Marshall	3051	
6134	Cheney	Owner	1000	
6135	Wilson	Wilder	2750	
6136	Nan Kirk	Nickell	5000	
6137	Rawlins	Owner	3000	
6138	Marquis	Owner	3000	
6139	Berkeley	Owner	4000	
6140	Werner	Owner	2900	
6141	Mehrtens	Thiele	2800	
6142	Thiele	Thiele	3000	
6143	Randall	Thomas	8000	
6144	Richel	Flittner	8000	
6145	Hatta	Halm	2000	
6146	Pack	Owner	3000	
6147	Warner	Owner	2000	
6148	Bateman	McCallum	1750	
6149	Weber	Furlong	7500	
6150	Alexander	Rich	3150	
6151	Lagario	Whittaker	14000	
6152	Hansen	Broadway	3300	
6153	Key	Lawrence	3656	
6154	Close	Rogers	2875	
6155	Pierce	Franzen	3800	
6156	Flagg	Owner	3500	
6157	Heikok	Burton	3150	
6158	Leonardo	Owner	1200	
6159	Wise	Owner	3150	
6160	Abel	Owner	3250	
6161	Neigenfind	Owner	3000	
6162	Lefler	K'hle	4000	
6163	Petreira	St. Mary	4250	
6164	Watkins	Owner	3650	
6165	Kurkjian	Owner	1000	
6166	Graham	Yerrick	13000	
6167	Whaley	Owner	7500	
6168	Hufschmidt	Owner	3750	
6169	Alden	Pearson	2200	
6170	Felt	Owner	2500	
6171	Patterson	Owner	3500	
6172	Hutton	Peterson	7500	
6173	Green	Owner	5000	
6174	Stringer	Owner	4000	
6175	Furman	Reel	2000	
6176	Shaw	Owner	2800	
6177	Tiedemann	Petersen	7000	
6178	Spagnoli	Gass	5000	
6179	Smith	Owner	5000	
6180	Kent	Owner	3500	
6181	Lindquist	Owner	6000	
6182	Lesure	Owner	4500	
6183	Bankero	Owner	1500	
6184	Foreman	Foreman	2150	
6185	La Paugh	Lodge	3750	
6186	Rugg	Owner	4000	
6187	Del Vigne	Iscaardi	4300	
6188	Ventura	Christensen	12000	
6189	Ventura	Christensen	2500	
6190	Ventura	Christensen	8000	
6191	Ventura	Christensen	7000	
6192	Ventura	Christensen	4000	
6193	Stokes	Lydicker	20300	

DWELLINGS
(6092) NO. 3035, 3037 and 3041 FULTON ST., Berkeley. Three one-story 5-room dwellings.
Owner—John Geary, 1615 Grand Ave., Oakland.
Architect—Thomas Bros., 12th and Clay Sts., Oakland. \$3200 each

DWELLING
(6099) NO. 411 BOYNTON ST., Berkeley. One-story 6-room dwlg.
Owner—R. Woodburn, 1227 Euclid Ave., Berkeley.
Architect—None. \$4000

ALTERATIONS
(6091) NO. 3066-68 CLAREMONT AVE., Berkeley. Alterations and additions.
Owner—Mrs. Silverman, 3066 Claremont Ave., Berkeley.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. \$2000

DWELLING
(6092) NO. 1245-47 MONTEREY ST., Berkeley. One-story 8-room dwlg.
Owner—Mabel Bramlage, 649 Arlington Ave., Berkeley.
Architect—None.
Contractor—E. Bramlage, 649 Arlington Ave., Berkeley. \$4000

DWELLING
(6093) NO. 1425 CHANNING WAY, Berkeley. One-story 4-room stucco dwelling.
Owner—E. Timoney, 552 62nd St., Berkeley.
Architect—L. Hyde, Lake Side Blvd., Berkeley. \$2000

DWELLINGS (2)
(6094) S MONTANA ST., 35 & 76 E Adell Court Oakland. Two 1-story 5-room dwellings.
Owner—F. Flashman, Oakland.
Architect—None.
Contractor—J. A. Stanley, 1434 45th Ave., Oakland. \$3500 ea.

RESIDENCE
(6095) NO. 20 SHARON AVE., Piedmont. Residence and garage.
Owner—Charles Hebrank, 3020 Broadway, Oakland.
Architect—None.
Contractor—C. J. Pfrang, 480 Forest St., Oakland. \$9150

RESIDENCE
(6096) NO. 214 SUNNYSIDE AVE., Piedmont. Residence and garage.
Owner—Nellie M. Hanson, 672 Santa Ray Ave., Oakland.
Architect—None.
Contractor—E. S. Hanson, 672 Santa Ray Ave., Oakland. \$4000

(6097) NO. 85 SPRING AVE., Piedmont. Residence and garage.
Owner—Nick Wierk, 404 45th St., Okd.
Architect—Lawrence Flagg Hyde. \$6000

RESIDENCE
(6098) NO. 113 PALM AVE., Piedmont. Residence and garage.
Owner—Ostfeld & James, 1426 Franklin St., Oakland.
Architect—Harry C. Knight, 1326 Franklin St., Oakland. \$6000

DWELLING
(6099) NO. 1025 LEWELLING COURT, Alameda. One-story 8-room dwlg.
Owner—H. Noble, 1336 Park St., Alameda.
Architect—None. \$5000

DWELLING
(6100) NO. 2158 LINCOLN AVE., Alameda. One-story 4-room dwelling.
Owner—W. E. Woods, 2154 Lincoln Ave., Alameda.
Architect—None. \$1800

ALTERATIONS
(6101) NO. 705 GRAND ST., Alameda. Alterations and additions.
Owner—W. L. Weinmann, Premises.
Architect—None.
Contractor—V. E. Thorp, 1718 Alameda Ave., Alameda. \$2750

APARTMENTS
(6102) NO. 2805 ENCINAL AVE., Alameda. Two-story 5-room apartments.
Owner—Jerman Junca, Encinal and Versailles Aves., Alameda.
Architect—None.
Contractor—P. Morrillat. \$6300

STORES
(6102) N FOOTHILL BLVD., 160 E 38th Ave., Oakland. One-story stores.
Owner—W. R. Carter, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$3000

DWELLING
(6104) 4315 MARKET ST., OAKLAND. One-story 5-room dwelling.
Owner—R. Garello, 870 47th St., Oakland.
Architect—None. \$3600

DWELLING
(6105) NE COR. ROBERTS & 58TH Aves., Oakland. One-story 5-room dwelling.
Owner—Mr. & Mrs. R. C. Kamp, Oakland.
Architect—None.
Contractor—G. L. Brown, 601 American Bank Bldg., Oakland. \$5000

FIRE REPAIRS & ALTERATIONS
(6106) 1442 EXCELSIOR AVE., OAKLAND. Fire repairs and alterations.
Owner—Mary C. Morgan, 1442 Excelsior Ave., Oakland.
Architect—None.
Contractor—W. J. David, 1500 Hampel St., Oakland. \$5898

FIRE REPAIRS
(6107) 325 LEWIS ST., OAKLAND. Fire repairs.
Owner—Warren B. Crow.
Architect—None.
Contractor—A. H. Rose, 478 25th St., Oakland. \$3000

(6108) N HARDY ST., 241 W MILES Ave., Oakland. One-story 5-room dwelling.
Owner—Walter O. Johnson, 434 Hardy St., Oakland.
Architect—None.
Contractor—Andrew B. Gow, 501 Hardy St., Oakland. \$3500

DWELLING & STORE
(6109) SW COR. 64TH & VALEJO ST., Oakland. Two-story 7-room dwelling and store.
Owner—Capt. A. Olsen, 1130 Ocean St., Oakland.
Architect—None.
Contractor—J. E. Peterson, 2111 Byron St., Berkeley. \$5500

(6110) 2828 & 30 EAST 15TH STREET OAKLAND. Two-story 10-room flats.
Owner—Mrs. M. Kessler, Fairfax.
Architect—None.
Contractor—John J. Binet, 336 Church St., S. F. \$7000

STORES
(6111) NE 14TH ST., 85 E 61ST AV., Oakland. One-story stores.
Owner—Myron Benfer, 1805 Alice St., Oakland.
Architect—None. \$2500

ALTERATIONS
(6112) 1211 EAST 34TH ST., OAKLAND. Alterations.
Owner—C. T. Peterson, 121 East 34th St., Oakland.
Architect—None.
Contractor—K. S. Frederickson, 16 Bonita Ave., Piedmont. \$3400

DWELLING
(6113) S ARDMORE AVE., 250 W Mandana Blvd., Oakland. Two-story 7-room dwelling.
Owner—M. Adamski, 3404 Maine Street, Oakland.
Architect—None.
Contractor—W. Adamski, 3404 Maine St., Oakland. \$7000

DWELLING
(6114) N PENNIMAN AVE., 300 E 35th Ave., Oakland. One-story 6-room dwelling.
Owner—Edwin E. Travis, 3045 Humboldt Ave., Oakland.
Architect—None. \$3600

REFRIGERATOR
(6115) 1919 TELEGRAPH AVE., Oakland. Refrigerator.
Owner—Oakland Palace Public Mkt., 19th & Telegraph, Oakland.
Architect—None.
Contract—Oakland Ref. & Butcher Supply Co., 1622-23 East 12th St., Oakland. \$1500

FLATS
(6116) NW COR. GREENWOOD & Hampel St., Oakland. Two-story 12-room flats.
Owner—Henry E. Tweed, 1124 Hampel St., Oakland.
Architect—None.
Contractor—J. P. Carper, 1124 Hampel St., Oakland. \$12,000

FLATS
(6117) 870-72 ERIE ST., OAKLAND. Two-story 10-room flats.
Owner—Katherine Long.
Architect—Wallace A. Stephen, 251 Kearny St., S. F.
Contractor—Jas. L. McLaughlin, 251 Kearny St., S. F. \$10,000

DWELLING & GARAGE
(6118) GUILFORD PLACE, LOT 1, Piedmont. General construction on 1½-story frame dwelling and garage.
Owner—Augusta W. Laidlow, 841 Erie St., Oakland.
Architect—H. H. Guttererson, 526 Powell St., S. F.
Contractor—Heath & Wendt, 516 Am. Bank Bldg., Oakland.
Filed Nov. 19, 1924. Dated Oct. 30, 1924.
When frame is up \$247.25
When brown coated 247.25
When completed 247.25
Usual 35 days 247.25
TOTAL COST, \$10,939
Bond, none. Sureties, none. Forfeit, \$5 per day. Limit, 100 working days. Plans and specifications filed.

DWELLING
(6119) 608 612 NEILSON ST., Berkeley. 2 1-story 5-room dwellings.
Owner—R. Pettis, 2315 Edwards St., Berkeley.
Architect—E. Teicheria, 2336 Edwards St., Berkeley. \$3500 each

DWELLING
(6120) 1555 & 1565 STANNAGE, Berkeley. 2 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 15th St., Oakland.
Architect—None. \$3800 each

DWELLING
(6121) 2734 MATHEWS ST., Berkeley. 1-story 6-room dwelling.
Owner—F. Grunewald, 5358 Bryant St., Oakland.
Architect—None. \$2900

DWELLING
(6122) 2738 MATHEWS ST., Berkeley 1-story 5-room dwelling.
Owner—F. Grunewald, 5358 Bryant St., Oakland.
Architect—None. \$2600

DWELLING
(6123) 1051 MERCED, Berkeley. 1-story 6-room dwelling.
Owner—Harry Ahnfeld, 1969 Marin Ave., Berkeley.
Contractor—Harry Ahnfeld, 1969 Marin Ave., Berkeley. \$3800

STORES
(6124) 2522-24 BANCROFT WAY, Berkeley. Stores (concrete and brick).
Owner—M. O'Neill.
Architect—Hutchinson & Wills.
Contractor—Lawton & Vezev, 357 12th St., Oakland. \$7000

DWELLING
(6125) 1527 EAST 31ST ST., Oakland. One-story 5-room dwlg.
Owner—August Rosenberg, 1712 4th Ave., Oakland.
Architect—None. \$3200

DWELLING
(6126) 335 WARWICK AVE., OAKLAND. One-story 6-room dwlg.
Owner—F. Phillips, 71 Pearl St., Oakland.
Architect—None.
Contractor—Chas. C. Trow, 533 Apgar St., Oakland. \$6000

PARISH HALL
(6127) SW COR. HIGH & GUILLEY Sts., Oakland. One-story parish hall.
Owner—Rev. John Smyth, 3417 High St., Oakland.
Architect—None.
Contractor—P. J. Bald, 1657 35th Ave., Oakland. \$8500

DWELLINGS (2)
(6128) 6349 & 3255 MILLS STREET, Oakland. Two 1-story 6-room dwellings.
Owner—A. T. Anderson, 2248 62nd Ave., Oakland.
Architect—None. \$3000 ea.

STORES
(6129) SE COR. PEARL & WALSWORTH. One-story stores.
Owner—Esther M. Sommarstrom, 738 East 17th St., Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 1418 Franklin St., Oakland. \$6000

DISPLAY ROOM
(6130) NW COR. LINDEN & 40TH Sts., Oakland. One-story display room.
Owner—Pacific Graphite Works, Oakland.
Architect—None.
Contractor—H. A. Ohrenberg, 5603 Beaudry St., Oakland. \$1500

DWELLING & GARAGE
(6131) 5607 EAST 17TH ST., OAKLAND. One-story 5-room dwelling and garage.
Owner—T. J. McCord, 4741 East 14th St., Oakland.
Architect—None. \$3200

(6132) N MAJESTIC AVE., 337 W 62nd Ave., Oakland. One-story 4-room dwelling.
Owner—Walter M. Thurber, 3370 62nd Ave., Oakland.
Architect—None.
Contractor—A. Baird, 1721 69th Ave., Oakland. \$3000

(6133) N THORN RD., 1200 W MORAGA, Oakland. One-story stores.
Owner—C. F. Swain, 1520 Madison St., Oakland.
Architect—Guy L. Brown, American Bank Bldg., Oakland.
Contractor—A. F. Marshall, Oakland. \$3051

ALTERATIONS
(6134) 1325 5TH AVE., OAKLAND. Alterations.
Owner—E. L. Cheney, 1825 5th Ave., Oakland.
Architect—None. \$1000

DWELLING & GARAGE
(6135) E 79TH AVE., 181 N RUDSDALE ST., Oakland. One-story 4-room dwelling and garage.
Owner—Mrs. L. E. Wilson, 324 105th Ave., Oakland.
Architect—None.
Contractor—Wm. Wilder, 341 105th Ave., Oakland. \$2750

DWELLING
(6136) NO. 1936 LOS ANGELES AVE., Berkeley. One-story 6-room dwlg.
Owner—Mrs. Van Kirk, 2117 Rose St., Berkeley.
Architect—J. Olsen.
Contractor—G. Nickell, 1902 85th Ave., Oakland. \$5000

(6137) NO. 1536 VIRGINIA ST., Berkeley. One-story 5-room dwelling.
Owner—L. Rawlins, 4811 San Pablo Ave., Oakland.
Architect—C. F. Boomhouse. \$3000

DWELLING
(6138) NO. 1208 MONTEREY ST., Berkeley. One-story 6-room dwelling.
Owner—P. E. Marquise, 2045 Shattuck Ave., Berkeley.
Architect—None. \$3000

DWELLING
(6139) NO. 1716 SONOMA ST., Berkeley. One-story 5-room dwelling.
Owner—Berkeley Bldg. Co., 2029 Shattuck Ave., Berkeley.
Architect—None. \$1000

DWELLING
(6140) NO. 2807 PARK ST., Berkeley. One-story 6-room dwelling.
Owner—Chas. Werner, 2416 10th St., Berkeley.
Architect—None. \$2500

DWELLING
(6141) NO. 1822 PACIFIC AVE., Alameda. One-story 4-room dwelling.
Owner—H. G. Meurkens, 1536 Webster St., Alameda.
Architect—None.
Contractor—A. J. Thiele 3221 Thompson Ave., San Francisco. \$2800

DWELLING
(6142) POUNTAIN & WASHINGTON Sts., Alameda. One-story 6-room dwelling.
Owner—A. J. Thiele, 3221 Thompson Ave., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thompson Ave., Alameda. \$5000

DWELLING
(6143) NO. 1818 AND 1820 ENCINAL AVE., Alameda. Four one-story 3-room dwellings.
Owner—Mrs. I. F. Randall, 1818 Encinal Ave., Alameda.
Architect—None.
Contractor—C. H. Thomas, 28 Home Pl., Oakland. \$2000 each

DWELLINGS
(6144) NO. 3110 AND 3112 ADAMS ST., Alameda. Two one-story 6-room dwellings.
Owner—Riechel & Bredhoff, 2509 Clement Ave., Alameda.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland. \$4000 each

DWELLING
(6145) NO. 349 105TH AVE., Oakland. One-story 4-room dwelling.
Owner—Henry Hatta, Premises.
Architect—None.
Contractor—A. Halm, 348 Hollywood Blvd., Oakland. \$2000

DWELLING
(6146) NO. 2207 SIXTY-FOURTH AVE., Oakland. One-story 5-room dwlg.
Owner—W. E. Pack, 407 44th St., Oakland.
Architect—None. \$3000

DWELLING
(6147) NO. 3859 WHITTLE AVE., Oakland. One-story 4-room dwelling.
Owner—R. D. Warner, 3867 Whittle Ave., Oakland.
Architect—None. \$2000

ALTERATIONS
(6148) NO. 2702 NINTH AVE., Oakland. Alterations.
Owner—H. M. Bateman, 2711 13th Ave., Oakland.
Contractor—N. McCallum, 877 Mead Ave., Oakland. \$1750

STORES
(6149) E TELEGRAPH AVE 37 S 43rd St., Oakland. One-story stores.
Owner—Wehre Estate, 4294 Telegraph Ave., Oakland.
Architect—None.
Contractor—T. F. L. Furlong, 961 Kingston Ave., Oakland. \$7500

APARTMENTS
(6150) S PERRY 60 W Grand, Oakland. Three-story 26-room apartments.
Owner—H. Alexander, 2327 Bush St., San Francisco.
Architect—None.
Contractor—Jas. L. Rich, 743 Hillgirt Circle, Oakland. \$31,500

APARTMENTS
(6151) W SAN PABLO 50 S 60th St., Oakland. Two 15-room tile apartments and stores.
Owner—M. Lagario & Bros., 939 3rd St., Oakland.
Architect—None.
Contractor—L. H. Whittaker, La Vista Apts., Oakland. \$14,000

BUILDING
(6152) LOT A BLK 7, Resub. of Blks. 5, 6, 7 and 8, Northlands Tract No. 1, Berkeley. All work for building.
Owner—George T. and Elaine Hansen, Oakland.
Architect—None.
Contractor—Wm. Broadway, 3432 Salisbury St., Oakland.
Filed Nov. 22, '24. Dated Aug. 11, '24.
Foundation laid and frame up. \$975
Plastered 875
Completed 975
Usual 35 days 875

Bond, none. Limit, 75 working days from Aug. 11, 1924. Forfeit, plans and specifications, none.

STATION BLDG.
(6153) OAKLAND & JEROME AVES., Piedmont. All work for station building.
Owner—Key System Transit Co., 22nd and Grove Sts., Oakland.
Architect—Chas. W. McCall and Chas. T. Davis, 1404 Franklin St., Okd.

Contractor—C. H. Lawrence, 5321 Lawton St., Oakland.

Filed Nov. 21, '24. Dated Nov. 13, '24.

75% of work in place..... 70%
When completed..... 5%
Usual 35 days..... 25%
TOTAL COST, \$3668

Bond, \$—, Sureties, Matilda Lawrence and Mrs. C. L. Jett. Limit, 40 working days from issuance of permit. Forfeit, none. Plans and specifications filed.

DWELLING & GARAGE
(6154) 3572 MEADOW ST., OAKLAND
One-story 4-room dwelling and garage.

Owner—J. E. Close, 1636 80th Avenue, Oakland.
Architect—None.
Contractor—C. A. Rogers, 307 21st St., Oakland. \$2575

DWELLING
(6155) W AUSEON AVE., 95 S HOLY-MOUTH ST., Oakland. One-story 5-room dwelling.

Owner—Gordon D. Pierce, 1244 103rd Ave., Oakland.
Architect—None.
Contractor—C. H. Franzen, 2415 99th Ave., Oakland. \$3600

DWELLING
(6156) 2469 BEST AVE., OAKLAND.
One-story 5-room dwelling.

Owner—A. J. Flagg, 2501 Best Avenue, Oakland.
Architect—None. \$3500

DWELLING & GARAGE
(6157) 1515 80TH AVE., OAKLAND.
One-story 5-room dwelling and garage.

Owner—N. E. Heikok, 1431 46th Ave., Oakland.
Architect—None.
Contractor—E. W. Burton, 1431 46th Ave., Oakland. \$3150

DWELLING
(6158) 85TH AVE., OAKLAND. One-story 3-room dwelling.

Owner—F. J. Leonardo, 462 86th Ave., Oakland.
Architect—None. \$1200

DWELLING & GARAGE
(6159) 7015 ARTHUR ST., OAKLAND.
One-story 5-room dwelling and garage.

Owner—E. G. Wise, 2848 68th Avenue, Oakland.
Architect—None. \$3150

DWELLING & GARAGE
(6160) 2115½ 66TH AVE., OAKLAND.
One-story 5-room dwelling and garage.

Owner—Henry Abel, 1737 67th Ave., Oakland.
Architect—None. \$3250

DWELLING
(6161) E FAIRFAX AVE., 600 S MONTEICELLO AVE., Oakland. One-story 5-room dwelling.

Owner—W. C. Neigenfind, 5107 Bond St., Oakland.
Architect—None. \$3000

DWELLING
(6162) S DAMUTH ST., 542 E FRUITVALE AVE., Oakland. One-story 5-room dwelling.

Owner—Oral W. Lefler.
Architect—None.
Contractor—A. F. Kohle, 1201 Adeline St., Oakland. \$4000

DWLG. STORE GARAGE
(6163) E 101ST AVE., 35 S BIRCH ST., Oakland. One-story 5-room dwlg., store and garage.

Owner—J. L. Ferreira, 9415 East 14th St., Oakland.
Architect—None.
Contractor—Joe St. Mary, 9415 East 14th St., Oakland. \$4250

DWELLING & GARAGE
(6164) 2143 EAST 27TH ST., OAKLAND. One-story 5-room dwelling and garage.

Owner—G. Watkins, 2151 East 24th St., Oakland.
Architect—None. \$3650

GARAGE
(6165) 865 ERIE ST., OAKLAND. One-story garage.

Owner—Dewey Kurkjian, 873 Erie St., Oakland.
Architect—None. \$1000

STORES & FLATS
(6166) 4122-24-26-28-30 BROADWAY, Oakland. Two-story 10-room flats and stores.

Owner—J. A. Graham, Savoy Hotel, Los Angeles.
Architect—None.
Contractor—A. J. Yerrick, 6255 College Ave., Oakland. \$13,000

DWELLINGS
(6167) NO. 2304-2306 HOWE ST., Berkeley. Two 1-story 5-room dwigs.

Owner—J. Whaley, 324 Warwick Ave., Oakland.
Architect—None. \$3950 each

DWELLING
(6168) NO. 1639 ASHBY AVE., Berkeley. One-story 5-room dwelling.

Owner—Walter Hufschmidt, 89 Nova Drive, Piedmont.
Architect—None. \$3750

DWELLING
(6169) NO. 1821 SACRAMENTO ST., Berkeley. One-story 5-room dwlg.

Owner—C. Alden, 1428 Hearst Ave., Berkeley.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. \$2200

DWELLING
(6170) NO. 2331 ACTON ST., Berkeley. One-story 4-room dwelling.

Owner—Russell Felt, 1030 Sierra St., Berkeley.
Architect—None. \$2500

DWELLING
(6171) NO. 1504 CAPISTRANO ST., Berkeley. One-story 6-room stucco dwelling.

Owner—G. Patterson, 1545 Dwight Way, Berkeley.
Architect—None. \$3500

DWELLING
(6172) NO. 429 ARLINGTON ROAD, Berkeley. Two-story 8-room dwlg.

Owner—T. Hutton, 1704 Maria Ave., Berkeley.
Architect—Ed. Sharpe.
Contractor—Peter Peterson, 1213 St. Charles St., Alameda. \$7500

DWELLING
(6173) NO. 1212 EVELYN ST., Berkeley. One-story 4-room dwelling.

Owner—H. Green, 1214 Evelyn Ave., Berkeley.
Architect—None. \$2000

DWELLING & GARAGE
(6174) 2521 56TH AVE., OAKLAND.
One-story 5-room dwelling and garage.

Owner—T. Stringer, 2900 Brookdale Ave., Oakland.
Architect—None. \$4000

DWELLING
(6175) E PAIR AVE., 100 N DAISY St., Oakland. One-story 4-room dwelling.

Owner—R. H. Furman, 959 37th Street, Oakland.
Architect—None.
Contractor—A. G. Reel, 4756 Wilkie St., Oakland. \$2000

DWELLING
(6176) 1428 EXCELSIOR AVE., OAKLAND. One-story 5-room dwelling.

Owner—O. F. Shaw, 1711 Willow St., Alameda.
Architect—None. \$2300

DWELLING & STORES
(6177) 1581-83 EAST 38TH STREET, Oakland. One-story 4-room dwlg. and stores.

Owner—G. W. Tiedemann, 2100 23rd Ave., Oakland.
Architect—None.
Contractor—A. H. Petersen, 2034 17th Ave., Oakland. \$7000

DWELLING
(6178) 611 FAIRBANKS AVE., OAKLAND. One-story 5-room dwlg.

Owner—U. G. Spagnoli, Oakland.
Architect—None.
Contractor—C. M. Gass, 2415 35th Av. Oakland. \$5000

DWELLING
(6179) 819 SANTA RAY AVE., OAKLAND. One-story 6-room dwlg.

Owner—M. F. Smith, 1001 Excelsior Av. Oakland.
Architect—None. \$5000

DWELLING
(6180) W 35TH AVE., 140 N ALLENDALE AVE., Oakland. One-story 6-room dwelling.

Owner—A. Kent, 2815 38th Avenue, Oakland.
Architect—None. \$3500

DWELLING
(6181) 787 BROOKWOOD RD., OAKLAND. One-story 5-room dwelling.

Owner—Egil Lindquist, 4037 Ardley Ave., Oakland.
Architect—None. \$6000

DWELLING
(6182) W HEARN ST., 484 S CHABOT Road, Oakland. One-story 6-rm. dwelling.

Owner—E. T. Lesure, 169 Ronada Av. Piedmont.
Architect—None. \$4500

DWELLING
(6183) W 86TH AVE., 225 S B ST., Oakland. One-story 3-room dwlg.

Owner—L. Bankero, 2019 86th Avenue, Oakland.
Architect—None. \$1500

ALTERATIONS & GARAGE
(6184) 5410 WALNUT ST., OAKLAND.
Alterations and 1-story garage.

Owner—H. S. Foreman & Freda Smith.
Architect—None.
Contractor—H. S. Foreman, 3411 Sheffield Ave., Oakland. \$2750

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets..... \$93,198,226.96
Capital, Reserve and Contingent Funds..... 3,900,000.00
Employees' Pension Fund..... 446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING AND GARAGE
(6186) 7215 WELD ST., OAKLAND.
One-story dwelling and garage.
Owner—J. T. La Paugh, 1661 68th Ave., Oakland.
Architect—None.
Contractor—C. F. Lodge, 5404 Bond St., Oakland. \$3150

DWELLING
(6186) 6401 ROBERTS AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Rugg & Lisbon, 6047 Harwood Ave., Oakland.
Architect—None. \$1400

DWELLING
(6187) S 57TH ST., 295 W ADELINE ST., Oakland.
One-story 5-room dwelling.
Owner—D. Del Vigine, 942 41st Street, Oakland.
Architect—None.
Contractor—Angelo Iscardi, 972 Aileen St., Oakland. \$3500

GARAGE
(6188) NW COR. 19TH AVE. & DEN-
nison St., Oakland. One-story con-
crete garage.
Owner—Ventura Refining Co., 1st &
Linden Sts., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th
St., Oakland. \$12,000

PUMP HOUSE
(6189) NW COR. 19TH AVE. & DEN-
nison St., Oakland. One-story
pump house.
Owner—Ventura Refining Co., 1st &
Linden Sts., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th
St., Oakland. \$2500

WAREHOUSE
(6190) NW COR. 19TH AVE. & DEN-
nison St., Oakland. One-story
brick warehouse.
Owner—Ventura Refining Co., 1st and
Linden Sts., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th
St., Oakland. \$8000

CONCRETE TANK
(6191) NW COR. 19TH AVE. & DEN-
nison St., Oakland. Concrete tank.
Owner—Ventura Refining Co., 1st and
Linden Sts., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th
St., Oakland. \$7000

BUILDING
(6192) NW COR. 19TH AVE. & DEN-
nison St., Oakland. One-story of-
fice building.
Owner—Ventura Refining Co., 1st and
Linden Sts., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th
St., Oakland. \$4000

DWELLING
E ALVARADO RD., CLAREMONT HO-
TEL Tract, Oakland. Two-story
7-room dwelling.
Owner—Mrs. G. Kleinschmidt, 356 Al-
catraz Ave., Oakland.
Architect—McCull & Davis, 1404
Franklin St., Oakland.
Contractor—H. C. Andresen, 1229 Pearl
St., Alameda. \$14,100
Note—Contract reported Nov. 19,
1924, No. 6067.

APTS. STORE
(6193) NW COR. HIGHT ST. AND
(Brookdale Ave., Oakland. General
construction apartment and store
bldg., and garages.
Owner—W. A. Stokes, 2812 38th Ave.,
Oakland.
Architect—W. J. Wilkinson, 220 How-
ard Ave., Oakland.
Contractor—Geo. H. Lydicksen, 1616
25th Ave., Oakland.
Filed Nov. 25, 1924. Dated Nov. 5, 1924.
Foundation is in \$2500
Rough frame is up 2500
Brown coated 5000
Completed 5000
Usual 35 days 5000
TOTAL COST, \$20,300
Bond, sureties, forfeit, none. Limit, 100
working days from date. Plans and
specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded **Accepted**
Nov. 19, 1924—1225 CEDAR STREET,
Berkeley. A. Makower to S. M.
Shaw. Nov. 21, 1924
Nov. 19, 1924—LOT 20, BLK. B, Lake
shore Hills, Oakland. Oscar E.
Nelson to whom it may concern.
Nov. 19, 1924—N SIDE FOOTHILL
Blvd. bet. Seminary Ave. and
Brookdale Ave., Oakland. Clifford
R. Wagenet to C. G. Hildebrand.
Nov. 19, 1924—W SIDE OF JULIUS
St. 75 S. of 108th Ave., Oakland.
Harry C. Pieper to Cummins &
White. Nov. 19, 1924
Nov. 19, 1924—E 2d St., Lake
Shore Highlands, Oakland. Anna
and Fred Favero to whom it may
concern. Nov. 12, 1924
Nov. 19, 1924—POR. BLK. 98, MAP
of Clinton, Oakland. N. T. Heaton
to Frank Critchett. Nov. 18, 1924
Nov. 19, 1924—LOT 13, BLK. 78, Kel-
lersberger's Map of Oakland. Lok
Yun to J. E. Maganini. Nov. 14, 1924
Nov. 19, 1924—S 1/2 LOT 5, MAP
Map Appar Tract, Oakland. Jerome
J. Friedberg to Chas. Briscoe and
A. H. Cutler. Nov. 18, 1924
Nov. 19, 1924—BEG. AT N. T. Heaton
line of Terrace Ave. at the SE cor-
ner of Lot 29, Map Russell and Warren
Addition to town NW 165° NE 50°
S 165° E to pt. of beg. of Haywards.
Joe Chicero to M. P. Galt. Nov. 19, 1924
Nov. 19, 1924—POR. LOT 8 BLK. B,
Map of Resub. Map Brumagim
Tract, Oakland. Annie R. Miller to
whom it may concern. Nov. 19, 1924
Nov. 20, 1924—LOTS 22 AND 23, Palo
Vista Tract, Oakland. C. A. Birch
to whom it may concern. Nov. 10, 1924
Nov. 20, 1924—LOT 19 AND POR. LOT
18, Hemphill Court, Oakland. Char-
lotte L. Thomson to McWethy &
Greenleaf. Nov. 15, 1924
Nov. 20, 1924—SW COR. 17TH AND
Grove Sts., Oakland. William G.
Gilmour to McWethy & Greenleaf.
Nov. 14, 1924
Nov. 20, 1924—LOT 135 PERALTA
Park Tract, Albany. Robert James
Mephram to whom it may concern.
Nov. 10, 1924
Nov. 20, 1924—SE COR. SAN PABLO
Ave. and Dwight Way, Berkeley.
Guy A. and Onila A. Barthels
to Schuler & McDonald. Nov. 20, 1924
Nov. 20, 1924—POR. LOTS 35, 36 AND
37, Blk. I, Map of East Oakland
Heights, Oakland. S. J. Israel and
L. L. Israel to S. A. Warner. Nov. 19, 1924
Nov. 20, 1924—S SIDE OF E 38TH ST.
bet. E 3d and E 4th, Oakland. Geo-
rgiana and Patrick H. McDonough
to Harry C. Knight. Nov. 18, 1924
Nov. 20, 1924—NW 33 FT. OF LOT 7
Blk. 2087 Map of Alden Tract, Oak-
land. Guy Taylor to whom it may
concern. Nov. 20, 1924
Nov. 20, 1924—SE 58 FT. OF THE
NW 109 ft. of Lot 5, Blk. R, Map
of lands adjacent to town of En-
cinal, Alameda. J. H. Norien to
whom it may concern. Nov. 20, 1924
Nov. 20, 1924—LOTS 14, 15 AND 16,
Blk. 13, Solano Ave. Terrace,
Berkeley. Abel M. Bramlage to
E. D. Bramlage. Nov. 19, 1924
Nov. 20, 1924—LOT 1, BLK. 12, RE-
subdivision of Blks. 9, 10, 11, 12, 13,
14 and por. Blk. 16, Rock Ridge
Terrace, Oakland. Mary E. Canby
to whom it may concern. Nov. 20, 1924
Nov. 20, 1924—746 LERIDA AVENUE,
Oakland. Harry C. Effinger to
whom it may concern. Nov. 20, 1924
Nov. 20, 1924—LOT 11, BLK. N, Ex-
celsior Heights Tract, Frank B.
Zaddart to L. J. Davis. Nov. 21, 1924
Nov. 21, 1924—LOT 21, BLOCK 28,
Amended Map of Fairmount Park,
Berkeley. Louise A. and Emma H.
Larson to L. A. Peters. Nov. 20, 1924
Nov. 21, 1924—E SIDE OF 89TH AVE.
170 ft. of Olive St., Oakland. James
A. Wroth to George E. Peterson.
Nov. 19, 1924
Nov. 21, 1924—SW COR. 50TH AVE.
and E-14th St., Oakland. John and
Marie Carrere to whom it may con-
cern. Nov. 20, 1924
Nov. 19, 1924—LOCATION NO. 11 IN
Sec. 2 of East Bay Country Club
Property, Alameda County. Nellie

G. Tharsing to H. S. Pratt. Oct. 19, 1924
Nov. 22, 1924—LOT 80 Broadmor-
ning, Oakland. John A. Mc-
Anulty to McAnulty Bros. Nov. 21, 1924
Nov. 22, 1924—LOT 98, Broadmor-
ning, Oakland. John A. Mc-
Anulty to McAnulty Bros. Nov. 22, 1924
Nov. 22, 1924—SW 1/4 COR. 4th
and Erie Sts., Oakland. Daniel Fer-
guson to whom it may concern. Nov. 15, 1924
Nov. 22, 1924—LOT 1 AND S 20 FT.
of Lot 13, Blk. 20, Map of Resub-
division of court Tract, Oakland. A. R. Rap-
ham to whom it may concern. Nov. 22, 1924
Nov. 22, 1924—LOT 8, 6, 7 and 8,
Northlands Tract No. 1, Berkeley.
George T. Hansen and Elaine B.
Hansen to whom it may concern.
Nov. 14, 1924
Nov. 22, 1924—1ST POR. LOT 16
Map of Sub. of Lot 13 Blk. 5, and
Lot 14, Blk. 6 of a por. of La Loma
Park and Wheeler Tract also a
por. Lot 12, Blk. 12, Map of Sub-
division of a por. of La Loma Park
and Wheeler Tract; Parcel 2—So. 20
ft. of Lot 15, Map Sub. of Lots 13
Blk. 12 and 14, Blk. 9 of a por. of
La Loma Park and Wheeler Tract,
Berkeley. Bryan H. Smith
to George J. Maurer & Co. Oct. 25, '24
Nov. 21, 1924—BEG. AT A PT. ON N
side of E-20th St., 25c ft. of
7th Ave. running thence NW 50 ft.
N 150 ft. E 50 ft. S 150 ft. to pt.
of beginning, Oakland. Anna C.
Phillips to Nylander Bros. Nov. 17, 1924
Nov. 24, 1924—LOT 417 and 4th Lot
418 Blk. 5187, Stonehurst Subdiv.,
Oakland. E. T. Speed to whom it
may concern. Nov. 24, 1924
Nov. 24, 1924—1007 E 10TH ST.,
Alameda. J. M. Brady to H. C. An-
dresen. Nov. 22, 1924
Nov. 24, 1924—E 50 FT. OF THE S 50 FT.
of Lot 22, Blk. 4, Fourty Ave. Ter-
race, Oakland. Carrie B. Fritz to
David H. Fritz. Aug. 20, 1924
Nov. 24, 1924—LOTS 24 AND 25 and
W 10 ft. Lot 23 Blk. 165, Kellers-
berger's Map of Oakland. Oakland
Tobacco Co to M. E. Hopper & Son
Nov. 21, 1924
Nov. 24, 1924—LOT 11 BLK. 5, Hotel
Claremont Tract No. 2, Oakland.
Daniel and Olive M. McPeake to
E. F. Henderson. Nov. 17, 1924
Nov. 24, 1924—N 14 FT. OF E 135 ft.
Lot 23 and S 40 ft. of the E 135 ft.
of Lot 24 Blk. 1/224, Berkeley View
Homestead, Berkeley. Geo. V.
Cruss to Curson Estes Co. Nov. 18, '24
Nov. 24, 1924—LOT 16, Chaboly Ter-
race, Berkeley. Joseph Coward to
whom it may concern. Nov. 22, 1924
Nov. 24, 1924—S 35 FT. LOT 30, BLK.
A Map No. 2, Bateman Tract, Berke-
ley. James T. and Frances M.
Ransdall to whom it may concern.
Nov. 24, 1924—LOT 10 BLK. A Roberts
Ave., Mills Gardens, Oakland. W.
H. Thomson to whom it may con-
cern. Nov. 24, 1924
Nov. 24, 1924—LOT 18 and E 17th St.
Blk. 1, Amended Map of Melrose Ex-
tension Tract, Brooklyn Twp. M. P.
Graves to whom it may concern.
Nov. 22, 1924
(Correction in Owner's Name)
Nov. 22, 1924—S LINE OF E 21ST
St. 100 ft. SE from Mitchell St.
running thence SW 86.00 ft. SE
51.16 ft. to NW line of Public High-
way thence N 29.55 ft. to the angle
thereof thence along said Pub.
Walk 58.89 ft. to SW line of E-
21st St. thence N 1/2 pt. to pt. of
beg. Oakland. Earle H. McGee to
whom it may concern. Nov. 21, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded **Amount**
Nov. 19, 1924—LOT 10, BLK. 17, Dal-
ey's Scenic Park Oakland. Victor
Devight, vs. Clara Pond Powell and
S. P. Bledsoe. \$1,280.
Nov. 19, 1924—LOT 10, BLK. 17, Dal-
ey's Scenic Park, Berkeley. Lee
J. Immel vs. Clara Pond Powell
and S. P. Builders, Inc. \$64.37
Nov. 19, 1924—LOT 13 AND 14, 15
of Lot 18, Blk. 38, Beverly Terrace,
Oakland. Tilden Lumber Co. vs. C.

W. Boden and C. W. Boden Co. \$224.34
Nov. 19, 1924—ALL LOT 8 AND E 10
ft. of Lot 9, Blk. 45, Beverly Ter-
race, Oakland. Tilden Lumber Co.
vs. C. W. Boden and C. W. Boden
Co. \$475.66
Nov. 19, 1924—E 25 FT. OF LOT 5,
W 12 1/2 ft. of Lot 4, Blk. 39, Beverly
Terrace, Oakland. Tilden Lumber
Co. vs. C. W. Boden and C. W. Boden
Co. \$677.06
Nov. 19, 1924—LOT 11 AND W 10 FT.
of Lot 10, Blk. 45, Beverly Terrace,
Oakland. Tilden Lumber Co. vs. C.
W. Boden and C. W. Boden Co. \$189.81
Nov. 19, 1924—LOT 10, BLK. 17,
Daley's Scenic Park, Berkeley. Tilden
Lumber Co. vs. Clara Pond
Powell and S. F. Builders, Inc. \$338.94
Nov. 19, 1924—LOT 10, BLK. 17,
Daley's Scenic Park, Berkeley.
W. Charles W. Knight vs. Clara Pond
Powell and S. F. Builders, Inc. \$523.66
Nov. 19, 1924—LOT 10, BLK. 17,
Daley's Scenic Park, Berkeley. J. E.
Perkins and R. N. Hughes (Perkins
and Hughes) vs. Clara Pond Powell
and S. F. Builders, Inc. \$1410.
Nov. 19, 1924—LOT 10, BLK. 17,
Daley's Scenic Park, Berkeley. A.
K. Goodmundson vs. Clara Pond
Powell and S. F. Builders, Inc. \$96.25
Nov. 19, 1924—LOT 22, BLK. 2,
Amended Map of Regency Park,
Berkeley. Sunset Lumber Co. vs.
Margt Wall and J. T. Harvey. \$349.17
Nov. 19, 1924—LOT 8, BLK. 1, MAP
of Tract A of the Berkeley Land
and Town Improvement Association.
Tyrre Bros. Glass Co. vs. F. C.
Koerber, Henry C. Bishoff, Gus de
Lakis, American Grill and Charles
E. Arthur. \$413.75
Nov. 21, 1924—LOT 10, BLK. 17,
Daley's Scenic Park, Berkeley. A.
Elk. A. Buenaventura Tract, Oakland.
Marshall & Burks vs. Jerry
Bonneau, J. Bonneau and J. J. Bon-
neau. \$405.59
Nov. 21, 1924—LOT 10, BLK. 17, Dal-
ey's Scenic Park, Berkeley. Rhodes-
Jamieson & Co. vs. Clara Pond
Powell and S. F. Builders, Inc. \$283.75
Nov. 20, 1924—LOT 8 AND E 5,
Map Santa Fe Tract No. 20, Oak-
land. H. C. Petersen vs. G. A. Carl-
son. \$32.45
M. E. Hopper. \$1526
Nov. 22, 1924—E 11 FT. LOT 10, and
all Lot 8 Blk C Map of Teachers
Tract, Berkeley. Tilden Lumber Co.
vs. Emil and Anna N Hill and J. J.
Matakala. \$369.27
Nov. 22, 1924—PTN LOT 2, BLK L
Map of Fourth Ave Terrace, Oak-
land. A. Laviolette vs. Kathleen
Miller and L. Duntun (L. Duntun). \$8.
Nov. 22, 1924—LOT 8 AND E 308 respec-
tively. \$238 and \$60 respectively
Nov. 22, 1924—LOT 10 BLK 17, Daley's
Scenic Park, Berkeley. Rochester
Elec Co vs Clara Pond Powell and
S F Builders, Inc. \$205

RELEASE OF LIENS

ALAMEDA COUNTY

Nov. 21, 1924—LOT 8 BLK 24 North
Alameda Tract. Zenith Mill &
Lumber Co to Augusta Ferreira. \$237.73
Nov. 20, 1924—SW COR. STANLEY
and Olive Sts, Oakland. A. C. Keddy
to C. W. Boden and Agnes O. Boden. \$44.00
Nov. 20, 1924—LOT 41, MAP OF SUB-
division 9 and 10, Hardy Tract,
Berkeley. C. S. Lane to Mary Jose-
phine Schaefer and Mary Alice For-
est. \$200.00
Nov. 18, 1924—FOR. LOT 1 BLK. 6,
Amended Map of a por. of La Loma
Park and the Wheeler Tract,
Berkeley. Tilden Lumber Co. to
Garfield W. Hall and Ethel M. Hall. \$313.86
Nov. 18, 1924—LOT 49 BLK. 3, Crag-
mont, Berkeley. Sunset Lumber
Co. to L. H. Williams. \$338.26

BUILDING CONTRACTS

SANTA CLARA COUNTY

STORE BLDG.
SOUTH SIDE OF EAST STA. CLARA ST.
bet Third and Fourth Sts. San
Jose, Cal. All work for 2-story
brick and frame store and loft
building.

Owner—E. Fox, 224 So. 14th, San Jose.
Architect—Wolfe & Higgins, Ausarles
Bldg., San Jose.
Contractor—Z. O. Field & Son, 76 W.
San Antonio, San Jose.
Filed Nov. 24, 1924. Dated Nov. 21, 1924
1st & 15th each month. \$182.50
TOTAL COST, \$10,343
Bond, \$5171.50; Sureties, Wm. F. Serpa,
Frank E. King; Forfeit, \$1171.50; Limit
60 days from Nov. 24, 1924; Plans and
specifications filed.

COTTAGE

E FIFTEENTH AT S COR LD OF Mc-
Clay St 36x120 ft. in San Jose, Cal.
All work for 1-story frame cottage
and garage.
Owner—Benj. Strauss & Ethel Strauss.
Architect—Herman B. Krause, 601 Coe,
San Jose, Cal.
Contractor—Carl Maurer, 241 Locust,
San Jose.
Filed Nov. 24, 1924. Dated Nov. 24, 1924
Frame up. \$182.50
Brown coatd. \$182.50
Completed and accepted. \$182.50
Usual 35 days. \$182.50
TOTAL COST, \$7250
Bond, Forfeit, none; Limit, 120 days;
Plans and specifications filed.

DWELLING

LOT 5 L. E. APPLETON ADDITION,
San Jose, Cal. Carport and plaster-
ing, plumbing and painting for
frame stucco dwelling and garage.
Owner—L. W. Estes and Caroline E.
Toll, 298 N 12th, San Jose.
Architect—None.
Contractor—W. O. Furtwangler, 269 S.
23rd, San Jose.
Filed Nov. 20, 1924. Dated Nov. 20, 1924
Frame up. \$132.50
Rough coat plaster on. \$132.50
Completed and accepted. \$132.50
Usual 35 days. \$132.50
TOTAL COST, \$7730
Bond, \$3865; Sureties, J. H. A. A. A.
L. Pierce; Forfeit, none; Limit, none;
Plans and specifications filed.

COTTAGE

LOT 12 R. T. RUCKER'S SUBDIVISION
All work for 5-room cottage.
Owner—P. Arnone, County Sta. Clara
Architect—None.
Contractor—Frank Peres, 1082 So. 8th
San Jose.
Filed, Nov. 22, 1924. Dated, —.
Floor joists are laid. \$238
Roof on & shingled. \$238
Completed and accepted. \$238
TOTAL COST, \$864
Bond, Forfeit, none; Limit, 30 days;
Plans, none; Specifications filed.

BUILDING

E LINE FIRST ST. DISTANT N 165.54
ft. N Sta. Clara St. 1st St. N
68.975 ft. to NW corner ld to Paul
Rudolph th L E 137.96 to cen l c
of Block 2 R 2 N L S—1st 68.975 ft
L W Sta. Clara 137.96 ft to begin-
ning. All work for 3-story building
or in the alternate of a 4-story
bldg.
Owner—San Jose Knights of Columbus
Hall Association, N 3rd, San Jose.
Architect—Leo J. Devlin, Pacific Bldg.,
San Francisco.
Contractor—John D. & G. E. Carlson
Co., 235 Sierra, San Jose.
Filed Nov. 22, 1924. Dated Nov. 10, 1924.
As work progresses. \$75%
Usual 35 days. 25%
TOTAL COST, \$168,959
Bond, \$168,959; Sureties, Globe Indem-
nity Co.; Forfeit, none; Limit, 9 mos. 5
days; Plans and specifications filed.

BUSINESS BLDG.

SANTA CLARA AND TENTH STS. SAN
JOSE. Two-story business building.
Owner—M. De Sando, 448 E-Santa Clara
St. San Jose.
Architect—D. Walton, Alameda and
Stockton Sts. San Jose.
Contractor—Boulter & Walton, Ala-
meda and Stockton Sts., San Jose.
\$22,000
31st and St. John Sts. San Jose;
owner, Real Estate Sub. Div. Co.
Premises.

SHOP, 10000; No. 56 S. Autumn St., San
Jose, owner, David Ross, Trustees.
RESIDENCE, 5-room, \$2000; Acacia St.,
near Poplar St., San Jose; owner, J.
L. Miller, 12 N-First St., San Jose;
contractor, L. C. Rossi, 965 Keller
St., San Jose.

RESIDENCE, 5-room, \$4800; Atlanta
St. near Bird, San Jose; owner,
Frank Mortensen, 203 S-19th St.,
San Jose.

BUILDING

PORTION OF LOT 3 BLOCK 98 PALO
ALTO, CAL. All work for 1-story
residence with basement & garage.
Owner—Carl E. Scholz, 451 Webster,
Palo Alto, Cal.
Architect—None.
Contractor—L. A. Bachelder, 1152 Ful-
ton, Palo Alto, Cal.
Filed Nov. 19, 1924. Dated Nov. 18, 1924.
Roof on. \$1240
1st coat plaster on. \$1240
Completed and accepted. \$1240
Usual 35 days. \$1240
TOTAL COST, \$4960
Bond, \$2480; Sureties, Paul M. P.
Nerner, Grant Winner; Forfeit, None; Lim-
it, 90 days; Plans and specifications
filed.

RESIDENCE

PORTION OF LOTS 1 & 2 BLOCK 29
second Seale Addition to the City
of Palo Alto. All work for 2-story
residence.
Owner—Frances I. Price, Palo Alto.
Architect—Birge M. Clark, 600 Embar-
cadero, Palo Alto.
Contractor—J. V. Goodenough, 310
University Ave., Palo Alto.
Filed Nov. 20, 1924. Dated Nov. 17, 1924
Payments made weekly.

TOTAL COST, \$9128.40
Bond, \$4600; Sureties, Hubbard and
Carmichael, W. P. Gray; Forfeit, \$4600;
Limit, 100 days; Plans and specifica-
tions filed.

THE N 90.10 FT. OF LOTS 9, 10, 11,
Hayes Subd. San Jose, Cal. All
work for store and apartment bldg
(2 stories, 4 stores on ground floor
and 6 apartments on second floor).
Owner—Michael De Sando, 10th and
Clara Sts., San Jose, Cal.
Architect—The Stone Tile Plan Service
Department, Alameda & Stockton,
San Jose.

Contractor—W. B. Boulter and Dyke
Walton, County of Santa Clara.
Filed Nov. 13, 1924. Dated Nov. 17, 1924
1st story brick work complete. \$4600
Roof on & roofing laid. \$6000
Complete plastering. \$2700
Usual 35 days. \$6000
TOTAL COST, \$23,300

Bond, \$11,250; Sureties, S. M. Tynan;
Forfeit, none; Limit, 120 days; Plans
and specifications filed.

BUNGALOWS

HAVING A FRONTAGE OF 34 1/2 FT ON
E Side of South Fourth St. by a
depth of 137-84 ft., San Jose, Cal.
All work for four 3-room bungal-
ows, porch and outbuilding adj.
each and 2-story bungalow.
Owner—Sarah H. Trowbridge, 177 So.
8th San Jose, Cal.

Architect—None.
Contractor—C. I. Carlson, 4 Menker,
San Jose, Cal.
Filed Nov. 18, 1924. Dated Nov. 5, 1924.
Frame up. \$3060
1st coat plaster completed. \$3060
Completed and accepted. \$3060
Usual 35 days. \$3060
TOTAL COST, \$12,240
Bond, Forfeit, Limit, none; Plans and
Specifications filed.

BUILDING

N SIDE OF WEST JULIAN ST. NEXT
N door to Anderson Bargrove Co.
to be erected on ld situated in
San Jose, Cal. All work for bldg.
Owner—San Jose Transfer Co., 62 E
Santa Clara, San Jose.
Architect—None.
Contractor—Jorgensen & Cook 651 Pre-
vost, San Jose, Cal.
Filed Nov. 13, 1924. Dated Nov. 17, 1924.
As work progresses. \$75%
Usual 35 days. \$250
TOTAL COST, \$3938
Bond, Forfeit, none; Limit, 30 days;
Plans and specifications filed.

BUNGALOW

MOST NORTHERLY PORTION OF LOT
12 SAN CARLOS SUBD. NO. 1. All work
for 1-story 5-rm stucco bungalow
and garage.
Owner—A. B. Jamison, 21 Asbury, San
Jose.
Architect—None.
Contractor—George D. McCrary.

Filed Nov. 18, 1924. Dated Nov. 10, 1924.
 Frame up & roof on 25%
 Rough coat of plaster 25%
 Completed and accepted 25%
 Usual 35 days 25%
TOTAL COST, \$3060
 Bond, \$1525; Sureties, Wm. H. O'Neil &
 A. G. Du Brutz; Forfeit, none; Limit,
 70 days; Plans and specifications filed.

GARAGE
LOTS 15, 16 BLOCK 10 T.W.N. OF SUN-
NYVALE. All work for 1-story rein-
 forced concrete garage.
 Owner—Frank Assseau.
 Architect—J. E. Carr.
 Contractor—F. R. Yanish & H. H. Bulb,
 387 McKinley, Sunnyvale, Cal.
 Filed Nov. 18, 1924. Dated Nov. 14, 1924
 Fund. & outside forms up 25%
 Concrete poured 25%
 Completed and accepted 25%
 Usual 35 days 25%
TOTAL COST, \$5598
 Bond, Forfeit, none; Limit, 60 working
 days; Plans and specifications filed.

ADDITION
E SIDE OF SOUTH MARKET ST 137.84
N San Fernando St, San Jose.
 Cal. Furnishing steel & iron work
 for the addition to existing bldg.
 four stories and basement.
 Owner—The Pacific Tel. & Tel. Co., 80
 So. Market, San Jose.
 Architect—None.
 Contractor—Judson Mfg. Co., 604 Mis-
 sion St. San Francisco.

Filed Nov. 18, 1924. Dated Nov. 12, 1924
 As work progresses 95%
 36 days after 5%
TOTAL COST, \$25,300
 Bond, \$25,300; Sureties, Hartford Acci-
 dent & Indemnity Co., Forfeit, limit,
 none; Plans and specifications filed.

RESIDENCE, 6-room, \$7250; 15th near
Margaret, San Jose; owner, Ben
Strauss, premises, architect, Herman
Krause, Bank of S. J. Bldg.,
San Jose; contractor, Carl Maurer
241 Locust, San Jose.

ALTERATIONS, \$300; Julian near
Pleasant, San Jose; owner, S. J.
Transfer Co., 62 E Sta. Clara, San
Jose; contractor, Jorgensen & Cook
193 N. Fifth, San Jose.

ALTERATIONS, \$1000; 2nd and Heu-
ley, San Jose; owner, W. J. Biddle,
premises.

RESIDENCE, 8-room, \$7730; 14th near
Wiliam, San Jose; owner, L. W.
Estes, 182 8th, San Jose; archi-
tect, W. O. Furtwangler, 269 S 23rd
San Jose.

RESIDENCE, 4-room, \$2330; Acacia nr
Poplar, San Jose; owner, A. Art-
urus, premises, architect, W. Mc-
Combs, 427 Fulton, San Jose.

BUS BLDG., 2-story, \$10,350; E Sta.
Clara near 3rd, San Jose; owner,
Makovitz & Fox, 414 E. 1st, San
Jose; architect, Wolfe & Higgins,
Auzerais Bldg., San Jose; contrac-
tor, Z. O. Field & Son, 76 W San
Antonio, San Jose.

ADDITION, \$1350; 477 Hull Ave., San
Jose; owner, M. Hoffman, premises
contractor, Chas. Thomas 127 Clay-
ton, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 Nov. 18, 1924—LOT 7 BLK 16 ROSE
 Lawn. B. M. Dannert to A. V. Lane
 Nov. 1924—NO. 432 E. 1st, San Jose
 St., San Jose, Cal. Christina Glea-
 son to V. R. Caminetti. Nov. 17, 1924
 Nov. 18, 1924—LOT 16 LEWIS SUBD.
 No. 1 Joseph Alfred Marchus to
 whom it may concern. Nov. 18, 1924
 Nov. 18, 1924—PORTION BLOCK 96
 Palo Alto. Arthur Drolet to whom
 it may concern. Nov. 15, 1924
 Nov. 1924—FULTON ST. 35 FEET 10
 ft. being on w side Fulton St. by
 Lythton Ave. & University Ave. D.
 W. Brewer to whom it may concern
 Nov. 21, 1924
 Nov. 22, 1924—CORTIS AVE
 located on E side of Curtis Ave.
 251 ft. s of Willow St., Santa Clara
 Co. W. R. Hazlet to whom it may
 concern. Nov. 22, 1924
 Nov. 22, 1924—LOT 27 DELWOOD
 Park. A. R. Dias to whom it may
 concern. Nov. 20, 1924
 Nov. 24, 1924—HAWTHORNE
 Ave. 232 ft. 6-in. NE Alma St. NE

Hawthorne 45 ft. 1. NW 125 L. SW
 45 ft. 1. SE 125 ft. to be. Palo
 Alto. Robert F. Schomberg and
 Lorine Schomberg. Nov. 17, 1924
 Nov. 24, 1924—LOT 16 BLK 9 SEALE
 Addn Palo Alto, Cal. Agnes H. Ray-
 mond to whom it may concern. Nov. 1, 1924
 Nov. 24, 1924—BEING NUMBER 270
 Emory St., San Jose, Cal. Carlo
 Massa to whom it may concern. Nov. 24, 1924
 Nov. 24, 1924—E MYRTLE ST. 150 FT
 S Hedding St. S 50 ft. by 100 ft.
 Port. lot 4 Block 13 University
 Grounds. Arthur L. Crosby, Carrie
 A. Crosby to whom it may concern. Nov. 21, 1924
 Nov. 19, 1924—LOT 11 BLK 13, South
 Palo Alto. Gladys Garden. Peter-
 son to Berthe & Briggs. Oct. 18, 1924
 Nov. 20, 1924—ALL LOT 26 and N 1/4
 Lot 25, Mrs. Wuensche Tract, San
 Jose. Guido Fornaciari to whom it
 may concern. Nov. 18, 1924
 Nov. 20, 1924—PTN LOT 2 BLK 3 N
 R 2 W. Town of Santa Clara. Roy
 and Edith L. Dunsford to whom it
 may concern. Nov. 18, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 Nov. 18, 1924—LOT 19 BLK. 3 LEN-
 drum Tract. Tilden Lumber & Mill
 Co. vs Manuel N. Rose, Dorothy
 Rose. \$223
 Nov. 18, 1924—LOT 2 BENDER SUB-
 division. Tilden Lumber & Mill Co.
 vs Anna I. Bowen, Edgar A. Bowen
 \$83.90
 Nov. 21, 1924—NO. 770 CHAPMAN ST
 San Jose. Cal. J. M. Lo Bono vs
 Burt Langley. \$52

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 Nov. 18, 1924—LOT 16 BLOCK 4
 Lewis Subdivision No. 3. Tilden
 Josephine Terisi. \$93.55
 Nov. 18, 1924 — LOT 16 BLOCK 4
 Lewis Subdivision No. 3, San Jose.
 Sunset Lumber Co. to Joe Terisi,
 Josephine Terisi. \$55.70
 Nov. 21, 1924—LOTS 9, 10 BLOCK 3
 Massal Sub Los Gatos. John D.
 Vedova to Roscoe L. Jennings and
 Laura F. Jennings. \$291.72
 Nov. 21, 1924—PORTION BLOCK
 4 Range 2 South San Jose. South-
 ern Lumber Co. to S. Arena. Sus-
 anna C. Hublutz, Sara Ann Corey
 Benjamin C. Ledyard, Charles
 Hublutz. \$399.05

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
PORTION LOTS 1 & 4 BLK. 2 LOMITA
Park. All work for frame bungalo-
w and garage.
 Owner—E. H. E. Helmore, San Bruno.
 Architect—None.
 Contractor—E. C. Anderson et al, San
 Bruno.
 Filed Nov. 13, 1924. Dated Nov. 10, 1924
 Frame up 1/4
 Brown coated 1/4
 Completed and accepted 1/4
 Usual 35 days 1/4
TOTAL COST, \$3500
 Bond, \$1750; Sureties, Paul Schmidt &
 E. C. Paraguez; Forfeit, limit, none;
 Plans and specifications filed.

RESIDENCE
LOT 49 FOURTH ADD. RUNNEMEAD
All work for 6-room residence and
garage.
 Owner—E. L. & G. E. Retting, 1457
 Bellevue, Burlingame.
 Architect—None.
 Contractor—A. H. Held, Runnymead.
 Filed Nov. 17, 1924. Dated Nov. 17, 1924
 Roof on \$1080
 Brown coated 1080
 All material & labor supplied. 1080
 Usual 35 days 1080
TOTAL COST, \$4320
 Bond, none; Sureties, E. R. & A. E.
 Ellis; Forfeit, \$5; Limit, 90 working
 days; Plans and specifications, none.

RESIDENCE
LOT 24 SAN MATEO PARK SUB NO.
3, San Mateo. All work for 2 frame
residences.
 Owner—Oscar C. Boldemann Jr., et al,
 San Mateo.
 Architect—Contractor—Mitchell-Jackson
 & Co., 235 3rd St., San Mateo.
 Filed Nov. 20, 1924. Dated Nov. 14, 1924.
 Frame up \$2875
 Brown coated 2875
 Completed and accepted 2875
 Usual 35 days 2875
TOTAL COST, \$11,500
 Bond, \$5500; Sureties, Fidelity Casu-
 alty Co. of N. Y.; Forfeit, none; Limit
 90 working days; Plans and specifi-
 cations filed.

RESIDENCE
LOT ON FINGER AVE., Redwood City.
All work for frame residence.
 Owner—J. Richardson et al.
 Architect—None.
 Contractor—Harry C. Groom, Birch,
 Redwood City.
 Filed Nov. 20, 1924. Dated Nov. 12, 1924
 Frame up \$1620
 Plaster and 1620
 Completed and accepted 1620
 Usual 35 days 1620
TOTAL COST, \$6480
 Bond, Forfeit, none; Limit, Reasonable
 time; Plans and specifications filed.

STORE BLDG.
LOT 34 BLK 17 BURLINGAME. All
work for reinforced concrete store
building.
 Owner—Ellen Sileropoulos et al.
 Architect—E. L. Norberg, 409 Occiden-
 tal, Burlingame.
 Contractor—F. C. Amoroso, 1336 Kear-
 ny St., San Francisco.
 Filed Nov. 25, 1924. Dated Nov. 20, 1924
 Ceiling joist up \$351.25
 Brown coated 351.25
 Completed and accepted 351.25
 Usual 35 days 351.25
TOTAL COST, \$1,406.05
 Bond, \$6302.50; Sureties, Tony Domico
 & Nails Arista; Forfeit, \$10; Limit, 80
 working days; Plans and specifications
 filed.

BUNGALOW & garage \$4500; Lot 7 Blk
2 San Mateo Dr., Bigne; owner,
Walker & Armstrong.
BUNGALOW and garage, \$4800; Lot 8
Blk 2, San Mateo Dr., Burlingame;
owner, Walker & Armstrong.
BUNGALOW and garage, \$4800; Lot 9
Blk 2 San Mateo Dr., Burlingame;
owner, Walker & Armstrong.
BUNGALOW and garage, \$4800; Lot A
Blk 7 Oak Grove, Burlingame;
owner, D. Houle, 1224 Bellevue,
Burlingame.

GARAGE, \$1000; Lot 9 Blk 10 Ralston,
Burlingame; owner, W. G. Hitch-
cock; contractor, W. B. Fields.
BUNGALOW, \$3000; Lot 26 Blk 2 Car-
los, Burlingame; owner, W. L.
Groteguth.

BUNGALOW and garage, \$4000; Lot 17
Blk 4 Third Ave, Burlingame; own-
er, John Sorenson, 493 2nd Avenue,
San Francisco.

BUNGALOW and garage, \$7000; Lot 14
Blk 37 Bernal, Burlingame; owner
Gordon C. Hess, 1268 Cortez, Bur-
lingame; contractor, W. O. Nicol-
alides, 218 Fennsula, San Mateo.

BUNGALOW and garage, \$600; Lot 7
Blk 34 Drake, Burlingame; owner,
C. B. Bowen; contractor, E. S. Sha-
ver, 765 Farrington Lane, Burlin-
game.

BUNGALOW and garage, \$4000; Lot 7
Blk 1 Chula Vista, Burlingame;
owner, E. S. Shaver, 765 Farring-
ton Lane, Burlingame.

RESIDENCE and garage, \$7000; Lot 20
Blk 46 Drake, Burlingame; owner,
Chas. V. Olson; contractor, P. G.
Pederson.

GARAGE, \$12,500; Lot 2 Blk 17 El
Campo, Burlingame; owner, Chris
Larsen, 1228 Laguna Ave., Bur-
lingame; contractor, Chris. Larsen,
1228 Laguna Ave., Burlingame.

OFFICE BLDG, \$6280; Lot 1
Blk A, Cerrito Park, San Mateo;
owner, Rochex & Rochex, 228 2nd,
San Mateo; architect, W. H. Crim
Jr. & Hamilton Murdock, 425 Kear-
ny St., San Francisco; contractor,
Chas. Peterson, 60 Peninsula Ct.,
San Mateo.

RESIDENCE, \$8000; Lot 99 San Mateo
Park, San Mateo; owner, S. A. Wis-
nom, 30 West Bellevue, San Mateo.

FRESNO COUNTY

Recorded Accepted
 Nov. 22, 1924 - DEN BLK 74 Fresno
 Levi Rogers to whom it may con-
 Nov. 22, 1924 - LOTS AND E F H
 High Addition, Fresno. E F Inman
 Nov. 22, 1924 - E 15 FT. LOT 34: all
 Lot 35, W 5 ft. Lot 36, Fresno
 Fresno W B Watson to whom it
 Nov. 22, 1924 - LOTS 15 AND 16 Vir-
 Nov. 24, 1924 - GAS PLANT, Fresno.
 Pacific Gas & Electric Co to Steel
 Nov. 19, 1924 - LOTS 15 AND 16 Bldg
 College Add, Fresno. W F Baird
 S. B. & N. B. ORE 27 1924

FRESNO COUNTY

Recorded	Amount
Nov. 22, 1924—LOTS 5 AND 6 BLK 67	
James L. Duffield vs L F Staver	\$2.
Nov. 22, 1924—LOTS 7 AND 8 BLK 1	
James L. Duffield vs L F Staver	\$2.
Nov. 22, 1924—LOT 18 E 15 ft. Lot 17	
Blk 2, Palm Grove. Maisler Bros	\$8.
Nov. 19, 1924—LOT 2 BLK 2 MENLO	\$8.
Oaks Duffield Lbr. Co. vs Edwin	\$1.
Nov. 19, 1924—LOT 5 BLK 2 MENLO	
Oaks Duffield Lbr. Co. vs Edwin	\$2.
Nov. 19, 1924—LOTS 16 & 17 WIN-	
chester Property, Atherton. Alex-	
ander Walker vs Woodworth	\$8.
Nov. 19, 1924—LOTS 16 & 17 WIN-	
chester Property, Atherton. E. In-	
dust Lbr. Co. vs Genevieve E. In-	

SACRAMENTO COUNTY

PAVING
FRONT ST., bet. M and P Sts., Sacra-
mento. All work for paving track
areas.
Owner—Ochsner Pacific Co., 531 K St.,
Sacramento.
Architect—None.
Contractor—Clark & Henery Constr.
Co., 513 Ochsner Bldg., Sacramento.
Filed Nov. 17, '24. Dated Sept. 15, '24.
TOTAL COST, \$5000
Bond, limit, forfeit, plans and specifica-
tions, none.

LOTS 203, 204 AND 205, Odd Fellows
Cemetery, Sacramento. Work not
given.
Owner—John Ochsner, 402 Ochsner
Bldg., Sacramento.
Architect—None.
Contractor—Piedmont Memorial Co.
Filed Nov. 18, '24. Dated ———.
TOTAL COST, \$16,450
Bond, limit, forfeit, plans and specifica-
tions, none.

DWELLING, 4-room and garage, \$6500
936 46th, Sacramento; owner, W. B. B.
Dwelling, 5-room and garage, \$3500;
1447 3rd, Sacramento; owner, J. W.
Newhart, 1465 3rd, Sacramento.
DWELLING, 5-room and garage, \$5000;
owner, R. E. Mattimore, 1849 50th,
Sacramento.
DWELLING, 8-room and garage, \$6300
1034 3rd, Sacramento; owner, Geo.
C. Foss; contractor, Campbell Con-
struction Co.
DWELLING, 4-room and garage, \$2500;
1514 10th, Sacramento; owner, S. E.
Hick, 1048 8th, Sacramento.
SERVICE STATION, \$3000; 2051 Y
Sacramento; owner, A. M. E.
Dwelling, Sacramento; contractor,
N. Martland, 3048 K Sacramento.
DWELLING, 5-room, \$2925; 2220 26th,
Sacramento; owner, J. H. Wall, 325
Marshall Way, Sacramento.
DWELLING, 5-room and garage, \$3700;
owner, Ivan L. Marnollie, 116 33rd
Sacramento; contractor, Jos. Mc-
Quire.

SAN MATEO COUNTY

Recorded
Nov. 14, 1924—LOT 10 BLENK & BLENK
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840

[illegible]

SAN MATEO COUNTY

Nov. 13, 1924—PORT LOT 192 SAN
Mateo: Park San Mateo, J. D. Crish-
Nov. 13, 1924—PORT BLOCK 11 B D
Nov. 13, 1924—LOTS 15 & 16 BLOCK
Nov. 14, 1924—LOT 3 D COLUMBIA
Tract, Messner Lumber Co. vs C. E.
Nov. 14, 1924—LOTS 10 & 11 BLK F
San Mateo Height, Carl Lerup vs
Nov. 14, 1924—PORT LOT 192 SAN
Mateo: Park San Mateo vs B. B. L.
M. Chambers et al. \$477.

SAN MATEO COUNTY

Recorded	Amount:
Nov. 17, 1944 - LOT 1 BLK 11 EAS.	
100.00 to E. Dore & Co. \$100.00	
Oscar Carlson, \$225; Sydney Brit-	
tain, \$188.15 to Jeanette C. Dore..	

FRESNO COUNTY

DEVELOPING 4000 sq ft. 10000 No. 1474
Volcan, Fresno; owner, Ethel
H. Barker; contractor, S. L. Allen,
550 Northcamp St., Fresno.

DEVELOPING 500 sq ft. 2000000 10000
Each: No. 525-530-606-611 and 619
Harrison Ave., Fresno; owner, Val-
ley Bldg. & Invst. Co., Blackstone
St.; MCKINLEY CO., FR-3000

DEVELOPING 10000 sq ft. 10000 10000
Fresno; owner, J. Zengarelli; con-
tractor, Jas. Romano.

DEVELOPING 1000 sq ft. 10000 10000
1124 Wilson Ave., Fresno; owner,
Fresno Home Builders, 1331 Broad-
way, Fresno.

DEVELOPING 10000 sq ft. 10000 10000
Sussex Way, Fresno.

DWELLING, 4-room and garage, \$2500. No. 724 40th St., Sacramento; owner, E. M. Reigh, 925 P St., Sacramento.

DWELLING, 5-room and garage, \$3000. No. 2213 36th St., Sacramento; owner, W. E. Truesdale, 2116 H St., Sacramento.

GARAGE, \$2500. No. 1805 25th St., Sacramento; owner, Sacramento Rock & Sand Co., 1805 25th St., Sacramento; contractor, W. E. Truesdale, 2116 H St., Sacramento.

DWELLING, 7-room, garage and shed, \$4000. No. 640 40th St., Sacramento; owner, W. J. Rhodes, 3046 39th St., Sacramento.

DWELLING, 5-room and garage, \$3130. No. 2189 35th St., Sacramento; owner, J. G. Pare, 16154 13th St., Sacramento; contractor, L. F. Terra.

DWELLING, 5-room and garage, \$3000. No. 1786 35th St., Sacramento; owner, C. Vanina, 2022 M St., Sacramento.

DWELLING, 5-room and garage, \$3060. No. 4741 Folsom Blvd., Sacramento; owner, C. Vanina, 2022 M St., Sacramento.

DWELLING, 4-room and garage, \$2500. No. 1832 41st St., Sacramento; owner, J. I. Johnson, 1325 57th St., Sacramento; contractor, F. Bondini, 1325 57th St., Sacramento.

REMODEL ROOM, \$4000. Front and K Sts., Sacramento; owner, Mebius & Drescher.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Nov. 17, 1924—LOT 232 Heilbron Oaks
Present Wilson to whom it may
concern. Nov. 17, 1924
Nov. 17, 1924—ON BEGIN AT 123 ft.
N 70° 19' 30" E 105 ft. N 19° 10' 30"
E from intersect of N line of U St.
and the E line of Front St.; thence
N 19° 10' 30" E 36 ft.; thence N 70°
19' 30" W 46 ft.; thence S 19° 20' 30"
W 24 ft.; thence S 70° 19' 30" E 46
ft. to begin, Sacramento, Pacific
Gas & Electric Co. to whom it may
concern. Nov. 7, 1924
Nov. 17, 1924—N 80 ft. LOT 2, C. D.
19th and 15th Sts., Sacramento.
Donahue Props Co. to whom it may
concern. Nov. 8, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Nov. 22, 1924—N 1/4 OF LOT 1, G. H.
93rd and 16th Sts., Sacramento, Sac-
ramento Hardwood Floor Co. vs. J.
L. and Hannah Andressen et al. \$702

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Nov. 20, 1924—LOT 13, East 32nd
mento, Umberto Pea to whom
it may concern. Nov. 19, 1924
Nov. 20, 1924—N 1/2 OF N 1/2 of Lot
4, 4th and 23rd Sts., Sacra-
mento, Gertrude Tonzi to whom it
may concern. Nov. 19, 1924
Nov. 21, 1924—LOT 94 Mont Clair, J.
W. Newhart to whom it may con-
cern. Nov. 18, 1924
Nov. 22, 1924—NO S 45 FT. OF N
ft. Lot 21 Oak Grove Tract Cor
Am 128-43 ft. of E 1400 ft. of W
102.05 and right-of-way over E 3
ft. of W 20 ft. of 45 ft. of N
173-43 ft. of Lot 21, Sacramento.
Gertrude Tonzi to whom it may
concern. Nov. 20, 1924
Nov. 22, 1924—FOLSOM Division
Union High School District to
whom it may concern. Nov. 18, 1924

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

FURNITURE Store, 5-story and mezzanine, \$65,000. No. 423 E-Weber St., Stockton; owner, W. J. Horan, 410-18 E-Main St., Stockton; contractor, J. F. Shepherd, 303 First National Bank Bldg., Stockton.

BUILDING, \$—No. 2126 E-Washing-
ton St., Stockton; owner, Paul

Torre, 1904 E-Weber St., Stockton; contractor, J. Costello, 2243 Marsh St., Stockton.

DWELLING & Garage, \$2000. No. 1730 West Willow St., Stockton; owner, W. L. Owens.

DWELLING, \$1200. No. 1805 East Jackson St., Stockton; owner, Samuel Dagen, 920 E-Charter Way, Stockton

DWELLING and garage, \$4000. No. 72 E-Elis St., Stockton; owner, H. F. Flouton, 2403 N-Hunter St., Stockton; contractor, O. G. Tyler.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Nov. 19, 1924—LOT 9 BLK 3 Map of La Bonita Park, being subdivn of a portion of the City of Tracy, Marjorie Stevenson to J. L. Few.

Nov. 18, 1924—LOT 5 BLK 11, E of Center St., Stockton. Elizabeth R. Burr to D. C. Almon. Nov. 12, 1924

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story, \$3000. Chanslor Ave., bet. 33rd and 35th Sts., Richmond; owner, Tala Farris, Susanville, Calif.

DWELLING, one-story frame, \$2000. Garvin Ave., bet. 23rd and 24th Sts. Richmond; owner, M. M. Tucker, 165 6th St., Richmond.

DWELLING, one-story frame, \$2500. Andrus St., bet. 26th and 27th Sts. Richmond; owner, Robert Rasmasser, 9 Nichol Ave., Richmond; contractor, H. E. Sullivan, 627 Elm Berkeley.

DWELLING, one-story frame, \$4000. Pennsylvania Ave., bet. 7th and 8th Sts., Richmond; owner, H. C. McDonough, 1716 Barmett Ave., Richmond; contractor, S. B. Robertson, 930 Pennsylvania Ave., Richmond.

SACRAMENTO BUILDING MATERIAL EXHIBIT CHANGES HANDS

Miss Geneva Watson has disposed of her interests in the Sacramento Building Material Exhibit, 910 Ninth street, Sacramento. The new owner and manager is D. C. Nunneley.

The Sacramento material exhibit comprises 10,000 feet of floor space and affords the architect, contractor and prospective builder a pleasant quarters to investigate materials and equipment required for every class of building construction.

"Homecraft," a book containing 128 pages of valuable suggestions and home plans, is given to each visitor to the exhibit.

SEEK SUSPENSION OF PROPOSED RATES ON LUMBER

The Los Angeles Lumber Products Company has filed a request with the State Railroad Commission to suspend proposed reductions in the rates on lumber from McCloud, California, to consuming points within the State of

California, scheduled to become effective November 30, 1924, until the Commission has granted relief to San Pedro (Los Angeles Harbor) lumber industries in the proceeding now pending before the Interstate Commerce Commission and the Railroad Commission jointly, brought on complaint of Los Angeles Lumber Products Company.

PRESENT WAGE SCALES AS COMPARED WITH THOSE OF 1913

Both skilled and unskilled workers engaged in the building trades have secured marked wage increases in the past twelve months, says a recent issue of the Journal of Commerce (N.Y.). The United States department of labor gathered data on the prevailing union wage scales of skilled workers in forty representative cities throughout the country. An average of the rates prevailing in these cities compared with the average for 1913 and 1923 shows the following: Plasterers' wages now average 117 per cent above 1913, compared with 92 per cent a year ago. Carpenters' wages now average 110 per cent above 1913, compared with 96 per cent a year ago. Bricklayers' wages average 103 per cent above 1913, compared with 87 per cent a year ago. Thus among the skilled trades the plasterers have made the greatest percentage advance over 1913 and also the greatest compared with a year ago. The department of labor also received information dealing with the wages of building laborers in fourteen representative cities. Since 1913 laborers have secured wage increases amounting to 134 per cent, but since last year their wage gains equal 3 per cent. We are dangerously near, if we have not already passed the point where building tradesmen's wages cannot go without seriously affecting the construction industry. This fact is being brought forcibly to the attention of all engaged in the building industry and to potential builders.—Digest of Organization Activities.

U. S. ARCHITECTURAL EXAMINATION

The United States Civil Service Commission announces examinations will be held throughout the country on January 7 for the positions of chief architectural draftsman and junior architectural draftsman, to fill vacancies in the Quartermaster General's Office, Washington, D. C., at entrance salaries of \$2400 and \$1680 a year, respectively. Advancement in pay may be made without change in assignment up to \$3000 a year for chief and up to \$2040 a year for junior.

The duties of chief architectural draftsman are, under general supervision, to perform difficult free-hand or architectural drawing requiring judgment, exceptional artistic skill, a thorough knowledge of the customs and practices of the architectural profession in expressing ideas, plans, and data in drawings; or to supervise the work of a group of draftsmen of lower grade.

The duties of junior architectural draftsman are, under general supervision, to perform difficult free-hand and architectural drawing and related work requiring artistic knowledge, skill, and a thorough understanding of this field of drafting.

Full information and application blanks may be obtained from the United States Civil Service Commission, Washington, D. C., or the secretary of the board of U. S. civil-service examiners at the post office or customhouse in any city.

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Los Angeles City Council Revises Plumbers' License Law

Ordinance No. 32,714, regulating the business of plumbing and registration of master plumbers in the city of Los Angeles, has been revised and a new section, No. 3, has been added. The purpose of the amendment adopted by the city council and approved by the mayor Nov. 10, 1924, is to clarify some ambiguities in the original ordinance and to require owners taking out permits to do their own work to file with their applications affidavits of ownership of the premises where the work is to be done. Following are the amended sections of the ordinance as they now read:

Section 1. It shall be unlawful for any person, firm or corporation to engage in or carry on, or to represent or advertise himself, herself, itself, or themselves as engaged in or carrying on, the business of sanitary plumbing, gas fitting or the laying of sewers on private premises, unless such person, firm or corporation shall have first registered at the office of the chief inspector of buildings of the city of Los Angeles and obtained a "certificate of registration" as a master plumber as hereinafter provided.

Sec. 2. For the purpose of this ordinance a master plumber shall be deemed to be any person, firm or corporation engaged in the business of plumbing and gas fitting and doing plumbing work, gas fitting work, or laying of sewers on private premises, or doing similar work affecting the sanitary drainage systems of any house, building, structure or premises, for the general public.

For the purpose of this ordinance a journeyman plumber shall be deemed to be any person who is employed to do plumbing and gas fitting work for a wage or salary either by the day, week or month, but who does not furnish any materials or supplies in the execution or performance of any such plumbing and gas fitting work.

Sec. 3. The board of public works shall not issue any permit, to any person, firm or corporation engaged in or carrying on the business of sanitary plumbing, gas fitting or the laying of sewers on private premises, to install, alter or repair sanitary plumbing, gas fitting or sewers as provided and required by ordinance No. 28,700 (N. S.) until such person, firm or corporation has first registered and obtained a "certificate of registration" as provided in this ordinance; and shall not issue any such permit to any other person, firm or corporation until an affidavit sworn to before a notary has been filed with the chief inspector of buildings stating that said person, firm or corporation is the owner of the building, structure or premises where the proposed sanitary plumbing, gas fitting or sewer work is to be done; giving the location of the proposed work

by street and number or other equivalent description; agreeing to personally purchase all materials used in said proposed work; and agreeing to either personally perform all labor in connection therewith or employ some one at a wage or salary by the day, week or month; provided, however, that an owner may authorize his agent by a power of attorney in each case where a permit is required to sign said affidavit and act for him. Said affidavit of power of attorney shall be verified upon oath by a duly authorized officer of a corporation, a member of a firm or copartnership, or if an individual, by such person as the case may be.

Sec. 4. Every person, firm or corporation desiring to be registered and to obtain a "certificate of registration" shall make application in writing to the board of public works of the city of Los Angeles, at the office of the chief inspector of buildings, on blanks furnished by said board for that purpose.

Every such application shall give the name and address of such person, firm or corporation, and if a firm shall give the names of the members thereof, and if a corporation shall give the names of at least three of the principal officers thereof, together with such other information as may be deemed necessary by the said board of public works. Such application shall be verified upon oath by such person, or if a corporation by an officer thereof, as the case may be, or by the duly authorized agent of such person, firm or corporation.

Every such application shall state the business proposed to be engaged in, insofar as same is regulated by this ordinance, and if such business includes the installation, alteration or repair of sanitary plumbing, shall file with said application a "certificate of qualification" as a master plumber or a copy thereof, from the board of examiners of plumbers of the city of Los Angeles.

Every such application shall be accompanied by a bond executed to the city of Los Angeles with two or more sufficient sureties or by a surety company authorized so to do, or by a corporation or association having the authority to act in such capacity, in and in the sum of one thousand (\$1,000.00) dollars, and said bond must be conditioned that the whole or any part of said one thousand (\$1,000.00) dollars shall be paid to any person who has suffered damage by reason of the violation of any provision of this ordinance or any amendment thereto or any of the provisions of an ordinance numbered 28,700 (New Series) and entitled "An ordinance regulating the construction, alteration, repair, demolition and removal of buildings and other structures and regulating the construction and installation of plumbing

and house drainage and the installation of gas piping and fittings in the city of Los Angeles, and providing for the issuing of permits therefor," in so far as said ordinance regulates the installation of plumbing or house drainage or the installation of gas piping or fittings, or the issuing of permits therefor, either then in force or which may thereafter be adopted. Said bonds shall not be void upon the first recovery but may be sued and recovered upon from time to time by any person who has suffered damages as herein referred to in his own name, until the whole penalty is exhausted. The sufficiency of the surety or sureties on any such bond shall be approved by the board of public works and every such bond shall be approved as to form by the city attorney of the city of Los Angeles.

WINTER CONSTRUCTION IDEA IS GIVEN BOOST

The campaign for more building and repair work during the winter months, aimed at reducing unemployment and giving the public greater returns for the money it spends on construction, is finding much of its most energetic support from manufacturers and distributors of building materials, according to the Division of Building and Housing of the Department of Commerce. Many of the most prominent concerns in the country, as well as organizations doing a smaller business and retailers, have called attention in various ways to the advantages of winter building.

The usual let down in construction during the winter has in the past cut down retail sales, and consumption of practically all building materials, to a fraction of summer business. The uneven demand extends back to the raw products from which materials are made, and results in irregular employment and decrease in purchasing power on the part of a large section of the community. The seasonal fluctuations in railroad traffic are increased, and there is a generally upsetting influence on business and employment. The vigorous campaign for a more even building year is therefore being supported by manufacturers who are not only contributing to public education on the subject, but are working on the technical problems which concern builders in making winter work easy and economical.

The basic idea in the campaign is that all persons planning new construction or the employment of building trades workers for repairs or other purposes should take into account probable employment conditions in determining when to start the work. In this way the unemployment of building trades workers and of building material producing organizations during several months of the year is being reduced and the public is profiting.

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SAN FRANCISCO, CALIF., DECEMBER 6, 1924

Published Every Saturday
Twenty-fourth Year No. 40

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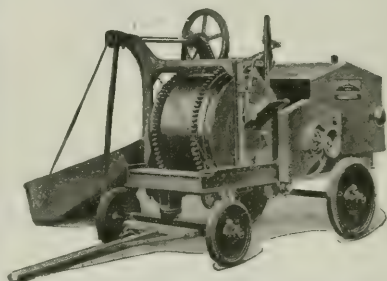
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Board

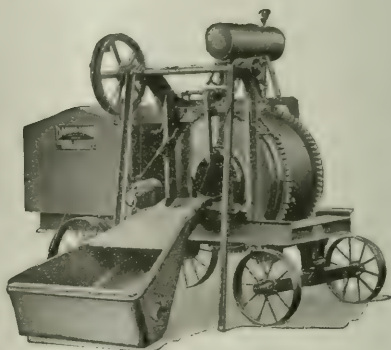
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Most important, you can be sure of full capacity—utmost reliability—and long service life—because this mixer is Koehring built, engineered and constructed to out work, out last anything in the light mixer field. Price? Not the lowest price

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SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 6, 1924

Twenty-fourth Year No. 49



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SAN FRANCISCO BUILDING FOR
NOVEMBER TOTALS \$6,358,729

Construction activities in San Francisco for the month of November, 1924, totaled \$6,358,729, according to figures compiled by Louis J. Bailey, acting chief building inspector of the department of public works. During the month 707 permits were granted. Of these 318 were for alterations, repairs and additions to standing structures, the total expenditure for these improvements being placed at \$3,215,441. The balance of the operations covered new construction.

The total of the past month, according to the value, exceeds the total for the month of October, this year, and the month of November in 1923. In October, this year, 818 permits were issued for improvements costing \$6,116,313 and for the month of November, 1923, 786 permits with a total value of \$3,850,265.

The following is a segregated list of the operations for November, 1924, as compiled from records of the department of public works:

Class	No. of Permits	Est. Cost
"A"	1	\$ 125,000
"B"	1	46,000
"C"	31	623,020
Alterations	318	3,215,441
Frames	355	1,983,433
Public	1	365,835
Total	707	\$6,358,729

Traffic Control Committee Will Submit Recommendations at Conference

Standard rules governing the conduct of travelers on the highway; uniform speed regulation aimed primarily at reckless driving; and examination and licensing of all motor vehicle operators, with a ban on the mentally or physically unfit as well as persons under years of age or who cannot read English, are among the outstanding recommendations made by the Committee on Traffic Control of the National Conference on Street and Highway Safety to Secretary Hoover, which will be presented at sessions of the Conference in Washington on December 15, 16 and 17.

"Traffic control and traffic law enforcement have been added to the duties of police forces that in some cases are little if any larger than before the advent of the motor car, and the traffic has outgrown the organization to control it," says the Committee. "Uniform, impartial enforcement of reasonable requirements by adequate and properly organized police is a primary necessity in reducing street and highway accidents. The mere addition of numbers of traffic officers untrained in the special problems will not insure the desired results."

"The most abundant provision of streets and highways, the most careful working out of traffic regulations and the most vigorous enforcement of traffic laws, to be 100 per cent effective in the reduction of accidents, must be supplemented by a sense of personal responsibility instilled in every motorist and every pedestrian."

Other important recommendations include:

That speed regulations should be directed primarily at reckless driving and should be uniform throughout the country. That communities should be empowered to fix speed limit zones, but should be required to mark the boundaries of such zones plainly; and should be prohibited from establishing a speed limit lower than 15 miles per hour. Speed in an excess of 35 miles per hour in rural areas should be considered prima facie, reckless, and the burden of proof of its reasonableness should rest upon the operator.

That overtaking moving vehicles on sharp curves, approaching hillcrests, at intersections, and at railroad crossings should be prohibited.

That parking should not be permitted where it will endanger or seriously impede moving traffic or prevent reasonable access to the sidewalk for loading or unloading of vehicles. This will prohibit the parking or stopping of cars on any part of the traveled portion of a rural highway.

That a single cautionary signal made by extending the arm well outside the vehicle is recommended as preferable to a more complex code.

That vehicle should not be permitted to exceed a speed of 15 miles per hour when approaching within 100 feet of a railroad crossing.

That in cities pedestrians should be required to keep within the boundaries of designated safety zones and crossing places. That motorists should be required to accord pedestrians safe and dignified use of such safety zones and crossing places.

That reckless driving and other flagrant disregard of the rights of others by any user of the streets or highways should be vigorously and unceasingly

prosecuted. Legislation should provide adequate penalties, including mandatory revocation of licenses for cumulative evidence of carelessness or irresponsibility, for operating a motor vehicle while under the influence of intoxicating liquors or drugs *** and severe penalties for driving after revocation. There should be a sufficient number of organized traffic officers to detect and prosecute such infractions.

All persons operating a motor vehicle should be properly licensed. Such licenses should be issued by a state department or division having entire administration of the motor vehicle law as its exclusive duty; with full authority to refuse a license, to suspend or revoke a license already issued for any reason deemed sufficient. Before granting such license the applicant's ability to operate a motor vehicle safely should be determined by ascertaining his physical and mental fitness, knowledge of the law, and by requiring an actual demonstration. Persons under 18 years of age or who cannot read English should not be permitted to operate a motor vehicle.

Lack of uniformity, the Committee points out, leads almost every motorist to violate some traffic law or regulation occasionally. An "unwholesome contempt for the law, and inclination to substitute individual judgment for the prescribed rules," the Committee says, has resulted from the fact that many laws are unreasonable and practically unenforceable.

Deviations from uniform rules "should be conspicuously posted where they are in effect" It is declared. While organizations and conferences have done much toward standardization, minor differences have not been harmonized and the actual adoption by states and cities has not progressed to the desired extent. This object may be expedited by the Conference, the Committee declares.

Discussing the advantage of maintaining a prevailing average of speed for all vehicles on heavily traveled roads, the Committee declares that the excessively slow vehicle may be as serious a menace to traffic as the speed maniac. However it deems education preferable to legislation in this respect.

There is need of consideration of the motorist, toward the pedestrian, the Committee points out. "Certainly," it says, "if motorists will display proper consideration for pedestrians crossing at intersections with the traffic, thus demonstrating his greater safety at these points, this will go far toward encouraging him to promote his own and the general safety." But the Committee points to the fact that "the average pedestrian seems to have little regard for traffic regulations even those intended to promote his own safety and violates the simplest requirements. *** Since in doing these things he is mainly risking his own life the extent to which he can be compelled by law to do otherwise is problematic."

The position of the Committee with regard to children is expressed thus: "Public streets are no longer a safe place for children to play. It is obvious, therefore that public playgrounds should be supported and multiplied so that street play for children may be eliminated."

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Railroad Commission has denied the application of Los Angeles Lumber Products Company for the suspension of reduced rates on lumber and lumber products from McCloud to consuming points within the state of California. These reductions, ranging from 2 to 3½ cents per 100 pounds, are scheduled to become effective through publication by Southern Pacific Company and Pacific Freight Tariff Bureau, on November 30. Los Angeles Lumber Products Company desired to have these reduced rates suspended pending a decision in the joint proceeding brought by that company before the Interstate Commerce Commission and the Railroad Commission of California, involving a proposed revision of lumber rates from northern producing points and Los Angeles harbor points to points throughout California, in order to eliminate an alleged discrimination against Los Angeles harbor lumber industries.

According to advices from Merced, the Yosemite-Portland Cement Company, which through failure to secure the Merced in-lake district certificate issued for Excelsior dam, was compelled to suspend business, may lose the property on which its plant is located. Suit has been filed in the Superior Court at Merced by the Charles Nelson Company, San Francisco, asking the property be sold to pay a bill for \$414.24 for building materials used on construction of the plant by the Hunt Engineering Company of Kansas City.

East Bay Building & Loan Association has been organized at Oakland with temporary headquarters at 421 Nineteenth street. The capitalization is \$200,000. The announcement is made by A. W. Clark of the Clark & Henry Construction Company with headquarters in San Francisco, secretary of the association. Other directors include: G. B. Hengen, capitalist; Chas. W. Heyer, engineer; Roscoe D. Jones, attorney and F. H. Clark, corporator on secretary.

Bids will be considered by the Multnomah County Commissioners, Portland, Ore., on January 7 to construct the proposed Sellwood bridge, estimated to cost \$400,000. The structure will be of the continuous truss span design, the approaches to consist of reinforced concrete girder spans on reinforced concrete columns. The bridge proper will be 1090 feet long and 30 feet wide.

Building in Alameda during November totaled \$88,959, the lowest for the entire year to date, according to the monthly report of Building Inspector Eugene Mallot. Permits were issued during November for 21 new buildings to cost \$64,000. There were 58 permits for alterations costing \$24,559.

Ralph Wiley, chief of the Department of Electricity, estimates the cost of illuminating the dome of the San Francisco city hall at \$10,000. The Board of Public Works will shortly ask bids for the electrical installations.

Furch & Nelson, 79 Twelfth St., Oakland, plan early construction of a \$50,000 plant in San Pablo avenue near University avenue, Oakland, for the manufacture of paint and varnish.

Tendency of construction costs to move upward, reflecting growing demand for materials, gain in contracts let and increasing price firmness, is reported by Engineering News-Record (New York). A 1 per cent gain in costs over those of early November will be reached by December 4, present indications show. Expansion in demand is noticed, particularly in concreting materials, lime, linseed oil and clay products. Demand for brick dropped 12 per cent in the last 30 days and lumber requirements dropped slightly. Except for these staples, a general upward movement in materials demand is noted. Comparison of totals of contracts let in September and October of this year with those let in the same two months in 1923 shows a 1924 gain of 17 per cent. Contract values for the seven weeks from October 2 to November 13, inclusive, show a gain of 15 per cent over the same period of last year.

Figured at \$4 a thousand board feet, the total loss of private timber owners from forest fires this year aggregates approximately \$24,000, is the announcement of Jack Kimball of the Klamath Forest Protective Association at Klamath Falls, Ore. A report submitted by Duncan McLeah, connected with the protective association, estimates the loss of yellow pine at 4,959,540 board feet. The acreage burned over during the forest fire season aggregated 18,405 acres. One hundred and sixty-six fires were fought by the forces of the protective association.

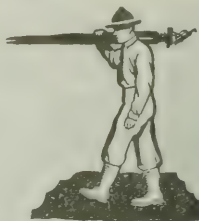
The Greater Los Angeles Corporation, an organization which proposes to finance industrial corporations in Los Angeles, has filed incorporation papers with Secretary of State Frank C. Jordan. The papers give the capital stock as \$5,000,000 and reserved the right to increase this amount to \$50,000,000 in the future. Outstanding among thirty-nine incorporators were Frank P. Flint, Rex E. Goodell and Harry Chandler of Los Angeles and Paul Shoup of San Francisco.

On account of the necessity for increased production the National Rock & Gravel Co. has been absorbed by the National Rock Products Company, Inc., a new \$150,000 corporation controlled by the same interests and having the same officers and directors. The plant, located at Roscoe, Calif., has been enlarged, new and modern equipment added and production increased to 900 tons daily.

Chester P. Cahoon, general manager of the Salt Lake Pressed Brick Company of Salt Lake City, Utah, was a recent visitor at the San Francisco Builders' Exchange. Cahoon was in California to further the sales of the Salt Lake Company which manufactures hollow tile, sewer pipe, common and face brick and Heath Building Tile.

The Palo Alto Paint Co. is occupying new quarters at 534 Emerson St., Palo Alto. The firm formerly operated in University Ave., but due to increased business, larger quarters were found necessary. Health and Milligan and Acme paints are especially carried by the Palo Alto concern.

ALONG THE LINE



The position of consulting engineer for Los Angeles harbor has been formally tendered to Maj. Gen. Lansing H. Beach by the harbor commission. The salary will be \$12,000 a year, the appointment to run until July 1, 1925, when the new city charter goes into effect. Gen. Beach, who is now in Mexico, it is understood will accept. Several experienced harbor engineers are being considered by the commission for the post of chief harbor engineer, temporarily filled by J. W. Ludlow.

City Manager Fred A. Rhodes of San Diego has recommended to the city council the appointment of M. M. O'Shaughnessy, city engineer of San Francisco, as consulting hydraulic engineer to prepare plans for the impounding dam at El Capitan reservoir site, for which \$4,500,000 bonds were voted.

Herold V. Pratt and Chas. A. Pellymouter have filed a certificate of co-partnership and will operate under the trade name of Mountain View Roofing Company with headquarters in Mountain View. They will engage in a general roofing business in addition to selling roofing materials.

C. C. Boynton of Kawneer Manufacturing Co. and Chas. Lamb of Tilden Lumber Company, have been appointed to confer with the Berkeley City Council regarding extensions to municipal wharf and additional shed facilities. It is estimated the improvements will cost \$15,000.

Robt. Murray, John A. Ewen and August Melver have formed a co-partnership and will operate under the trade name of California Cut Stone & Granite Works with plant and yards at Seventeenth and De Haro streets, San Francisco.

J. Wyman Ludlow, acting harbor engineer, and J. C. Shaw, assistant harbor engineer, have tendered their resignations to the Los Angeles harbor commission. They were accepted to take effect January 1.

W. L. DeWitt and O. R. Webb have opened offices at 1046 Schuyler St., Portland, Ore., operating under the firm name of DeWitt-Webb, and are equipped to handle quantity surveys, appraisals, costs and purchasing lists.

E. H. Higgins Building Material Co. is having machinery installed at 2 Sixth Ave., Richmond, Calif., where the company will engage in the manufacture of cement hollow blocks, cement brick and roofing tile.

Shash and door factory of Rees-Borman Manufacturing Company, 1429 105th avenue, Oakland, suffers \$35,000 fire loss, Nov. 30. The loss is covered by \$13,000 insurance.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

LABOR ORGANIZATIONS SAW LOSS IN MEMBERSHIP

Trade union membership decreased 1,531,000 in three years, according to a report recently completed by the National Bureau of Economic Research. In 1920 the high water mark was reached when the unions reported a total membership of 5,110,500. Within three years this had dropped to 3,779,900. In the years before the war, when membership rose from about 450,000 to 2,750,000, the gains were made by the building trades, steam railroads and printing industries unions, and by the coming into power of the United Mine Workers, the report says. Nearly half of the total membership was in the transportation and building groups, while the rest were scattered all over other industries and services. Largely as a result of the temporary effects of industrial depression and partly the effect of the permanent liquidation of war industries, the period from 1920 to 1923 was one of falling membership.

ENGINEERS ELECT OFFICERS

E. M. Gleason Jr., was elected president of the new Santa Barbara Chapter American Association of Engineers. U. S. Grant was chosen vice-president; George D. Morrison, secretary-treasurer, and Lockwood De Forest Jr., assistant secretary-treasurer. The charter was formally presented to the new chapter by National Director Donald M. Baker of Los Angeles, at a dinner meeting held at the Arlington Hotel, Santa Barbara. A delegation of members of the A. A. E. from Los Angeles attended the meeting.

ANNUAL CONVENTION OF A. G. C.

The next annual convention of the Associated General Contractors will be held at Washington, D. C., on January 12, 13 and 14, 1925. Headquarters will be at the Washington Hotel, Washington, D. C. The sessions of the convention will be followed by a meeting on Friday, January 16th, with the U. S. War Department for the purpose of discussing methods relative to the most effective mobilization of the construction industry in the event of war.

LUMBER RATE REDUCTION IS APPROVED BY R. R. COMMISSION

British Columbia lumber will not be favored with rates enabling it to compete with the California product.

Over the protest of the Los Angeles Lumber Products Company, the California State Railroad Commission granted the Southern Pacific Company permission to reduce rates from 2 to 3½ cents a hundred pounds.

The Los Angeles company, which receives cargo from British Columbia and other coast points, wished to have the rate on lumber coming south equalized with that going north, which would allow Los Angeles to break even on the water charges on lumber shipped from northern points.

Unless the Interstate Commerce Commission abrogates the reduction, the Los Angeles company will be compelled to sell its northern lumber at higher prices than obtained in northern towns. The reduced rates are effective November 30.

Engineers Seek to Increase Capacity of Highways for Safety

"Only a very small percentage of the street and highway accidents today can be attributed directly to construction and engineering defects," declares the Committee on Engineering and Construction of the National Conference on Street and Highway Safety in a report to Secretary of Commerce Hoover.

Foreseeing a vastly greater amount of motor traffic in the future, the Committee, after several months' of study, has prepared recommendations as to the most modern practices calculated to increase the capacity of the highways and at the same time to improve safety.

Problems of the grade crossing, of uniform signs and signals of visibility, of grades and curves are among the more important dealt with in the recommendations. But the Committee emphasizes the need of providing right-of-way for parking spaces, for clear view at intersections, and for future widening "before the cost of land becomes prohibitive."

"Grade crossing elimination through co-operation of municipalities, states and railroads must be the ultimate remedy for the railroad-highway grade-crossing peril" the Committee declares, with the continuing recommendations that "the creation of new grade crossing should be avoided wherever possible" even to the extent of re-locating highways to avoid such difficulties; and that "crossings remain at grade should be safeguarded in every way."

Automatic signals, crossing flagmen or gates, depending upon the volume of railway and highway traffic, are recommended to supplement the standard warning signs or pavement markings, "a clear view along the track in both directions should be maintained," and "sharp curves, abrupt changes of grade or other conditions at or near the tracks which tend to divert the attention of the motorist should be avoided."

Four of the Committee's recommendations deal with "cautionary" or stop signs and signals at danger points, direction and distance signs at important intersections and signs and signals to indicate special traffic rules and regulations which, the Committee says, "should be provided as part of the construction" and which "should be simple and uniform for a given purpose throughout the United States."

Uniform color indications for signs and signals recommended by the Committee are: Red for "stop;" green for "proceed;" yellow for "caution"—as at curves; purple or other color as a special cautionary indication at crossroads; with white letters or symbols on the red, green or purple backgrounds, and black letters or symbols on the yellow. "Distance and direction signs should be black and white," the Committee says.

Because parking or stopping on the traveled portion of rural highways is a

common source of danger, the Committee recommends that "improved rural highways should be provided either continuously or at intervals not exceeding 300 feet, with level parking places entirely outside of the traveled way."

"A clear view of approaching vehicles for a least 300 feet should be provided at all points on highways of primary importance," says the Committee. "This may necessitate removing trees, shrubs, and sloping banks on or off the right-of-way at curves and intersections, and cutting down sharp hillsides."

"Heavy grades and sharp curves should not be combined," says a recommendation which would provide a radius of 300 feet or greater for curves on highways of primary importance. Widening and banking of curves, erection of guard rails on the shoulders of embankments, and elimination of one-way bridges are also recommended as essential.

Careful selection of detour routes around highways or streets under construction or repair is recommended, with provision that detours "should be maintained in safe condition and clearly marked," with daily inspection as to the condition and marking.

White center lines are recommended for curves, hillcrests, irregular intersections and other danger points, but the Committee declares that such lines should not be used on straight level sections of highway, or between blocks in cities. Marking of pedestrian lanes on the pavement at busy intersections is also recommended.

Illumination of city streets sufficiently to permit of great headlights unnecessary and flood lighting of traffic officers is recommended. "The desirability of lighting rural thoroughfares carrying heavy night traffic is recognized" continues the report, "but it is believed that at the present time this is in most cases not feasible." To aid night travel, objects near the roadway should be painted white, as should be obstructions like columns and curbs at the centers of underpasses.

"No carrier for hire should be granted a permit to operate on any section of highway unless the vehicles it contemplates operating can pass over every section of the highway without encroaching upon the lane of traffic in the opposite direction," says the Committee's discussion of the "de luxe" bus, which has a wider spread of rear wheels than other models.

Other recommendations deal with problems of street and highway widths, including those where the direction of traffic varies, and where street cars complicate the movement of traffic. The crossing and recrossing of street car lines running at the side of rural highways is declared highly dangerous. Recommendations are also included as to technical matters, such as grade levels, the radius of curbs, fixed signals, width of bridges, and snow removal, standards of illumination, and the placing of street lights.

WIDEST STEEL ROLLING DOOR

The Cornell Iron Works, Inc., 26th St. and 11th Ave., New York, announces the completion of the widest steel rolling door ever made. The opening is

45 feet in width, 17 feet high and cover a railroad entrance into the Kirkham and Son Building in Brooklyn, N. Y. The door proper weighs two tons and operates up and down by electric motor in thirty seconds.

TURPENTINE-ROSIN PRODUCTION

The Department of Commerce announces that, according to the data collected by the Bureau of the Census in co-operation with the Bureau of Chemistry, Department of Agriculture, the establishments engaged primarily in the manufacture of turpentine and rosin from crude gum reported products valued at \$35,156,715 for the crop year ended March 31, 1924. This represents an increase of 50.9 per cent as compared with \$23,300,845 for the year ended March 31, 1922, the last preceding biennial census year.

Of the 1203 establishments reporting for 1923-1924, 540 were located in Georgia, 429 in Florida, 131 in Alabama, and the remaining 103 in Louisiana, Mississippi, North Carolina, South Carolina, and Texas.

The total production of turpentine by all classes of establishments increased from 24,820,620 gallons during the crop year 1921-1922 to 29,781,944 gallons during the crop year 1923-1924, the rate of increase being 20 per cent; and the output of rosin increased during the same period from 1,690,971 barrels to 1,990,865 barrels, the rate being 17.7 per cent.

Although turpentine and rosin are produced principally from crude gum, considerable quantities are made from the distillation of wood, by both the steam and destructive processes. During the calendar year 1923, 2,607,364 gallons of turpentine and 200,778 barrels of rosin were produced by this method. These quantities represent increases of 49.0 per cent and 584.2 per cent, respectively, as compared with the calendar year 1921.

LUMBER SHOWS STRENGTH

Reports showing the trend of the lumber movement of the country for the week ending Nov. 15 received by the National Lumber Manufacturers Association from 358 of the larger commercial sawmills of the country, as compared with revised reports from 359 mills of the preceding week indicate that while there was a continued decrease in production, there was a substantial increase in new business, and a small decrease in shipments. Production decreased 5,044,539 feet, shipments 2,885,104 feet, while new business increased 5,737,222 feet.

The unfilled orders of 244 Southern Pine and West Coast mills were 561,152,581 feet, as against 539,913,612 feet for 244 mills the week before. Separately, the Southern Pine groups, 123 mills, reported unfilled orders as 243,631,675 feet compared with 234,968,475 feet for the same number of mills the previous week 116 West Coast mills had unfilled orders amounting to 317,880,906 feet, as against 304,945,137 feet for 116 mills a week earlier.

Of the 353 comparably reporting mills had production of 95 per cent and shipments 110 per cent of actual production. For the Southern Pine mills these percentages were respectively 110 and 123; and for the West Coast mills 77 and 91.

Of the comparably reporting mills, 324 (having a normal production for the week of 209,725,472 feet) reported production 98 per cent of normal, shipments 89 per cent, and orders 103 per cent thereof.

WISCONSIN MINIMUM WAGE LAW UNCONSTITUTIONAL

In a recent decision handed down by the Wisconsin Supreme Court, the minimum wage law of that state has been declared unconstitutional. The court cited the decision of the United States Supreme Court in holding that the District of Columbia law was unconstitutional, and called attention to the fact that the two acts were similar. It is understood that the State will appeal to the United States Supreme Court.

Extraordinary Interest Shown in Foreign Trade—Report Discloses

(Special Correspondence)

The Department of Commerce has made public the annual report of Dr. Julius Klein, director of the Bureau of Foreign and Domestic Commerce. In a letter to Secretary Hoover summarizing the work of the bureau for the year ending June 30, 1924, Dr. Klein pointed out that the work of the Bureau has doubled in the last two years and during the year just ended the number of instances in which it has aided American business men have totaled 1,250,000 with an average of more than 5000 inquiries a day at the close of the fiscal year. On the basis of an investigation involving 3675 inquiries addressed by business firms to the Bureau it was found that the resulting business amounted to about \$427 per inquiry. This would indicate several hundred millions in foreign trade secured for the United States as the result of answers to inquiries handled by the bureau during the year. In certain respects the bureau's services to the American business community have increased as much as tenfold since 1922. The vital value of the bureau to all Americans concerned with world trade was signally illustrated during this past year by its informational and promotional efforts following the great earthquake disaster in Japan. Though the office in Tokyo was destroyed and its established routine shattered, the work was immediately resumed and vigorously pushed forward.

Accurate estimates were given of the extent of the damage to the economic structure of Japan. Americans relying on raw materials from Japan were advised of the position and prospects. Markets for reconstruction materials were investigated. The purchase of great quantities of supplies here was furthered.

Yet this was only the most outstanding example of a service, which, throughout the world, has been constantly growing in effectiveness. Profiting by their accumulated experience and utilizing even more skillfully all the available means of trade promotion our offices abroad and our divisions at Washington have made their efforts show a steadily rising proportion of practical results. Those efforts have been determined not by mere theories but by the specific requirements of American business.

During the past year the most significant feature of our work is to be found in this element of intimate contact and cooperate with American manufacturers, exporters, financiers, and domestic merchants. Now, more than ever before, the bureau is functioning as an integral part of American economic life—an organization responsive to the guidance of its clients, while at the same time initiating a variety of services designed to strengthen and augment the currents of trade.

The increase in the number of inquiries received from the various industries in this country is held by Dr. Klein to be ample demonstration of the effectiveness of the bureau, and particular stress is laid upon the export trade services rendered by the Foodstuffs Division to the various branches of agriculture that raise crops for export. Over 143,000 inquiries on foreign market problems were received by this one division from farmers, co-operatives and dealers in farm products during the last fiscal year, as compared with less than 29,000 requests for information recorded for 1921-22. Following the Foodstuffs Division in 1924

comes the Automotive Division with 106,000 inquiries, the Specialties Division with 98,000, and the Textile Division with 81,000. A marked and highly satisfactory increase in the number of inquiries received from small firms is noted.

The growing interest of American business men in Western Europe is demonstrated by the receipt at the Bureau in 1923-24 of no less than 340,000 inquiries relating to that district, as against only 32,000 during the fiscal year 1921-22. Second only to the interest in Western Europe is that taken in Latin America, as evidenced by more than 232,000 inquiries, nearly all of which have to do with practical and immediate sales problems. In 1921-22, although interest in Latin America was then keen as compared to previous years, the number of inquiries received was less than 21,000. A rapidly growing interest in the Far East is reflected by the 174,000 inquiries received during the last fiscal year, as compared with 15,000 in 1921-22.

In addition to the thousands of small orders the Bureau obtained for American business men, there were individual efforts that brought results that ran into six figures or more. The Rome office was instrumental in obtaining for an American concern a contract of nearly three million dollars for the construction of harbor works, and on another occasion helped to swing to the United States a concession for mineral exploration entailing the expenditure of \$5,000,000 within ten years. The intercession of the Commercial Attaché at Madrid resulted in a saving of \$250,000 to an American concern, and the Warsaw office adjusted a \$500,000 claim of an American exporter against a Polish textile mill. A leather-belt company in California says it has received \$500,000 worth of business as a result of assistance rendered by the Bureau. Several pages of the Bureau report are devoted to practical achievements of this sort.

A feature of the year's work has been the completion of surveys into conditions surrounding the production and handling under the control of foreign monopolies of a number of highly important raw materials, such as rubber, tanning materials, nitrogen, agricultural products, and sisal, the studies being limited to such products as must be imported into this country in large quantities.

Three new foreign offices were opened by the Bureau, at Alexandria, Batavia and Bogota, giving it a total of 32 such posts by July 1, 1924. This number has since been raised to 40.

For the first time in the history of government trade statistics, figures were made available showing the export trade of the various States in this country. These figures were warmly received and will continue to be issued quarterly. Another innovation was the publication of figures on parcel-post exports from this country, an item heretofore completely ignored in compiling statistics of our shipments abroad and especially significant for the small manufacturer and exporter. Parcel-post exports were valued at \$11,000,000 for the six months ended June 30. Further progress is also reported in speeding up the publication of all import and export statistics.

In connection with the distribution of trade information, the Bureau tended more and more during the year toward a specialized service to bonafide American firms through the medium of confidential circulars, a policy

that has the strong endorsement of American exporters.

The increase in the work performed by the Bureau during the last fiscal year, as compared with the two preceding years, has been much greater relatively than the increase in personnel. This Dr. Klein says in his report, is due to a variety of factors, such as more efficient methods of operation, a greater systematization of service, and the growing efficiency and ease with which the collection of data and the handling of inquiries have proceeded.

HOUSING IS TOPIC IN REPORT OF COMMERCE CHIEF

"Elimination of national waste" is the keynote of Secretary Hoover's annual report recently made public by the Department of Commerce. Under this head Mr. Hoover reviews the accomplishments of the Department during the first three years of the present administration, notably in the fields of unemployment, seasonal construction, coal, superpower, standardization, simplified practice, co-operative marketing, and the reduction of housing costs. Trade association activities are discussed from the same angle.

Under the head of reducing housing costs Mr. Hoover says:

"The high cost of housing construction brought to the front the necessity for the elimination of waste in that field as a contribution to lowering costs within the purchasing power of the community, and so maintaining activity. As a part of the work of the Department upon the simplification of building materials, the Division of Building and Housing was established to attack such problems as the development of uniform municipal building codes, the investigation of losses and wastes in financing home building, and the study of city and town zoning.

With the co-operation of those directly concerned the Division prepared a standard municipal building code for small house construction, a recommended plumbing code, and a standard State zoning enabling act which has already been adopted by 13 States. During the past year officials of the Department joined with private endeavor to form "Better Homes in America" as an organization for education and public service, under the presidency of Mr. Hoover.

LUMBER MARKET IMPROVES

An increase in production, shipments and orders (new business) for the week ending November 22 is indicated in reports received by the National Lumber Manufacturers Association from 379 of the larger commercial sawmills of the country, as compared with reports from 365 mills for the preceding week. Production increased 5,896,277 feet, shipments 36,877,362 feet, and orders 46,771,515 feet.

The unfilled orders of 247 Southern Pine and West Coast mills were 555,337,182 feet, as against 558,685,381 feet for 245 mills the week before. Separately, the Southern Pine group, 129 mills, reported unfilled orders as 247,288,690 feet, compared with 240,803,475 feet the same number of mills the previous week. The Southern Pine mills these percentages were respectively 116 and 126; and for the West Coast mills 98 and 124.

Of the comparably reporting mills, 349 (having a normal production for the week of 216,601,934 feet) reported production 99 per cent of normal, shipments 102 per cent, and orders 122 per cent thereof.

Highway Research Board to Seek New Type of Road at Washington Meet

The Highway Research Board of the National Research Council will hold its fourth annual meeting to be held in Washington Dec. 4th and 5th, is emphasizing the need of a new type of road that will provide a good surface for secondary traffic, yet low in first cost and maintenance.

The secondary and local roads of this country have a far greater mileage than the main traffic lines, yet relative to very large mileage little progress has been made along the lines of improving this type of construction. Because of the small amount of traffic on the local roads, surfaces such as concrete, asphalt, and brick are not possible because of the great cost of building the hard surfaced types.

Many communities do not have available deposits of natural rock building materials and consequently the construction of secondary roads have not kept pace with the demand for a serviceable road that will provide a good surface to traffic every day of the year. A large number of states have constructed these local roads of broken stone, gravel, or of selected soil such as sand-clay or top-soil. It has been definitely proven that when a gravel or selected soil road carries more than 500 vehicles a day this type of road surfacing is unsatisfactory. The surface becomes rough and corrugated and it requires much work on the part of the maintenance forces to put it in good shape.

Several State Highway Commissions have been experimenting with various materials to determine a method of

constructing a road that will cost even less than for a gravel road yet more satisfactory. In one State the so called "Veneer" type of road has been built and it shows great promise. This type is built by placing three inches of 2 to 2½ inch stone directly upon the shaped road surface and rolling it into the soil so that the stone is properly keyed to the subgrade. Then a light coating of asphaltic road oil is poured on to the stone and this is then followed by placing smaller stone on the surface to prevent the passing cars from "picking up" the asphalt. These smaller stone also wedge into the larger ones underneath, thus forming a hard, dense layer. Other types of construction, such as the sand-asphalt and marl-asphalt are being tried; both of these types utilizing local material incorporated with small amounts of asphalt to serve as a binding material. The Highway Research Board is calling attention to the fact that while all present research work should continue, the need of a low cost, serviceable road is needed so that the local farm roads may be brought into conformity with the increasing demand in traffic. Some method of stabilizing ordinary earth, particularly in wet weather, is needed to answer this problem. Low cost of construction is demanded together with a low maintenance cost. Hard surfaced roads have a high first cost with a low maintenance charge; gravel and selected soil roads have a low construction cost, but a high maintenance cost. What road surface has a low first cost, low maintenance cost and will carry fairly heavy traffic?

American Industry Profits by Tests of Standards Bureau

Scientific investigations and tests resulting in large savings to the Government and to American industry through improvement in processes and the fixing of uniform standards are featured in the annual report of Doctor George K. Burgess, Director of the Bureau of Standards, submitted to Secretary of Commerce Hoover just released.

Investigations made during the year with orifice meters for measuring gas, corrosion of underground pipes, and tests conducted covering impact-stresses in highway bridges, braking systems for automobiles, and other studies, have resulted in the application of improved methods in engineering practices that are of direct and substantial savings to the industrial public, Mr. Burgess states.

Other contributions to the public interest enumerated in the report are the successful development of methods of reducing the loss in the baking of Japan ware, the assistance rendered the optical-glass industry in the United States by progress made in the better utilization of cotton linters and other cotton wastes, and the development of a method for reclamation of gasoline from dry-cleaning processes.

An increase of more than one hundred and twenty-five times its initial volume has taken place in the testing work of the Bureau of Standards during the 23 years of its existence, the report states. During the year just closed 135,852 tests were conducted by all divisions of the Bureau, as compared with 115,729 in 1923.

"Most of the tests of the past year were executed for other branches of the Government, practically every branch making use of the facilities provided. A great deal of testing, however, is

done for commercial firms and for individuals, over 40,000 test folders, covering over 600,000 such tests, for which a charge is made, having been issued since the founding of the Bureau. The Government work is given precedence, however, and in some cases all testing except that for the Government has had to be refused because the demand exceeds the facilities for doing this work.

The inability to meet this demand is unfortunate, Mr. Burgess points out. It is very desirable for the Bureau to carry out certain tests for outside parties, he claims, not only as a means of assisting American industries and citizens but because the information so gained is of value to the Bureau. "The Bureau has no intention of entering laboratories, but there are certain classes of work which it is considered desirable for it to undertake because the results would be of public benefit."

At the present time over 85 per cent of the scientific instruments used in the United States are manufactured in this country. There has been a tremendous extension of the use of instruments in all fields of industry. In the meantime the Bureau's facilities for testing these types of apparatus have not been materially increased and the American manufacturers have been greatly handicapped by their inability to get adequate service from the Bureau in developing and testing their instruments. In some cases American adequate tests, and they have occasionally had to send instruments manufacturers have been compelled to adopt unsatisfactory substitutes for abroad and to Canada for test.

SCHEELINE COMPANY TO TAKE OVER SACRAMENTO PLANT

A thirty-day option on the Golden West Motors Company plant and property at Sacramento has been taken by the Scheeline Manufacturing Company of San Francisco in anticipation of moving the present plant of the company from San Francisco to Sacramento.

It is the plan of the company to consummate the purchase of the property with the thirty-day period and begin the remodeling of the buildings there at once.

The Scheelin company is engaged in the manufacture of electrical heating devices for use in boilers, steam radiators and other electrical heating fixtures.

The proposed plant would employ from 250 to 300 men.

The electrical heating elements are at present being manufactured for the general trade and likewise for the other manufacturing concerns employing electric heating elements in their products.

The officers of the company are: Edwin Scheeline, president; G. L. Standard, vice president and general manager; R. C. Sporleder, vice president; and Julius Strauss, director, foreign exporter.

Sacramento was chosen as the location for the company's new location after a survey of a number of Central California cities.

UPTURN IN BUILDING COSTS

Tendency of construction costs to move upward, reflecting growing demands for materials, gain in contracts let and increasing price firmness was reported by the weekly construction barometer issued by the Engineering News-Record under date of November 20. A one per cent gain in costs over those of early November will be reached by December 4, present indications show, continues the report. Expansion in demand is noticed particularly in concreting materials, lime, lined oil and clay products. Demand for brick dropped 12 per cent in the last thirty days and lumber requirements dropped slightly. Except for these staples, a general upward movement in materials demand is noted.

In the opinion of John Donlin, retiring president of the Building Trades Department of the American Federation of Labor, high wages and high prices in the building industry are doomed. In an address before the convention now in session at El Paso, Texas, he warned the building tradesmen to prepare for wage readjustments. He stated that he believed the end of the construction boom was in sight and when the industry returned to a normal basis, the law of supply and demand would bring about lower construction costs.

CONTRACTOR LOSES SUIT AGAINST STATE OF CALIFORNIA

Superior Judge Malcolm C. Glenn, Sacramento, gave judgment in favor of the state of California in a suit brought against the state by Guy F. Atkinson, a contractor, in which he sought to recover \$26,115.65 alleged due under a contract by which he constructed twelve miles of highway between Coalinga and Fresno.

Atkinson claimed the amount was due him for extra yardage in throwing up an embankment for the highway and for extra yardage in the raising of the shoulders for the road.

The court held that Atkinson offered insufficient proof of the extra yardage in the embankment work and that he was not given authority to raise the shoulders.

Patents Granted to Californians

Compiled by Munn & Co., Patent Attorneys

Vincent J. Whitney, of San Francisco. WINDOW SUPPORT. This relates to the type which permits the swinging of the window about a shiftable vertical axis to render both sides of the window available for cleaning from the interior of the building. A window support is provided which may be adapted for use on other than square top windows.

Elizabeth M. La Casse, of Oakland. PERIOD FAUCET. This is a self-closing water faucet to be used over hotel and public hand basins, sinks, etc. The object is to provide a faucet of simple construction which will, upon pressing a push knob, deliver a stream of water for a limited period of time and then close itself. The length of time the stream will run depends on the setting of the control and the distance the push knob is pressed.

Paul H. Winkinson, of Los Angeles. HOSE CLAMP. This is generally applicable in securing any flexible or other tubular element to a cylindrical body, such as a pipe or tube of substantially rigid material. A transverse yoke and a flexible cord or metal are employed, novel means being used for releasing connecting one end of the metal to the yoke.

Owen G. Arnot, of Bakersfield. ROTARY TOOL. This invention relates particularly to drill bits for deep well rotary tool rigs. It provides a multiple bladed tool with a single split shank. This rotary bit has great length of life and is operable for a much longer period before removal from the well hole for sharpening. It is fish tail in shape, and has more than two cutting points, all of which are substantially symmetrically arranged with respect to the centre of rotation of the bit.

Albert M. Chrisman and Jack E. Wells, of Pacifico. AUTOMATIC OIL AND GAS SEPARATING PUMP. In this invention the separation takes place at the point where the oil enters the pump, the gas being excluded, thus relieving the pumping instrumentalities of its presence. The pump comprises a barrel adapted for suspension in a well. The barrel has an exterior space with an entrance from the well to its upper portion. The space also has an entrance from its lower portion into the interior of the barrel. Pumping instrumentalities are within the barrel intermediate of the entrance.

Morgan L. Sweeney, of Los Angeles. METHOD OF SECURING JOINTS IN STOVEPIPE CASINGS. This consists of an improved method of joining overlapping metal plates, having a particular utility in the connection together of lengths of stovepipe casings as they are lowered into a well, in the securing of the joints a standard oxyacetylene welding equipment is employed. Mr. Sweeney assigns his patent to Union Tank & Pipe Co.

Robert W. Gunn and Willis A. S. Thompson, of Los Angeles. BALL VALVE. This valve is commonly used in connection with oil well pumping apparatus. It is a ball guide designed to conduce to quick and accurate seating of the ball. The object is to minimize cutting out of the ball seat by sand and grit, resulting from slow and uneven seating of the ball at the beginning of the upstroke of the plunger.

Ralph A. Wakefield, of Sacramento. COMBINED REVERSIBLE HASP AND LATCH. This is an improvement in combined hasp latches, such as are used in connection with gates, garages and barn doors. The position of the combined hasp and latch may be reversed, that is, it will serve equally well for a left hand as for a right hand gate or door without necessitating a special type being made for either one or the other. It is operable from either side of a door.

EVERETT R. BURNETT, of Los Angeles. INTERNAL-COMBUSTION ENGINE. This relates particularly to an engine of the two-stroke cycle type. It has six cylinders arranged in a row, the first and second cylinders from each end functioning as combustion cylinders and being supplied with gaseous fuel from a pair of pumping cylinders that are arranged between the two pairs of combustion cylinders. One pumping cylinder functions for the adjacent two combustion cylinders. Mr. Burnett assigns his patent to the Automotive Valves Co.

Andrew Stenrud, of Oakland. BENDING TOOL. This is a suitable tool that will allow a connecting rod to be bent while it is fastened to the piston to secure perfect parallelism between the axes of the wrist pin and the crank shaft. After a connecting rod has been straightened out to approximately bring the two axes into the proper relationship, it frequently happens that there still exists a slight divergence between the two axes which can be remedied conveniently only while the connecting rod is in place.

Enos H. Johnson of Los Angeles. UNIVERSAL MACHINE VISE. This is especially adapted for use on planer shaper milling machines or drill presses. The device affords proper adjustment for holding material being worked upon at any desired angle. It is suitable for any kind of bench work, and may be employed entirely separate from the universal features of adjustment. It has thoroughly reliable pipe jaw attachments which can be applied quickly without the use of screws or bolts.

Julius Dreger, of Marysville. RIDGE-FORMING MACHINE. This is a machine adapted primarily to form water checking ridges to confine irrigating water on any desired areas of land. It is simple and inexpensive, yet an efficient and desirable machine, and may be used to form a solid ridge, at a single operation.

EARLY DECISION IS EXPECTED IN CITY HALL CASE

The Stockton city hall cases, R. L. Gnekow of Stockton and Howard S. Williams of San Francisco, versus the city of Stockton, are in the hands of the supreme court for decision. The cases were to have been argued last week in Sacramento, but attorneys decided to submit the cases on briefs.

It is expected that an early decision will be made and that construction of the city hall can begin in the early spring. Gnekow and Williams are seeking to have contracts awarded them for the electric and general construction, declared valid Mayor Raymond W. Miller refused to sign the contracts after a preceding mayor and council has verbally awarded them.

Building News Section

APARTMENTS

Completing Plans Sub-Figures to be Taken by Owner.

APARTMENTS Cost, \$38,000
SAN FRANCISCO, Cal., Filbert St. and Van Ness Ave.
Two-story frame and plaster apt. bldg. (seven 2-room and five 3-room apts.)
Owner—Ben Liebman, 497 11th Ave., San Francisco.
Architect—R. R. Irvine, Call Bldg., San Francisco.

Plans Completed.
APARTMENTS Cost, \$22,000
SAN FRANCISCO, N. Vallejo 130 W. Larkin Street.
Three-story and basement frame (5) apartments.
Owner—Giuseppe & Castagno, 557-A Greenwich St., San Francisco.
Architect—Italo Zanolin, 604 Montgomery St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, \$55,000
SAN FRANCISCO, Cor. Lombard and Octavia Streets.
Three-story and basement frame, stucco and brick veneer (12) apartments.
Owner—W. S. Hoffman.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Bids Being Taken.
APARTMENTS Cost, \$450,000
SAN FRANCISCO, SE Jackson and Steiner Streets.
Twelve-story and basement Class A community apartment house (16 3 to 12-room apts., basement, storage storerooms, etc.)
Owner—2300 Jackson Street Corp.
Architect—Henry C. Smith, Humboldt Bank Bldg., S. F.

Completing Plans—Sub-figures to be Taken by Owner.
APARTMENTS Cost, \$30,000
SAN FRANCISCO, Cal., Filbert St. and Van Ness Ave.
Two-story frame and plaster apartment bldg. (six 4-room apts.).
Owner—Ben Liebman, 497 11th Ave., San Francisco.
Architect—R. R. Irvine, Call Bldg., San Francisco.

Working Drawings Being Prepared.
APARTMENTS Cost, \$125,000
SAN FRANCISCO, Cal., Post St. between Hyde and Larkin.
Six-story reinforced concrete apt. house containing 12 and 3-room apts.
Owner—Louis Stoff, 1035 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Owner will superintend construction. Segregated bids will be called for shortly.

Plans Being Prepared.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, Cal., Shrader and Fell Sts.
Three-story and basement frame and brick veneer apartment bldg. (twelve 2- and 3-room apts.).
Owner—O. M. Oyen, 67 Carmel, S. F.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Owner will take figures beginning next week.

Segregated Figures Being Taken.
APARTMENTS Cost, \$40,000
SAN FRANCISCO, N. Pine St., 112-6 E. Taylor.
Three-story and basement frame (12) apartments, 9 2-room and 3-rms.
Owner—Fabre & Hildebrand, 119 Sutter St., S. F.
Architect—Fabre & Hildebrand, 119 Sutter St., S. F.

Plans Being Prepared.
APARTMENTS Cost, \$25,000
REDWOOD CITY, San Mateo Co., Cal., Brewster Ave. & Clinton St.
Two-story stucco (8) apt. house.
Owner—Mr. & Mrs. Henry Jansing, Redwood City, Cal.
Architect—E. G. Fonander, Redwood City, Cal.
Contractor—C. G. Uhlenberg, 153 Fulton, Redwood City.

Steel Contract Awarded—Bids to be Taken Next Week for Reinforcing Steel and Concrete Work.
APARTMENTS Cost, \$450,000
SAN FRANCISCO, SE Jackson and Steiner Streets.
Twelve-story and basement Class A community apartment house (16 3 to 12-room apts., basement, storage storerooms, etc.)
Owner—2400 Jackson Street Corp.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Structural steel awarded to Judson Mfg. Co., 604 Mission St.
There will be between 400 and 500 tons of steel used.

Contract Awarded.
APARTMENTS Cost, \$80,000
SAN FRANCISCO, NW Hyde and Eddy Streets.
Six-story and basement Class A store and apartment building (steel frame and reinforced concrete).
Owner—M. A. Hunt, 1332 Lombard St., San Francisco.
Designer and Contractor—The Helbing Co., 1332 Lombard St., S. F.

Contract Awarded.
APARTMENTS Cost, \$12,000
OAKLAND, Alameda Co., Cal. No. 4645 Dolores Ave.
Two-story 12-room apartment building.
Owner—E. M. Monnier, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors, Fold-up Doors, Tl-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

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Sutter 5907 San Francisco

Sub-Contracts Awarded — Bids Being Taken on Painting, Papering, and Hardwood Floors.

APARTMENTS Cost, \$100,000
OAKLAND, Alameda Co., Cal. Bay Place and Montecito Ave.
Four-story Class C brick apartment house, brick exterior and slate roof (80 rooms).

Owner—Sommarstrom & Claussen, 1536 Franklin St., Oakland.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Contractor—Sommarstrom Bros., 1536 Franklin St., Oakland.

Plastering—A. Sommarstrom, 109 Sunnyvale Ave., Oakland.

Electricity—Alexander & Lavenson Supply Co., 926 Howard St., San Francisco.

Tile—Rigney Tile Co., 260 Walsworth, Oakland.

Roofing—National Roofing Co. 351 12th St., Oakland.

As previously reported plumbing has been awarded to J. Goldstein; heating to Scott Co., 381 11th St., Oakland.

Contract Awarded.
APARTMENTS Cost, \$17,000
SAN FRANCISCO, 22nd & Dolores.

Three-story frame and stucco apartment building.
Owner—John F. Cosgrove.
Architect—Powers & Ahnden, 460 Montgomery St., S. F.
Contractor—John Dahla & Co., 430 Crescent Ave., S. F.

SANTA MONICA, Los Angeles Co., Cal.—Lawrence J. Bristow, 2223 120th Ave., Santa Monica, has contract for 2-story store and apartment building at Santa Monica for G. A. Lindke, 513 Poothill Dr., Beverly Hills; Paul Williams, architect, 1400 Stock Exchange Bldg., Los Angeles. Ten stores and several single apartments; frame and plaster, 150x75 ft., tile and composition roofing, cement and hardwood floors, plate glass, pine trim, tile baths and grainboards, wall beds, copper store fronts, pressed zinc cornice.

ALHAMBRA, Los Angeles Co., Cal. R. A. Halverson, 3026 W. Main St., Alhambra, awarded contract at \$69,700 for two-story store and apartment building, 100x100 ft., at 3030 W. Main St., Alhambra, for E. Halverson and H. Kriegsmann, Alhambra. Plans by Giuliano & Richardson, 1414 Valley Blvd., Alhambra. Face brick and terra cotta, art stone, composition roofing, skylights, metal windows, plate glass and cover fronts, metal lath, refrigerators, structural steel, tile work, wall beds, 28 baths, hardwood floors, gas radiators.

GLENDALE, Los Angeles Co., Cal.—Victor Robinson, 1320 Grand View Ave., Glendale, is completing plans and will build two two-story apartment buildings (40-lam.) at the northwest corner of Harvard and Pacific Aves. for E. S. Kennedy, 167 S. Pacific Ave. (res. in garage cor. Harvard St.). To be started in December; apartments each 18x24 ft., kitchen, living, dining and bed rooms, full basement under one building, probably central hot water supply, 40 gas radiators, 40 baths, hardwood floors, wall beds, composition roof. Cost, \$75,000.

PITTSBURG, Contra Costa Co., Cal.—Constantine Guglielmana, Oakland, has purchased site at northeast corner of Second and Railroad streets and contemplates erection of three-story (9) apartment house.

BONDS

HUGHSON, Stanislaus Co., Cal.—Board of Trade will recommend bond election to secure funds to finance erection of new grammar school.

SUNNYVALE, Santa Clara Co., Cal.—Bond election held Nov. 22 in West-wide Union High School District to vote bonds of \$225,000 to finance erection of group of high school buildings, preliminary plans for which have been prepared by W. H. Weeks, architect, 869 Pine St., San Francisco was rejected. Trustees of district are: Arch. Wilson, Leo Vishoot, C. C. Spaulding, H. G. Stelling and A. C. Butcher. Vote was 592 in favor and 306 against. New election will be called shortly.

GALT, Sacramento Co., Cal.—Election will be held Dec. 20 in Galt Union High School District to vote bonds of \$120,000 to finance erection of new high school buildings, to replace structures destroyed by fire. Election in July failed to carry by slight majority.

TWEEDY DIST., Los Angeles Co., Cal.—Tweedy School District near Huntington Park, has called bond election for December 12 at which time it is proposed to vote \$50,000 for school improvements. L. D. Tweedy, clerk, R. 3, Box 492, Los Angeles.

CHURCHES

Foundation Contract Awarded—Bids to be Taken Shortly on General Contract.

CHURCH Cost, \$90,000
SACRAMENTO, SE 21st St. and J St.
Concrete frame and brick veneer church with tile roof.
Owner—Grace Methodist Episcopal Church.
Architect—Woollett & Lamb, Mull Bldg., Sacramento.
Foundation contract awarded to Fred Betz, 1851 Q St., Sacramento at \$5,668.

Sheet Metal and Setting Terra Cotta Contracts Awarded—Sub-Bids Being Taken on Other Portions of the Work.

CHURCH Cost, \$390,000
SAN FRANCISCO, SE Bush and Steiner Streets.
Class "A" church.
Owner—St. Dominic's Priory of S. F.
2390 Bush Street.
Architect—Becker Bros., 1915 Steiner St., San Francisco.

Sheet Metal

Gulfiory Cornice Wks., 1234 Howard St., S. F. \$3582
Percy Sheet Metal Wk. 3800
Fire Protection Products Co. 4030
Morrison & Co. 5448
Contract awarded to Gulfiory Cornice Works.

Setting Terra Cotta

Mealey & Collins, 180 Jessie St. \$27,800
Reed & Reed 27,893
Hook & Hoffmeyer, 22,450
White & Gloor 33,600
Contract awarded to Mealey & Collins.
Sub-bids are being taken on slate and composition roofing, plumbing, heating and ventilating, electric wiring, granite work (furnishing and setting).

PHOENIX, Ariz.—First Presbyterian Church, Rev. Victor A. Rule, pastor, has formulated program for financing and building new edifice. Plans have not yet been adopted.

MESA, Ariz.—Christian congregation contemplate erecting new church at McDonald and First Sts.

ALHAMBRA, L. A. Co., Cal.—Arch. C. F. Skilling, 430 Bradbury Bldg., Los Angeles, is preparing working plans for new church at n.w. cor. of Main and Almansor Sts., Alhambra, for first Methodist Episcopal Church of Alhambra. Auditorium bldg., 50x95 ft., pastor's study and board offices bldg., 45 by 70 ft.; brick constr., stucco exterior, cast stone trim, tile rfg., art glass, hwdm. trim and flrs., heating, ventilating; \$150,000.

PORTLAND, Ore.—City council proposes to adopt ordinance, on recommendation of City Planning Commission to permit the erection of a \$100,000 Christian Science Church at Imperial, Wasco and Multnomah streets. An architect for proposed structure is yet to be selected.

LOS ANGELES, Los Angeles Co., Cal.—Architect Edgar H. Cline, 307 Ferguson Bldg., has prepared preliminary plans for a temple at the northwest corner of Central Ave. and First St. for Longwani Buddhist Temple, 3-story, 200x124 ft., 7 stores, social hall and priest's offices on first floor; auditorium offices and living rooms on second floor; balcony to auditorium and living rooms on third floor; brick construction, pressed brick and stucco exterior, terra cotta, tile ornamental, composition roofing, pine trim, heating, ventilating.

LOS ANGELES, Cal.—Arch. G. S. Larson, 912 California Bldg., is taking bids for a new church at n.w. cor. Burlingame Ave. and 14th St. for Swedish Lutheran Church. Auditorium to seat 700; 8x104 ft. conc. basement, br. walls select common br. facing art glass, cast stone trim, slate rfg., oak and pine trim, pine flrs., hot air hgtg., ventilating sys., tiled lavatories.

LOS ANGELES, Cal.—Arch. Norman F. Marsh, 211 Broadway Central Bldg., and Archt. Paul R. Williams 1400 Stock Exchange Bldg., assoc., are taking bids for new church at 24th St. and Griffith Ave., for Second Baptist Church. Separate bids on general work, wiring, plumbing, painting, heating and art glass. 2-story, brick construction, 10x130 ft., br. constr., ruff. br. facing, tile and comp. rfg., pine trim, oak and pine flrs., hgtg and vent; \$125,000.

LONG BEACH, Los Angeles Co., Cal.—J. D. Sherer & Son, 1865 E. Anaheim St., Long Beach, awarded contract at \$33,989 for building at Long Beach for Atlantic Ave. Congregational Church. Harry L. Pierce, 603 Wright & Callender Bldg., Los Angeles, architect. Frame constr., cement gun plaster, exterior, composition roofing, pine trim, heating. General contract includes all work complete.

YOSEMITE, Mariposa Co., Cal.—State Federation of Churches has appointed interdenominational committee, consisting of Rev. A. J. Gunn, Presbyterian, Modesto; Father Doyle, Catholic, Merced; and Rev. E. H. Harkins, Episcopalian, Fresno, to formulate plans for church here. Cost, \$75,000.

UPLAND, San Bernardino Co., Cal.—Menonite congregation contemplates building new church on Campus Ave.; \$10,000.

FACTORIES & WAREHOUSES

Segregated Figures Being Taken.
ADDITION Cost, \$17,000
OAKLAND, Alameda Co., Cal. 107th Avenue.

Second unit addition to factory plant, one-story steel and brick construction.

Owner—Fageol Motors Co., Oakland.
Building is being planned and constructed under the supervision of J. W. De Cou of the Fageol Motors Co. Engineering Dept. Figures are being taken on plumbing, sewerage and draining system, cement floor, concrete, steel sash, brick, etc.

Bids Being Taken Under Advice.
FACTORY Cost, \$—
OAKLAND, Alameda Co., Cal. 976 28th Street.

Two-story reinforced concrete factory. Owner—California Towel Co., Oakland. Designer—R. W. White, 28th & Filbert Sts., Oakland.

Plans Complete.
FACTORY Cost, \$25,000
BERKELEY, Alameda Co., Cal. San Pablo Ave. nr. University Ave.
One-story and mezz. concrete hollow tile, wood roof, class "C" paint and varnish factory.

Owner—Furch & Nelson, 79 12th Street, Oakland.
Architect—John Carson, 50 Yosemite Berkeley.

YAKIMA, Wash.—Roche Fruit & Produce Co., and C. M. Holtzinger Co., both of Yakima, plan erection of storage plants and will use same refrigeration and power plant; the two plants will cost \$150,000, having frontages of 200 feet in North Second Ave., and depth of 170 feet.

Contract Awarded.
BATTERY PLANT Cost, \$12,000
SAN FRANCISCO, E Vermont 100 N Seventeenth St.
One-story concrete battery plant.
Owner—The John Center Co., 810 Balboa Bldg., San Francisco.
Architect—None.
Contractor—Chas. W. Gompertz, 810 Balboa Bldg., San Francisco.

Sub-Figures Being Taken By Contractors.

WAREHOUSE Cost, \$120,000
SAN FRANCISCO, Bryant St., bet. 7th and 8th Sts.
Four-story reinforced concrete, wholesale plumbing warehouse.

Owner—P. E. O'Hair, 857 Mission St., San Francisco.

Architect—R. W. Jenkins, 243 Diamond St., San Francisco.
Engineer—Russell & Ellison, 369 Pine St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Sub-figures are being taken for electrical work, lumber, steel sash, glass, elevator, roofing, steel rolling doors and sheet metal work.

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Bids Requested—New Bids Being Taken.
To be opened Dec. 4, 1924.
BAKERY & OFFICE. Cost, \$100,000.
SAN GABRIEL, Cal. —Fitzsimmons and R. Streets.
Two-story reinforced concrete bakery and office building.
Owner—Fitzsimmons Bread Co.
Architect—Leonard F. Starks, Ochsner Bldg., Sacramento.
Site changes have been made in the plans as bids received Nov. 25th ran high.
Bids are being taken for a general contract.

Contract Awarded for First Unit.
FABRIC. Cost, \$200,000.
SAN FRANCISCO, Napoleon Street and Jernold Avenue.
Four-story reinforced concrete factory building with pile foundation.
Owner—Magner Bros. (Mrs. Paint and Co.), 144 5th St., San Francisco.
Superintendent—H. D. Mann.
Contractor—M. Fleisher, 711 Mission St., San Francisco.
First unit will be a one-story concrete warehouse to cost approx. \$10,000.
As previously reported, pile foundation has been awarded to Barrett & Hild, 918 Harrison St. at \$12,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Supervisors have purchased site in Eagle street and will establish yards and shops for repairs of county road equipment.

Contract Awarded.
ADDITION. Cost, \$10,000.
SAN FRANCISCO, N. Milla 175 E 4th. Addition for hardware stock room.
Owner—M. L. Mooss, 1275 California St., San Francisco.
Architect—R. W. Jenkins, 243 Diamond St., San Francisco.
Contractor—Barrett & Hild, 918 Harrison St., San Francisco.

Sub Contracts Awarded—Bids Being Taken.
FLANK. Cost, \$50,000.
OAKLAND, Alameda Co., Cal., 19th Ave. and Dennison.
Oil and gas distributing plant, 3 1-sto. brick concrete and wood bldg. (garage, warehouse and office) tanks, filling stand, etc.
Owner—Ventura Refining Co.
Engineer—R. Vane Woods, 505 17th St., Oakland.
Contractor—Henry J. Christensen, 505 17th St., Oakland.

Sub-contracts have been awarded as follows:
Reinforcing steel to Wetenhall & Co., 17th and Wisconsin St., S. F.
Steel tank to California Steel Products Co., 452 Bay, S. F.
Lumber to Sunset Lumber Co., 1st and Water, Oakland.
Brick work to S. McPherson, 17th and Telegraph Ave., Oakland.
Misc. iron to Independent Iron Works, 829 Chase St., Oakland.
Steel Rolling Doors to Pacific Materials Co., 525 Market St., S. F.
Sub-bids for plumbing, electrical work and roofing will be taken in about a week.

OAKLAND, Alameda Co., Cal.—The California Compressed Gas Co., 1135 3rd St., Oakland, are commencing the construction of a factory on the west side of Wood street, between 22nd and 24th streets, Oakland. The building will be one-story of steel frame construction. Plans are being prepared by the Engineering Department of the owner. Definite decision has not been made on the type of building at this date. Report will be given later.

BEVERLY HILLS, Los Angeles Co., Cal.—Beverly Hills Laundry, Inc., has purchased site and contemplates erecting a laundry building near cor. 3rd St. and Maple Dr., Beverly Hills. About 100x203 ft., steel frame, hollow tile walls; cement floors. Work will start in about 30 days. Cost, \$150,000.

MODESTO, Stanislaus Co., Cal.—The York California Construction Company 332 Folson St., San Francisco, has started work on an additional refrigeration plant for J. S. West & Company, 709 9th St., Modesto, which will be used for the manufacturing of commercial ice. Cost of addition is approximated at \$10,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Architect Edward L. Mayberry, 905 Transportation Bldg., Los Angeles, has completed working plans for a four-story warehouse on E. Mason St., Santa Barbara, for the Montecito Van & Storage Co., 50x135 ft., reinforced concrete, plaster facing, cement floors, steel sash, warm glass. Owner did work under supervision of C. D. Chaud at site.

PITTSBURG, Contra Costa Co., Cal.—Patri Cigar Co., Battery and Vallejo Sts., San Francisco, is negotiating for purchase of property at Fifth and Black Diamond Sts. where it is proposed to erect cigar factory; est. cost, \$50,000.

LOS ANGELES, Los Angeles Co., Cal.—Architects S. H. Dunford and A. R. Brander, 1017 Lincoln Bldg., are revising working plans for Class A warehouse at Industrial and Alameda Sts. for Richards Trucking & Warehouse Co.; 88x150 ft., reinforced concrete, 5-story, composition roofing, cement floors, steel sash gas heating, sprinkler system, plaster facing, electric elevators, wire and plate glass, conveying machine. Bids have been taken.

PASADENA, Los Angeles Co., Cal.—Architect Edward L. Mayberry, 905 Transportation Bldg., Los Angeles, is preparing working plans for a one-story Class A storage warehouse on S. Raymond Ave., Pasadena, for Sierra Van & Storage Co.; 50x75 ft., reinforced concrete construction, composition roofing, concrete exterior, steel sash, cement floors, pine trim, plate glass, gas heating, toll-tis. Building designed for 4 future stories.

LOS ANGELES, Los Angeles Co., Cal.—Architect Henry L. Pierce, 1017 Wright-Callender Bldg., is completing plans for a three-story side addition the laundry building at the corner of Main St. and Slausen Ave. for the Peerless Laundry, 40x150 ft., brick, composition roofing, enam. and pressed brick facing, Truscon steel joist construction, plate glass, fire escapes, hardwood floors, structural steel, pine trim.

INGLEWOOD, L. A. Co., Cal.—Frank D. Parent, Market St., Inglewood, has leased 1½-acre site on Cedar Ave., Inglewood, to Samuel Brickman Co., which will erect an oil refinery on the property soon.

FLATS

To Be Done By Day's Work.
FLATS. Cost, \$10,000.
SAN FRANCISCO W. Malcorra Way 212 N. Chestnut.
Two-story and basement frame (2) flats.
Owner—Lang Realty Co., Chestnut and Steiner, San Francisco.

Contract Awarded.
FLATS. Cost, \$12,000.
SAN FRANCISCO, S. Pacific 103-2 E. Mason.
Three-story and basement frame (6) flats.
Owner—A. Prato, 74 John St., S. F.
Contractor—Devor & Bros., 1082 Union St., San Francisco.

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To be Done by Day's Work.
FLATS. Cost, \$10,000 each.
SAN FRANCISCO, N. Balboa St. 32 and 82 W 17th Ave.
Two two-story and basement frame buildings (2) flats each.
Owner—Wm. McDonald, 6140 Geary St., San Francisco.
Architect—None.

Contract Awarded.
FLATS. Cost, \$15,000.
SAN FRANCISCO, W. Twentieth Ave 33-7 N. Cabrillo St.
Two-story and basement frame (2) flats.
Owner—L. Skoll, 179 10th Ave., S. F.
Architect—None.
Contractor—F. P. Ralston, 280 San Benito Way, San Francisco.

Contract Awarded.
STORE, FLATS. Cost, \$13,524.
SAN FRANCISCO, NW 14th and Guerrero Sts.
Three-story frame store and two flats.
Owner—John Norton, 73 Liberty St., San Francisco.
Architect—Carl Gelfuss, 417 Dewey Bldg., San Francisco.
Contractor—C. Olson, 670 Guerrero St., San Francisco.

Contract Awarded.
FLATS. Cost, \$13,000.
SAN FRANCISCO, S. Lombard 132 E. Jones.
Two-story and basement frame (4) flats.
Owner—P. Gelardi, 819 Lombard St., San Francisco.
Designer & Contractor—F. Ennis Jr., 340 Eddy St., San Francisco.

Contract Awarded.
SAN FRANCISCO, NW Nineteenth and Texas Streets.
Two two-story frame flat buildings. All work except finishing hardware and electric fixtures.
Owner—Annie G. Scharetz, 398 Texas St., San Francisco.
Architect—William H. Armitage, Call Bldg., San Francisco.
Contractor—Gustaf Eiden, 156 Randall St., San Francisco.

GARAGES

Preliminary Plans Being Prepared.
GARAGE. Cost, \$30,000.
OAKLAND, Alameda Co., Cal., 21st and Webster Sts.
One-story hollow tile garage 100x165.
Owner—Herbert R. Zerxa, 1205 Ashmount Ave., Oakland.
Architect—H. H. Winner, 55 New Montgomery, San Francisco.

Contract Awarded.
GARAGE. Cost, \$28,000.
SAN FRANCISCO, N. Ellis St. 82-6 E. Hyde St.
Two-story and basement concrete garage.
Owner—S. Cailleaud Jr., 576 Clay St., San Francisco.
Architect—None.
Contractor—Louis Johnson, 729 Occidental St., San Francisco.

Ready for Figures on General Contract in About Two Weeks.
STORE, ETC. Cost, \$75,000.
SACRAMENTO, Sacramento Co., Cal. NE Eighteenth and M Sts.
One-story and two-story floor reinforced concrete store and garage.
Owner—Arnold Bros.
Architect—Leonard F. Starks & Co., 1010½ 8th St., Sacramento.

Contract Awarded.
GARAGE. Cost, \$10,000.
SACRAMENTO, Cal. No. 2000 I St.
Garage building.
Owner—M. J. Cabanos, 1708 K St., Sacramento.
Architect—None.
Contractor—Chas. S. Mabrey, Ochsner Bldg., Sacramento.

Preliminary Plans Being Prepared.
GARAGE, ETC. Cost, \$35,000.
SANTA BARBARA, Santa Barbara Co., Cal. To Adj. new Elks Bldg.
One-story frame and stucco gymnasium and garage.
Owner—Santa Barbara Lodge of Elks.
Architect—Carl W. Berner, Santa Fe Bldg., San Francisco.

Sub-Contracts Awarded.
GARAGE BLDG. Cost, \$15,000
OAKLAND, Webster bet. 23rd and 24th Streets.
 Tile, brick and concrete garage bldg. Owner—M. E. Campbell, Tribune Tower, Oakland.
Architect—Wythe, Blain & Olsen, 180 Telegraph Ave., Oakland.
Contractor—Chas. Heyer, Jr., Mills Bldg., S. F.
Excavating awarded to J. T. Burgess & Co., 351 12th St., Oakland.
Reinforced Steel by Gunn-Carle Co., 351 12th St., Oakland.
Structural Steel—Herriek Iron Works, 351 12th St., Oakland.
Brick Work—White & Gloor, 351 12th St., Oakland and Monadnock Bldg., San Francisco.
Sheet Metal Work—W. H. Morrison Co., 2149 Golden Gate Ave., S. F.
Felt & Gravel Roof—A. K. Goodmundson, 351 12th St., Oakland.
Tile Coping—A. K. Goodmundson.
Plumbing—Scott Co., 351 11th St., Oakland.
Millwork—Oakland Planning Mill.
Steel Rolling Door—Waterhouse-Wilcox Co., 351 12th St., Oakland and San Francisco.
Glass, Glazing & Corner Bars—W. P. Fuller Co.
Painting—Bids under advisement.
Electric Wiring—Bids under advisement.

SANTA MONICA, Los Angeles Co., Cal.—Tital & O'Connor, 709 Grant Bldg., Los Angeles, have contract at \$37,500 for one-story garage at 1501-15 Santa Monica Blvd., Santa Monica, for Julia H. Bandhall, 109 Grant Bldg., Los Angeles. Work to start at once.

SEATTLE, Wash.—See "Hotels," this issue. Excavation contract let.

GOVERNMENT WORK AND SUPPLIES

SAN DIEGO, San Diego Co., Cal.—DeWitt C. Webb, commandant of 11th Naval Dist., San Diego, has recd. preli. plans showing proposed locations for officer's quarters, gate house, and mortuary, to be built under available appropriations at Naval Hospital, Balboa Park, San Diego.

WASHINGTON, D. C.—Bids were opened by the Supervising Architect's Office Washington, D. C., on Dec. 1, 3 p. m. for the installation, complete, of one full magnet electric freight elevator and for an extension, including incidental changes in and extensions to the mechanical equipment of the U. S. Post Office at Stockton, Cal.

Freight Elevator.
 Otis Elevator Co., Washington, and San Francisco \$2735
 Extension to Building, Etc.
 J. F. Shepherd, First National Bk. Bldg., Stockton \$20,710

AMERICAN FALLS, Idaho—U. S. Bureau of Reclamation has withdrawn the invitation for bids to be opened December 20 for foundations in river section of American Falls dam. Necessary revision in specifications is responsible for the postponement. It is probable that the work will be readvertised in about 30 days.

SAN FRANCISCO—Until Dec. 8, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5673-662, to fur. and del. spud timbers: (1) f. o. b. cars of railroad at mill or shipping point of bidder; (2) in water ready at towing at Sacramento or San Francisco; (3) in water at U. S. Engineer wharf Rio Vista, Solano County. Four timbers are wanted for use as spuds for dredgers; must be of selected old growth yellow Douglas Fir, 60 ft. long. Further information obtainable from above office on request.

SAN FERNANDO, Cal.—Bids will be received until Dec. 16, 11 a. m., instead of Dec. 9, by Frank T. Hines, director, U. S. Veterans Hospital Bureau, Washington, D. C., to erect semi-ambulant building, infirmary, mess ambulant building, administration bldg., women's T. B. building, Women's general medical building, recreation building, garage storehouse, laundry, attendant's quarters, nurses' quarters, Junior Officers' Duplex quarters, Senior Officers' Duplex quarters, M. O. C. quarters, gate house, septic tanks and house, steel water tank and concrete dam. Separate bids for building construction, plumbing, heating, electrical work, elevators and refrigeration plant. See call for bids under official proposal section in this issue.

HERMISTON, Ore.—Following bids rec. by U. S. Bureau of Reclamation for continuous wood stave pipe and concrete pipe:
 Item 1, wood stave pipe, untreated; 2, do, treated; 3, concrete pipe.

B. F. Freedland, Denver, Col., item 1, \$12,920.25; 2, \$15,642.25.
 Cascade Pipe and Plume Co., Seattle, Wash., item 1, \$10,548.50; 2, \$13,007.50.
 Redwood Mfg. Co., San Francisco, Calif., item 1, \$13,000.
 Federal Pipe & Tank Co., Seattle, Wash., item 1, \$10,085.10; 2, \$12,686.10.
 La Grande Concrete Pipe Co., La Grande, Ore., item 3, \$17,705.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to furnish and del. materials to Navy Yards and Stations, as follows (date for opening bids as noted at close of each paragraph):

Sched. 2379, Mare Island, 10,000 lbs. Portland cement, and Puget Sound, 4000 bbls. do, Dec. 16.
 Sched. 2385, San Diego, 29,000 lbs. rust preventive compound; San Diego, 29,000 lbs. do, Dec. 16.
 Sched. 2393, Philadelphia and Mare Island, 200,000 ft. aircraft cable, Dec. 16.
 Sched. 2390, Mare Island, 9000 china cups, Dec. 16.
 Sched. 2391, eastern and western naval hospitals, 60 rolling invalid chairs, Dec. 16.
 Sched. 2393, San Diego, 2000 lbs. steel wool, Dec. 23.
 Sched. 2394, Mare Island, 5,000 lbs. bar moun metal, Dec. 23.
 Sched. 2395, Mare Island, 3000 galvanized buckets, Dec. 23.

SAN FRANCISCO—Until Dec. 8, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5673-658, to fur. and del. Rio Vista, Solano County, pipe, valves and plumbing supplies. Lists of materials desired obtainable from above office on request.

WASHINGTON, D. C.—Recommendations will be made for the following appropriations for rivers and harbors improvements on the Pacific Coast:
 Humboldt Harbor and bay, \$1,288,000; Coos Bay, \$1,353,400; Nehalem Bay, \$1,455,615. Construction and maintenance of roads, bridges and trails in Alaska, \$1,400,000. Mouths of Columbia and Willamette rivers, Oregon and Washington, \$723,000. San Pablo Bay & Mare Island strait, \$250,000. Crescent City harbor, \$200,000. Honolulu harbor, \$280,000. Nawiliwili harbor, \$370,000. San Francisco harbor, \$155,000. Grays Harbor, Wash., \$228,000.

WASHINGTON, D. C.—Until Dec. 12, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, under Circular No. 1641, to fur. and del. Balboa (Pacific Port): rope, cable, insulators, worn gears, collets and attachment, adding machine transformers, bitum. cement, ferro-manraces, pig tin, pitch, spikes, files, rakes, box car hangers and rollers, planes, boiler punches, wrenches, taps, chairs, garbages, storage batteries, signal and transformer oil, paints, putty, glue, cork board, tracing cloth, Bristol board and steel cooking range. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—Until Dec. 17, 10:30 a. m., bids will be rec. by Purchasing Officer, Panama Canal, under Circular No. 1642 to fur. and del. Balboa (Pacific Port) port, cement, steel rope, zinc oxide and Southern Yellow Pine and Douglas Fir timbers. Additional information obtainable from assistant Purchasing Agent, Fort Mason, San Francisco.

TUCSON, Ariz.—Government has authorized installation of steam htg plant and lawn sprinkling sys. at MacArtan hospital \$40,000.

HALLS AND SOCIETY BUILDINGS

Structural Steel Contract Awarded.
LODGE & OFFICE. Cost, \$1,000,000
OAKLAND, SE 20th St. & Broadway. Eight and 14-story class A lodge and office building.

Owner—Elks Hall Assn.
 Archt. & Mgr. of Const.—Wm. Knowles Central Bk Bldg., Oakland, and Pine Street Bldg., San Francisco.
 Contract for structural steel was awarded to the Judson Manufacturing Co., 604 Mission St., San Francisco.

Steel Contract to be Awarded—Bids to be taken Next Week on Elevators, Concrete Piling, Terra Cotta and Steel Sash.

LODGE BLDG. ETC. Cost, \$1,000,000
SACRAMENTO Sacramento Co., Cal. Eleventh and J Sts.

Fourteen-story Class A lodge and store building (approximately 1000 tons of steel).

Owner—Elks Club.
 Architect—Leonard F. Starks & Co., 1010 1/2 8th St., Sacramento.
 Steel structural steel awarded to the Palm Iron Works, Sacramento, at \$112,900.

CROWE GLASS CO.

574 Eddy St.

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Fire Protection Products Co FIRE DOOR EXPERTS

Kalamain, Copper and Bronze
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 Sheet Metal Work of Every
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CHAS. SCHULTHEIS, Mgr.
 3117-3119 TWENTIETH STREET
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 SAN FRANCISCO, CALIF.

Member S. F. Builders' Exchange
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ALBERT DEAN

Random Variegated Colors Slate
 Roofing
 and
 Random Variegated Colors Tile
 Roofing

Composition Roofing
 General Roof Repairing
 Samples Submitted

180 Jessie St., San Francisco
 Res. 4201 Mission St.
 Phone Randolph 5982

Segregated Figures Being Taken
BUILDING Cost, \$260,000
SANTA BARBARA, Santa Barbara Co., Cal.
 Two-story and brick lodge building.
 Owner—Santa Barbara Lodge of Elks.
 Architect—Carl Werner, Santa Fe Bldg., San Francisco.

Contract Awarded.
SORORITY HOUSE Cost, \$29,000
BERKELEY, Alameda Co., Cal. No. 4220 Le Conte Avenue.
 Two-story 25-room sorority house.
 Owner—Zeta Tau Alpha, Berkeley.
 Architect—A. W. Smith, American Bank Bldg., Oakland.
 Contractor—Heath & Wandt, American Bank Bldg., Oakland.

LIVE OAK, Sutter Co., Cal.—Odd Fellows Lodge of Live Oak plans early construction of two-story structure, the lower floor being given over to stores and offices and the upper floor to lodge rooms.

LOS ANGELES, Los Angeles Co., Cal.—Architect Edwin Bernstrom, 1129 Citizens National Bank Bldg., is taking bids on segregated contracts for new Class A athletic club building at Wilshire Blvd., Coronado and Granddell Sts. for Southern California Athletic and Country Club, Los Angeles; 13 story, steel frame, reinforced concrete floors, cypress block and hollow tile partitions, cast stone and stucco exterior, marble and tile work, two plunges, 7 elevators, hardwood trim, steam heating, etc. Foundation has been completed under separate contract.

GLENDALE, Los Angeles Co., Cal.—Architects Jay, Rogers & Stevenson, 402 Braley Bldg., Pasadena, have been commissioned to prepare plans for Glendale Y. M. C. A. building for which \$276,000 has been raised by subscription to include building, site and furnishings; site 150x150 ft. has been purchased on east side of Louise St., between Broadway and Wilson streets. Building probably to occupy 100x150 ft., 3-story; general plan of building being worked out by building bureau of Y. M. C. A. in New York before working plans are started by architects.

MANHATTAN BEACH, Los Angeles Co., Cal.—Neptunian Club, Mrs. Emily Sinsabaugh, president, has started work on clubhouse, 100x34 ft., at the corner of 10th and Highland Ave. Auditorium, dressing rooms and kitchen.

BALLARD, Wash.—M. Hoard & Co., Pantages Bldg., Seattle, at approx. \$400,000 awarded contract to erect 3-story and basement 100x100 ft. stores, offices, lodge halls and theatre building at 22nd Ave. and Market St. for Fraternal Order of Eagles. Ballard Aerie No. 172. Class A construction, steel and concrete, faced with terra cotta. Frederick J. Peters, architect, Seaboard Bldg., Seattle.

SANTA BARBARA, Santa Barbara Co., Cal.—Santa Barbara Aerie No. 442, Fraternal Order of Eagles, will purchase property 100x142 ft., at the cor. of Carrillo St. and St. Vincents Ave. where they will erect an apartment building, the basement and ground floor to be used for lodge quarters.

LOS ANGELES, Cal.—Arch. A. L. Acker, Douglas Bldg., has completed plans for clubhouse in Tuna Canyon, near Roscoe, for National Forest Country Club, S. T. Allen, 333 I. W. Hellman Bldg., president. Two-story, 86x120 ft., concrete walls, stucco exterior, tile rfr., wood and tile flrs., plus trim, fireplaces; \$75,000; day work.

BRENTWOOD, Contra Costa Co., Cal.—Bids received as follows on December 1, 1924. 11 A. M. by J. Wells, Clerk of Contra Costa County, for the construction of a one-story frame and stucco American Legion Memorial building to be erected in Brentwood were rejected on account of being over the estimate and new bids will be received at a later date. Plans were prepared by architects Davis-Heller-Pearce Co., Delta Building, Stockton.
 A. L. Swanson \$20,500
 Sykes & Monroe 20,204
 West Coast Constr. Co. 23,855

PASADENA, Los Angeles Co., Cal.—Architects Marston, Van Pelt & Maybury, 25 S. Euclid Ave., Pasadena, and Frederick Kennedy, Jr., 15 S. El Molino, Pasadena, associate, are preparing preliminary plans for clubhouse on the corner of Marengo Ave. and Broadway, Pasadena, for Pasadena Post of American Legion. Four stores, 2-story frame and stucco, art stone facing, tile roofing, cement and hardwood floors, plate glass, wrought iron, ornamental iron. Cost, \$65,000.

CHICO, Butte Co., Cal.—Architects Cole and Bronchard, First National Bank Bldg., Chico, are taking bids for country work in connection with proposed Chico Golf Club House. Plans obtainable from the architects.

TUNA CANYON, L. A. Co., Cal.—Sherman T. Allen, 737 N. Olive, Burbank, is organizing National Forest Country Club to be located in Tuna Canyon. Golf course, swimming pool, tennis courts, dance hall and playground are proposed.

HOSPITALS

LOS ANGELES, Los Angeles Co., Cal.—Dept. of Construction City of Los Angeles, Chas. O. Brittain, supt., 799 W. Santa Barbara Ave., are preparing preliminary plans for a two-story and basement Class A police sub-station and emergency hospital, on north side of Pico street, between Windsor and Plymouth Aves. No details decided.

Figures To Be Taken In Two Weeks.
ADDITION Cost, \$40,000
SAN JOSE, Santa Clara Co., Cal., O'Connor's Sanitarium.
 Two-story frame and stucco shingle roof addition to hospital for nurses quarters.
 Owner—O'Connor's Sanitarium, San Jose.
 Architect—Wolff & Higgins, Auzeais Bldg., San Jose.

Sub-Figures Being Taken.
SERVICE BLDG. Cost, \$23,860
OAKLAND, Alameda Co., Cal. Del Valle Farm Site near Livermore.
 Two-story frame and stucco service station.
 Owner—Alameda County.
 Architect—Henry H. Meyers, Kohl Bldg. San Francisco.
 Contractor—F. W. Maurice, 1362 E-25th St., Oakland.

Sub-bids are being taken on electrical work, painting, plastering, flooring, roofing and cement.

SACRAMENTO, Cal.—The Sacramento County Board of Supervisors have awarded contracts to the Latourrets-Fitch Co., 907 Front St., Sacramento, for the power house equipment at \$69,000, limit 135 days and for the electric wiring system for the power house. The laundry equipment was awarded to the American Laundry Machinery Company, 5th and Howard sts. San Francisco at \$24,847. R. A. Herold, Forum Building, Sacramento, is the architect.

SAN FRANCISCO—Clinton Construction Co., 923 Folsom St., general contractors on the relief home buildings for the City and County of San Francisco, has awarded the following sub-contracts in connection with the project: Sheet metal work to Capitol Art Metal Co.; ornamental and miscellaneous iron work to Monarch Iron Works; screens to Simpson Manufacturing Co.; marble work to American Marble Co.

HOTELS

Working Drawings Being Prepared.
HOTEL Cost, \$60,000
OAKLAND, Alameda Co., Cal. Webster and 22nd Sts.
 Four-story reinforced concrete class B hotel.

Owner—Withheld.
 Architect—Chas. W. McCall, Alameda County Title & Ins. Bldg., Oakland.

Plans will be ready for bids in about a month.

Contract To Be Awarded. Cost, \$—
SAN FRANCISCO. SE cor. Jones & Eddy Sts.
 Six-story and basement hotel.

Owner—A. Vayssie.
 Architect—Fabre & Hildebrand, 110 Sutter St., S. F.
 Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

LOS ANGELES, Cal.—Mann-Walker Bldg. Co., 416 I. W. Hellman Bldg., will start work at once on 4-story class C Bldg., 50x33 ft., at 5473 Santa Monica Blvd. for Taft & Kane, 571 Hollywood Blvd. Four stores, lobby and 48 hotel rooms, ea. with shower and toilet. Stucco exterior, cast stone, comp. rfr., plate glass, met. frames and sash, skylights, fire escapes, marquise, cement store fls., tiled bath and shower fls., gas radi, elec. elevator; \$80,000.

SEATTLE, Wash.—Kilgren and Porter, L. C. Smith Bldg., Seattle, awarded contract for excavation work in connection with 6-sto & base. Hotel and two-story garage to be erected at n.w. corner of 8th Ave. and Union St., for Seattle Leasehold Co., White Bldg., Seattle; est. cost \$175,000. Six-story portion will be used for hotel, covering area of 60 by 120 ft., brick and mill construction; garage, reinforced concrete construction, 55 by 120 ft. Andrew McQuaker, Melhorn Bldg., Seattle, architect.

WATTS, L. A. Co., Cal.—Ramsaar Co. Watts, contemplates erecting 2-story store and hotel bldg. at Main and Compton, Watts.



**All-Key
Plaster Lath**

(Patented)

100% Mechanical Key.

**Plaster
Wall Board**

(Patent applied for)

The Last Word in Wall Board.

**CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA**

CEADARVILLE, Modoc Co., Cal.—Construction has been started on \$35,000 hotel building to replace the Surprise Hotel; will contain thirty rooms. Frank Page is owner.

VENTURA, Ventura Co., Cal.—E. D. Libbey and associates contemplate erecting large hotel at Ojal. C. J. Willcox, secretary to Mr. Libbey. Cost, \$500,000.

ICE AND COLD STORAGE PLANTS

TOMBSTONE, Ariz.—See "Power Plants," this issue. Planned.

YAKIMA, Wash.—See "Factories and Warehouses," this issue. Planned.

PORTLAND, Ore.—Until Dec. 8, 1930 A. M. bids will be received by Multnomah County Commissioners, 405 Courthouse, to furnish and install in courthouse, one 2-cylinder refrigerating machine of 200 pounds refrigerating capacity, electrically operated, automatically controlled, control actuated by temperature of food compartment, together with special coils of ample size, to refrigerate present box in county jail of 47 cubic feet, same to be equipped with one-half (1/2) horse power direct current motor. Cert. check 10% payable to Board of County Commissioners req. Further information obtainable from Amadee M. Smith, chairman of the Board of County Commissioners.

POWER PLANTS

SEATTLE, Wash.—Until Dec. 12, 10 a. m. bids will be rec. by Wm. D. Freeman, city purchasing agent, City-County Bldg., to fur. f. o. b. 103th Ave., south, 750 ft. 300,000 c.m. 3 conductor, 26,000 volt submarine cable with necessary cable and splicing material.

TOMBSTONE, Ariz.—Jules L. Vermersch, Fairbanks-Morse representative, Phoenix, Ariz., is preparing plans and est. for new light, power and ice making plant here. Bond issue to finance proposition will be submitted to voters soon.

SALEM, Ore.—J. N. Hart, Portland, files application with State Engineer's Office for permit to appropriate water from the Deschutes river for the development of 24,000 theoretical horse power in Wasco county; est. cost, \$4,000,000.

Jas. R. Wheeler, Winchester, Ore., files application seeking permit to appropriate water from Mills creek for development of 1500 theoretical horse power in Douglas county; est. cost, \$60,000.

TOMBSTONE, Ariz.—Jules L. Vermersch, Fairbanks-Morse representative, Phoenix, Ariz., is preparing plans and estimates for new light, power and ice plant here. Bond issue to finance proposition will be submitted to voters soon.

PUBLIC BUILDINGS

Bids to be Called For in About Ten Days.

FIREHOUSE, ETC. Cost, \$—
WATSONVILLE, Santa Cruz Co., Cal.
Van Ness Ave. near Second St.
Two-story reinforced concrete and hollow tile firehouse and 4-room and bath apartment for fire chief, \$5x 50 feet.

Owner—City of Watsonville.
Architect—Ralph Wyckoff, Growers Bank Bldg., San Jose.

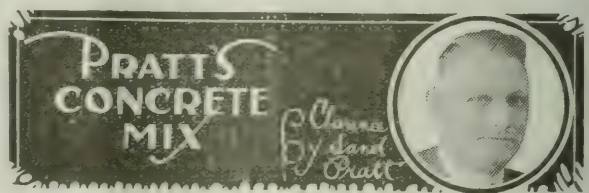
UKIAH, Mendocino Co., Cal.—Supervisors return bids unopened to construct vault in county treasurer's office, due to fact that specifications did not call for vault as desired. New bids are to be asked.

Ready for Figures in Three Weeks.
CITY HALL Cost, \$40,000
DUNSMUIR, Siskiyou Co., Cal.
City Hall building; reinforced concrete, cement exterior, tile and composition roof, wood and cement floors. One-story and basement Spanish mission style.
Owner—City of Dunsmuir.
Architect—Woollett & Lamb, Mull Bldg., Sacramento.

LOS ANGELES, Los Angeles Co., Cal.
—B. V. Collins, 1431 E. 16th St., submitted low bid to L. A. county at \$44,650 for marble, terrazzo and tile floor and wainscot for unit No. 1, Museum of History, Science and Art, Exposition Park. Plans by Allied Architects Association, 1136 Citizens National Bank Bldg. Other bids: L. A. Marble & Tile Co., Inc., \$45,000; Hilgartner Marble Co., \$47,000; Hill Marble Works, \$48,500; Mt. Nebo Marble Co., \$52,000; Joseph Musto Sons-Keenan Co., \$52,155; Chas. E. Clifford Co., Inc., \$56,916; Welfenbach Marble & Tile Co., \$59,047; Sunset Tile & Marble Co., \$59,875.

LOS ANGELES, Los Angeles Co., Cal.
—J. C. Bannister, 5331 Hollywood Blvd., Los Angeles, awarded contract at \$209,810 for general work including concrete, composition roofing and lath and plaster for unit No. 1, Museum of History, Art and Science, Exposition Park. Plans by Allied Architects Association, 1136 Citizens National Bank Bldg. Building will be three-story and basement, 150x 200 ft., steel frame.

MONTEREY PARK, Los Angeles Co., Cal.—Gualano & Richardson, 1414 Valley Blvd., Alhambra, are preparing plans for two-story building, 10x52 ft., at the corner of Wilson and Garvey streets, Monterey Park, for C. A. Weaver, Monterey Park. Basement for garage, storage and auditorium; face brick, composition roof, cement and hardwood floors, gas radiators, architectural terra cotta, plate glass and copper fronts, fire drs., fire escapes, skylights, ornamental iron, structural steel. Cost, \$48,000. Work to start about Dec. 20.



SANDY PRATT is a member
OF THE S. F. Rotary Club.
AND VISITS the Rotary Club.
AT SACRAMENTO.
ON THURSDAYS (sometimes).
AND THE Rotarians pick.
ON SANDY producer.
OF CRUSHED rock and sand.
NOT LONG ago.
THE S. F. club held a drawing.
AND SANDY won the prize.
AND THEY placed.
IN SANDY'S arms.
IN THE ballroom.
OF THE Palace Hotel.
A 21 POUND live turkey.
AND THEN proceeded.
TO HAVE some fun.
WITH THE sand producer.
AND SANDY has to admit.
THAT A live turkey.
IN YOUR arms.
IN A fashionable hotel.
IS ALMOST as embarrassing.
AS DREAMING.
YOU ARE walking.
DOWN MAIN street.
IN YOUR birthday clothes.
BUT ANYONE.
INCLUDING SANDY Pratt, president.
OF THE Pratt Building Material Co.
OF MARYSVILLE, Pratto (Monteirey County).

SACRAMENTO, San Francisco.
AND PRATTROCK (near Folsom).
WILL TAKE a lot.
OF PUNISHMENT.
FOR THE privilege.
OF CARRYING home, free.
A BIG 21-lb. turkey.
BUT SANDY told the Rotarians.
A FEW things—about turkeys.
THE MOST important being.
THAT TURKEYS require.
SAND AND gravel.
IN THEIR gizzar.
TO GRIND their.
AND SANDY Pratto
HAS SHARP sand.
AND HARD gravel.
FOR FOWL or man.
CONCRETE BUILDINGS and roads.
"I THANK you."



Will a girl eat ice cream? Can a duck swim? Would Sandy Pratt, president of the Pratt Building Material Co. (sand, crushed rock, washed gravel and rock screenings producer) accept a mammoth turkey? Sandy has the "sand" to take an army of live turkeys.

SAN FRANCISCO—Preliminary specifications and estimates have been prepared for a large, white, chief of the Department of Electricity, for an electrical system to illuminate the dome of the city hall. The lighting system will cost approximately \$50,000. The department of electricity is now asked to call for bids on this work in the immediate future.

OAKLAND, Cal.—Until Dec. 8, 9 P. M. bids will be received by Chas. S. Grode, Secretary, Board of Library Directors, 14th and Grove Sts., to fur and install heating equipment in branch book or circulation library, 652 14th St. Plans obtainable from Sec'y. Cert. check 10% payable to Eugene K. Sturges, city clerk, req. with bid. Bond of \$500 will be required of successful bidder.

OAKLAND, Alameda Co., Cal.—Bids were followed by Geo. E. Gross, Clerk of Alameda County on Dec. 1, for the construction of a vault for the Treasurer's office in the City Hall. Henry H. Meyers, Kohl Building, San Francisco, is the architect. The contract was awarded to M. G. West Co., 115 Front St., San Francisco. M. G. West Co., S. F. \$ 9,975
Herman Safe Co., S. L. 10,898

LOS ANGELES, Los Angeles Co., Cal.—Carl Hallin, 909 N. Alvarado St., has contract for excavation and concrete work for two-story Class C dance hall, on Hope St., between 11th and 12th Sts., for E. C. Bower Corp., Leland S. Bower, manager, 816 Highland Bldg., E. E. E. Minardus, Desianist, 1506 Wilshire Blvd. ballroom, refreshment room, bar, balcony, restrooms, ladies' smokingroom, janitor's apartment; 49x 155 feet, brick and plaster, composition roofing, basement, structural steel, oak tile and cement floors, steel trusses, skylights, ornamental iron, plate glass. Cost, \$30,000.

RESIDENCES

Figures to be Called For End of Next Week.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story and basement frame and stucco residence.
Owner—J. H. Clingan.
Architect—H. H. Guttersen, 526 Powell St., S. F.

Contract Awarded.
RESIDENCE Cost, \$26,000
SAN MATEO, San Mateo Co., Cal.
Two-story frame and stucco residence. tile roof, 9 rooms, 4 bathrooms, garage with parking quarters, stables, swimming pool.
Owner—T. A. Blair, S. F.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Melrose Bros., 180 Jessie St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$22,319
SAN FRANCISCO, St. Francis Wood, Santa Clara Ave.
Two-story frame and plaster residence.
Owner—Mrs. Elsa E. Hougard.
Architect—H. H. Guttersen, 526 Powell St., S. F.
Contractor—Matlock & Feasey, 251 Kearny St., S. F.

To Be Done By Days Labor.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Montclair Tract.
Two-story frame and stucco residence, Italian architecture, tile roof.
Owner—A. J. Aaroe, 50th and Grove Sts., Oakland.
Architect—Frederick H. Reimers, Tribune Tower, Oakland.

Contract Awarded.
RESIDENCE Cost, \$15,809
SAN FRANCISCO, Lot 10 BLK 5, St. Francis Wood.
Frame residence.
Owner—Homes Loan Corp., 278 Post St., San Francisco.
Architect—Roland J. Springham, 620 California St., San Francisco.
Contractor—Henry Papenhausen, 282 3rd Ave., San Francisco.

Plans Being Prepared.
LIVINGSTON Cost, \$7500
SAN JOSE, Santa Clara Co., Cal. Fruitvale Ave.
Seven-room frame and stucco bungalow.
Owner—Mr. D. Di Flore
Architect—Wolff & Higgins, Auzerals Bldg., San Jose.

Working Drawings Being Prepared.
BUNGALOWS Cost, \$3500 each
NEAR COLFAX, Cal. Four 1-story frame and stucco bungalows.
Owner—Withheld.
Architect—H. J. Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$23,750
SAN FRANCISCO, San Fernando Ave. & Monterey Blvd.
Owner—E. W. Lick, 894 Chestnut St., San Francisco.
Architect—J. W. Dolliver, Monadnock Bldg., S. F.
Contractor—James Furlong, Monadnock Bldg., S. F.

Contract Awarded.
DWELLINGS Cost, \$11,500
SAN MATEO, San Mateo Co., Cal. Lot 246 Sub. No. 3.
Two frame dwellings.
Owner—Oscar C. Halderman Jr., San Mateo.
Contractor—Mitchell-Jackson Co., 235 3rd St., San Mateo.

Contract Awarded.
DWELLING Cost, \$11,000
BERKELEY, Alameda Co., Cal. No. 36 El Camino Real.
Two-story 8-room dwelling.
Owner—W. Dinwiddie, Durant Ave., Berkeley.
Architect—Chas. Davis, A. C. A. & T. I. Bldg., Oakland.
Contractor—Albert Haskell, 4331 Montgomery St., Oakland.

Completing Plans—To be Done by Day's Work.
RESIDENCES \$10,000 to \$15,000 ea
SAN FRANCISCO, Sloat Blvd. and Nineteenth Avenue.
Four two-story frame and stucco residences.
Owner—J. E. Hawkins, rep. by Mudd-White Realty Co., Alaska Com. Bldg., San Francisco.
Architect—J. J. Rankin, 17 Post St., San Francisco.
This is the second group of 100 houses to be erected by this company.

Low bidder on General Contract.
RESIDENCE Cost Approx., \$51,000
REDWOOD Sea Cliff Ave.
Two-story frame and stucco residence of Italian architecture with terra cotta tile roof (9 rooms).
Owner—Withheld.
Architect—C. W. McCall, Alameda Co. Title & Ins. Bldg., Oakland.
Albert A. Haskell, 4331 Montgomery St., Oakland, was low bidder at about \$51,000. Other bidders were A. Cedarborg, H. C. Andersen, and Emil Person, all of Oakland. Bids were taken under advisement.

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CLAWSON'S PATENT CHIMNEY
Is the Most Complete on the Market

CLAWSON'S FURNACE GRATE
for Gas, Coal or Wood

CLAWSON'S
HOODS and DAMPERS for
Open Fireplaces

Experts in Curing Smoky Flues
and in Ventilating

Terra Cotta and Galvanized Iron
Chimney Tops Erected
Chimney Sweeping

149 GOUGH STREET
Phone Park 6092 San Francisco

Contract Awarded.
DWELLINGS Cost, \$3000 each
RICHMOND, Contra Costa Co., Cal. 5 Pennsylvania St., bet. 2nd and 3rd Streets.
Five one-story frame dwellings.
Owner—J. E. Coleman, Pacific Bldg., San Francisco.
Architect—None.
Contractor—J. P. Tyhurst, 715 Macdonald Ave., Richmond.

LOS ANGELES, Los Angeles Co., Cal.—Hockensmith Engr. & Constr. Co., 1732 Glendale Blvd., has completed working plans and has contract at \$43,000 for 18-unit, 64-room residence court in Lexington Ave. for Mae B. Ranger. Two-story frame and stucco, shingle roofing, hardwood floors, tiled baths and drainboards, wall beds, gas radiators, automatic water heaters, pine trim, tile mantels.

INGLEWOOD, L. A. Co., Cal.—S. Sherman, Inglewood has purchased through Murray & Hall, Hawthorne, property at cor. Fremont and Center Street, where he contemplates erecting 15 dwellings.

ALHAMBRA, Los Angeles Co., Cal.—Hennessy Bros., 300 Lane Mortgage Bldg., Los Angeles, have started work on thirteen 6-room frame bungalows in Emery Park Tract, Alhambra, for D. Wendel Eckerman, 1304 Milton Ave., Los Angeles. Composition roofs, oak floors, tiled baths and sinks. Cost, \$65,000. Mr. Eckerman plans to build other bungalows of the same type in Alhambra.

SCHOOLS

Preliminary Plans Being Prepared.
SCHOOL Approx. \$200,000
SAN FRANCISCO. Jones and Chestnut Streets.
Fireproof building for California School of Fine Arts (size and type of construction not decided).
Owner—San Francisco Art Association, 399 California St., San Francisco.
Architect—Oakwell & Brown, 251 Kearny St., San Francisco.

Contracts Awarded.
SCHOOL Cost, \$50,000
ROSEVILLE, Placer Co., Cal.
One-story reinforced concrete elementary school building.
Owner—Roseville Elementary School District.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.
General contract awarded to Chas. Mabrey, Ochener Bldg., Sacramento, on Prop. 2 for concrete construction at \$33,560.
Heating to Knittle-Cashel Co., 225 5th St., San Francisco.

Completing Plans—Ready for Figures in Three Weeks.
SCHOOL Cost, \$50,000
SAN RAFAEL, Marin Co., Cal. SW 4th and E Streets.
Two-story brick grammar school, English architecture (6 classrooms, teachers' rooms, etc.).
Owner—San Rafael Board of Education
Architect—Benj. Stiles Hayne, 2401 Jackson St., San Francisco.

Opening Date of Bids Postponed.
GYMNASIUM Cost, \$20,000
(1st unit \$8000)
VALLEJO, Solano Co., Cal.
One-story frame gymnasium (1st unit)
Owner—Board of Education of Vallejo.
Architect—W. A. Jones, Vallejo.
Opening of bids for general contract has been postponed from Dec. 2, 1924, to Dec. 16, 1924, at 8 o'clock.

Completing Working Drawings. Ready for Figures Within a Month.
SCHOOL Cost, \$450,000
EUREKA, Humboldt Co., Cal.
Two-story and part basement reinforced concrete high school (30 rooms, auditorium and 2 gymnasiums).
Owner—Eureka High School District.
Architect—John J. Donovan, Tapscott Bldg., Oakland.

TURLOCK Standard Oil, Cal.—Bids were received Dec. 1, 1924, 3 p. m., by A. G. Howell, clerk of Turlock Union High School District, for the construction of a two-story brick and concrete building with a seating capacity of 1,000 persons. W. H. Weeks, 363 Pine street, San Francisco, is the architect. Bids ran high and were taken under advisement one week. Following is the complete list:

General Contract

(1) Frame construction; (2) brick veneer; (3) alternate:
 (1) \$11,750; (2) \$11,400; (3) \$10,800. R. W. Moller, San Francisco (1) \$13,750; (2) \$13,347; (3) \$13,480. P. T. Walstrom, Turlock (1) \$14,000; (2) \$13,600; (3) \$14,000. J. Fritz, Turlock (1) \$12,720; (2) \$12,700; (3) \$12,800. West Coast Constr. Co., San Francisco, (1) \$13,578; (2) \$13,600; (3) \$13,600.

Heating and Ventilating

A. Thorson, Turlock, \$3,044.76; alt. \$2,035.33. McMullin and Young, \$3,170; alt. \$2,538. Turlock Plumbing Co., Turlock, \$3,184.50; alt. \$2,293. Geo. A. Shuster, Oakland, \$3,361; alt. \$3,540. T. J. Kennedy, Martinez, \$3,665; alt. \$2,762. Carl T. Doell, Oakland, \$3,845; alt. \$3,315. W. & J. Bays, Oakland, \$3,839; alt. \$3,100.

Hemet Riverside Co., Cal.—Until 2 P. M., Dec. 8, bids will be received by Hemet Union High School for building materials for gymnasium and junior high building, as follows: Sand, crushed rock, cement, lumber, reinforcing steel, used cement mixer, roofing materials, electric supplies, windows, doors, linoleum, steel lockers, plumbing, plastering, 1 hot air heating plant, steam heating plant, paint, stage curtains, chairs, gymnasium equipment, hot water tank. Specifications on file with supt. of Hemet schools. Buildings are to be erected by students in accordance with plans by Fay R. Spangler, 414 W. 19th St., Santa Ana.

HUNTINGTON PARK, Los Angeles Co., Cal.—Until 3 P. M., Dec. 17, bids will be received by trustees of Huntington Park Union High School District for addition to liberal arts building at high school site, Huntington Park. Separate bids for general work, wiring, heating, painting, plumbing and cabinet work. Alfred W. Rea and Chas. E. Garstang, 903 Trust & Savings Bldg., Los Angeles, are the architects. Dimensions, 162x66 feet, with an extension, 50x66 ft., with connecting colisters 2-story 24-in. brick walls, red pressed brick and stucco exterior, composition roofing, pine trim. Cost, \$130,000.

GERLACH, Nevada.—Until Dec. 8, bids will be by Mont E. Hutchison, clerk, Gerlach Consolidated School District No. 27, to construct addition for school. Plans obtainable from clerk at Gerlach.

SALINAS, Monterey Co., Cal.—Until Dec. 11, 7:30 p. m., bids will be received by Frank S. Clark, clerk Salinas Union High School District, to construct 1,000 sq. ft. conc. walks at high school grounds. Specifications obtainable from clerk.

CAMBRIA, San Luis Obispo Co., Cal.—Architect O. L. Clark, 1418 Chapman Bldg., Los Angeles, is completing plans for a one-story and basement high school building at Cambria, for the Cambria Union High School District. Auditorium to seat 350, classrooms and offices; brick walls, composition roofing, maple and cement floors, rug, brick facing, steam heating system, pine trim, slate blackboards. Cost, \$60,000. Bids will be taken in 30 days.

WATTS, Los Angeles Co., Cal.—Until 12 noon, Dec. 18, bids will be received by O. F. Thompson, Supt. of Compton Union High School District, for high school building at Watts. Plans and specifications obtainable from Architect Frank M. Goodwin, 207 W. Main St., Compton, upon deposit of \$25, returnable. Cert. check or bond, 5%. Andrew Herskind, clerk. Main building will be two-story, 237x85 ft., semi-dry-proof construction, and will contain 16 classrooms and assembly hall. Domestic science and manual training departments will be housed in separate buildings with connecting arcade. Tudor period type of architecture. Ruff, brick and art stone exterior, composition, slate floors, gas mantle radiators. Plans provide for future auditorium. Approximate is between \$115,000 and \$125,000.

SAN PEDRO, Los Angeles Co., Cal.—Until 9 A. M., Dec. 10, bids will be received by Los Angeles Board of Education for tennis courts and fence at East San Pedro, near Main. Plans and specifications on file at 730 Security Bldg. Cert. or cash check or bond, 5%. Wm. A. Sheldon, secretary.

LOS ANGELES, Los Angeles Co., Cal.—Architects Wm. Lee Woodliff and W. W. Eager, 1214 Pacific Mutual Bldg., are completing working plans for a three-story Class I general education building at 20th St. near University Ave. for University of Southern California; rooms and accommodations for 100 girls, kitchen and diningroom, facilities for gymnasium, lounge, reading and recreation hall, 100 seats, pressed brick facing, tile roofing, basement steam heating system, hot water heater, cast stone trim and entrance, pipe and concrete stairs, trim, metal lath, tiled toilets and baths, ornamental iron. Cost, \$100,000. Bids will be taken soon.

WATTS, Los Angeles Co., Cal.—Until 12 noon, Dec. 18, bids will be received by O. F. Thompson, Supt. of Compton Union High School District, for high school building at Watts. Plans and specifications obtainable from Architect Frank M. Goodwin, 207 W. Main St., Compton, upon deposit of \$25, returnable. Cert. check or bond, 5%. Andrew Herskind, clerk.

LOS ANGELES, Los Angeles Co., Cal.—Architect Lloyd Raliff, 1019 Wright-Callender Bldg., has completed plans for a one-story and part two-story 14-unit school addition at the Fremont Ave. School site for the Board of Education, main building, 1-story and part basement, 80x50 ft., with 2-story wing, 60x109 ft., brick, stone trim, tile roofing, steam heating, maple floors, reinforced concrete corridor and stair construction, slate blackboards, pine trim. Cost, \$90,000. Board of Education will take bids soon.

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SAN FRANCISCO

LOS ANGELES

VALLEJO, Solano Co., Cal.—Board of Education, Elmer L. Cave, Sec'y., has extended time to open bids on Senior High School gymnasium building from Dec. 4 to Dec. 15 at F. M. W. A. Jones, architect, 403 Alameda St., Vallejo.

BANKS, STORES & OFFICES

San Jose Heating Tanks. Cost, \$60,000. **STORE, OFFICE BLDG.** Cost, \$60,000. **3333 ALVARADO**, Santa Co., Cal., Pine St. and San Anselmo Ave. Three-story reinforced concrete store and office bldg., Spanish Renaissance style architecture. Owner—G. Franchini and Chas. Pagano.

Designer and Contractor—S. Rasori, 114 W. Williams Edge, S. F. Figure being taken on plumbing, masonry, reinforcing steel, plate glass, tile, plastering, etc.



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Contract Awarded.
STONES BLDG. Cost, \$48,128
BUILDING. SAN MATEO CO., Cal.
 12th and Broadway Sts.
 One-story reinforced concrete and hollow tile building, 12 stories and (2) story.
 Owner—L. J. Duggan, 1236 Cortez St., Berkeley, Cal.
 Architect—Rabin & Edwards, Commercial and Broadway Sts., Berkeley.
 Contractor—L. Duggan, 426 Highland Ave., San Mateo.

Contract Awarded.
STORE BLDG. Cost, \$17,000
OAKLAND. Alameda Co., Cal., cor. 10th and Broadway Sts.
 One-story brick store bldg.
 Owner—H. Goodwater, 238 and Broadway, Oakland.
 Architect—None.
 Contractor—E. A. Muller, 805 Syndicate Bldg., S. F.

Contract Awarded.
STORE BLDG. Cost, \$9,470
MARINEZ. Contra Costa Co., Cal.
 Main and Las Juntas Sts.
 One-story brick store building, 37x100.
 Owner—M. R. Jones, Balfour Bldg., San Francisco.
 Architect—James T. Narbett, 910 Macdonald Ave., Richmond.
 Contractor—H. S. Mendenhall, Martinez, Cal.

Sub-Contracts Awarded.
STORE. Cost Approx., \$110,000
SALINAS. Monterey Co., Cal.
 Two-story reinforced concrete department store.
 Owner—Farmers Mercantile Association, Salinas.
 Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
 Contractor—West Coast Const. Co., 519 California St., San Francisco.
 Sub-contracts awarded as follows:
 Lumber—Tahara Lumber Co., E Alisal St., Salinas.
 Reinforcing Steel—Tuscon Steel Co., 709 Mission St., S. F.
 Steel Sash—Detroit Steel Products Co., 20 Kearny St., S. F.
 Reinforcing Steel—Tuscon Steel Co., 709 Manufacturing Co., 617 Bryant St., San Francisco.
 Millwork—S. H. Chase Lumber Co., 547 W. Santa Clara, San Jose.

Owner Taking Bids for Elevator and Roofing.
STORE BLDG. Cost, \$30,000
SAN FRANCISCO. S Market St. 140 W Tenth St.
 Three-story and basement brick store and loft building, 30x140.
 Owner—Symon Bros., 1525 Market St., San Francisco.
 Designer & Contractor—R. McLean Co. Hearst Bldg., San Francisco.
 As previously reported, steel sash was awarded to Michel & Pfeiffer, 1425 Harrison St.; iron work to Schrader Iron Works, 1247 Harrison St., S. F.

Completing Plans—Ready for Figures in About a Week.
STORE BLDG. Cost, \$50,000
BURLINGAME. Primrose Rd. and Burlingame Ave.
 One-story and mezz. class C store bldg.
 Ownr.—Levy Bros.
 Architect—E. L. Norberg, 593 Market St., S. F.

Bids Being Taken for General Contract BUILDING. Cost, \$50,000
SAN FRANCISCO. W Embarcadero 45.10 N Howard.
 One-story class C store building with wooden pile foundation.
 Owner—Pope & Talbot Land Co.
 Architect—J. E. Kruff & Sons, Phelan Bldg., S. F.
 Contract to be awarded shortly for Pile Foundation, Excavating and Pumping.

Bids To Be Taken In Two Weeks.
OFFICE & PRINTING PLANT. \$40,000
SAN JOSE. Santa Clara Co., Cal., 2nd St. and Santa Clara.
 One and part 2-story reinforced concrete office & printing plant bldg.
 Owner—W. L. Atkinson Co. and Associates, 28 E Santa Clara St., San Jose.
 Architect—Wolff & Higgins, Auzaerals Bldg., San Jose.

Contract Awarded.
BUILDING. Cost, \$14,000
RICHMOND. Macdonald Ave. bet. 13th and 14th Sts.
 Two-story brick building.
 Owner—P. M. Black, 2316 Brooks Ave., Richmond.
 Contractor—Tandy & Theis, 234 Chanslor Ave., Richmond.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$35,000
SAN FRANCISCO. Ocean Avenue and Watson Street.
 One-story reinforced concrete branch Post Office building.
 Owner—Louis R. Lurie Co.
 Architect—G. Brien Evans, 315 Montgomery St., San Francisco.
 Lessees—United States Government.
 Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.
 Reinforcing steel awarded to Gunn Carle & Co., 444 Market St., S. F.
 Plastering—Francis O'Reilly, 130 Jessie St., S. F.
 Electrical Work—Fred Wilson Co., 520 Valencia St., S. F.
 Plumbing & Heating—J. J. McLeod, 1246 Golden Gate Ave., S. F.
 Mill Work—Empire Mill, 750 Bryant St., San Francisco.
 Lumber—J. H. McCallum, 718 Bryant St., San Francisco.
 Steel Sash—U. S. Metal Products, 330 10th St., S. F.

Contract Awarded.
AUTO SHOW ROOM. Cost, \$10,000
OAKLAND. Alameda Co., Cal. 510 Lake Park Ave.
 One-story brick auto show room.
 Owner—A. W. Kell, 510 Lake Ave., Oakland.
 Architect—Schirmer Bugbee Co., Thayer Bldg., Oakland.
 Contractor—Dinnie Construction Co., 3757 Broadway, Oakland.

Segregated Figures To Be Taken Next Week.
STORE BLDG. Cost, \$—
BERKELEY. Alameda Co., Cal., Allston Way.
 One-story reinforced concrete store bldg., 40 x 120 ft. (7 stories).
 Owner—Chas. W. Heyer Jr. Mills Bldg., San Francisco.
 Architect—Chas. W. McCall, Alameda County Title & Ins. Bldg., Oakland.

Contract Awarded.
ALTERATIONS & ADDITIONS. Cost, \$40,000
FRESNO. Fresno Co., Cal. Fulton & Merced Sts.
 Extensive alterations and additions on 2-story building, converting into several stores, etc.
 Owner—Owl Drug Co., Fresno, Cal.
 Designer & Contractor—Oliver Duval & Son, Daziel Bldg., Oakland.

Contract Awarded.
BUILDING. Cost, \$12,000
HAYWARD. Alameda Co., Cal. A St. near Castro.
 Two-story reinforced concrete office building.
 Owner—George Oakes, Jr., Pub. Hayward Weekly Journal, Hayward.
 Architect—E. P. Whiteman, Main St., Hayward, Cal.
 Contractor—James Willison, A & Myrtle Sts., Hayward.

Carpentry, Ornamental Iron and Sheet Metal.
 Bids Being Taken on Plastering.
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO. N Post street 160-180 W Powell St.
 Ten-story and basement class A office and loft building.
 Owner—Selah Chamberlain, Mills Bldg., San Francisco.
 Architect—H. B. Watson & Brown, 251 Montgomery St., San Francisco.
 Carpenter—W. D. Henderson, Monadnock Bldg., S. F.
Ornamental Iron. Sartorius & Co., 18th and Hampshire St., S. F.
Sheet Metal. Guilfoyle Cornice Works, 1284 Howard St., S. F.

Other contracts previously awarded are: Furnishing terra cotta to Glad- ding McLean Co., Crocker Bldg., S. F. Brick work and setting tile to Reed & Reed, 1800 Jessie St., S. F. Concrete work to H. L. Peterson, Brick Bldg., S. F. Electrical work to Standard Elec. Co., 80 Natoma St. and structural steel to Calif. Steel Co., Hobart Bldg., S. F.

Contract Awarded.
BANK BLDG. Cost, \$20,999
VALLEJO. Solano Co., Cal. Georgia and Sacramento Sts.
 Two-story and mezzanine cement or brick bank bldg.
 Owner—L. G. Harrier & R. J. R. Aden, 322 Sacramento St., Vallejo, Cal.
 Designer—John Sullivan, Tallac and Shasta Sts., Berkeley.

LOS ANGELES. Los Angeles Co., Cal.
 J. C. Bannister, 6331 Hollywood Blvd., awarded general contract at about \$135,000 for 12-story and basement Class A addition on Spring St. adjoining Trust & Savings Bldg. for Bank. John and Donald Parkinson, 420 Title Insurance Bldg., are the architects. Capt. R. McC. Hensfield, 603 Trust & Savings Bldg., engineer. Reinforced concrete, terra cotta facing, first 4 stories designed for bank purposes, upper stories for offices.

LOS ANGELES. Los Angeles Co., Cal.
 Wm. Simpson Const. Co., 915 Bank of Italy Bldg., will erect a 13-story and basement Class A medical office building at the southeast corner of Eighth and Francisco Sts. for Dr. F. E. Morgan and associates. Architects—Walker & Eisen, 701 Great Republic Life Bldg., are completing plans. Dimensions, 100x184 ft., reinforced concrete construction, pressed brick and terra cotta facing, plate glass, marble and tile work, elevators, steam heat.

CHEHALIS. Wash.—Arch. J. De F. Griffin, Chehalis, preparing plans for one-story 87½ by 100 ft. brick and terra cotta bank building for Lewis County Savings and Loan Assn. Will be erected at Park St. and Pacific Ave.

TACOMA. Wash.—The Tacoma Branch of the Bank of California, N. A., plans early construction of a \$750,000 bank and office building in Pacific Ave., adjoining the Washington Hotel. H. G. Raleigh is manager of the Tacoma branch.

ALHAMBRA. Los Angeles Co., Cal.—R. G. Daugherty, 624 W. 4th St., Los Angeles, awarded contract at \$35,000 for one-story building, 100x184 feet, at Edith and Valley Blvd., Alhambra, for H. Donnelly and Hegas, Alhambra Plans by Gualano & Richardson, 1414 Valley Blvd., Alhambra; 5 stores and dancing pavilion. Stucco exterior, art stone, composition roof, terra cotta, plate glass and pressed brick, fire drs., vault, structural steel, tile work, cement and hardwood floors.

SAN FRANCISCO. The Neal Co., 477 Ivy Ave. at \$16,600 awarded contract for painting in connection with six-story reinforced concrete warehouse and offices for Hills Bros., at Harrison and Spear streets, J. W. Bender Roofing and Paving Co., Monadnock Bldg., at \$2348, awarded contract for composition roofing. Geo. W. Kelham, architect, Sharon Bldg. F. J. Walker, 55 New Montgomery St., general contractors.

LOS ANGELES. Los Angeles Co., Cal.—Bank of Italy, Mission and Chicago 1230 Bank of Italy Bldg., and 550 Montgomery St., San Francisco, has leased the southeast corner of Hollywood Blvd. and Vermont Ave., and will erect a two-story Class C brick bank, store, office and apartment building. Preliminary plans are being prepared by owner's architectural department in San Francisco, of which H. A. Menton is in charge.

SANTA MONICA. Los Angeles Co., Cal.—Architect H. B. Watson, 425 S. Western Ave., Los Angeles, has prepared plans and is taking bids for one-story Class C store building at Wilshire Blvd. and 15th St., Santa Monica, for S. Warnsdett; 5 stores, 100x60 ft., face brick, composition roof, wood trusses, plate glass, metal and marble store fronts, cement floor. Building is designed to carry additional story.

TRANQUILITY. Fresno Co., Cal.—Jolly & Jolly, Fresno, at \$2525 awarded contract by Tranquility Irrigation District to erect office building; fireproof construction.



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

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SAN FRANCISCO

LOS ANGELES, Los Angeles, Cal. The Los Angeles Theatre Co., 110 Sutter St., San Francisco, Cal., has secured the rights to the play "The Sign of the Cross" for production in the city. The play is a historical drama, and the company has secured the rights to the play for production in the city. The play is a historical drama, and the company has secured the rights to the play for production in the city.

Contract Awarded—The Los Angeles Theatre Co., 110 Sutter St., San Francisco, Cal., has secured the rights to the play "The Sign of the Cross" for production in the city. The play is a historical drama, and the company has secured the rights to the play for production in the city.

Plans Being Prepared. THEATRE. Cost, \$20,000 to \$30,000. MENLO PARK, San Mateo Co., Cal. One-story frame and stucco motion picture theatre (500 to 600 seats). Owner—Withheld. Architect—Birge M. Clarke 600 Embarcadero, Palo Alto.

Commissioned To Prepare Plans. THEATRE. Cost, \$— SAN FRANCISCO, Cal., Mission and sheet metal, concrete and stucco. Fireproof moving picture theatre bldg. Owner—Golden State Theatre & Realty Corp. Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

No definite plans have been decided upon as to style of architecture, kind of construction, etc. Report will be made later.

Bids Opened and Taken Under Advice—ment. THEATRE ETC. Cost, \$100,000. BERKELEY, Alameda Co., Cal., Bancroft W. Steel and reinforced concrete theatre and store building. Owner—Frank Atkins. Architect—James T. Nabett, 910 Macdonald Ave., Richmond.

Bids were taken for general contract (including carpentry work, sash and doors, glass, tile, sash bars, roofing, sheet metal, concrete and cement work, excavating, masonry, terra cotta and painting) and separate bids for structural steel. Bids have been taken under advice, although it is probable bids will be rejected as too high.

Heating Contract Awarded—Sub-Bids Being Taken on Sheet Metal. ALTERATIONS. Cost, \$18,000. OAKLAND, Alameda Co., Cal. Franklin and Fourteenth Sts. Remodel front and interior of theatre (redecorating, slight changes in heating, erect entire new front, cement plastered). Owner—Ackerman & Harris. Architect—Henry H. Meyers, Kohl Bldg., San Francisco. Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco. Heating Contractor—W. K. Nottingham, 289 10th St., Oakland. Figures will be taken on other portions of the work next week.

PORTLAND, Ore.—Arch. W. W. Lucius, Lewis Bldg., completes plans for concrete, cast stone trimmed theatre to be erected at E-41st and Division sts.; owner's name withheld. Will be 100 by 150 ft., with balcony.

LOS ANGELES, Los Angeles Co., Cal.—Architect G. Albert Landsburgh, 700 Hillstreet Bldg., and San Francisco, has completed working plans for a Class A, 13-story theatre and office building at 844-46 S. Broadway, for Broadway Properties, Inc., Joe Topitzky, agent, 205 H. W. Hellman Bldg., theatre with balcony will seat 2400, the front section will be 13-story and contain lofts; 138x148 feet, steel frame and reinforced concrete, pressed brick and terra cotta facing, basement, composition roofing, plate glass, electric elevators, steam heating, cement, hardwood and tiled floors, marble work, ornamental iron, steel sash, ventilating system. Cost, \$1,000,000. Lewellyn Iron Works, Main and Redondo Sts., has contract for structural steel. Bids will be taken about Jan. 1st.

THEATRES

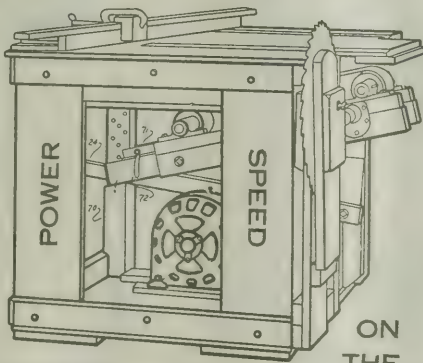
Segregated Places Being Taken. THEATRE. Cost, \$20,000. OAKLAND, Alameda Co., Cal. 18th St. and Park Blvd. Class A theatre (1000 seats). Owner—Golden State Theatre Co. Architect—Mark Jorgensen, 110 Sutter St., San Francisco. Bids will be taken for segregated contracts.

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BALTIMORE, Wash. Dec. 8.—Halls and Society Building, 100 E. E. AWARD of merit.

WHARVES AND DOCKS

BERKELEY, Alameda Co., Cal.—City council petitioned to extend leased pier wharf approx. 100 ft. and provide additional shed facilities. It is estimated that \$2,000 will finance the work. Referred to City Manager, John N. Day.

MISCELLANEOUS BUILDING CONSTRUCTION

Sub-Contract Awarded — Bids Being Taken on Plastering and Painting, Addition, Cost, \$124,400
SAN FRANCISCO, Seventeenth St. near Mariposa St.

One-story reinforced concrete addi-
tional floor to municipal car barn,
owner—City and County of S. F.
City Engineer—M. M. O'Shaughnessy,
City Hall.

Contractor—Industrial Construction Co.

Sub-contacts were let as follows:
Plumbing—J. J. McLeod, 1246 Golden
Gate Ave., San Francisco.

Rock, Sand & Gravel—Aggregate Co.
Sheet Metal & Sky-Light Glass—For-
derer Corbin Works, 263 Potrero
Ave., S. F.

Millwork—Empire Mill Co., 750 Bryant
St., S. F.

Ornamental Iron—Fair Manufacturing
Co., 617 Bryant St., S. F.

Steel Sash—U. S. Metal Products Co.,
359 10th St., S. F.

Reinforcing Steel—Gunn Carle & Co.,
444 Market St., S. F.

Trolley Installation & Rail Bonding —
R. W. Jamison, 639 Mission St.,
San Francisco.

Safety Stair Treads—C. Jorgenson &
Co., 604 Mission St., S. F.

Rolling steel Doors—Pacific Materials
Co., 525 Market St., S. F.

Electric Wiring—Fred Wilson Co., 520
Valencia St., S. F.

Roofing Sides—N. Clark & Son, 116 Na-
toma, San Francisco.

Cement—J. S. Gierin Co., 720 Folsom
St., San Francisco.

Lumber—J. H. McCallum, 748 Bryant
St., San Francisco.

Granite Work—Raymond Granite Co.,
3 Potrero St., San Francisco.

Linoleum & Window Shades—D. N. &
E. Walter, 562 Mission St., S. F.

Sub-contacts previously reported as
follows: Roofing—J. W. Bender Roofing
& Paving Co., Monadnock Bldg., S. F.;

Glass—P. A. Smith Co., 638 4th St.,
S. F.; Heating—Gilley-Schmid Co., 198
Otis St., S. F.

Contract Awarded.
SAN FRANCISCO. See Chff Sub. No. 3.
Contract—J. W. Bender Roofing
& Paving Co., Monadnock Bldg.,
S. F.
Architect—Earle B. Bertz, 163 Sutter St.
San Francisco.
Contractor — Daniel L. Bienfield, 447
21st Ave., S. F.

SAN FRANCISCO, Cal.—Cruikshank
Engineering Co., 516 Wilcox Bldg., Los
Angeles, manufacturers of an auto-
matic fire detector, want to get in
touch with distributing agency to han-
dle the sale of their product in North-
ern California. Communicate direct.

SAN FRANCISCO—Until Dec. 15, 2.30
P. M., bids will be received by Leonard
S. Leavy, city purchasing agent, 270
City Hall, to fur: (1) engineering and
plumbing supplies; (2) hardware and
castings; (3) paints, painters' supplies
and glass. Specifications obtainable
from above office.

SALINAS, Monterey Co., Cal.—Bids
will be received by city council Dec. 29
for purchase of \$40,000 bond issue to
finance construction of new grand-
stands at Salinas municipal racetrack,
(California Rodeo Grounds). M. R.
Keef is city clerk.

SAN FRANCISCO — Pan-American
Petroleum Corporation, Security Bldg.,
Los Angeles, will expend approximately
\$1,500,000 in the San Francisco bay
district. Seven acres of land have been
purchased in Clinton Basin, at the foot
of 5th Ave., Oakland, where twenty
storage tanks will be constructed with
a capacity of from 25,000 to 50,000 bar-
rels each. In addition to the tanks an
850-ft. concrete pier, warehouse, gar-
age, office building and pipe lines
will be constructed. Twenty service
stations will be established in the east
bay district.

A site will be purchased at the foot
of Army street, San Francisco, where
ten or twelve storage tanks of same
capacity will be erected in addition
to a pier, warehouse, pipe lines and
twenty sales service stations. The Oak-
land improvements will cost approxi-
mately \$250,000 and the San Francisco
improvements in excess of \$200,000, the
cost of service stations not being in-
cluded in these estimates.

SAN FRANCISCO — The Exposition
Preservation League plans to erect a
replica of the Column of Progress on
the old P. L. E. grounds. The Board
of Supervisors has approved prelimi-
nary designs for the structure. Judge
Matt I. Sullivan, president of the City
Planning Commission, is a prime mover
in the project.

SAN BERNARDINO, San Bernardino
Co., Cal.—E. G. Sullivan, engineer, 8th
division, state highway commission, an-
nounces working plans being completed
and bids to be called for soon for 1st
unit of commission's divisional shops
on 3-acre site at 3rd and Arrowhead.
It will be 3-story, sawtooth roof type,
60x120 ft., reinforced concrete and
steel construction, wire fence enclosure.

SANTA BARBARA, Santa Barbara
Co., Cal.—John B. Miller, David Blank-
enhorn and Floyd Turner, of Pasadena,
and H. T. Fleischacker of San Fran-
cisco, who recently purchased 7 acres
of beach property near Miramar, have
retained engrs. firm of Bernard and
Leeds to make survey and report on
feasibility of reclaiming tide lands to a
depth of 1000 ft. A large hotel and
pleasure pier are contemplated.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further informa-
tion regarding these opportunities may
be obtained from the office of Larsen
Advance Construction Reports, 818
Mission Streets, San Francisco, either
by phone, letter, or personal call. Re-
quests for additional information
should be made to the Business Oppor-
tunities Department. Such requests
must be accompanied by the Index
Number of each opportunity.

8747 — Lorrach-Stetten, Germany.
Manufacturers of electrical illuminat-
ing apparatus for doctors and dentists,
desire to appoint an exclusive repre-
sentative in San Francisco.

8744—Vancouver, B. C. Large mining
company desires to buy one or more
bucket dredges. Offers should be made
direct.

8751—Mexico, D. F. Gentleman, with
wide banking and commercial training,
desires to open offices for a San Fran-
cisco firm extending its business in
Mexico.

8752—Fitchburg, Mass. Large manu-
facturing firm, producing paper mill
equipment and machines, desires to
make a selling arrangement with a
San Francisco exporter who could
handle the Japanese business.

8753—Berlin, Germany. Firm desires
to make arrangements for direct im-
portation from San Francisco to Berlin.

D-1417—Lynchburg, Va. Manufactur-
ers desire contact with jobbers and re-
tailers of farm and freight wagons to
act as distributors of their Rotary
sleigh wagons.

D-1418—Los Angeles, Cal. Manufactur-
ers of automatic fire detector want
to get in touch with live distributing
agency to handle the sale of their prod-
uct in Northern California.

D-1419—San Francisco. Inventor of
combination farm tractor offers liberal
interest to individuals or firms who
will promote sales.

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Official Proposals

NOTICE TO BIDDERS

(Valves—Merced Irrigation District)

Notice is hereby given that sealed proposals will be received at the Board of Directors of the Merced Irrigation District in the Bancroft Building, Merced, California, until Tuesday, December 16, 1924 at 10 o'clock a. m. for the furnishing of the following valves needed in the construction of the Exchequer Dam and Lower Plant of the Merced Irrigation District:

Two 18x60 inch Slide Gates for 255-foot head.

Two 18x96 inch Slide Gates for 290-foot head.

Two 60-inch Inlet Diameter Free Discharge Needle Type Valves for 255-foot head.

Two 96-inch Inlet 290-foot head needle type penstock valves.

Two 96-inch Pivot Valves (alternative).

Two 96-inch Inlet 290-foot head needle type discharge valves.

Two 96-inch Hydraulic Balanced Valves (alternative).

Specifications for said material can be seen at the office of said Board and copies thereof will be furnished upon application to the Secretary of said Board accompanied by a deposit of \$200 to be repaid to all bidders and to all others upon return of the plans and specifications in good and acceptable condition not later than the day set for opening bids.

Said Board will be in session at its office at 10 o'clock a. m. on Tuesday, December 16, 1924, and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidders may submit bids upon any or all of the schedules, but no schedule will be subdivided.

Each proposal must be accompanied by a certified check for five (5) per cent of the amount of the schedules bid upon, payable to the order of the Merced Irrigation District as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than twenty-five (25) per cent of the amount of his bid for the faithful performance of the work in accordance with the plans and specifications, said bonds to be approved by said Board.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposal, must be submitted intact with the bid in a sealed envelope, addressed to the Board of Directors of the Merced Irrigation District, and marked to indicate that it is a proposition for the pressure valves for the said dam and power house.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District, this 5th day of November, 1924.

H. P. Sargent,
Secretary of the Board of Directors
of the Merced Irrigation District.

NOTICE TO CONTRACTORS

(Humboldt County—Painting)

Notice is hereby given that sealed bids will be received by the Board of Supervisors of Humboldt County, California, at the office of the Clerk of said Board, at the Court House, in the City of Eureka, said county and state, until Tuesday, December 9th, 1924, at two o'clock p. m., for painting the County Jail and the County Library buildings in Eureka, in accordance with the specifications for the work now on file in the office of said clerk. Each bid must be accompanied by cash or certified check for five per cent of the amount of the bid as a

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

guarantee of good faith and the Board reserves the right to reject any or all bids.

FRED M. KAY,
Clerk of said Board of Supervisors.

NOTICE TO CONTRACTORS

Storehouse and Quarters, Pearl Harbor

Sealed bids are wanted until 11 A. M., December 23, by the office of the Chief of the Bureau of Yards and Docks, Navy Department, Washington, under Spec. 5003, for storehouse and quarters at the naval operating base (hospital), Pearl Harbor, T. H. The work includes: plain and reinforced concrete, brick, hollow tile, steel and iron steel sash, asbestos shingle and built up roofing, metal covered doors, rolling steel doors, lathing and plastering, stucco, wood framing, doors, sash, trim and flooring, electric freight elevator and sprinkler, plumbing and electric lighting system; deposit of \$10 required for plans and specifications.

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Feron Building, Sacramento, California, until 2 o'clock p. m. on December 29, 1924, at which time they will be publicly opened and read, for construction, in accordance with plans and specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Glenn County, across the Central Irrigation Canal, reinforced concrete culvert at the southerly limits of Willows (III-Gle-7-A), consisting of six 7-foot by 8-foot openings, and a reinforced concrete culvert near the easterly limits of Willows (III-Gle-6-A), consisting of seven 8-foot by 8-foot openings.

Plans may be seen, and forms of proposals, bonds, contract and specifications may be obtained at said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsuir, Sacramento,

San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
E. J. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
DATED December 1, 1924.

NOTE TO CONTRACTORS

(U. S. Veterans' Hospital, San Fernando, Calif.)

Note Date of Opening Bids Postponed From December 9 to December 16, 1924

SEALED PROPOSALS, marked "Proposal for Construction of Building Ings and Utilities, San Fernando, California," will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11:00 A. M., December 9, 1924, and then are hereby opened for the construction complete of Semi-Ambulant Building, Infirmary, Men's Ambulant Building, Administration Building, Women's T. B. Building, Women's General Medical Building, Recreation Building, Garage, Storehouse, Laundry, Attendants Quarters, Nurses Quarters, Junior Officers Duplex Quarters, Senior Officers Duplex Quarters, M. O. C. Quarters, Gate House, Septic Tank and House, Steel Water Tank and Concrete Dam. This work will include reinforced concrete construction, hollow tile, metal lathing, tile and built-up roofing, marble work, floor tile, carpentry, ironwork, steel sash, plastering, painting, glazing, hardware, plumbing, electric and clock and chime work, electric elevators and outside service connections.

Separate Proposals will be received for Building Construction, Plumbing, Heating, Electric Work, Elevators and Refrigerating Plant, all as set forth on proposal sheet. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards, the records of bidders for expedition, service, satisfactory performance of contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 791, Arlington Building, Washington, D. C., or to Wm. H. Radcliffe, U. S. Veterans' Hospital No. 102, Livermore, California. Deposit with application of a check or postal money order for \$100 payable to the TREASURER OF THE UNITED STATES is required as security for safe return of the drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director,
October 30, 1924

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ARTHUR PRIDDLE

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General Listing Bureau

Architect's Preliminary Estimates

RAILROADS

CALEXICO, Cal.—Const. of Calexico-to-Gulf railway, bet. Calexico and San Felipe, 149 mi. so., has been resumed under the direction of H. H. Clark, mgr. of the Colorado River Land Co., J. N. Acosta is engr. representing the Mexican govt., Harry Chandler, Los Angeles, is one of the land-owners interested.

FIRE ALARM SYSTEMS

STOCKTON, San Joaquin Co., Cal.—Gamewell Co., 933 Larkin St., San Francisco, at \$133,492 awarded cont. by council to install police and fire alarm system.

SAN FRANCISCO, Cal.—Cruikshank Co., 516 Wilcox Bldg., Los Angeles, manufacturers of an automatic fire detector, want to get in touch with distributing agency to handle the sale of their product in Northern California. Communicate direct.

FIRE EQUIPMENT

CHICO, Butte Co., Cal.—Seagrave Co. at \$12,750 awarded cont. by council to fur. and del. motor fire engine; allowance of \$1000 will be made for old machine.

CALEXICO, Cal.—Eureka Fire Hose Co., awarded cont. for 500 ft. fire hose at \$140 ft. The cont. was divided into three orders to avoid necessity for calling bids.

COMPTON, Cal.—Stutz Co. sub. low bid to city at \$12,250 for new fire engine. Seagrave Co., Ahrens-Pox Co. and American-La France ea. bid \$13,000. Bids taken under advisement.

COMPTON, Cal.—City Clerk Maude Hecock instructed to advertise for bids for 1800 ft. 2½-in. and 300 ft. 1½-in. fire hose.

RESERVOIRS AND DAMS

SOUTH PASADENA, Cal.—Olmsted & Gillelen, consulting engrs., Hollingsworth Bldg., Los Angeles, retained by city trustees to work out plans for repair of the Garfield Ave. reservoir which failed while being filled.

DEL MAR, Cal.—McKenna & Elliot sub. low bid to Santa Fe Irrigation District, Santa Fe Ranch, at \$14,262.96, for a concrete lined reservoir. Other bids: Sharp & Fellows, Los Angeles, \$14,574.30; Escondido Cement Products Co., \$17,999.10.

AMERICAN FALLS, Idaho—U. S. Bureau of Reclamation has withdrawn the invitation for bids to be opened December 20 for foundations in river section of American Falls dam. Necessary revision in specifications is responsible for the postponement. It is probable that the work will be readvertised in about 30 days.

PIPE LINES, WELLS, ETC.

LONG BEACH, Cal.—Shinn-Holtz-Lyon, 2130 E 7th St., Los Angeles, sub. low bid to city council for (1) 32,000 ft. 10-in. and (2) 10,000 ft. 12-in. lap welded beveled end wrought steel pipe at (1) \$1.64 ft., (2) \$2.12 ft. Other bids: N. O. Nelson Mfg. Co., (1) \$1.69, (2) \$2.20; Republic Supply Co., (care) (1) \$1.68 and (2) \$2.19; same, (truck) (1) \$1.6788 and (2) \$2.1841; Graham and Armstrong, Long Beach, (1) \$1.69 and (2) \$1.90; Pac. Pipe Supply Co., (1) \$1.6483 and (2) \$2.1479; Crane Co., (1) \$1.69 and (2) \$2.20; Associated Supply Co., (1) \$1.66 and (2) \$2.16; Smith-Booth-Usher Co., (1) \$1.675 and (2) \$2.179; Grinnell Co., (1) \$1.65 and (2) \$2.15; Mark-Lally Co., (1) \$1.68 and (2) \$2.19; Mark-Lally Co., (dock)

\$1.66 and (2) \$2.16; Thos. H. Pike Co., (1) \$1.66 and (2) \$2.20. Bids taken under advisement.

LOS ANGELES, Cal.—Bids rec. by pub. serv. comm. for riv. sheet steel pipe under spec. 934-B for (1) 23,840 ft. 12-in. No. 10 gauge and (2) 1320 ft. 14-in. No. 10 pipe, f. o. b. bidder's works, were:

Baker Iron Works—(1) \$1.42 ft., (2) \$1.58 ft.; lump sum, \$35,938.40; delivery as per spec.
Lacy Mfg. Co.—(1) \$1.35 ft., (2) \$1.60 ft.; lump sum, \$34,236; delivery, commence in 15 days from date of award, compl. in 30 days.

Western Pipe & Steel Co.—(1) \$1.43, (2) \$1.63; lump sum, \$36,242; delivery, compl. in 30 days.

L. A. Mfg. Co. (1) \$1.42, (2) \$1.59; lump sum, \$35,951.61; delivery, start in 45 days, compl. in 90 days.

Haynes, O'Quinn & Haynes, lump sum only, \$52,000 initial delivery.
West Coast Pipe & Steel Co.—lump sum, \$32,000; delivery, commence in 60 days, compl. in 60 days thereafter.

LOS ANGELES, Cal.—Fairbanks-Morse & Co., 427 E 3rd St., sub. low bid to pub. serv. comm. at \$6.35 per C ft. for 100,000 ft. 3-in. diam. wrought steel pipe. Other bids: Crane Co., \$6389; Associated Supply Co., \$643; Busch Pipe & Supply Co., \$644; Pac. Pipe & Supply Co., \$64492; U. S. Steel Prod. Co., \$645; Republic Supply Co., \$644; Pac. Pipe & Supply Co., \$64492; N. O. Nelson Mfg. Co., \$647; Thos. Haverty Co., \$659.

Baker Iron Works, 912 N Broadway low at \$1200 for 1000 pcs. riv. sheet steel pipe No. 16 gauge, spec. W-325. Lacy Mfg. Co. bid \$1045.

SEWAGE DISPOSAL PLANTS

PORTERVILLE, Tulare Co., Cal.—Proceedings started for election to vote bond issue for sewage disposal plant. Final plans of Currie Engrs., 44 Alhambra, show cost at \$50,000. State bd. of health has ordered the work.

BLTYHE, Cal.—Council declares intention to const. sewage pumping stat., consisting of reinf. conc. pump, two 4-in. electric sewage pumps, switches, wiring, connections, etc., 100 ft. long, 6-in. vit. pipe sewers, the latter to be const. in Donlon St. Main St., and other sts.; 1911 act. Marie Crenshaw, city clerk.

DOS PALOS, Merced Co., Cal.—Consulting Eng. W. E. Bedesen, Merced, completed plans for a sewer sys. and treatment plant for the Dos Palos Sanitary Dist., involv. treatment plant on Branch Canal No. 2 (Imhoff tank with sprinkling filter sys. to serve 1000 population), const. of lateral sys. and main outfall. Election will be called soon to vote on bond issue for this work.

LOS ANGELES, Cal.—L. A. Harbor comm. proposes to install sewage pumping equip. costing bet. \$12,000 and \$20,000 at Fish harbor to handle refuse of the canneries in this dist. Pump is to handle at least 5000 gal. per min.

WATER WORKS

MANHATTAN BEACH, Cal.—Proceedings to be started at once for election to vote bonds to cover cost of water mains, R. J. Kahn, sup. of sts., estimates cost of necessary work, \$12,000.

PISMO BEACH, Cal.—Engrs. Black & Veatch, 617 Ferguson Bldg., Los Angeles, preparing plans for a water supply and distrib. sys. for Pismo Hts.

HAWTHORNE, Cal.—D. M. Stanley, Gen. Del., Hawthorne, awarded cont. by city at \$19,385.01 for water mains (riv. sheet steel pipe), etc., in the Burleigh Dist., s. of Ballona Ave.

NEWPORT BEACH, Cal.—Bids will be advertised about Dec. 15, for a water system for Corona Del Mar, etc., to cost \$320,000. Plans include a pumping plant, 2 reservoirs of 1,000,000 gal. cap., and complete distrib. sys. The pumping plant will be housed in a brick, steel and tile, fireproof struc., and will consist of 2 twin Diesel Engines with a cap. of 800-gal. per min. ea. Mains and laterals will be of C. I. pipe. J. A. K. Engrs., 11 W. Heinman Bldg., Los Angeles, city engineer.

SANTA BARBARA, Cal.—City Mgr. Herbert Nunn and Victor E. Trace of water dept., authorized by city to call for bids for material and equip. for water imprvts., totaling about \$250,000. Of this sum \$1000 will be expended on Outlet Reservoir No. 1, \$10,000 on new services and metres, and a large part of balance for water mains.

POMONA, Cal.—City trustees plan municipal water sys. in accordance with preliminary plans and estimates by F. C. Froehde, city engr.

BUCKEYE, Ariz.—The \$200,000 bond issue of the Buckeye water conservation and drainage dist. carried at recent election. Portion of the proceeds will be used for const. of drainage canals and headworks on the Gila river.

FLAGSTAFF, Ariz.—Dec. 30 is date set for \$475,000 bond election for new waterworks sys., paymt. for existing sys. and other imprvts., to serve 1000 population; const. of lateral sys. C. T. Pulliam, town clerk.

MERCED, Merced Co., Cal.—Until Dec. 16, 10 a. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, to fur. valves required in the construction of the Excelsior Dam and Power House, as follows:

Two 48x60-in. slide gates for 265-ft. head.
Two 75x96-in. slide gates for 290-ft. head.
Two 60-in. needle type valves for 265-ft. head.
Two 96-in. inlet 290-ft. head needle type penstock valves.
Two 96-in. pivot valves (alternative).
Two 96-in. inlet 290-ft. head needle type discharge valves.
Two 96-in. hydraulic balanced valves (alternative).
Sec. call for bids under official proposal section in this issue.

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TUOLUMNE, Cal.—Following bids rec. Nov. 28 by U. S. Bureau of Public Roads: 9 Main St., San Francisco, to const. Sonora-Long Barn Natl Forest Highway, Tuolumne county, located about 8-mi. east of Sonora, 12.6 mi. in length; incl. 70 acres clearing; 85 cu. yds. excavation; 186 cu. yds. A and 240 cu. yds. C conc.; 15,400 lbs. rein. steel; 4350 lin. ft. corr. metal pipe; 23,300 cu. yds. crushed rock surfacing (optional); (a) Govt. fur. explosives, \$87,726; (b) conf. fur. explosives, \$83,476; surfacing \$102,-500.

J. L. Baldwin, San Francisco, (a) \$89,-890; (b) \$85,648; surfacing, \$74,825. Blumenkranz and Vernon, Stockton (a) \$91,594.50; (b) \$87,344.50; surfacing, \$94,530.

Chas. Willis & Son, Los Angeles, (a) \$95,556; (b) \$91,306; surfacing, \$80,150.

Arris-Knap, Oakland, (a) \$96,183.50; (b) \$93,350; surfacing \$102,895.

Young and Heaney, Los Angeles, (a) \$96,428; (b) \$93,028; surfacing, \$107,185.

Isbell Const. Co., Fresno, (a) \$98,385 (b) \$94,135; surfacing, \$96,040.

Williams & Singletary, Colton, Calif., (a) \$104,100; (b) \$99,850; surfacing, \$93,835.

Jas. Hogan, Grants Pass, Ore., (a) \$118,260.00; (b) \$114,016.20; surfacing, \$101,245.

C. E. Crowley, Los Angeles, (a) \$116,010.60; (b) \$107,510.60; surfacing \$100,285.

A. J. J. L. Fairbanks, San Francisco (a) \$116,881.90; (b) \$112,131.90, surfacing, \$105,595.

P. L. Burr, San Francisco, (a) \$119,447; (b) \$115,197; surfacing, \$84,295.

Engineer's estimate, (a) \$105,395.50; (b) \$110,070.50; surfacing, \$89,175.

FRESNO, Fresno Co., Cal.—Improvements costing \$350,000 are planned in road District Improvements Nos. 5, 6 and 7; plans for the work have been prepared by M. Jensen, have been approved by the supervisors which will provide a paved road from the S. P. tracks at Van Ness Ave., on the south to Shields Ave., on the north. The improvement involves: pave full width of southern end of Van Ness Ave., 52 feet wide; const. walks and curbs on east side of South Van Ness; const. sec. shoulders to serve industrial sec. on west side; install electroliters and conduits; const. storm sewers with a siphon under S. P. to dump storm water onto city property; pave Van Ness Ave. full width from city limits to Shields Ave.; pave Hampton way from Maroa to Palm Ave.; pave Palm Ave. from Hampton way to Shaw Ave.; pave Maroa to Shaw Ave.; pave Shaw Ave. Blackstone to Palm Ave.; const. drainage system for storm waters. Construction of a subway under the Santa Fe in Van Ness Ave. will be definitely be included in the plans and specifications adopted. Bids for the work will be asked about Dec. 20.

STOCKTON, San Joaquin Co., Cal.—J. H. Cupps, San Francisco, at \$10,459.50 awarded const. by supervisors to gravel roads in "Turkey Gardens Farms Tract." Other bidders: B. E. Tremain, \$12,646; Will Moreland, \$12,110; Seppie and Collins, \$12,823.

WATTS, Cal.—City Eng. H. R. Postle completes spec. to pave Main and Morton Sts. and portions of other sts. with 6-in. conc. base and 2-in. asph. conc. surface, 4-in. conc. base and 2-in. asph. conc. surface, 6-in. conc. pave; 1915 act.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Carmel St., Morgan Ave., California St. and certain sewer rights of way in "Hopkins Town & Acres" and Maple Terrace Tracts, involv. const. sewers, lampholes, wye branches and manholes. 1911 Act. Protests Dec. 18. W. W. Harmon, city engineer.

EL MONTE, Cal.—City plans to pave Main St. with 8-in. concr. County will bear part of the cost. O. A. Gierlich, city engineer.

MANHATTAN BEACH, Cal.—City trustees declare int. to const. curb, conc. stairways, storm drains, 15-ft. walk, ornam. lights, in portions of the Strand, 31st St., 34th St., Rosecrans Ave.; 1911 act. Llewellyn Price, city clk.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor Geo. A. Kneese instructed to prepare spec. for lateral connecting Burlingame with Skeline Blvd. Road will be extension of Hillside Drive.

PASADENA, Cal.—Until 10 A. M., Dec. 9, bids will be rec. for cem. curb, pave in Bunnell Alley, bet. Brainerd Alley and Union St., 1911 act. Bessie Chamberlain, City Clerk.

LONG BEACH, Cal.—Council declares inten. to imp. under 1911 act: Alley e. of Lewis Ave., bet. New York and Anaheim Sts.; 6-in. concr. pave.

Loma Ave., bet. Ocean Blvd. and 7th St.; curbs, walks, gut., 6-in. vit. hse. conc., 10-in. cem. storm drain.

9th St., bet. American and Atlantic Aves.; curbs, walks, 6-in. cem. concr. pave.

SAN LUIS OBISPO, Cal.—City council petitioned to imp. Palm St. bet. S. P. Right of way and Monterey St.; temporary grading and graveling is proposed.

INGLEWOOD, Cal.—Geo. H. Oswald, 366 E. 58th St., Los Angeles, awarded const. at \$64,988 to imp. Oak St. and six other sts., involv. 500,286 sq. ft. grade 2c ft., 2405 ft. 18-in. curb 55c ft., 16,064 ft. 15-in. curb 50c ft., 3214 sq. ft. gut., 26c ft., 18,361 sq. ft. 5-in. gut. 19c ft., 79,290 sq. ft. walk 16c ft., 258,350 sq. ft. 5-in. mac. pave. 10c ft., 23,960 sq. ft. class B oiling 3.5c ft., 95 3/4-in. water serv. \$12 ea., 2-in. water serv. \$31 ea., one catch basin, \$16.

SAN LEANDRO, Alameda Co., Cal.—Until Dec. 15, 8 p. m., bids will be rec. by J. J. Gill, city clerk, to const. 6-in. sewer in Parrott St. from existing manhole in Park St. to Carpenter St.; 1 manhole with wye branches; house sewers. 1911 Act. Cert. check 10% payable to city reg. Plans on file in office of clerk and office of R. M. Goodwin, 579 25th St., Oakland.

BAKERSFIELD, Kern Co., Cal.—Until Dec. 15, 5 p. m., bids will be rec. by V. Van Ripper, city clerk, (No. 502) to imp. portions of Baker, Bernard, Jefferson, Lincoln Sts., involv. const. cem. conc. curbs and walks. (Imp. St. Dec. 502.) 1911 Act & Bond Act 1915. Cert. check 10% payable to city reg. Plans on file in office of clerk. W. D. Clarke, city eng.

FULLERTON, Cal.—Until 7:30 p. m., Dec. 9, bids will be rec. to const. sewer flush tanks, lamp holes, manholes, etc. in West Malvern Ave., Leland Dr., N Woods Ave., N Lois Lane, and portions of other sts.; W. C. Record, city engr. P. C. Hezmalhach, city clerk.

COMPTON, Cal.—Geo. H. Oswald, 366 E. 58th St. awarded const. by city for imp. Arabe Ave., involv. 68,818 sq. ft. 5-in. conc. pave. 16.5c ft., 375 ft. 4-in. c.i. water main \$1.50 ft., 1285 ft. 6-in. c.i. water main \$1.90.

SAN FRANCISCO—Until Dec. 10, 3 P. M., bids will be rec. by Board of Public Works for following street improvements:

Maynard bet. Mission and Gordon Sts., where not already improved, involv. 6-in. conc. base 2-in. asph. surface pavement; granite curbs; art stone walks.

Vulcan St., bet. Ord and Levant Sts., involv. grading; const. rein. conc. stairways, landings, copings; storm water inlet with 10-in. ironstone pipe culvert with broken rock sump; pipe railings.

25th St. bet. Rhode Island and Vermont Sts., etc., const. conc. curbs; reset granite curbs; const. 3 br. catchbasins; 10-in. ironstone pipe culverts; asph. conc. pavement; art. stone walks; conc. pavement.

Tucker Ave. bet. Alpha and Rutland Sts., involv. 8-in. ironstone sewer with 62 wye branches, 3 lampholes and 3 br. manholes.

Jarvis Ave. bet. Folsom and Gates Sts., involv. const. conc. curbs; asph. conc. pavement.

Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

PATTERSON, Stanislaus Co., Cal.—City trustees plan to pave several streets. Bids of pavement yet to be selected. W. R. Sherman, engineer, Newman, Calif.

LYNWOOD, Cal.—Hall-Johnson Co., 2025 Fowler St., Long Beach, sub. low bid to city at \$40,828 for oil mac. pave, etc. in Lynwood Rd., Louise St., Burton Ave. etc., involv. 157,150 sq. ft. grade, 1.6c ft.; 157,150 sq. ft. 4-in. oil mac. pave, 1.2c ft.; 66,560 sq. ft. walk, 17c ft.; 24,825 sq. ft. gut. 28c ft.; 13,770 ft. curb.

SEAL BEACH, Cal.—Council declares inten. for 6-in. concr. pave, etc., in Bay Blvd., bet. Electric Ave. and n. e. line of lot 35 blk. 217, Tr. No. 10; 1911 act. Ollie B. Padrick, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor Geo. A. Kneese preparing spec. to imp. streets in vicinity of San Bruno Ave. and county line; work under 1921 county road act. Includes Schwerin, Walbridge, Acala and Orienta Sts.; conc. curbs; 2-in. Durite asph. conc. surface with 4-in. macadam base.

WHITTIER, Cal.—City trustees declare inten. to const. curb, walk, 6-in. conc. pave. in Court Ave., bet. Hillview Ct. and Hadley St.; 1911 act. Paul Gilmore, city clk.

SAN FRANCISCO—Until Dec. 10, 3 P. M., bids will be rec. by Board of Public Works to imp:

Crossing of Newhall and Palo Ave., involv. grading; const. conc. curbs; art. stone walks; br. catchbasins and 10-in. ironstone pipe culverts; asph. conc. pavement.

Arta Ave. bet. San Bruno Ave. and Delto St., involv. art. stone walks.

22nd Ave. bet. Santiago and Taraval Sts., involv. const. of conc. curbs; asph. conc. pavement.

N. 2d, Kirkham St. (portions of) involv. const. conc. curbs; asph. conc. pavement.

Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

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SAN BERNARDINO, Cal.—Until 7:30 p. m. Dec. 8, bids will be rec. for 4-in. asphalt concrete base, 14 Kuba St., bet. 33d & 34th St. W. of Mc Vernon Ave. and King St. 1911 act. J. H. Osborn, city clerk.

RIVERSIDE, Cal.—Until 9:30 a. m. Dec. 9, bids will be rec. for sewer, manholes, etc. in Van Buren St., bet. Miller St. and Lombard St. 1911 act. C. L. Burns, city clerk.

VENTURA, Cal.—Until Dec. 8, bids will be rec. for certain drainage work, namely, 2110 ft. 36-in. and 1340 ft. 48-in. reinf. conc. pipe, 14.75 cu. yds. plain conc., 26.3 cu. yds. plain conc. & W. P. concrete, city engr. Work to be done under 1911 and 1915 acts.

STOCKTON, San Joaquin Co., Cal.—A. E. Downer, 1 20th St., Richmond, at \$2255 awarded cont. by council to construct storm water sewers in Sutter St., bet. Weber Ave. and Market St., and in Market St. bet. Sutter and San Joaquin Streets.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares intention to imp. 9th St., bet. Julian and Washington Sts., involv. grading; pave with 1½-in. Durite asphalt. conc. surface on 3-in. Durite asphalt. conc. base; hyd. cem. conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Dec. 15. Wm. Popp, city eng.

SANTA BARBARA, Cal.—Council declares intent. to const. combined conc. curb and gut. curb returns, curb, cross gut., conc. driveways, catch basins, 18-in., 24-in. and 36-in. reinf. conc. storm drains, conc. headwalls, in Paseo Del Refugio, Paseo Tranquillo and other streets. 1911 act. S. M. Taggart, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares intention to imp. Old Market St., bet. Julian and Bassett Sts., involv. const. hyd. cem. conc. walks, curbs and gutters. 1911 Act & Bond Act 1915. Protests Dec. 15. Wm. Popp, city eng.

HUNTINGTON BEACH, Cal.—Until 1:30 p. m., Dec. 15, bids will be rec. to pave with 1½-in. asphalt. conc. (Topeka) pave, on 3½-in. asphalt. conc. base, walks, curbs, corr. gait. iron culv., 20 post ornam. light. sys., in Walnut Ave., bet. First and 11th Sts. Plans on file at office of City Engr. E. M. Billings. W. R. Wright, city clerk.

PASADENA, Cal.—C. F. Mathews, 221 Braly Bldg., Pasadena, awarded cont. by city at \$26,320 for 2-in. mac. curb. and walks, and storm drain in Old Mill Rd., bet. El Molino and Oak Knoll Aves.

PASADENA, Cal.—Ralph E. Welch, 416 S West St., Anaheim, awarded cont. by city at \$16,174 for walk, curb, gut., culv. in Del Monte St., bet. Glen Ave. and Arroyo Blvd.

OAKLAND, Cal.—Council, E. K. Sturges, clerk, declares intent. to imp. Florio portions of College & Claremont Aves., adjacent to Florio St., involv. grading; const. curbs, gutters, walks; pave; storm water inlet; conduits. 1911 Act. Protests Dec. 24. W. W. Harmon, city engineer.

SANTA BARBARA, Cal.—A. L. Pendola, 1709 Chapala St., Santa Barbara, awarded cont. by city to imp. Chapala St., bet. Cabrillo Blvd. and Yanonali St. in Ambassador Tr., at 22.75 sq. ft., 1½-in. asphalt. conc. pave on 5-in. cem. conc. base, \$1.10 ft. combined curb and gut. 3-ft. wide, \$1.75 ft. combined curb and gut. 4½-ft. wide, 60 ft. curb, 23c sq. ft. gut., 25c ft. reset stone curb, 17c sq. ft. walk, \$240 sewer compl., \$20 ea. house con.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares intention to imp. Harliss Ave., bet. Willow and Virginia Sts., involv. const. hyd. cem. conc. walks, curb and gutter. 1911 Act & Bond Act 1915. Protests Dec. 15. Wm. Popp, city eng.

NAPA, Napa Co., Cal.—R. E. Errington, Napa, awarded cont. by council to imp. (a18) Clark St., bet. Juarez and Dewdney Sts., involv. 330 cu. yds. grading, \$30; 12,443 sq. ft. 6-in. asphalt. macadam pave, \$67; 576 ft. curb, \$50; 3 catchbasins, \$40; 1 manhole, \$50.

LONG BEACH, Cal.—Council declares intent. to const. curbs, walks, gut., cem. conc. and corr. iron culv., 6-in. conc. pave in Ximeno Ave., bet. 4th St. and Long Beach Dr.; 1911 act. R. D. Van Alstine, city engr. H. C. Waughop, city clerk.

SANTA MONICA, Cal.—Until 10 a. m. Dec. 11, bids will be rec. to pave Fifth St., bet. Bay and Strand Sts. and Pacific St., bet. 4th and 5th Sts., involv. bitul. pave. on asphalt. conc. base, sewer, c. water mains. 1911 act. Howard B. Carter, city engr.

SAN ANSELMO, Marin Co., Cal.—Galbraith and Janes, Napa, awarded cont. by town trustees to imp. (No. 59) Humboldt Ave. for its entire length and Pothill Ave., bet. Humboldt and Pothill Aves., involv. grading; const. conc. catchbasins; corr. iron pipe culverts with conc. headwalls and cleanouts; hyd. conc. pave.

SANTA BARBARA, Cal.—A. L. Pendola, 1709 Chapala St., Santa Barbara, awarded cont. by council to imp. Chapala St., bet. Cabrillo Blvd. and Yanonali St., at 22.75 sq. ft. 1½-in. asphalt. conc. pave on 5-in. cem. conc. base, \$1.10 ft. comb. curb and gut. 4-ft. wide, \$1.75 ft. comb. curb and gut. 4½-ft. wide, 60 ft. curb, 23c sq. ft. gut., 25c ft. reset stone curb, 17c sq. ft. walk, \$240 sewer compl., \$20 ea. hse. conn. Total bid \$14,740.

LOS ANGELES, Cal.—City has employed D. L. Reaburn as consulting engr. for const. of new \$1,000,000 Beverly Blvd. imp. to the ocean.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 22, bids will be rec. by supervisors to imp. Chas. H. Fox road from Lodi-Hartford road to Waterloo rd. Plans on file in office of Eugene Graham, county clerk. F. E. Quall, county surveyor.

RIVERSIDE, Cal.—Until 10 a. m., Dec. 15, bids will be rec. by supervisors for imp. work near Palm Springs, R. D. I. No. 14, involv. 6054 cu. yds. excav., 230,535 sq. ft. 5-in. pave, 55,568 sq. ft. resurfacing, 12,871.3 lin. ft. curb and gut., 60 lin. ft. corr. iron pipe, 193 cu. yds. conc., and 41.66 lbs. steel in end walls, 116 lin. ft. 36-in. x 6-in. conc. curb, cert. check or bond 10%. D. C. Clayton, clk. Davidson & Fulmer, 646 W 7th St., Riverside, engr.

BREA, Cal.—Election will be held on Jan. 5 to vote on a \$60,000 sewer bond issue.

SAN ANSELMO, Marin Co., Cal.—Due to error in advertising, town trustees returned bids unopened, to const. san. sewer with culverts in portions of Calumet Ave., including bulkhead, br. and conc. manholes. New bids will be asked at once. Arthur W. Studley, town clerk.

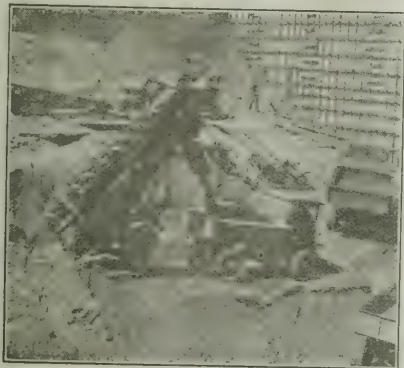
SEATTLE, Wash.—L. Romano, 123 Third Ave. South, at \$175,937 awarded cont. by Bd. Pub. Wks. to const. approaches 12th Ave. South, bridge.

WHITTIER, Cal.—Geo. A. Simpson, Olson Bldg., Burbank, awarded cont. by city at \$10,977 for 7-in. conc. pave, etc. in Constock Ave., bet. Philadelphia and College Sts.

ALAMEDA, Alameda Co., Cal.—City council, W. E. Varcoe, clerk, declares intent. (No. 74) to imp. Bay Island Ave. bet. Regent and Pearl Sts., involv. grading; const. conc. curbs, gutters, gutter bridges and walks; corr. iron culverts; pave with 6-in. oil macadam. 1911 Act. Protests Jan. 6.

RICHMOND, Contra Costa Co., Cal.—Bond issue for \$350,000 is proposed to finance construction of Municipal Wharf No. 2 on the Inner Harbor. E. A. Hoffman, city engineer.

Barber Greene Model 42 Loader



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San Francisco

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

4943	Smith	Owner	5000
4944	Berggia	Salamon	3000
4945	Miller	Jenkins	2917
4946	Bockringer	Sullivan	7000
4947	Robert	Halsen	3000
4948	Turrin	Owner	3500
4949	Castagno	Owner	2900
4950	Anderson	Owner	12000
4951	Norton	Olson	13524
4952	Robert	Holsen	4720
4953	Mullally	Andersen	1500
4954	Jacobson	Parker	2226
4955	Hougaard	Mattock	22319
4956	De Benedetti	Owner	3000
4957	Arnott	Arnott	6000
4958	Briggs	Evans	3000
4959	Huetter	Boxton	20000
4960	Lindeman	Owner	25000
4961	Christiansen	Sampson	35000
4962	Hayward	Owner	18000
4963	McDonald	Ideal	17200
4964	Lane	Owner	6500
4965	Crocker	Owner	4300
4966	Crocker	Owner	3800
4967	Crocker	Owner	15000
4968	Holmgren	Owner	15000
4969	Hansen	Owner	22500
4970	Fabre	Ralston	14750
4971	Skoll	Owner	3000
4972	Robertson	Taylor	20000
4973	San Francisco	Gompertz	12000
4974	Center	Owner	3000
4975	Thomas	Owner	3000
4976	De Benedetti	Owner	3000
4977	Dobert	Owner	2000
4978	Kronquist	Owner	5000
4979	Heglin	Owner	3500
4980	Hancock	Jenkins	633
4981	Anderson	Grossman	3500
4982	Art Iron	Owner	4800
4983	Heglin	Owner	3500
4984	Worm	Schneider	2000
4985	Hobart	Ohlson	4000
4986	Nelson	Owner	4000
4987	McGillvray	Wagner	1500
4988	Moss	Barrett	10000
4989	Gerlardi	Ennis	18000
4990	Doo	Sartorio	13573
4991	Homes	Papenhausen	18309
4992	Marcantelli	Stonson	4000
4993	Mardelchon	Owner	5000
4994	Newman	Roser	2000
4995	Coleman	Owner	2500
4996	Gibson	Owner	6000

4997	Campbell	Owner	3000
4998	Anderson	Owner	3000
4999	Lally	Mitchell	8000
5000	Cunco	Owner	10000
5001	Knox	Owner	2500
5002	Brown	Owner	17350
5003	Saretto	Low	3409
5004	Eldridge	Thompson	2000
5005	Laib	Owner	1000
5006	Kleinsorg	Owner	3000
5007	Brown	Hoskinson	2500
5008	Huff	Binet	8000
5009	Torres	Meyer	7500
5010	Johnson	Owner	4000
5011	Meoni	Owner	3000
5012	Kleinsorg	Owner	1300
5013	De Martini	Owner	9000
5014	Hinkel	Owner	3000
5015	George	Schwartz	3000
5016	Morris	Owner	6000
5017	Broadway	Hansen	3000
5018	St. Cailleaud	Johnson	28000
5019	Lang	Devenenzi	12000
5020	Prato	Stock	25000
5021	Hoffman	Helbing	60000
5022	Hunt	Neal	16600
5023	Hills	Bender	2348
5024	Hills	Furlong	23750
5025	Lick	Moren	9100
5026	Ten	Crichton	6250
5027	Benjamin	Owner	7500
5028	Pierce	Miller	3000
5029	Martin	Arras	7000
5030	Atorio	Owner	2750
5031	Grimal	Owner	2000
5032	Johnson	Owner	3850
5033	Olson	Hoover	3000
5034	Hargrave	Owner	3000
5035	Brady	Owner	6000
5036	12200	Same	5500
5037	Shanahan	Owner	28000
5038	Same	Owner	16000
5039	Sbarboro	Heden	15120
5040	Same	Evans	12000
5041	Seabark	Brinfield	11275
5042	Briggs	Arnott	1000
5043	Hicks		
5044	McCarthy		

DWELLING
(4943) N ENTRADA COURT 194 W
Borica, One-story and basement
frame dwelling.
Owner—C. M. Smith, 1612 McAllister
St., San Francisco.
Architect—Ida F. McCain, Burlingame.
\$5000

REPAIRS
(4944) NO. 714 FRANKLIN ST. Re-
pair fire damage; tar and gravel
roofing.

Owner—L. Berggia, Premises.
Architect—None.
Contractor—L. Salamon, 1430 Ellis St.,
San Francisco. \$3000

ALTERATIONS
(4945) NO. 106 LOWER TERRACE.
Move residence; construct founda-
tion; underpinning, etc.
Owner—Gussie I. Miller, 196 Lower
Terrace, San Francisco.
Architect—Lewis M. Gardner, 742 Pine
St., San Francisco.
Contractor—Jenkins & Gross, 3360
Market St., San Francisco. \$2917

FLATS
(4946) W BRYANT 208 S Twenty-third
St. Two-story and basement frame
(2) flats.
Owner—Miss F. Bochringer, 846 Capp
St., San Francisco.
Architect—None.
Contractor—T. D. Sullivan, 969 Hamp-
shire St., San Francisco. \$7000

DWELLING
(4947) E TWENTY-NINTH AVE 250
S Taraval. One-story and base-
ment frame dwelling.
Owner—E. J. Robert.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.
Architect—A. Hansen, 37 Fair Ave., San
Francisco. \$3000

DWELLING
(4948) E BRIGHTON AVE 275 S Hol-
loway. One-story and basement
frame dwelling.
Owner—Caesar Turrin, 119 Brighton
Ave., San Francisco. \$3500
Plans by Owner.

APARTMENTS
(4949) N VALLEJO 150 W LARKIN.
Three-story and basement frame
(5) apartments.
Owner—Gussie Castagno, 557A
Greenwich Ave., S. F.
Architect—Ida Zanolini, 604 Mont-
gomery St., S. F. \$22,000

FLATS (2)
(4950) W 17TH AVE. 100 & 125 S IR-
ving. Two 2-story and basement
frame flats (2 flats in each bldg.).
Owner—S. R. Anderson, 1433 7th Ave.,
San Francisco. \$6000 ca.
Architect—None.

STOCKHOLDERS AUXILIARY CORP.

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GARAGE BUILDINGS

(4952) NW GILBERT 247-6 E LAHUNA
S 27-6 x N 85. One-story and basement
dwelling. Owner—Jas. J. & Mary Mullally, 2861
Octavia St., S. F.
Contractor—J. M. Andersen, 1612 Pacific
Ave., S. F.

Filed Nov. 26, 1924. Dated Nov. 14, 1924.
Frame up \$1153
Roof on 1125
Completed and accepted 1125
Usual 35 days 1125
TOTAL COST, \$4500
Bond, none. Sureties, none. Forfeit,
none. Limit, 90 days. Plans and specifications
filed.

DWELLING
(4953) E 27-6 x N 85. One-story and basement
dwelling. Owner—Jas. J. & Mary Mullally, 2861
Octavia St., S. F.
Contractor—J. M. Andersen, 1612 Pacific
Ave., S. F.

Filed Nov. 26, 1924. Dated Nov. 14, 1924.
Frame up \$1153
Roof on 1125
Completed and accepted 1125
Usual 35 days 1125
TOTAL COST, \$4500
Bond, none. Sureties, none. Forfeit,
none. Limit, 90 days. Plans and specifications
filed.

DWELLING
(4954) LOT 3 BLK 3250 BALBOA
Terrace. Two-story and basement
frame dwelling and garage.
Owner—Louis R. & Ivy M. Jacobson.
Architect—Henry H. Gutterston, 526
Powell St., S. F.

Contractor—C. F. Parker, 251 Kearny
St., S. F.
Filed Nov. 26, 1924. Dated Nov. 26, 1924.
Payments on 1st of each mo. 75%
Usual 35 days 25%
TOTAL COST, \$3226
Bond, none. Sureties, none. Forfeit,
\$3. Limit, 100 days. Plans and specifications
filed.

DWELLING
(4955) LOT 1 BLK 19 ST. FRANCIS
Wood. Two-story and basement
frame dwelling.
Owner—Mrs. Edith E. Hougard.
Architect—Henry H. Gutterston, 526
Powell St., S. F.

Contractor—Matlock & Feasey, 251
Kearny St., S. F.
Filed Nov. 26, 1924. Dated Nov. 26, 1924.
Payments on 1st of each mo. 75%
Usual 35 days 25%
TOTAL COST, \$22,319
Bond, \$3. Sureties, none. Forfeit, \$3.
Architect—None. \$3000

DWELLING
(4956) S BAUER 275 E MISSION. 1-
story and basement frame dwlg.
Owner—A. DeBenedetti, 22 Cotter St.,
San Francisco.
Architect—None. \$3000

DWELLINGS
(4957) E THIRTY-FOURTH AVE.
205-8 and 232-1 N Taraval. Two
1-story and basement frame dwellings.
Owner—James A. Arnott, 235 Gran-
ville Way, S. F.
Architect—None. \$3000 each

DWELLING
(4958) NW 24TH AVE. 225 S TARAVALL
S 25 x E 129. One-story and basement
frame dwelling.
Owner—Edw. J. & Clara M. Robert, 147
Fair Oaks Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th
St., S. F.

Contractor—Arvid Halsen, 37 Fair Ave.,
San Francisco.
Filed Nov. 26, 1924. Dated Nov. 22, 1924.
Roof sheathing on \$1187.50
Brown coated 1187.50
Completed and accepted 1187.50
Usual 35 days 1187.50
TOTAL COST, \$4750
Bond, \$2375. Sureties, Jos. Rolando &
T. J. O'Brien. Forfeit, none. Limit,
90 days. Plans and specifications filed.

DWELLING
(4959) NW 24TH AVE. & FULTON.
Three-story and basement frame
(3) apartments.
Owner—H. O. Lindeman, 619 27th Ave.,
San Francisco.
Architect—None. \$20,000

APARTMENTS
(4960) SE SCOTT & UNION STREETS.
Three-story and basement frame
(6) apartments.
Owner—Christiansen Bros., 518 25th
Ave., S. F.
Architect—None. \$25,000

FLATS & STORE
(4961) N GEARY 27-53 W BOYCE
Two-story frame (4) flats and
store.
Owner—Warren E. Hayward, % archi-
tects.
Architect—Ashley & Evers, 58 Sutter
St., S. F.

Contractor—J. S. Sampson Co., Monad-
nock Bldg., S. F. \$35,000

FLATS (2)
(4962) N BALBOA 32-6 & 32-6 W 17TH
Ave. Two 2-story and basement
frame buildings (2) flats each.
Owner—Wm. McDonald, 6140 Geary St.,
San Francisco.
Architect—None. \$8000 each

DWELLINGS (4)
(4963) E COLLINGWOOD 75, 100, 125
& 160 S 25th Ave. Four 1-story
and basement frame dwellings.
Owner—John J. Lane and Ella E. Lane
421 Collingwood St., S. F.
Designer—O. A. Boehm, 896 1/2 Steiner
St., S. F.

Contractor—Ideal Building Co., 596 1/2
Steiner St., S. F. \$4300 each

DWELLING
(4964) NW DRAKE & PRAGUE. One-
story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crock-
er Bldg., S. F.
Architect—None. \$6500

DWELLING
(4965) W DRAKE 50 N WINDING
Way. Two-story and basement
frame dwelling.
Owner—Crocker Estate Co., 525 Crock-
er Bldg., S. F.
Architect—None. \$4300

DWELLING
(4966) N BALTIMORE 166 E NAY-
lor. One-story and basement
frame dwelling.
Owner—Crocker Estate Co., 525 Crock-
er Bldg., S. F.
Architect—None. \$3800

DWELLINGS (5)
(4967) E FLORENTINE 200, 225 N
Morse. E Allison 225, 250 & 300 S
Cross. Five 1-story and basement
frame dwellings.
Owner—Victor Holmgren, 5485 Mission
St., S. F.
Architect—None. \$3000 ea.

DWELLINGS (5)
(4968) W CAPISTRANO 125, 150, 175
200 & 225 S San Juan Ave. Five
1-story and basement frame dwlg.
Owner—Walter E. Hansen, 485 Capis-
trano, S. F.
Architect—None. \$3000 ea.

APARTMENTS
(4969) N PINE 112-6 E TAYLOR.
Three-story and basement frame
(12) apartments.
Owner—Fabre & Hildebrand, 110 Sut-
ter St., S. F.
Architect—Fabre & Hildebrand, 110
Sutter St., S. F. \$22,500

ALTERATIONS
(4968) 1192 O'FARRELL ST. Alter-
ations for apartments.
Owner—George H. Briggs and Blanche
P. Briggs, his wife, premises.
Architects and Contractors—Evans &
Co., 359 Pacific Bldg., S. F. \$3000

DWELLINGS (5)
(4969) W SAN LEANDRO 40, 80, 120
& 160 S Darien. Five 1-story and
basement frame dwellings.
Owner—E. C. & O. M. Hueter, 806 Flat-
iron Bldg., S. F.
Architect—C. G. Stoner, 1st National
Bang Bldg., S. F.
Contractor—Boxton & Zwieg, Flatiron
Bldg., S. F. \$6000 each

REPAIRS
(4973) INGLESIDE DISTRICT—WEST
of Junipero Serra Blvd. Repair
fire damage to club house.
Owner—San Francisco Golf & Country
Club, premises.
Architect—Geo. W. Kelham, Sharon
Bldg., S. F.
Contractor—Taylor & Jackson, 290 Te-
hama St., S. F. \$20,000

PLANT
(4974) E VERMONT 100 N 17TH. One-
story concrete battery plant.
Owner—The John Center Co., 810 Bal-
boa Bldg., S. F.
Architect—None.
Contractor—Chas. W. Gompertz, 810
Balboa Bldg., S. F. \$12,000

DWELLING
(4975) NW MADRID 150 SW France.
1-story and basement frame dwlg.
Owner—Ben Thompson, 540 Laidley St.,
San Francisco.
Architect—None. \$3000

DWELLING
(4976) S BAUER 275 E Mission. 1-
story and basement frame dwelling
Owner—A. DeBenedetti, 22 Cotter St.,
San Francisco.
Architect—None. \$3000

DWELLING
(4977) E EDNA 50 S Staples. 1-story
and basement frame dwelling.
Owner—Henry Dobert, 425 Avalon St.,
San Francisco.
Architect—None. \$2000

DWELLING
(4978) W HEAD 404-26 S Ashton. 1-
story and basement frame dwelling
Owner—Alfred J. Kronquist, 725 Eliza-
beth St., S. F.
Architect—None. \$5000

DWELLING
(4979) S PARK 304 W Andover. 1-
story and basement frame dwelling
Owner—J. E. Haglin, 251 Richmond Ave.,
San Francisco.
Architect—None. \$3500

MOVING, ETC.
(4980) SE RANDOLPH AND BRIGHT
No. 25 Randolph. All work for
moving, raising, foundation, grad-
ing, underpinning, steps, etc., for
1-story frame residence.
Owner—Charles Hancock, guardian es-
tate Emily Hancock.
Architect—Lewis M. Gardner, 742 Pine
St., S. F.
Contractor—Jenkins & Gross, 3360 Mar-
ket St., S. F.
Filed Nov. 28, 1924. Dated Nov. 28, 1924.
Move, underpinning in and
enclosed \$318.95
Completed and accepted 319.00
TOTAL COST, \$637.95
Bond, \$319. Sureties, G. C. Jenkins and
J. F. DeBann. Forfeit, none. Limit,
30 days. Plans and specifications filed.

FRAME BLDG.
(4981) N JOOST AVE. LOT 32, BLK. 22
All work for 1-story frame bldg.
Owner—Jas. Anderson and Edith A.
Anderson, 117 Vasquez Ave., S. F.
Architect—Plans by Contractor.
Contractor—Wm. E. Grossman, 47 Cur-
tis St., S. F.
Filed Nov. 28, 1924. Dated Nov. 27, 1924.
Roof completed \$1000
Inside plastering done 1000
Accepted 1000
Usual 35 days 500
TOTAL COST, \$3500
Bond, sureties, forfeit, limit, none.
Plans and specifications not filed.

FLATS
(4971) W 20TH AVE. 33-7 N CABRI-
lo. Two-story and basement frame
(2) flats.
Owner—L. Skoll, 179 10th Ave., S. F.
Architect—None.
Contractor—F. F. Ralston, 230 San
Antonio Way, S. F. \$14,750

DWELLING
(4972) E 26TH AVE. 175 N CABRI-
lo. Two-story and basement frame
dwelling.
Owner—John Robertson, 1517 Castro
St., S. F.
Architect—None. \$9000

ALTERATIONS

(4982) NO. 1759 UNION ST., Alter shop
Owner—Art Iron Works, Premises.
Plans by Owner. \$4800

DWELLING

(4983) S PARK 304 W Andover. One-
story and basement frame dwelling.
Owner—Ben Heglin, 251 Richland Ave.,
San Francisco.
Architect—None. \$3500

ALTERATIONS

(4984) SE HAYES AND GOUGH STS.
Remodel for store.
Owner—W. Worm, 512 Fulton St., San
Francisco.
Architect—None.

Contractor—J. Schneider, 312 Humboldt
Bank Bldg., S. F. \$2000

DWELLING

(4985) N ROLPH 150 W Naples. One-
story and basement frame dwelling.
Owner—O. S. Hobart, 728 Hayes St.,
San Francisco.
Architect—None.

Contractor—R. Ohlson & Almquist, 1460
12th Ave., San Francisco. \$4000

DWELLING

(4986) W MADRONE 146 S Taraval.
One-story, and basement frame
dwelling.

Owner—Fernando Nelson & Sons, Inc.,
Contractor—Portial Park, S. F. \$4000
Architect—None.

REPAIRS

(4987) NO. 666 TOWNSEND ST. Re-
pair fire damage to warehouse.
Owner—J. D. McGilvray, 634 Townsend
St., San Francisco.
Architect—None.

Contractor—Geo. Wagner, Inc., 181 So.
Park St., San Francisco. \$1500

ADDITION

(4988) N MINNA 175 E Fourth St.
Addition for furniture stock room.
Owner—M. L. Moss.

Architect—R. W. Jenkins.
Contractor—Barrett & Hlip, 918 Harri-
son St., San Francisco. \$10,000

FLATS

(4989) S LOMBARD 134 E Jones. Two
story and basement frame (4) flats.
Owner—P. Gelardi, 819 Lombard St.,
San Francisco.
Architect—F. Ennis Jr., 340 Eddy St.,
San Francisco.

Contractor—F. Ennis Jr., 340 Eddy St.,
San Francisco. \$18,000

APARTMENTS

(4990) N COMMERCIAL 90-3 E Kearny
E 31-6xN 58-3. All work except
window shades and electric fixtures
for three-story and basement rein-
forced concrete store and apart-
ment building.

Owner—Lee Doo, 593 Market St., S. F.
Contractor—R. W. Osborne, Bolboa
Bldg., San Francisco.

Contractor—P. Sartorio, 1849 Chestnut
St., San Francisco.

Filed Nov. 23, '24. Dated Nov. 24, '24.

Concrete all poured and roof

finished \$4526.00

Plastering completed 2260.50

Completed and accepted 3953.25

Usual 35 days 3952.25

TOTAL COST, \$13,573.00

Bond, \$6786.50. Surety, Hartford Ac-
cident & Indemnity Co. Limit, 90 days.

Forfeit, none. Plans and specifications
filed.

RESIDENCE

(4991) LOT 10 BLK 5 St. Francis
Wood. All work for frame resi-
dence.

Owner—Homes Loan Corp., 278 Post St.,
San Francisco.

Architect—Roland I. Stringham, 260
California St., San Francisco.

Contractor—Henry Papenhause, 532
Third Ave., San Francisco.

Filed Nov. 29, '24. Dated Nov. 25, '24.

Frame up \$3652.25

Brwn coated 3952.25

Completed and accepted 3952.25

Usual 35 days 3952.25

TOTAL COST, \$15,509.00

Bond, \$7904.50. Sureties, W. J. Mahoney
and C. W. Higgins. Limit, 120 days.

Forfeit, \$5. Plans and specifications
filed.

DWELLING

(4992) S BRAZIL 50 W LISBON. 2-
story and basement frame dwelling.
Owner—George Marcantelli, 260 Brazil
Ave., San Francisco.

Architect—None.
Contractor—Henry Stoneson, 141 Low-
er Terrace, S. F. \$4000

DWELLING

(4993) SW ARLETA & SAN BRUNO
Ave. 1-story and basement frame
dwelling.

Owner—Anton Mardecich, 214 Arleta
Ave., San Francisco. \$5000

Architect—William S. Mardecich, 214
Arleta Ave., S. F.

DWELLING

(4994) E JULES 72 N Holloway. 2-
story and basement frame dwelling
Owner—Mrs. Lucy Newman.

Architect—None.
Contractor—S. Roser, 176 Chattanooga
St., San Francisco. \$2000

ADDITION

(4995) SW POLK & LOMBARD STS.
4-room apartment addition.
Owner—D. Coleman, 1332 Lombard St.,
San Francisco.

Architect—None. \$2500

DWELLINGS

(4996) S NORIEGA 57-6 & 107-6 W
9th Ave. 2 1-story and basement
frame dwellings.

Owner—R. N. Gibson, 55 5th St., San
Francisco.

Architect—Willis Lowe, Monadnock
Bldg., San Francisco. \$3000 each

DWELLING

(4997) S GENEVA 180 E Athens. 1-
story and basement frame dwelling
Owner—Samuel Ebas, 5156 Mission
St., San Francisco.

Architect—None. \$3000

DWELLING

(4998) E TWENTYETH AVE. 300 N
Taraval. 1-story & basement frame
dwelling.

Owner—Herman Anderson and Claus
R. Poss, 4112 26th St., S. F.

Architect—None. \$3000

FLATS

(4999) E SANCHEZ 228 S 22ND. Two-
story and basement frame (2)
flats.

Owner—Margaret Lally, 1386 Utah St.,
San Francisco.

Architect—None.

Contractor—C. R. Mitchell, 1384 Utah
St., S. F. \$8000

FLATS

(5000) E CHURCH 106 N 17TH. Two-
story and basement frame (4) flats
Owner—Joseph S. Cuneo, 481 Church
St., S. F.

Architect—None. \$10,000

FLATS

(5001) NE CALIFORNIA & 21ST AVE
Two-story and basement frame (2)
flats.

Owner—Orrin Knox, 291 27th Avenue,
San Francisco.

Architect—None.

Contractor—Orrin Knox & Sons, 291
27th Ave., S. F. \$5500

FLATS

(5002) N WASHINGTON 100 W
Franklin. Two-story and base-
ment frame building (flats).

Owner—Ralph Brown.

Architect—Andrew H. Knoll, Hearst
Bldg., S. F.

Contractor—Larsen Siegrist, Claus
Spreckels Bldg., S. F.

Filed Dec. 1, 1924. Dated July 16, 1924.

Payments on 1st of each mo. 75%

On Completion and accepted 25%

TOTAL COST, \$17,350

Bond, none. Sureties, none. Forfeit,
none. Plans, none.

ALTERATIONS & ADDITION

(5003) 2851 22ND ST. ALTERATIONS
and additions to building.

Owner—Edward Serretto, 2859 22nd St.,
San Francisco.

Architect—None.

Contractor—James Low, 76 Coleridge
St., San Francisco.

Filed Dec. 1, 1924. Dated Nov. 29, 1924.

Frame up \$1038

Brown coated 1038

Completed and accepted 1337

TOTAL COST, \$3409

Bond, none. Sureties, none. Forfeit,
none. Limit, utmost dispatch. Plans
and specifications filed.

DWELLING

(5004) S LAKEVIEW 75-6 E Margaret
1-story and basement frame dwlg.
Owner—C. A. Eldridge, 3350 Laguna St.,
San Francisco.

Architect—None.

Contractor—C. E. Thompson, 941 Ver-
mont St., S. F. \$2000

1.EMODEL

(5005) 3241-47 WASHINGTON ST. Re-
model for private garages.
Owner—Arthur J. Laib, 2882 Jackson
St., San Francisco.

Architect—None. \$1000

FLATS

(5006) S VIRGINIA 83 E Mission. 2-
story and basement frame (2) flats
Owner—Peter Kleinsorg.

Plans by owner. \$3000

DWELLING

(5007) E HAIVARD 75 S Pioche. 1-
story and basement frame dwlg
Owner—F. D. Brown, 528 Shotwell St.,
San Francisco.

Architect—None.

Contractor—R. C. Hoskinson. \$2500

DWELLINGS

(5008) S ULLOA 168 & 198 W Dorches-
ter Way. 2 1-story and basement
frame dwellings.

Owner—Gertrude E. Huff, Fairfax, Cal.

Architect—None.

Contractor—John J. Binet, 336 Church
St., San Francisco. \$4000 each

DWELLINGS

(5009) N ANZA 82-6 107-6 132-6 W
39th Ave. 3 1-story and basement
frame dwellings.

Owner—E. Torres, care contractors.

Architect—None.

Contractor—Meyer Bros., 1 Montgom-
ery St., S. F. \$3000 each

FLATS

(5010) E THIRTY-FOURTH AVE. 100
N Geary. 2-story and basement
frame (2) flats.

Owner—Johnson and Anderson, 4
Steiner St., San Francisco.

Architect—None. \$7500

DWELLING

(5011) NE CERVANTES 206 SE Beach
1-story and basement frame dwlg.
Owner—J. Meoni, 26 Prescott Court,
San Francisco.

Architect—None. \$4000

FLATS

(5012) S VIRGINIA 113 E Mission. 2-
story and basement frame (2)
flats.

Owner—Peter Kleinsorg.

Plans by owner. \$3000

ALTERATIONS

(5013) 1142-44 TREAT AVE. Raise &
make additions and alterations for
dwelling.

Owner—W. DeMartini, 43 Lucky St.,
San Francisco.

Architect—None. \$1800

DWELLINGS

(5014) E ELYMOUTH AVE. 125 150
175 N Grafton. 3 1-story and base-
ment frame dwellings.

Owner—Hinkel Bros., 1204 Castro St.,
San Francisco.

Architect—None. \$3000 each

DWELLING

(5015) E THIRTEENTH AVE. 200 N
Irving. 1-story and basement frame
dwelling.

Owner—Bernard E. George, 355 Carl
St., San Francisco.

Architect—Mel. I. Schwartz, Nevada Bk
Bldg., San Francisco.

Contractor—Schwartz and George, 2040
16th Ave., S. F. \$3000

DWELLING

(5016) W TWELFTH AVE. 275 S Bal-
boa. 2-story and basement frame
dwelling.

Owner—A. T. Morris, 687 11th Ave., San
Francisco.

Architect—None. \$6000

DWELLING
(5017) NE QUESADA 175 SE Lane. 1-
8-13 and basement frame dwelling
Owner—Bridgeway Hansen Co., 1917
4th St., San Francisco.
Architect—None.
Contractor—Ismael H. Hansen, 1917
3rd St., S. F. \$3000

GARAGE
(5018) N ELLIS 2-6 E HYDE. Two-
story and basement concrete gar-
rage.
Owner—St. Calileaud, Jr., 576 Clay St.,
San Francisco.
Architect—None.
Contractor—Louis Johnson, 729 Occi-
dental Ave., S. F. \$23,000

FLATS
(5019) W MALLORCA WAY 212-6 N
Chestnut. Two-story and basement
frame (2) flats.
Owner—Lang Realty Co., Chestnut &
Stoner Sts., S. F.
Architect—Plans by owner. \$9000

FLATS
(5020) S PACIFIC 103-2 S MASON. 3-
story and basement frame (6) flats
Owner—A. Prato, 74 John St., S. F.
Architect—None.
Contractor—Dechenzi Bros., 1032
Union St., S. F. \$12,000

APARTMENTS
(5021) NE LOMBARD & OCTAVIA.
Three-story and basement frame
(12) apartments.
Owner—W. S. Hoffman, 251 Kearny St.,
San Francisco.
Architect—Baumann & Jose, 251 Kearny
St., S. F.
Contractor—Stock & Jose, 251 Kearny
St., S. F. \$25,000

STORES & APARTMENTS
(5022) NW EDDY & HYDE STREETS.
Six-story and basement steel
frame and reinforced concrete
stores and apartments.
Owner—M. A. Hunt, 1332 Lombard
St., San Francisco.
Architects & Contractors—The Helbing
Co., 1332 Lombard St., S. F. \$60,000

DWELLING
W SAN RAFAEL WAY 95 S MONTE-
rey Blvd. Two-story and basement
frame dwelling.
Owner—Mr. & Mrs. L. R. Jacobson.
Architect—Henry H. Gutterson.
Contractor—C. F. Parker, 251 Kearny
St., S. F.
NOTE—Recorded contract reported
Nov. 28, 1924; No. 4954.

DWELLING
NE SANTA CLARA & TERRACE DR.
Two-story and basement frame
dwelling.
Owner—Mr. & Mrs. Wm. F. Hougard,
210 Clara St., S. F.
Architect—H. H. Gutterson, 526 Powell
St., San Francisco.
Contractor—H. H. Gutterson & Feasey, 210
Clara St., S. F. \$15,000
NOTE—Contract reported Nov. 28,
1924; No. 4955.

PAINTING
(5023) N HARRISON & SPEAR NE 275
x NW 276. Painting for 6-story
reinforced concrete office and
warehouse building.
Owner—Hills Bros., 75 Fremont Street,
San Francisco.
Architect—George W. Kelham, Sharon
Bldg., San Francisco.
Contractor—The Neal Co., 477 Ivy St.,
San Francisco.
Filed Dec. 2, 1924. Dated Nov. 2, 1924.
Payments on 10th of each mo. 75%
Usual 35 days TOTAL COST \$18,800

Bond, \$8300. Sureties, Maryland Cas-
ualty Co. Forfeit, none. Limit, July
31, 1925. Plans and specifications filed.

ROOFING
(5024) COMPOSITION ROOFING ON
above.
Contractor—J. W. Bender Roofing &
Siding Co., Monadnock Bldg., S. F.
Filed Dec. 2, 1924. Dated Nov. 29, 1924.
Payments—Same as above.
TOTAL COST \$2348
Bond, \$1174. Sureties, Maryland Cas-
ualty Co. Forfeit, none. Limit, as re-
quired. Plans and specifications filed.

RESIDENCE
(5025) SAN FERNANDO AVE. AND
Monadnock Bldg. and basement
Owner—E. W. Lick, 834 Chestnut St.,
San Francisco.
Architect—W. Deliver, Monadnock
Bldg., S. F.
Contractor—James Furlong, Monad-
nock Bldg., S. F.
Filed Dec. 2, 1924. Dated Nov. 25, 1924.
Payments on 1st and 15th of
each month 15%
Usual 35 days TOTAL COST, actual cost plus 10%
total cost not to exceed \$23,750.
Bond, \$12,000. Sureties, Globe In-
demnity Co., Forfeit, none. Limit, 100
days. Plans and specifications filed.

BUILDING
(5026) W 16TH AVE. 100 N JUDAH
N 25 x W 120. Two-story frame
flat building.
Owner—August & Katie Iten, 581 Al-
varado St., S. F.
Architect—None.
Contractor—C. R. Moren, 3225 Market
St., S. F.
Filed Dec. 2, 1924. Dated Nov. 29, 1924.
Roof on 1st floor 15%
Brown coated 2275
Completed and accepted 2275
Usual 35 days TOTAL COST \$2500
Bond, none. Sureties, none. Forfeit,
none. Limit, 90 days. Plans and spec-
ifications filed.
NOTE—Permit reported Nov. 25, 1924
No. 4908.

BUNGALOW
(5027) E MALLORCA WAY 325-26 NW
Alhambra NW 35 N 42° 58' 39" E
97.952 S 39° 8' 14" E 20 S 34°
9' 46" W 98.431. One-story and
basement frame bungalow.
Owner—F. D. & Rita Benjamin, 1315
Clay St., S. F.
Architect—None.
Contractor—L. G. Crichton & H. A.
Dilks, 314 Matson Bldg., S. F.
Filed Dec. 2, 1924. Dated Nov. 13, 1924.
Frame up 15%
Roofed and plastered 1562.50
Completed and accepted 1562.50
Usual 35 days TOTAL COST \$1562.50

Bond, none. Sureties, none. Forfeit,
none. Limit, 90 days. Plans and spec-
ifications filed.

FLATS
(5028) E FORTY-FIRST AVE 123-8 N
Elmwood. Two-story and basement
frame (2) flats.
Owner—A. Pierce, 317 2nd Ave., San
Francisco.
Architect—None. \$7000

DWELLING
(5029) N LIBERTY 255 W Church.
One-story and basement frame dwlg.
Owner—H. P. Martin and Wife, 156-A
Fair Oaks St., San Francisco.
Architect—Ernest Miller, 839 Hayes St.,
San Francisco.
Contractor—Ernest Miller, 839 Hayes
St., San Francisco. \$3000

STORES
(5030) E MISSION 130 N Twenty-sixth
One-story concrete stores.
Owner—John Arenz, 185 Stevenson St.,
San Francisco.
Architect—None.
Contractor—Adam Arras Co., 185 Stev-
enson St., San Francisco. \$7000

DWELLING
(5031) N PIXLEY 152 E Webster St.
One-story and basement frame
dwelling.
Owner—Giorgi, 2055 Greenwich St.,
San Francisco. \$2750

DWELLINGS
(5032) W NINETEENTH AVE 175 and
200 S Santiago. Two one-story
and basement frame dwellings.
Owner—Johnson & Erndson, 1565
Jackson St., San Francisco.
Architect—None. \$4000 each

DWELLINGS
(5033) W CAPISTRANO 50 and 200 S
San Juan. Two-story and basement
frame dwellings.
Owner—Albert J. Olson, 336 Granada
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$3500 each

DWELLING
(5034) E VICTORIA 215 S Holloway.
One-story and basement frame
dwelling.
Owner—E. J. Hargrave, 1106 Laguna
Ave., Burlingame.
Plans by Owner. \$3850

DWELLING
(5035) S SILLMAN 95 W Girard. One-
story and basement frame dwelling
Owner—Frank R. Donlin, 192 Noe St.,
San Francisco.
Architect—None.
Contractor—G. L. Hoover, 192 Noe St.,
San Francisco. \$3000

DWELLING
(5036) S LIPPAARD 100 W Chcnery.
One-story and basement frame
dwelling.
Owner—V. Pizzo, 791 Chenery St., San
Francisco.
Architect—None. \$3000

FLATS
(5037) N GREENWICH 100 W Bu-
chanan. Two-story and basement
frame (2) flats.
Owner—T. L. Sharman & Son, 1440
Shafter Ave., San Francisco. \$6000

FLATS
(5038) S MOULTON 100 W Buchanan.
Two-story and basement frame (2)
flats.
Owner—T. L. Sharman & Son, 1440
Shafter Ave., San Francisco.
Architect—None. \$5500

FLATS
(5039) S FRANCISCO 193-9, 218-9, 243-9
and 268-9 W Scott. Four two-story
and basement frame flats (2 flats
in each building).
Owner—Sbarboro-Delien & Jorgensen,
Chestnut and Scott Sts., S. F.
Architect—None. \$7000 each

LOFTS
(5040) W TENTH 175 S Market. Two-
story and basement brick lofts.
Owner—Symon Bros., 1525 Market St.,
San Francisco.
Architect—None. \$16,000

FLATS
(5041) NW NINETEENTH & TEXAS
N 50xW 100. All work except
finishing hardware and electric fix-
tures for two two-story frame
buildings (flats).
Owner—Annie G. Schareg, 398 Texas
St., San Francisco.
Architect—W. H. Armitage, Call Bldg.,
San Francisco.
Contractor—Gustav Heden, 156 Randall
St., San Francisco.

Filed Dec. 3, 1924. Dated Nov. 26, 1924.
Rough frames up 33780
Brown coated 3500
White coated and standing finish
on and exterior cementing com-
pleted 1500
Completed and accepted 2560
Usual 35 days TOTAL COST \$15,120

Bond, \$7560. Sureties, Jas. E. Blake
and Fred Kellberg. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

ALTERATIONS
(5042) N O'FARRELL 27-6 E Gough
E 30 x N 120. All work for al-
terations and additions to bldg.
Owner—George H. and Blancher P.
Biggs, 1192 O'Farrell St., S. F.
Architect—Evans & Co., 2367 Mission
St., S. F.
Contractor—Evans & Co., 359 Pacific
Bldg., S. F.
Filed Dec. 3, 1924. Dated Nov. 19, 1924.
Previously paid \$300
Mtg. for 1st floor 3000
Frame up 2175
Brown coated 2175
Completed 2175
Usual 35 days TOTAL COST \$12,000

Bond, sureties, forfeit, none. Limit, 120
days. Plans and specifications filed.

FRAME BLDG.
(5043) LOT 18, PLK. 1326, Sea Cliff
Sub. No. 3. All work for 2-story
and basement frame bldg.
Owner—J. F. Hicks.
Architect—Earle E. Bertz, 168 Sutter
St., S. F.
Contractor—Daniel L. Bienfield, 447
21st Ave., S. F.

Recorded	Amount
No. 25, 1924 — N GREEN 183-2 W	W. J.
Octavia W 29-4 x N 137-6	Holsworth vs McCauley & Weber
N 25, 1924 — NW HARRISON AND	\$34.00
7th NW 30 x SW 85. S. W. Cosey	
vs. W. J. Jackson, Katherine Hobbs	
and Sarah L Hogan.....	\$14.00
N 25, 1924 — NW HARRISON AND	
7th NW 30 x SW 85. Jos. Howard	
vs. W. J. Jackson, Katherine Hobbs	
and Sarah L Hogan.....	\$165.00
N 25, 1924 — NW HARRISON AND	
All Lot 37, Blk. Forest Hill. Guar-	
antee Painters vs. McCauley &	
Webber and N. J. Malville.....	\$30.00
Nov. 28, 1924 — E 21st AVE. S. S.	
33rd St. vs. J. J. O'Brien, Harry and	
Samuel Ginsberg as Ginsberg Tile	
Co. vs. Geo. Read and Mary A.	
Read and J. Morchio.....	\$125.32
Nov. 28, 1924 — NW corner of land con-	
veyed City and County of S. F. for	
Laguna Honda Station, N on curve	
to left with radius 50' from a & c	
said curve bears N 12° 18' 13" W	
thereby N 1° 19' 51" E. 64.054	
E 33° 18' 46" E 13.055 S 51° 12'	
S 39° 48' S 35° 55' E 22.32"	
S 44° 11" W 81.522 T. Joseph	
Fuller and Arthur A. Goepf as	
Fuller & Goepf vs. N. J. Manville	
and McCauley & Weber.....	\$98.00
Nov. 28, 1924 — LOT 6, BLK. 19, Fore-	
est Hill known as 360 Castanedo	
Forest Hill. David Hardwood	
vs. W. B. Galloway and McCauley	
& Weber.....	\$59.00
Nov. 28, 1924 — N GREEN 183-2 W	
Octavia W 29-4 x N 137-6 E 22	
137-6. Fuller & Goepf vs. David	
Brodnick, McCauley & Weber	
A. McCauley as McCauley & Weber	
.....	\$112.12
Nov. 28, 1924 — NW NAGANA	
114.59' S 77° 10' W 80' 10' SW 80-17	
West End lot 10 Blk. 3, West End No. 1.	
S. L. Clousky vs. H. C. and May-	
bell Pinkerton.....	\$137.00
Nov. 28, 1924 — SW 85 SE 30 NE	
7th NW 30 x SW 85 SE 30 NE	
85. P. A. Smith Co. vs. W. J.	
Jackson, Katherine Hobbs and	
Sarah L. Hogan.....	\$353.80
Nov. 28, 1924 — 27TH AVE. S. vs.	
O'Brien vs. Louis Wolovsky and	
P. S. Carlson.....	\$175.00
Nov. 29, 1924 — NE 66th ST. TO Na-	
tional Plumbng Supply Co (Geo W	
B Harris) vs N J Malville, A Mc-	
Cauley and A Weber (as McCauley	
& Weber) and.....	\$133.25
Nov. 29, 1924 — N GREEN 183-2 W	
Octavia W 29-4xN 137-6. Clancy	
& Son vs McCauley & Weber and	
David C E Murphy.....	\$106.68
Nov. 29, 1924 — 37th & BLK 19, Forest	
Hill. J. Joseph Fuller and Arthur	
A Goepf (as Fuller & Goepf) vs	
William W. and Cornelia M. Gallo-	
way and McCauley and A Weber.....	\$89.35
Nov. 29, 1924 — NE NINTH AVE AND	
Gearg E alg N Gary 32-6xN 30	
Novelty Electric Sign Co vs. Claude	
Burke.....	\$615.00
Nov. 29, 1924 — NW FULTON 125 SW	
First Ave NW and part with SW	
dist 90 NE 88-1/2 SW to Second Ave	
Second Ave NW NE 88-1/2. Mis-	
sion Lumber Yard vs Peder Carlsen,	
N C Sousa and A J O'Brien.....	\$172.50

DWELLING
(6155) NO. 1536 LINCOLN AVE., Alameda. One-story 1-room dwlg.
Owner—B. R. Schroeder, 2158 Santa Clara Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$3000

ALTERATIONS
(6200) NO. 823 CENTRAL AVE., Alameda. Alterations.
Owner—Agnes Bremer, 823 Central Ave., Alameda.
Architect—None.
Contractor—Oliver Duval & Son, 216 Daiziel Bldg., Oakland. \$1800

DWELLING
(6201) NO. 2709 CALHOUN ST., Alameda. One-story 6-room dwlg.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. \$4000

DWELLING
(6202) NO. 1537 COURT ST., Alameda. One-story 5-room dwelling.
Owner—M. Hillested, 1910 Webber St., Alameda.
Architect—None.
Contractor—J. Groden, 1011 Santa Clara Ave., Alameda. \$3000

DWELLING
(6203) NO. 1541 PARU ST., Alameda. One-story 4-room dwelling.
Owner—E. R. Schroeder, 2158 Santa Clara Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$3000

CHURCH
NO. 2234 DANA ST., Berkeley. Class C church.
Owner—First Congregational Church, Berkeley.
Architect—H. G. Simpson, Call Bldg., San Francisco.
Contractor—Lawton & Vezey, 357 12th St., Oakland. \$126,895
NOTE—Recorded contract reported Nov. 13, 1924, No. 5955.

DWELLING
(6204) W. 65TH AVE., 250 N. E-14TH St., Oakland. One-story 4-room dwelling.
Owner—F. H. Roebber.
Architect—None.
Contractor—T. J. Wilson, 1497 66th Ave., Oakland. \$2900

DWELLING
(6205) 64TH AVE. PLACE 450 N. Trenor St., Oakland. One-story 4-room dwelling.
Owner—A. Mackinsey, 6500 Outlook Av., Oakland.
Architect—None.
Contractor—C. D. Lyon, 6500 Outlook Ave., Oakland. \$2700

DWELLING
(6206) 2717 25TH AVE., OAKLAND. One-story 4-room dwelling.
Owner—Jas. Brown, 2715 26th Avenue, Oakland.
Architect—None.
Contractor—S. C. Walker, 3231 Boston Ave., Oakland. \$2500

ALTERATIONS
(6207) 467 14TH STREET, OAKLAND. Alterations.
Owner—Irving Camp.
Architect—Morrow & Garren, Daiziel Bldg., Oakland.
Contractor—A. L. Stratton, 605 Clay St., Oakland. \$3000

DWELLING
(6208) 658 WALLA VISTA AVENUE, Oakland. One-story 6-room dwlg.
Owner—C. Muvis.
Architect—None.
Contractor—Joe Bertoldi, 5627 Vicente St., Oakland. \$5000

DWELLING
(6209) 694 SANTA RAY AVE., OAKLAND. One-story 6-room dwelling.
Owner—J. Bertoldi, 5628 Vicente St., Oakland.
Architect—None. \$5000

STORES
(6210) SE COR. 11TH AVE. & E-24TH St., Oakland. One-story stores.
Owner—E. O. Francis, 1422 14th Ave., Oakland.
Architect—None. \$6000

DWELLINGS (3)
(6211) 2901 - 97 - 15 EAST 29TH ST., Oakland. Three 1-story 4-room dwellings.
Owner—L. L. Lippin & Maher.
Architect—None.
Contractor—L. A. Peters, 5313 Manila Ave., Oakland. \$2250 ea.

GARAGE
(6212) 837 61ST ST., OAKLAND. One-story garage.
Owner—M. Floegel, 837 61st St., Oakland.
Architect—None.
Contractor—Chas. W. Rose, 3203 Market St., Oakland. \$1000

DWELLINGS (2)
(6213) LOTS 170-172 MERRIEWOOD Tract, Oakland. Two 1-story 3-room dwellings.
Owner—Realty Syndicate, 1440 Broadway, Oakland.
Architect—None. \$800 each

SHOP
(6214) N. 8TH ST., 125 E. ALICE ST., Oakland. One-story brick shop.
Owner—F. A. Gottstein, 583 5th St., Oakland.
Architect—J. F. Tullock, 1811 Santa Clara Ave., Alameda. \$3000

MILL & CABINET SHOP
(6215) W. UNION ST., 125 N. 26TH ST., Oakland. Two-story mill and cabinet shop.
Owner—Hildebrand Mill Co., 27th & Magnolia St., Oakland.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St., Oakland. \$2500

ALTERATIONS
(6216) 3001 STANLEY AVE., OAKLAND. Alterations.
Owner—John Auer, 3758 Loma Vista Ave., Oakland.
Architect—None.
Contractor—J. Bettencourt, 1372 96th Ave., Oakland. \$1800

DWELLING
(6217) 339 52ND ST. (REAR), OAKLAND. One-story 4-room dwelling.
Owner—Fred Nelson, 339 52nd Street, Oakland.
Architect—None. \$2300

DWELLING
(6218) 6906 GENOA ST., OAKLAND. One-story 5-room dwelling.
Owner—Jas. V. Frazier, 2324 Peralta Ave., Oakland.
Architect—None. \$3250

DWELLING & GARAGE
(6219) 1175 55TH AVE., OAKLAND. One-story 4-room dwelling and garage.
Owner—S. Morris, 4162 Quigley St., Oakland.
Architect—None.
Contractor—S. Morris & Son. \$1925

DWELLING
(6220) W. 64TH AVE., 278 S. EAST 14th St., Oakland. One-story 4-room dwelling.
Owner—M. D. Mello, 1351 64th Ave., Oakland.
Architect—None.
Contractor—A. F. Heasley, 1245 66th Ave., Oakland. \$2000

ALTERATIONS
(6221) 9501 EAST 14TH ST., OAKLAND. Alterations.
Owner—T. C. Garcia, 9501 East 14th St., Oakland.
Architect—None.
Contractor—H. H. Begier, 154 Toler Ave., San Leandro. \$1300

DWELLING
(6222) 4012 LINWOOD AVE., OAKLAND. One-story 5-room dwelling.
Owner—W. W. Landgrebe, 2829 Minna Ave., Oakland.
Architect—None. \$3900

DWELLING
(6223) W. CUTHBERT ST., 150 N. Schuyler St., Oakland. One-story 4-room dwelling.
Owner—P. Seppensen, 2754 Schuyler St., Oakland.
Architect—None. \$2500

(6224) S. SIXTY-SECOND ST., 150 E. Colby St., Oakland. 1-story 15-room 4-family dwelling.
Owner—H. H. Gould, 2438 McGee St., Berkeley.
Architect—None.
Contractor—H. M. Cuning, 4141 Manila Ave., Oakland. \$12,000

APARTMENTS
(6225) W. SEVENTY-EIGHTH AVE., 100 S. E-14th St., Oakland. 2-story 12-room apartments.
Owner—G. Gorsky, 7709 E-14th St., Oakland.
Architect—None.
Contractor—F. A. Lepley, 3081 California St., Oakland. \$8000

DWELLINGS
(6226) N. HOLLAND ST., 35 W. 54TH AVE.; N. Holland St., 35 E. 53rd Ave.; E. 53rd Ave. 126 and 200 N. Holland St.; NE cor. 53rd Ave. and Holland St.; NW cor. 54th Ave. and Holland St.; W. 54th Ave. and 126 N. Holland St., Oakland. Eight 1-story 5-room dwellings.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None. Each, \$3000

STORES, FLATS
(6227) LOT 33 BLK. 490, WILMOTH Park Tract, Oakland. General construction 2 stores and 4-room flat and triple garage.
Owner—G. W. and Emilie Tiedemann, 2100 23rd Ave., Oakland.
Architect and Contractor—Otto H. Petersen, 2034 17th Ave., Oakland.
Filed Nov. 26, 1924. Dated Nov. 22, 1924.
When roof is on 1/4
When plastered 1/4
When completion is filed 1/4
Usual 35 days 1/4
TOTAL COST, \$7185.00

Bond, sureties, none. Forfeit, \$2.00 per day. Ling., 150 working days after Dec. 1, 1924. Plans and specifications not filed.

BURNER
(6228) NO. 1525 CHESTNUT ST., Berkeley. Shaving burner.
Owner—Independent Mill & Lumber Co. Premises.
Architect—None.
Contractor—Wesco Blower & Pipe Co., 1739 E-14th St., Oakland. \$1430

DWELLING
(6229) NO. 2312 EDWARDS ST., Berkeley. One-story 4-room stucco dwelling.
Owner—D. W. Sprinkling, 20077 University Ave., Berkeley.
Architect—None. \$2500

DWELLING
(6230) NO. 2524 BUENA VISTA AVE., Berkeley. One and one-half-story 6-room dwelling.
Owner—G. W. Hale, 2543 Buena Vista Ave., Berkeley.
Architect—None. \$4000

STATION
(6231) THE ALAMEDA AND SOLANO AVE., Berkeley. Steel service station.
Owner—Reader & Erskine, 702 Peralta Ave., Berkeley.
Architect—None.
Contractor—Michael & Pfeffer, 1415-37 Harrison St., S. F. \$2350

STATION
(6232) GROVE ST. near Adeline St., Berkeley. Concrete and brick service station.
Owner—J. Hess and F. Wake, 1063 57th St., Oakland.
Architect—None.
Contractor—Wilson D. Ellis, 2208 Grove St., Berkeley. \$2000

DWELLING
(6233) 5804 AYALA ST., Oakland. 1-story 7-room dwelling and garage.
Owner—Anna Keating, Oakland.
Architect—None.
Contractor—C. Tollefson, 3917 E-17th St., Oakland. \$4050

DWELLING
(6234) W. FOOTHILL BLVD., 100 N. E-15th St., Oakland. 1-story 6-room 2-family dwelling.
Owner—Mathias Olsen, 2342 E-15th St., Oakland.
Architect—None. \$4000

DWELLING
(6231) 3039 FIFTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—E. A. Drew, 6011 Dana St., Oakland.
Architect—None.
Contractor—A. A. Storey, 4286 Terrace St., Oakland. \$3700

DWELLING
(6236) 3560 LYON AVE., Oakland. 1-story 4-room dwelling.
Owner—H. Rovanner, 3560 Lyon Ave., Oakland.
Architect—None. \$3500

DWELLING
(6237) 3029 TWENTY-SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—Anderson & Keeney, 2610 Orange Ave., Oakland.
Architect—None. \$3500

DWELLING
(6238) N FORTY-SEVENTH ST., 65 E Market St., Oakland. 1-story 4-room dwelling.
Owner—J. Tomatis, 918 46th St., Oakland.
Architect—None. \$2500

APTS. STORES
(6239) S BECK ST. 125 E Havenscourt Blvd., Oakland. 2-story 10-room, apts. and stores and garage.
Owner—E. Accinelli, 1521 38th Ave., Oakland.
Architect—None.
Contractor—C. W. Glantz, 4122 E-14th St., Oakland. \$7350

DWELLING
(6240) 1749 EIGHTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Albin Cochring, San Leandro.
Architect—None.
Contractor—M. L. Matheyer, 1367 Hopkins St., Oakland. \$3500

DWELLING
(6241) 3057 SEMINARY AVE., Oakland. 1-story 5-room dwelling.
Owner—C. G. Burns, 3057 Seminary Ave., Oakland.
Architect—None. \$3500

DWELLING
(6242) 9309 THERMAL AVE., Oakland. 1-story 5-room dwelling.
Owner—N. Gaubert, 4735 Brookdale Ave., Oakland.
Architect—None. \$4500

DWELLING
(6243) 780 BARBARA ROAD, Oakland. 2-story 7-room dwelling.
Owner—O. A. Pedersen, 225 E-14th St., Oakland.
Architect—None. \$5000

DWELLING
(6244) N WALNUT ST., 393 E 94th Ave., Oakland. 1-story 4-room dwelling.
Owner—Ole Christensen, 1717 96th Ave., Oakland.
Architect—None. \$1800

(6245) 2688 SEVENTY-EIGHTH AVE., Oakland. 1-story 3-room dwelling.
Owner—F. F. Lyman, 3751 Broadway, Oakland.
Architect—None. \$1500

DWELLING
(6246) W SIXTY-FIRST AVE. 103 N Scenic Way, Oakland. 1-story 5-room dwelling.
Owner—C. E. Swall, 6026 Scenic Way, Oakland.
Architect—None.
Contractor—W. N. Glaser, 5919 Foot-hill Blvd., Oakland. \$3800

DWELLING
(6247) W SHORT ST., 150 S Allendale Ave., Oakland. 1-story 4-room dwelling.
Owner—Mary Chamblin, 2721 Short St., Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3990 E-14th St., Oakland. \$2500

STORES & OFFICES
(6248) E WEBSTER ST., 20 S 15TH ST., Oakland. Two-story 20-room brick stores and offices.
Owner—Hugo Muller, 2910 Telegraph Ave., Oakland.
Architect—None.
Contractor—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland. \$34,000

APARTMENTS
(6249) W KEMPTON AVE., 450 N Fairmont Ave., Oakland. 2-story 18-room apartments.
Owner—W. J. Shimonaleff, 1400 Jones St., San Francisco.
Architect—A. Nastovic, 1532 Franklin St., Oakland.
Contractor—L. Sills, 524 13th St., Oakland. \$14,000

APARTMENTS
(6250) W WEBSTER ST., 100 N MOSS Ave., Oakland. Two-story 12-rm. apartments.
Owner—Melvin B. Banker, 4280 Terrace St., Oakland.
Architect—None.
Contractor—J. J. Hauri, 822 56th Street, Oakland. \$13,500

STORES
(6251) SE COR. GRAND AVE. & BLVD. Way, Oakland. One-story brick stores.
Owner—H. Goldwater, 21st & Broadway Oakland.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$17,000

DWELLING
(6252) 1533 & 1543 BLAKE ST., Berkeley. Two 1-story 5-room stucco dwellings.
Owner—H. Hindes, Lafayette Apts., Berkeley.
Architect—M. Bowers.
Contractor—E. Atkinson, 2735 Grove St., Berkeley. \$3750 each

DWELLING
(6253) 809 SAN LUIS RD., Berkeley. 1-story 6-room dwelling.
Owner—C. Englebrechtsen, 1331 Grove St., Berkeley.
Architect—None.
Contractor—M. Jordan, 5844 Broadway, Oakland. \$4000

DWELLING
(6254) 2401 ACTON ST., Berkeley. 1-story 5-room stucco dwelling.
Owner—R. Schmidt, 703 Neilson St., Berkeley.
Architect—C. D. Crooks, Stewart Bldg., Berkeley. \$2700

DWELLING
(6255) 136 HILLCREST RD., Berkeley. 1-story 4-room dwelling.
Owner—C. Stone.
Architect—W. Stellberg.
Contractor—C. Brodhoff, 911 55th St., Oakland. \$8000

FLATS
(6256) 1533 SPRUCE, Berkeley. 2-sto. 10-room flats.
Owner—Mrs. James, Berkeley.
Architect—Geo. Cantrell, Monadnock Bldg., San Francisco.
Contractor—H. Dubroff, 2479 Shattuck Ave., Berkeley. \$8000

DWELLING
(6257) 1501 HOPKINS ST., Berkeley. 1-story 5-room dwelling & garage.
Owner—Geo. Nibel, 1912 Grove Street, Berkeley.
Architect—None. \$3500

DWELLING
(6258) 1904 EIGHTH ST., Berkeley. 1-story 4-room dwelling.
Owner—O. Suendermann, 1900 8th St., Berkeley.
Architect—None. \$2000

DWELLING
(6259) 3245 GLEN AVE., Berkeley. 1-story 6-room dwelling.
Owner—J. Pelserton, 1931 Berrymore St., Berkeley.
Architect—None. \$5200

STORE
(6260) 3040-2-4-6-8 CLAREMONT AVE., Berkeley. 1-story store bldg. frame
Owner—John Bischoff, 2717 Russell St., Berkeley.
Architect—None. \$8000

DWELLING
(6261) 1502-06 ADA ST., Berkeley. 1-story 3-room dwelling.
Owner—Miss Crayland, 1126 Euclid Ave., Berkeley.
Architect—Fox Bros., 1926 University Ave., Berkeley.
Contractor—Fox Bros. \$4000

DWELLINGS
(6262) 1201-5-7-9 CURTIS ST., Berkeley. 4 1-story 6-room dwellings & garages.
Owner—C. MacGregor, 470 13th St., Oakland.
Architect—None. \$3800 each

DWELLINGS
(6263) 2824 & 2828 FULTON, Berkeley. Two 1½-story 5-room dwellings & garages.
Owner—R. Pavert, Merc. Bank Bldg., Berkeley.
Architect—None. \$4950 each

DWELLINGS
(6264) 2231-39-64-72-76-78 2235 & 39 Oregon St., 2332 Fulton St., Berkeley. Nine 1-story 6-room dwellings.
Owner—R. Pavert, Merc. Bank Bldg., Berkeley.
Architect—None. \$3950 each

DWELLING
(6265) 6119 MAJESTIC STREET, Oakland. 1-story 5-room dwelling.
Owner—E. O. Burge, 1011 7th Avenue, Oakland.
Architect—None. \$3500

DWELLINGS
(6266) N DAVIS ST. 60-92 W Peralta Ave., Oakland. 2 1-story 4-room dwellings.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. \$2000 each

DWELLINGS
(6267) W SEVENTY-SIXTH AVE. 500 N E-14th St., W 77th Ave. 554 N E-14th St., Oakland. 2 1-story 4-room dwellings.
Owner—A. E. Lincoln, Oakland Title Ins. Bldg., Oakland.
Architect—None.
Contractor—W. L. Smith, 514 Estudelo Ave., S. F. \$2000 each

FLATS & STORES
(6268) SE COR. WALSWORTH AND Pearl Sts., Oakland. 2-story 6-room flats and stores.
Owner—E. M. Sommarstrom, 738 East 17th St., Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 1418 Franklin St., Oakland. \$7000

CHURCH
NE COR. TWENTY-SIXTH & HARRISON STS., Oakland. 2-story concrete church.
Owner—First Congregational Church of Oakland, 14th and Castro Sts., Oakland.
Architect—J. Calen Howard, 1st Natl. Bank Bldg., S. F.
Contractor—Clinton Construction Co., 923 Folsom St., S. F. \$275,903

REMODELING
(6269) SE COR. E-TWELFTH ST. & 6th Ave., Oakland. All work for remodeling store.
Owner—George S. Pierce, 609 E-12th St., Oakland.
Architect—None.
Contractor—Walter Rideout, 1536 St. Charles St., Alameda.
Filed Nov. 23, 1924. Dated Nov. 25, 1924.
Altered, cem. walks done..... \$483.75
Brick wall out through..... \$483.75
Completed and accepted..... \$483.75
Usual 35 days..... \$483.75
TOTAL COST \$1935
Bond, \$1000; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, \$20 per day; Limit, 30 working days; Plans and specifications filed.

RESIDENCE
(6270) LOT 18 BLK 7 MAP OF KEY Route Terrace No. 2, Brook Twp. All work for 1-story residence.
Owner—John A. and Grace Ebel, Albany.
Architect—H. A. Schoening, 1623 Shattuck Ave., Berkeley.
Contractor—Arthur W. Sampson, 1527 Sacramento St., Berkeley.
Filed Nov. 28, 1924. Dated Nov. 1, 1924.
Frame up..... \$1500
Brown coated..... 1500
Interior carpenter work done..... 1500
Usual 35 days..... 1600
TOTAL COST, \$6100
Bond, \$3050; Sureties, Nat. Williams, L. H. Bullock; Forfeit, none; Limit, Feb. 25, 1925; Plans and specifications filed.

RESIDENCE
(6271) 427 LINDA AVE., Piedmont.
Residence.
Owner—W. G. Tullett, 425 Linda Ave.,
Piedmont.
Architect & Contractor—Grigsley Bros.
2520 9th Ave., Oakland. \$3500

RESIDENCE
(6272) 75 SPRING AVE., Piedmont.
Reinforced concrete residence and
garage.
Owner—C. A. G. Weymouth, 41 Wild-
wood Ave., Piedmont.
Architect—None. \$5100

RESIDENCE
(6273) 17 CAMBRIDGE WAY, Pied-
mont. Residence and garage.
Owner—H. T. McCallor, 2331 E 39th St.
Oakland.
Architect—None. \$5100

ALTERATIONS
(6274) 9 SEA VIEW AVE., Piedmont.
Alterations.
Owner—Mrs. W. S. Goodfellow, 9 Sea
View Ave., Piedmont.
Architect—None.
Contractor—D. W. Van Horn, 6004 Mo-
nadnock Way, Oakland. \$1500

STATION
(6275) S. F. O. T. TERMINUS, Pied-
mont. Railway station.
Owner—Key system Transit Co., 22nd
and Grove Sts., Oakland.
Architect—McCall & Davis, Alameda
County Title Insurance Co., Oak-
land.
Contractor—C. H. Lawrence, 5321
Lawton Ave., Oakland. \$3666

RESIDENCE
(6276) 226 PALM AVE., Piedmont.
Residence and garage.
Owner—Andrew Deppen, 1515 Alice St.,
Oakland.
Architect—W. E. Beyd, Royal Hotel,
Oakland.
Contractor—Chas. E. Bardwell Jr., 522
Santa Ray Ave., Oakland. \$5000

RESIDENCES
(6277) 271 275 MAGNOLIA AVENUE,
Piedmont. Residences and garages
Owner—A. C. Goodmundson, 2140 San
Pablo Ave., Oakland.
Architect & Contractor—C. M. Mac-
Gregor, 470 13th St., Oakland. \$5400 each

DWELLING
(6278) 2218 SPAULDING, Berkeley.
1-story 6-room stucco dwelling.
Owner—Q. H. Latour, 2014 Allston,
Berkeley.
Architect—W. A. Doctor, 505 Bank of
Italy Bldg., Berkeley.
Contractor—D. Roby & Son, 2453 Jef-
ferson St., Berkeley. \$3000

DWELLING
(6279) 748 SPRUCE, Berkeley. 1-story
6-room dwelling and garage.
Owner—H. Davis, Berkeley.
Architect—None.
Contractor—B. Henderson, 2737 Forest
Ave., Berkeley. \$5750

DWELLING
(6280) 2431 BROWNING ST., Berke-
ley. 1-story 5-room dwelling.
Owner—John Rhode, 2433 Browning,
St., Berkeley.
Architect—R. Anderson, 1915 Univer-
sity Ave., Berkeley. \$3200

DWELLING
(6281) 1116 CHAUCER ST., Berkeley.
1-story 4-room dwelling.
Owner—V. Cortese, 2516 Mathews St.,
Berkeley.
Architect—D. Boshion, 1417 Hearst
Ave., Berkeley.
Contractor—Norlin & Strom, 2016 84th
Ave., Oakland. \$2700

DWELLING
(6282) 5012 FAIRFAX AVE., Oakland.
1-story 5-room dwelling.
Owner—T. D. Fennelly, 2910 E-22nd St.,
Oakland.
Architect—None. \$3500

DWELLING
(6283) 3950 LINCOLN AVE., Oakland.
1-story 5-room dwelling.
Owner—N. Morian, 2417 Delmar St.,
Oakland.
Architect—None. \$3000

DWELLING
(6284) 4631 MARKET ST., Oakland. 1-
story 5-room dwelling.
Owner—M. Parodi, 4601 46th St., Oak-
land.
Architect—None. \$3000

DWELLING
(6285) 576 KENMORE AVE., Oakland.
2-story 7-room dwelling.
Owner—Fred Gates, 19th and Harrison
Sts., Oakland.
Architect—A. A. Cantin, 68 Post St.,
San Francisco.
Contractor—J. J. Mulvany, Alameda.
\$6000

SERVICE STATION
(6286) NW COR. E-TWELFTH AND
High Sts., Oakland. 1-story steel
service station.
Owner—Union Oil Co. of Calif., Foot
of Powell St., Emeryville.
Architect—None. \$3000

ALTERATIONS
(6287) 1825 FIFTH AVENUE, Oak-
land. Alterations.
Owner—E. S. Cheney, 1825 5th Avenue,
Oakland.
Architect—None.
Contractor—J. A. Vonada, 10125 Pear-
main St., Oakland. \$3500

DWELLINGS
(6288) 2800, 2806 SIXTY-FIRST AVE.,
Oakland. Two 1-story 5-room
dwellings.
Owner—D. W. Parks, 2536 63rd Ave.,
Oakland.
Architect—None. Each \$2900

DWELLING
(6289) 1240 BATES ROAD, Oakland
1-story 5-room dwelling.
Owner—L. G. Irving, 2507 Balboa St.,
San Francisco.
Architect—None.
Contractor—Barr & Son, 306 26th St.,
Oakland. \$4000

DWELLING
(6290) 500 HARDY ST., Oakland. 1-
story 6-room dwelling.
Owner—Albert Bernardacci, 5472 Clare-
mont Ave., Oakland.
Architect—None.
Contractor—Andrew B. Gow, 501 Hardy
St., Oakland. \$4000

ADDITION
(6291) N SEVENTH ST., 75 E Jack-
son St., Oakland. Addition.
Owner—Walter Langtry, 177 8th St.,
Oakland.
Architect—None. \$1000

DWELLING
(6292) E FIFTY-FIFTH AVE., 40 S
Brann St., Oakland. 1-story 5-rm.
dwelling.
Owner—Mrs. Ida B. Leach, 533 22nd St.,
Oakland. \$2500
Architect—None.

DWELLING
(6293) 9700 HOLLY ST., Oakland. 1-
story 4-room dwelling.
Owner—Glady's A. Boyer, 9636 Holly St.,
Oakland.
Architect—None.
Contractor—C. A. Cushman, 1675 85th
Ave., Oakland. \$2700

DWELLING
(6294) 2331 FORTY-EIGHTH AVE.,
Oakland. 1-story 5-room dwlg.
Owner—A. L. Morley, 2281 48th Ave.,
Oakland.
Architect—None.
Contractor—C. F. Hobson, 2281 48th
Ave., Oakland. \$2500

DWELLING
(6295) S QUIGLEY ST., 300 W May-
belle Ave., Oakland. 1-story 8-rm.
2-family dwelling.
Owner—J. Stella.
Architect—None.
Contractor—S. Morris & Son, 4162
Quigley St., Oakland. \$4250

FIRE HOUSE
(6296) NE COR. MARKET AND MIL-
ton Sts., Oakland. 1-story fire
house.
Owner—City of Oakland, Oakland.
Architect—None.
Contractor—John M. Bartlett, 357 12th
St., Oakland. \$9580

APARTMENTS
(6297) S FORTIETH ST., 250 E West
St., Oakland. 2-story 16-room
apartments and garage.
Owner—Harry C. Knight, 1428 Frank-
lin St., Oakland.
Architect—None. \$17,000

DWELLINGS
(6298) NO. 2056 BUENA VISTA AVE.,
Alameda. Two one-story 4-room
dwellings.
Owner—M. A. Buck, Premises.
Architect—None.
Contractor—H. W. McIntier, 1523
Franklin St., Oakland. \$3000 each

DWELLINGS
(6299) NO. 1343 AND 1347 CAROLINE
St., Alameda. Two one-story 5-
room dwellings.
Owner—Mason Bowen, 1733 San Jose
Ave., Alameda.
Architect—None.
Contractor—V. N. Strang, Alameda.
\$3500 each

DWELLING
(6300) NO. 844 PACIFIC AVE., Ala-
ameda. One-story 6-room dwelling.
Owner—Ben. F. Kopf, 845 Pacific Ave.,
Alameda.
Architect—None. \$4800

DWELLING
(6301) NO. 2244 PACIFIC AVE., Ala-
ameda. One-story 5-room dwelling.
Owner—B. Gamborini, 1537 Everett St.,
Alameda. \$3000
Architect—None.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

COMMERCIAL

One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,193,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH.....	Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....	Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....	Haight and Belvedere Streets
WEST PORTAL BRANCH.....	West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(6327) NO. 110 ARLINGTON AVE., Berkeley. Two-story 6-room frame dwelling.
Owner—H. L. Foster, 1624 Euclid Ave., Berkeley.
Architect—None.
Contractor—H. L. Foster, 1624 Euclid Ave., Berkeley. \$8070

ADDITIONS
(6328) NO. 1970 LOS ANGELES AVE., Berkeley. Additions.
Owner—H. L. Foster, 1624 Euclid Ave., Berkeley.
Architect—None.
Contractor—H. L. Foster, 1624 Euclid St., Berkeley. \$1500

DWELLING
(6329) W. MARSH ST. 150 N. Pothill Blvd., Oakland. 1-story 4-room dwelling.
Owner—H. L. Foster, 1624 Euclid St., Oakland.
Architect—None. \$2900

DWELLING
(6330) E. HAVENSCOURT BLVD. 40 S. Arthur St., Oakland. 1-story 6-room dwelling.
Owner—H. L. Hansen, 1950 E-20th St., Oakland.
Architect—None. \$3750

ALTERATIONS
(6331) 901 THIRTY-FIFTH AVE., Oakland. Alterations and addition.
Owner—S. N. Patty, 901 35th Ave., Oakland.
Architect—None. \$1000

DWELLING
(6332) 1223 NINETY-SECOND AVE., Oakland. 1-story 3-room dwelling.
Owner—W. S. Black, 9851 E Street, Oakland.
Architect—None. \$1500

DWELLING
(6333) S. QUIGLEY ST. 260 E. Loma Vista Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—Wm. S. Gagon, 1601 High St., Oakland.
Architect—None. \$3400

DWELLING
(6334) S. NOTTINGHAM DR., Merriewood Tract, Oakland. 1-story 3-room dwelling.
Owner—Claude R. Dean, 102 7th St., Oakland.
Architect—None.
Contractor—Chas. A. Marlatt, 102 7th St., Oakland. \$2000

DWELLING
(6335) 2321 SIXTY-SIXTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Frank L. Silber, 2325 Humboldt Ave., Oakland.
Architect—None.
Contractor—Paul Louis Kick, 2325 Humboldt Ave., Oakland. \$2500

FACTORY
(6336) W. 106TH AVE. 130 N. E-14TH St., Oakland. 1-story factory.
Owner—Rees Boorman Mfg. Co., 1429 105th Ave., Oakland.
Architect—None. \$6000

ALTERATIONS
(6337) 1916 WEST STREET, Oakland. Alterations and additions.
Owner—John J. Barry, 1916 West St., Oakland.
Architect—None. \$1000

DWELLING
(6338) 4674 PARK BLVD., Oakland. 1-story 6-room dwelling.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. \$5000

DWELLING
(6339) 4832 CONGRESS AVE., Oakland. 1-story 3-room dwelling.
Owner—Mrs. N. Turner, Oakland.
Architect—None.
Contractor—Nylander Bros., 1610 Excelsior Ave., Oakland. \$2000

DWELLING
(6340) 1633 EIGHTY-SECOND AVE., Oakland. 1-story 3-room dwelling and garage.
Owner—W. W. Sherbourne, 9633 E-14th St., Oakland.
Architect—None. \$2200

DWELLING
(6341) S. O. FLOOR AVE. 100 W. 6TH Ave., Oakland. 1-story 3-room dwelling.
Owner—B. M. Hamilton, 1418 41st Ave., Oakland.
Architect—None.
Contractor—Hanford & Atkinson, 1715 Broadway, Alameda. \$1500

DWELLING
(6342) 762 SANTA RAY AVE., Oakland. 1-story 6-room dwelling.
Owner—Chas. E. Quigley, 464 Van Buren Ave., Oakland.
Architect—None.
Contractor—N. Skow, 928 E-22nd St., Oakland. \$5000

BRICK BLDG.
(6343) W. BROADWAY, 150 N. 23RD St., Oakland. 1-story brick auto show room.
Owner—A. W. Keil, 510 Lake Park Ave., Oakland.
Architect—Schirmer Bugbee Co., Thayer Bldg., Oakland.
Contractor—Dinnie Construction Co., 3757 Broadway, Oakland. \$10,000

DWELLINGS
(6344) NW COR. FIFTY-NINTH AVE. and Brann St.; E 59th Ave., 40 S. Brann St.; SE 34th St., 40 E. Elliott St., and NW cor. 57th Ave. and Brann St., Oakland. Four 1-story 5-room dwellings and garages.
Owner—F. T. Malley, 900 Lakeshore Ave., Oakland.
Architect—None. Each, \$4500

RESIDENCE
(6345) FOR LOT 40, CROCKER TERRACE, Piedmont. Two-story residence.
Owner—M. C. Seagrave, 2043 Oakland St., Piedmont.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor—Fred J. Westlund, 351 12th St., Oakland.
Filed Dec. 2, 1924. Date Nov. 25, 1924.
Value of work done on 1st of each month75%
Usual 35 daysBalance
Bond, \$4475. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, none. Plans and specifications filed.

DWELLING
(6346) 135 THE UPLANDS, Berkeley. 2-story 6-room dwelling.
Owner—T. Harris Jr., Elmwood St., Berkeley.
Architect—J. A. Marshall, New Bank of Italy Bldg., Oakland.
Contractor—J. Marshall, New Bank of Italy Bldg., Oakland. \$5500

DWELLING
(6347) 1122 ADDISON ST., Berkeley. 1-story 3-room dwelling.
Owner—Eugene Perry, 2380 8th St., Berkeley.
Architect—None. \$1350

DWELLING
(6348) 1905 CHESTNUT ST., Berkeley. 1-story 5-room frame dwelling.
Owner—W. Sheppard, 85 Parkside Dr., Berkeley.
Architect—None. \$3500

DWELLING
(6349) 120 Chaucer St., Berkeley. 1-story 4-room dwelling.
Owner—Russell Wilkes, 2106 San Pablo Ave., Berkeley.
Architect—None.
Contractor—H. Peterson, 2106 San Pablo Ave., Berkeley. \$2350

DWELLING
(6350) 36 EL CAMINO REAL, Berkeley. 2-story 3-room dwelling.
Owner—W. Dinwiddie, Durant Ave., Berkeley.
Architect—Chas. Davis, A. C. A. & T. I. Bldg., Oakland.
Contractor—Albert Haskell, 4381 Montgomery St., Oakland. \$11,000

DWELLING
(6351) N. FLEMING AVE. 637 E. Courtland Ave., Oakland. One-story dwelling.
Owner—Geo. B. Davis, 4600 Fleming Ave., Oakland.
Architect—None. \$4600

GARAGE
(6352) E. ELM ST. 150 S. 24TH ST., Oakland. One-story tile garage.
Owner—O. E. Chappell, 3168 Elm St., Oakland.
Architect—None. \$2400

GARAGE
(6353) E. SHATTUCK AVE., 160 N. Alcatraz Ave., Oakland. One-story brick garage.
Owner—Oscar Nelson, 677 65th Street, Oakland.
Architect—A. W. Smith, Amer. Bank Bldg., Oakland.
Contractor—C. L. Barham, 211 Amer. Bank Bldg., Oakland. \$4500

FACTORY
(6354) S. WATTER ST., BET. BROADWAY & Webster, Oakland. Three-story factory.
Owner—Rhodes Jamison Co., Foot of Broadway, Oakland.
Architect—None.
Contractor—M. I. Diggs, 842 Oakland Bank Bldg., Oakland. \$7500

DWELLING
(6355) 3051 57TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—A. D. Pope, 3369 Curran Ave., Oakland.
Architect—None. \$4000

DWELLING
(6356) SE COR. 87TH AVE. & PLYMOUTH ST., Oakland. One-story 6-room dwelling.
Owner—J. J. McNamara, General Del., Oakland.
Architect—None. \$4000

DWELLING
(6357) 3233 64TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—M. Negley, 2303 Pacific Av., Alameda.
Architect—None. \$3000

ALTERATIONS
(6358) 1411-1415 WEBSTER ST. OAKLAND. Alterations.
Owner—M. R. & L. Bradley, 302 Grand Ave., Oakland.
Architect—None.
Contractor—J. C. Ballard, 2623 13th Av., Oakland. \$1000

GARAGE
(6359) 622 EAST 17TH ST., OAKLAND. One-story tile garage.
Owner—Mrs. D. M. McCarthy, 622 East 17th St., Oakland.
Architect—None.
Contractor—Frank Critchett, 139 Grand Ave., Oakland. \$1000

DWELLING
(6360) 1945-1947 14TH AVE., OAKLAND. One-story 8-room 2-family dwelling.
Owner—E. J. Blair, 1329 East 20th St., Oakland.
Architect—None.
Contractor—E. W. Blair, 1329 East 20th St., Oakland. \$5000

DWELLING
(6361) 939 PORTAL AVE., OAKLAND. One-story 5-room dwelling.
Owner—Alder & Clark, 2907 Florida St., Oakland.
Architect—None. \$5000

APARTMENTS
(6362) 4645 DOLORES AVE., OAKLAND. Two-story 12-room apts.
Owner—E. M. Monnier, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$12,000

SORORITY HOUSE
(6363) LOT 4 BLK. 9 DALEY'S SCENIC Park, Berkeley. General construction on 2-story frame residence (sorority house).
Owner—Epsilon of Zeta Tau Alpha Bldg., Aspley, Berkeley.
Architect—A. W. Smith, American Bank Bldg., Oakland.
Contractor—G. H. Wendt & G. R. Heath (Heath & Wendt) 2715 Channing Way, Berkeley.
Filed Dec. 2, 1924. Date Nov. 20, 1924.
When frame is up\$7403
1st coat of plaster 7403
When completed 7403
Usual 85 days 7403
TOTAL COST, \$29,612

NOTE—Permit applied for today.

BUILDING

Forfeit, none. Limit, 50 working days from filing contract. Plans and specifications filed.

BUILDING

Bond, none. Sureties, none. Forfeiture, none. Limit, 75 days from date of contract. Plans and specifications filed.

OAKLAND BUILDING SUMMARY

Classification of Bldgs.	No. of Permits	Cost
1. Single-story buildings	10	\$100.00
2. Two-story buildings	5	\$250.00
3. Three-story buildings	3	\$300.00
4. Four-story buildings	2	\$400.00
5. Five-story buildings	1	\$500.00
6. Six-story buildings	1	\$600.00
7. Seven-story buildings	1	\$700.00
8. Eight-story buildings	1	\$800.00
9. Nine-story buildings	1	\$900.00
10. Ten-story buildings	1	\$1,000.00
11. Eleven-story buildings	1	\$1,100.00
12. Twelve-story buildings	1	\$1,200.00
13. Thirteen-story buildings	1	\$1,300.00
14. Fourteen-story buildings	1	\$1,400.00
15. Fifteen-story buildings	1	\$1,500.00
16. Sixteen-story buildings	1	\$1,600.00
17. Seventeen-story buildings	1	\$1,700.00
18. Eighteen-story buildings	1	\$1,800.00
19. Nineteen-story buildings	1	\$1,900.00
20. Twenty-story buildings	1	\$2,000.00
21. Twenty-one-story buildings	1	\$2,100.00
22. Twenty-two-story buildings	1	\$2,200.00
23. Twenty-three-story buildings	1	\$2,300.00
24. Twenty-four-story buildings	1	\$2,400.00
25. Twenty-five-story buildings	1	\$2,500.00
26. Twenty-six-story buildings	1	\$2,600.00
27. Twenty-seven-story buildings	1	\$2,700.00
28. Twenty-eight-story buildings	1	\$2,800.00
29. Twenty-nine-story buildings	1	\$2,900.00
30. Thirty-story buildings	1	\$3,000.00
31. Thirty-one-story buildings	1	\$3,100.00
32. Thirty-two-story buildings	1	\$3,200.00
33. Thirty-three-story buildings	1	\$3,300.00
34. Thirty-four-story buildings	1	\$3,400.00
35. Thirty-five-story buildings	1	\$3,500.00
36. Thirty-six-story buildings	1	\$3,600.00
37. Thirty-seven-story buildings	1	\$3,700.00
38. Thirty-eight-story buildings	1	\$3,800.00
39. Thirty-nine-story buildings	1	\$3,900.00
40. Forty-story buildings	1	\$4,000.00
41. Forty-one-story buildings	1	\$4,100.00
42. Forty-two-story buildings	1	\$4,200.00
43. Forty-three-story buildings	1	\$4,300.00
44. Forty-four-story buildings	1	\$4,400.00
45. Forty-five-story buildings	1	\$4,500.00
46. Forty-six-story buildings	1	\$4,600.00
47. Forty-seven-story buildings	1	\$4,700.00
48. Forty-eight-story buildings	1	\$4,800.00
49. Forty-nine-story buildings	1	\$4,900.00
50. Fifty-story buildings	1	\$5,000.00
51. Fifty-one-story buildings	1	\$5,100.00
52. Fifty-two-story buildings	1	\$5,200.00
53. Fifty-three-story buildings	1	\$5,300.00
54. Fifty-four-story buildings	1	\$5,400.00
55. Fifty-five-story buildings	1	\$5,500.00
56. Fifty-six-story buildings	1	\$5,600.00
57. Fifty-seven-story buildings	1	\$5,700.00
58. Fifty-eight-story buildings	1	\$5,800.00
59. Fifty-nine-story buildings	1	\$5,900.00
60. Sixty-story buildings	1	\$6,000.00
61. Sixty-one-story buildings	1	\$6,100.00
62. Sixty-two-story buildings	1	\$6,200.00
63. Sixty-three-story buildings	1	\$6,300.00
64. Sixty-four-story buildings	1	\$6,400.00
65. Sixty-five-story buildings	1	\$6,500.00
66. Sixty-six-story buildings	1	\$6,600.00
67. Sixty-seven-story buildings	1	\$6,700.00
68. Sixty-eight-story buildings	1	\$6,800.00
69. Sixty-nine-story buildings	1	\$6,900.00
70. Seventy-story buildings	1	\$7,000.00
71. Seventy-one-story buildings	1	\$7,100.00
72. Seventy-two-story buildings	1	\$7,200.00
73. Seventy-three-story buildings	1	\$7,300.00
74. Seventy-four-story buildings	1	\$7,400.00
75. Seventy-five-story buildings	1	\$7,500.00
76. Seventy-six-story buildings	1	\$7,600.00
77. Seventy-seven-story buildings	1	\$7,700.00
78. Seventy-eight-story buildings	1	\$7,800.00
79. Seventy-nine-story buildings	1	\$7,900.00
80. Eighty-story buildings	1	\$8,000.00
81. Eighty-one-story buildings	1	\$8,100.00
82. Eighty-two-story buildings	1	\$8,200.00
83. Eighty-three-story buildings	1	\$8,300.00
84. Eighty-four-story buildings	1	\$8,400.00
85. Eighty-five-story buildings	1	\$8,500.00
86. Eighty-six-story buildings	1	\$8,600.00
87. Eighty-seven-story buildings	1	\$8,700.00
88. Eighty-eight-story buildings	1	\$8,800.00
89. Eighty-nine-story buildings	1	\$8,900.00
90. Ninety-story buildings	1	\$9,000.00
91. Ninety-one-story buildings	1	\$9,100.00
92. Ninety-two-story buildings	1	\$9,200.00
93. Ninety-three-story buildings	1	\$9,300.00
94. Ninety-four-story buildings	1	\$9,400.00
95. Ninety-five-story buildings	1	\$9,500.00
96. Ninety-six-story buildings	1	\$9,600.00
97. Ninety-seven-story buildings	1	\$9,700.00
98. Ninety-eight-story buildings	1	\$9,800.00
99. Ninety-nine-story buildings	1	\$9,900.0

1-story dwellings.....	280	\$ 806,811
1-st 2-family dwellings.....	8	38,000
1-st 3-fmly dwelling.....	1	10,000
1-st 4-fmly dwelling.....	1	12,000
1-st dwlg & stores.....	4	24,000
1-story dwellings.....	3	35,000
2-story dwellings.....	14	100,400
2-story dwellings & stores.....	9	13,500
2-st flats.....	5	45,500
2-st flats & stores.....	3	24,000
2-st apartments.....	10	127,500
2-st apartments & stores.....	1	7,000
3-story apartments.....	2	54,000
1-st stores.....	10	52,851
1-story church.....	1	3,200
1-story warehouse.....	1	2,000
1-st schools.....	2	3,000
1-st hall.....	1	8,500
1-st office.....	1	4,000
2-story hall.....	1	2,500
1-st tile garage.....	6	12,300
1-story tile shop.....	1	700
1-st tile service station.....	1	600
1-st tile comfort station.....	1	400
2-st tile apts. & stores.....	1	14,000
1-st brick shop.....	1	11,000
1-st brick stores.....	1	36,200
1-st brick comfort station.....	1	4,000
1-st brick factory.....	2	31,700
1-st brick warehouse.....	1	8,000
1-st brick pump house.....	1	2,500
2-st brick factory.....	1	27,000
2-st brk stores & offices.....	1	34,000
Brick incinerator.....	1	5,000
1-st brk & tile stores.....	1	5,300
1-st concrete stores.....	1	12,000
1-st concrete garage.....	1	12,000
2-st concrete shops.....	1	275,900
2-st conc stores & shop.....	1	20,000
Concrete addition.....	2	6,700
Concrete tanks.....	1	7,000
1-st steel service stn.....	2	5,400
1-st garages & sheds.....	303	65,920
Electric signs.....	38	11,660
Billboards.....	11	413
Platform.....	1	2,500
Gate tower.....	1	850
Additions.....	75	54,240
Alterations & repairs.....	124	75,730
Total.....	942	\$2,104,741

Recorded. Amount
Nov. 25, 1924—BEG. AT A PT. ON W line of Cedar St. 85.17 E from La Loma Ave. thence S 242.67 ft. to the curve N 98.23 E thence W 143 ft. thence N 23.30 ft. thence W 142 ft. thence 114.90 ft. thence SW 44.22 ft. to N line of Lot 22, Map of La Loma Park thence NW on a curve to the line of said lot thence S 131.32 ft. thence E 100 ft. thence SW 60.50 ft. to pt. of beg. Berkeley. Hansen, Robertson & Zimwala vs. Charles C. Boynton and Florence Treadwell Boynton \$35
Nov. 25, 1924 — N LINE OF LAY-
manance St. 42' E of Favor St. thence S 70' W 42' to pt. of beg. Oakland. J. W. Davidson vs. C. Davis vs. Victor F. Davidson \$75
Nov. 24, 1924—1ST POR. LOT 6 BLK. 4 amended Map, ptn. of La Loma Park and Wheeler Tract, Berkeley, and Intersection S line of Lot 6 with W line of said lot. Lot 6 is the S prolongation of W line of said lot 6 to a pt. 60' N of the S line of Cedar St. E and par. with S line of Cedar St. to a pt. of the S prolongation of E line of Lot 6 at a dist. 60' N from Lot 6 to intersection of said line of Lot 6 with W line of said lot thence W 50.06 ft. to beg. Berkeley. Hansen, Robertson vs. R. E. Fisher & E. S. Riddell \$100
Nov. 21, 1924—W LINE SAN PABLO Ave. 15 ft. to line of line of 27th St. running N 144.70 E thence W 100 ft. S 114.76 E 200 ft. to pt. of beg. Oakland. W. P. Fuller & Co. vs. East Bay Milk Producers Assn. & 155 MAP OF VIEW Tract, Oakland. C. L. Adams vs. S. Victor Davidow. \$171
Nov. 29, 1924—LOT 16 MAP OF THE WHEELER TRACT, OAKLAND. C. L. Adams \$181; H. C. Sheridan and J. Cooper (General Plumbing Co.) \$254; J. C. Sheridan and J. Cooper (General Plumbing Co.) \$254 vs. S. Victor Davidow.
Nov. 29, 1924—NO. 11 DALE AVE. Piedmont, G. Walter Spencer (Spencer Electric Co.) vs. Wm. King, G. W. Ellassen \$42.50
Nov. 29, 1924—NO. 11 DALE AVE. N Cor. of that certain 37.1 acre piece firstly described in certain deed from Realty Syndicate Co. to California Memorial Hospital running E 1/2 of the W boundary line of said 37.1 acre SW 1/4 of lot 3 leaving said line NE on the arc of a circle of 225 radius deflecting to the left a dist. of 23.78 the NE tangent to the arc mentioned arc 102 radius to the left and then to the NE on the arc of 225 radius deflecting to the right and tangent to last mentioned course 37.1 acre NE 136.20 to NW line of said 37.1 acre lot 3 along NE line of said 37.1 acre lot 3 to NW line of said 37.1 acre lot 3 along NE 60.30 to pt. of beg. Oakland. The

INSTALLATION AND COMPLETION
of electric work on above.
Contractor—Ray Hutchins, 4 S Willard
St., San Jose.
Filed Dec. 1, 1924. Dated Nov. 14, 1924.
Payments same as above.
TOTAL COST, \$41,136
Bond, \$5000; Sureties, London & Lan-
cashire Indemnity Co. of America; For-
feit, none, 1924; 225 working days;
Plans and specifications filed.

INSTALLATION & COMPLETION OF
heating and ventilating on above.
Architect—W. H. Weeks, 369 Pine St.,
S. F., and Ender & Curle, associa-
archts., 35 West San Carlos St., San
Jose.
Contractor—Heal Heating Co. of the
City of San Francisco, 192 Eddy St.,
San Francisco.
Filed Dec. 1, 1924. Dated Nov. 14, 1924.
Payments same as above.
TOTAL COST, \$17,955
Bond, \$8977.50; Sureties, Fidelity and
Deposit Co. of Maryland; Forfeit, none;
Limit, 225 working days; Plans and
specifications filed.

BUSINESS and social building, \$162,-
200; N-Fifth St. near Santa Clara,
San Jose. Owner, Knights of Colum-
bus, 65 N-Third St., San Jose;
architect, L. J. Devlin, Pacific Bldg.,
San Francisco; contractor, J. D. &
G. E. Carlson Co., 255 Santa St.,
San Jose.

COTTAGE, 4-room, \$2800; No. 1047 E-
Santa Clara St., San Jose; owner,
M. Ottavoglio, premises; contractor,
Stan Grace, 131 Hollywood St.,
San Jose.

RESIDENCE, 5-room, \$3300; Tenth St.
near Reed, San Jose; owner, Emma
Nugent, 59 S-Tenth St., San Jose;
contractor, Rollie Williams, 130
Harding St., San Jose.

RESIDENCE, 5-room, \$3000; Ninth St.
near Keyes St., San Jose; owner,
W. C. Hatch, 1411 S-Tenth St., San
Jose.

RESIDENCE, 6-room, \$3980; Vine St.
near Willow St., San Jose; owner,
Nick Di Salvo; contractor, Young-
ker & Hathaway, 1357 Sherman St.,
San Jose.

RESIDENCE, 4-room, \$2250; Fifteenth
St. near Jackson St., San Jose; owner,
M. G. Matts, premises; contractor,
W. H. O'Neil, 50 Sierra St., San
Jose.

RESIDENCE, 5-rm, \$3625; Seventeenth
St. near Julian St., San Jose; owner,
V. G. Huffre, premises; contractor,
J. G. Tedford, 751 E-St. James St.,
San Jose.

RESIDENCE, 5-room, \$3250; Sixteenth
St. near Julian St., San Jose; owner,
Geo. Schwinn, premises; contractor,
Rollie Williams, 130 Harding
St., San Jose.

ALTERATIONS, \$1195; No. 249 S-First
St., San Jose; owner, Albur Kahn,
premises; contractor, T. J. Lamm,
312 S-Ninth St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Nov. 25, 1924—BEING NOV. 411, 412,
419—Palo Alto, Mrs. A. L. Byrdie
and Mrs. S. L. Jackson to whom it
may concern, Nov. 18, 1924
Nov. 25, 1924—LOT 9 BLK 1, Burrell's
15 ft. Lot 10 Blk 2, East San Jose
Homestead Assn. to W. Whiteside,
to whom it may concern, Nov. 25, 24
Nov. 25, 1924—LOT 2 BLK 4, Rose
Lawn Ptn. Los Coches Rcho. May
Truswell to whom it may concern
Nov. 24, 1924
Nov. 25, 1924—LOT 3 BLK 2, San Jose
Park Tract, San Jose. Harry and
Fannie Hutch to whom it may con-
cern, Nov. 24, 1924
Nov. 26, 1924—LOT 41, Cleaves Tract,
San Jose. James P. Monahan to B.
J. Smith, Nov. 25, 1924
Nov. 25, 1924—LOT 51 Orchard Park
Shdn, San Jose. George W. Humph-
reys to whom it may concern, Nov. 25, 1924
Nov. 26, 1924—LOT 5 BLK 1, Burrell's
Shdn, San Jose. C. V. and Laura
I. Brown to whom it may concern,
Nov. 21, 1924
Nov. 26, 1924—PTN LOTS 7 and 18
Blk 22, Seale Addition, Palo Alto.
William H. and Clementia L. Gib-
son to whom it may concern,
Nov. 13, 1924

Nov. 25, 1924—LOT 46, Willows Resi-
dent Tract, San Jose. Elmer A.
Rothe to whom it may concern, Nov. 25, 1924

Nov. 25, 1924—LOT 15, Willows Resi-
dent Tract, San Jose. Elmer A.
Rothe to whom it may concern, Nov. 25, 1924

Nov. 29, 1924—LOT 5 Alameda Manor,
San Jose. H. J. Lombard to whom it
may concern, Nov. 25, 1924

Dec. 1, 1924—LOT 13 BLK 46, Palo
Alto. Robert B. McNabb to Aro &
O'Connell, Nov. 27, 1924

Dec. 1, 1924—LOT 2 BLK 2, Roosevelt
Park, San Jose. Leo A. Schutte to
whom it may concern, Dec. 1, 1924

Dec. 1, 1924—LOT 46 BLK 4, Garlepp
Shdn, San Jose. A. A. Scott to
whom it may concern, Dec. 1, 1924

Dec. 1, 1924—PTN LOT 4 BLK 28,
University Grounds, San Jose.
Addie A. Thompson to whom it may
concern, Dec. 1, 1924

Dec. 2, 1924—LOT 44, Hanchett Court
part of Los Coches Rancho, San
Jose. Claude and Ethel P. Stan-
ander to whom it may concern, Dec. 2, 1924

Dec. 2, 1924—LOT 2, Del Norte, San
Jose. A. R. Dias to W. L. S. F.,
Nov. 25, 1924

Dec. 2, 1924—LOT 20 FT. of LOT 18
and N 20 ft. Lot 19 Blk 16, Beach's
Addn to East San Jose. Josephine
M. Macdonald to whom it may concern,
Nov. 24, 1924

Dec. 2, 1924—LOT 12 Dunne's Sub-
division, San Jose. Giacomo Viso
to whom it may concern, Nov. 20, 1924

Dec. 2, 1924—PORT LOT 2 BLK 94,
being 26x36 on SW Eddy 15 ft. lot,
San Jose. Kingley Ave., San Jose. Chas.
J. Lawrence to whom it may concern,
Nov. 1, 1924

Dec. 3, 1924—LOT 43, Adams &
Keller's Addn, San Jose. Edson
and George Williams to whom it
may concern, Nov. 28, 1924

Dec. 3, 1924—S FIRST near SW Cor.
First and San Julian Sts., San
Jose. George Prindiville to whom
it may concern, Nov. 26, 1924

Dec. 3, 1924—LOT 5 BLK 9, Rose
Lawn, San Jose. John J. Hansen to
whom it may concern, Dec. 3, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Nov. 26, 1924—LOT 3, Myrtle Park,
San Jose. M. E. Harrington vs A. R.
Smith, \$365
Nov. 28, 1924—NW UNIVERSITY
2nd St. SW Seneca St. SW 75x200.
Part Block 51, Palo Alto. James G.
Anderson vs Anna R. Sheldon, \$126
Recorded Amount
Dec. 2, 1924—LOTS 17 and 18 BLK
1, Deane Survey No. 1, San Jose.
Southern Lumber Co. vs A. York,
\$120

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Nov. 25, 1924—PTN LOT 5, Julian R.
Chase Villa Lots No. 2, San Jose.
R. H. Painter to Blanche Margaret
Waters, \$123.65

BUILDING CONTRACTS

SAN MATEO COUNTY

STORE & SHOP BLDGS.
HOWARD AVE. & HATCH ALLEY,
Burlingame. All work for store and
shop buildings.
Owner—Ernest C. Douglas, 1265 Cortez
Burlingame.
Architect—Kuhn & Edwards, Commer-
cial Bldg., S. F.
Contractor—Leonard Diagnardi, 323
Highland Ave., San Mateo.
Filed Nov. 26, 1924. Dated Nov. 19, 1924
Joists up over stores, \$4549
Enclosed and accepted, \$4549
Completed, \$4551
Usual 35 days
TOTAL COST, \$18,195
Bond, \$18,195; Sureties, Hartford Ac-
cident & Indemnity Co.; Forfeit, \$10;
Limit, 90 working days; Plans and
specifications filed.

BUNGALOW
LOT 24 BLK 6 VILLA PARK, BUR-
lingame. All work for bungalow and
garage.

Owner—Harold L. Charroin.
Architect—None.
Contractor—Martin Peterson, 128 Mid-
field Rd., Burlingame.
Filed Nov. 29, 1924. Dated Nov. 18, 1924
Frame up, \$1125
Plastered, 1125
Completed and accepted, 1125
Usual 35 days
TOTAL COST, \$4500
Bond, Forfeit, none; Limit, on or be-
fore Dec. 15, 1924; Plans and specifi-
cation filed.

HOUSES

PORT LOT 19 BLK 129 SOUTH SAN
Francisco. All work for two house-
es with basement.

Owner—Enterprise Foundry Co., Divi-
sion, South San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgom-
ery St., San Francisco.

Filed Nov. 11, 1924. Dated Nov. 1, 1924.
Floor—finished, \$1444.40
Brown coated, 999.29
Completed and accepted, 249.00
Usual 35 days
TOTAL COST, \$3777.60

Bond, Forfeit, none; Limit, 90 working
days; Plans and specifications filed.

RESIDENCE

PORT LOT 139 SAN MATEO PARK,
No. 2, San Mateo. All work for
1-story and basement residence &
garage.

Owner—Albert G. Donham et al, 233
Griffith Ave., San Mateo.
Architect—Chas. E. J. Rogers, Phelan
Bldg., San Francisco.
Contractor—L. R. Robertson, 1312 Palm
Burlingame.

Filed Nov. 28, 1924. Dated Nov. 15, 1924
Framed, \$1745.50
Plastered, 1645.50
Completed and accepted, 1645.50
Usual 35 days
TOTAL COST, \$5036.50

Bond, \$3291; Sureties, J. W. Garner;
Forfeit, \$10; Limit, 90 working days;
Plans and specifications, none.

PERMITS

STORE, \$11,000; Lot 34 Blk 17 Broad-
way, Burlingame; owner, George
Liberopoulos.

SHOP, \$2800; Donnelly Ave., Burlin-
game; owner, Dessin Bros., Main
and Donnelly Sts., Burlingame.

BUNGALOW and garage, \$5000; Lot 15
Blk 33 Drake, Burlingame; owner,
H. Hughes, 1336 Balboa, Burlin-
game.

RESIDENCE and garage, \$6000; Lot 3
Blk 37 Bernal, Burlingame; owner,
O. C. Carlson, 100 Stanley, Burlin-
game.

RESIDENCE and garage, \$6000; Lot 34
Blk 43 Bernal, Burlingame; owner,
Anthony M. Hultberg, 1524 Floribunda
Burlingame.

RESIDENCE and garage, \$6000; Lot 36
Blk 43 Bernal, Burlingame; owner,
Anthony M. Hultberg, 1524 Floribunda,
Burlingame.

RESIDENCE and garage, \$6500; Lot 139
Clark Drive, San Mateo; owner,
A. C. Donahy, 233 Griffith Ave.,
San Mateo; contractor, L. R. Rob-
ertson, 1312 Palm Drive, Burlin-
game.

BUNGALOW, \$3000; Lot 9 Blk 2 South
St. San Mateo; owner, Ray See
215 2nd, San Mateo; contractor,
Harry Kime, 55 No. C, San Mateo.

RESIDENCE, 2-story, 3-room, \$12,000;
Pine, 246 3rd Division, San Mateo
Park, San Mateo; owner Oscar Bal-
deman Jr., 756 Occidental, San Ma-
teo; architect, Mitchell, Jackson Co.,
235 Third Ave., San Mateo; con-
tractor, Mitchell, Jackson Co., 235
Third Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Nov. 26, 1924—LOT 25 BLK 7 BUR-
lingame Grove Burlingame. George
McGregory to C. J. Autwiler,
Nov. 21, 1924
Nov. 26, 1924—MAPLE AVE SOUTH
San Francisco. South San Fran-
cisco Land & Improvement Co.
to Chas. J. Lindgren, Nov. 17, 1924

Nov. 28, 1924—LOT 24 BLK 2 E EAST-
ingame Terrace, Burlingame.
W. L. Adams, owner, to George W.
Williams, Nov. 25, 1924
Nov. 28, 1924—PORT LOT 10 BLK 7
Eastmains, Burlingame.
Edward A. Beran to whom it may concern, Nov. 25, 1924
Nov. 28, 1924—LOT 3 BLK 61 EAST-
ingame Terrace, Burlingame.
J. J. Campbell to whom it may concern, Nov. 25, 1924
Nov. 28, 1924—LOT 2 BLK 58 EAST-
ingame Terrace, Burlingame.
J. J. Campbell to whom it may concern, Nov. 25, 1924
Nov. 28, 1924—BROADWAY, 2 BLK 2
Puchino Ave., Burlingame. Charles
J. Puchino et al to whom it may concern, Nov. 25, 1924
Nov. 28, 1924—LOT 12 BLK 43 EAST-
ingame Terrace, Burlingame.
A. D. Lees to Roy Allen
Nov. 28, 1924—LOT 1 BLK 31 EAST-
ingame Terrace, Burlingame.
L. M. Fuller to whom it may concern, Nov. 25, 1924
Nov. 28, 1924—LOT 1 BLK 2 BUR-
lingame Grove, Burlingame.
Gordon Armstrong et al., Nov. 26, 1924
Nov. 28, 1924—LOT 1 BLK 2 BUR-
lingame Grove, Burlingame.
Gordon Armstrong et al., Nov. 26, 1924
Nov. 28, 1924—LOT 19 BLK 40 EAST-
ingame Terrace, Burlingame.
E. J. Har-
grove to whom it may concern, Nov. 25, 1924
Dec. 1, 1924—LOT 32 & 33 BLK 19
Burlingame Grove, Burlingame.
Edmund H. Liff to C. H. Liff
Bldg. Co., November 29, 1924
Dec. 1, 1924—PORT LOTS 6 & 7 BLK 2
Dingee Park, Redwood City. Dan-
iel R. Stafford to Louis N. Pol-
lard, Dec. 1, 1924
Dec. 1, 1924—S SIDE THIRD AVE.
bet. State Highway and A St., San
Mateo. E. Getz to corp. to Dave
Tomsky, Nov. 28, 1924
Dec. 1, 1924—LOT 1 BLK 11 SACRA-
mento. Mitchell & Kelly
et al to whom it may concern, Nov. 25, 1924
Dec. 1, 1924—LOT 1 BLK 11 SACRA-
mento. Mitchell & Kelly
et al to whom it may concern, Nov. 25, 1924
Dec. 1, 1924—LOT 11 BLK 44 DINGEE
Park, Redwood City. Wm. E.
Johnson to Harry Arnold, Nov. 26, 1924

Filed Nov. 26, 1924. Dated Nov. 14, 1924
Payments not given.
TOTAL COST, \$15,630
Bond, Forfeit, Limit, Plans and speci-
fications, none.
FLAT BLDG. (4) and garage, \$10,500;
513-515 26th, Sacramento; owner, H.
L. Mee, 1920 13th, Sacramento.
DWELLING, 5-room and garage, \$3,000;
723 T. St., Sacramento; owner, F. A.
Hadler, 1851 41st Sacramento.
DWELLING, 5-room and garage, \$3,500;
1909 27th, Sacramento; owner, Leo
Del Nero, 2222 C, Sacramento; con-
tractor, Jas. Des Broer.
DWELLING, 8-room and garage, \$7,500;
1059 48th, Sacramento; owner, C. E.
Wright, 807 J, Sacramento.
DWELLING, 5-room and garage, \$3,500;
3250 Riverside Road, Sacramento;
owner, Mrs. M. Dyreberg, 2016 10th
Sacramento.
DWELLING, 4-room and garage, \$2,100;
355 1st, Sacramento; owner, Mrs.
F. C. Hill; contractor, R. L. Hath-
away.
DWELLINGS (2) 5-room each and gar-
ages, \$2,000 each; 3436 & 3430 40th
Sacramento; owner, W. T. Foster,
3400 4th Ave., Sacramento.
DWELLING, 6-room, \$3,000, No. 2512
S St., Sacramento; owner, F. A.
Dittler, 1801 G St., Sacramento; con-
tractor, J. N. Harper, 5126 14th
Ave., Sacramento.
DWELLING, 3-room, \$1,950; No. 2540
51st St., Sacramento; owner, V.
Rocco, 3200 Y St., Sacramento.
DWELLING, 5-room, \$3,000; No. 2809 E
St., Sacramento; owner, W. R.
Beach, 2815 E St., Sacramento.
TANKS, \$3,000; No. 1101 Y St., Sacra-
mento; owner, A. F. Reed, 2545 28th
St., Sacramento.
DWELLING, 4-room and garage, \$2,800;
No. 1517 32nd St., Sacramento;
owner, A. McFarlane, 821 42nd St.,
Sacramento.
FLATS (2) 6-room and 2 garages, \$9,000
No. 901 35th St., Sacramento; own-
er, A. M. Wallace, 3521 J St., Sacra-
mento; contractor, Campbell Con-
struction Co., bet. Nicholas Bldg.,
Sacramento.
FLATS, (2) 2-room, \$7,000; No. 3021 T
St., Sacramento; owner, A. Hoffman,
1214 H St., Sacramento; contractor,
W. L. Chatterton.

Nov. 25, 1924—N 3/4 FT OF LOT 1 G
119 10, W. M. Plummer vs L. J. &
Hannah Anderson, \$609.50
Nov. 25, 1924—LOT 1649 EXCEPT N
30 ft. W & K Tract 24. Owners
Plumbing & Heating Supply Co. vs
E. M. Reagh, Frank Davis, An-
drew J. Noone and Frances L.
Noone, \$113.90
Nov. 25, 1924—N 1/2 LOT 6 BLK 26
Oak Park. Owners Plumbing and
Heating Supply Co. vs J. W. &
Blanche B. Miller and Frank Davis,
\$60.57

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

ALTERATIONS
LODI UNION HIGH SCHOOL SITE. All
work for converting one-story
brick shop into boys' gymnasium.
Owner—The Board of Trustees of Lodi
Union High School District, No. 24.
Architect—Wright & Saterlee, Bank of
Italy Bldg., Stockton.
Contractor—Fredrickson & Shannon,
1st National Bank Bldg., Stockton.
Filed Nov. 28, '24. Dated Nov. 24, '24.
TOTAL COST, \$45,774
Bond, none. Limit, 65 working days.
Forfeit, plans and specifications, none.

DWELLING
LOT 8 BLK 125, E of Center St., Stock-
ton. All work for two-story frame
duplex dwelling.
Owner—G. C. Patterson.
Architect—None.
Contractor—H. H. Henning, 1751 Ber-
keley St., Stockton.
Filed Dec. 2, '24. Dated Nov. 29, '24.
TOTAL COST, \$9,485
Bond, none. Limit, 90 working days.
Forfeit, plans and specifications, none.

DWELLING and garage, \$5,000; No. 846
N-Lincoln St., Stockton; owner,
Mrs. M. Kuhl, 837 N-Lincoln St.,
Stockton; contractor, F. Paul Dob-
son, 920 W-Harding Way, Stockton.
STORE front and install toilets, \$2,500;
No. 33 S-Sutter St., Stockton; own-
er, Mrs. W. H. Orr; contractor, O.
H. Hain, 807 F. & M. Bldg., Stockton
DWELLING and garage, \$4,500; No. 1122
W-Magnolia St., Stockton; owner,
M. A. Tunnell, 206 S San Joaquin
St., Stockton.

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Nov. 26, 1924—LOTS 16 & 17 WIN-
chester Tract, Atherton. John H.
Campbell vs. City of Grover Insurance, \$100
Nov. 25, 1924—LOTS 16 & 17 WIN-
chester Property Atherton. Wer-
ner Lumber Co. vs. Josephine Met-
Chiff \$346.50 vs Genevieve E. In-
gram et al.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Dec. 1, 1924—N 1/2 LOT 1800 and S 1/2
Lot 1801 W & K Tract 24, Sacra-
mento. Carl L. Wapple to whom
it may concern. Oct. 4, 1924
Nov. 25, '24—LOT 82 YOERK COURT
James L. Watson to whom it may
concern, Nov. 22, 1924
Nov. 25, 1924—S 47 FT LOT 16
Avery Tract. Chas. Craig to whom
it may concern, Nov. 24, 1924

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Nov. 25, 1924—S 50 FT LOTS 10 TO
15 BLK 6, Lisenby Tract, Fresno.
R. H. Cox to whom it may concern
Nov. 25, 1924—LOTS 4 AND 5 BLK 25
Paige Tract, Fresno. L. A. Erickson
to whom it may concern, Nov. 24, '24
Nov. 25, 1924—LOTS 11 AND 12 BLK
2, Holladay Tract, Fresno. Wm. A.
Beran to whom it may concern, Nov. 23, 1924
Nov. 28, 1924—LOTS 17 AND 18 BLK
3, Fresno Heights, Fresno. A. C.
Compton to whom it may concern, Nov. 26, 1924
Nov. 28, 1924—SANGRE, Sanger School
District to Irwin & Hopkins, Nov. 25, 1924

BUILDING CONTRACTS

SACRAMENTO COUNTY

GARAGE
LOT 4 K L 15 16, Sacramento. All
work for garage building.
Owner—Miller Automobile Co., 1615 M
St., Sacramento.
Architect—None.
Contractor—Wm. V. Whitsell, 2900 C
St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock \$100,000
Sacramento, Placerville,
Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

CONTRA COSTA COUNTY

BUILDING, 3-story brick, \$7,500; Mac-
donald Ave. bet. 14th and 15th Sts.,
Richmond; owner, P. M. Black, 2315
Brooks Ave., Richmond; contractor,
Tandy & Theis, 234 Chansior Ave.,
Richmond.
DWELLING, one-story frame, \$2,000;
36th St., bet. Nevlin & Barrett Sts.,
Richmond; owner, L. C. Miller, 2215
Nevlin Ave., Richmond.
DWELLINGS (5) one-story frame, \$2,200
each; S Pennsylvania St. bet. 2nd
and 3rd Sts., Richmond; owner, D.
B. Coleman, Pacific Bldg., San
Francisco; contractor, J. P. Thyhurst,
715 Macdonald Ave., Richmond.
STEEL service station, \$5,000; SW Cor.
Fourteenth St. and Macdonald Ave.,
Richmond; owner, Standard Oil Co.,
225 Bush St., San Francisco.
DWELLING, one-story frame, \$4,600;
3 Barrett St., bet. 22nd and 23rd Sts.,
Richmond; owner, J. E. Moore, Cor.
10th and Roosevelt Sts., Richmond;
contractor, S. E. Roberson, 930
Pennsylvania St., Richmond.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Nov. 22, 1924—LOT 333, Buckart
Villas, a subdivision of a portion of
Section 45 of El Rancho del Campo
de los Francescos, filed March 3,
1920, Stockton. G. P. Maddock to
G. P. Maddock, Nov. 19, 1924
Nov. 25, 1924—LOTS 31 AND 33 BLK
3 of wly Extension of North Stock-
ton. Arthur Hollenbeck to whom
it may concern, Nov. 22, 1924
Nov. 26, 1924—LOT 4 BLK 42, S of
Mormon Channel, Stockton. Celeste
Cotter O'Dougherty to O A Lind-
berg, Nov. 24, 1924

Nov. 28, 1924—SE 50 FT. OF LOTS 19 and 20 Blk 2, Stockton. Charles H Parsons to Charles H Parsons. Nov. 26, 1924
Nov. 29, 1924—LOT 3 BLK 10, Yosemite Terrace, City of Stockton. Charles E William to T E Williamson. Nov. 28, 1924
Dec. 2, 1924—SITUATED ON EIGHTH of West-Wilhoit Tract, Stockton. Richfield Oil Co. by C A Madrey, Secretary to W H Eaton & Son. Nov. 28, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Nov. 20, 1924—PTN SEC. 22 of C. M. Weber's Grant, Stockton. Tom Scally vs E P Jones and George Hornage. \$25.45
Nov. 25, 1924—LOT 3 BLK 10, Lot 4 Blk 100 W of Center St., Stockton. Tilden Lumber & Mill Co vs Mildred V Harrison, wife of J C Harrison. \$63.95
Nov. 25, 1924—LOT 15 BLK 20, Sbdvn No. 2 of Tuxedo Park, Stockton. L W Price vs Charles K Pasma and P H Stitt. \$38.98
Nov. 25, 1924—E ½ LOT 4, all Lot 5 Blk 100 W of Center St., Stockton. F T Fischer and A H Fisher (as Fisher Bros Planing Mill) vs F M Liscom, J C and Mildred C Harrison. \$832.53
Nov. 26, 1924—LOT 6 and E ½ Lot 4 Blk 100, W of Center St., Stockton. Stockton Gas & Electric Appliance Co vs Frank M Liscom and J C Harrison. \$—
Nov. 26, 1924—LOT 6 and E ½ Lot 4 Blk 100 W of Center St., Stockton. George C Smith (as Builders' Supply Co) vs Frank M Liscom and J C Harrison. \$13.95
Nov. 26, 1924—LOT 6 and E ½ Lot 4 Blk 100, W of Center St., Stockton. Chas F Rich (as Stockton The Co) vs Frank M Liscom and J C Harrison. \$277.28
Nov. 26, 1924—LOT 6 and E ½ Lot 4 Blk 100, W of Center St., Stockton. Yolland Ice & Fuel Co vs J C Harrison. \$774.10
Nov. 26, 1924—LOT 6 and E ½ Lot 4 Blk 100, W of Center St., Stockton. George A Willard (as Willard Hardware Co) 238.58, R G McLean (as Pacific Hardwood Floor Co), \$189; C E and H M Manthey (as Manthey Bros), \$45.90; Walter E Zerwick, \$50 vs Frank M Liscom and J C Harrison. \$—
Nov. 28, 1924—LOTS 1 AND 3 BLK 6, Belvedere Addition to the City of Stockton. San Joaquin Brick Co vs William Clements. \$71.11
Dec. 2, 1924—LOT 9 BLK 13, Homestead Addition to the City of Stockton. Raymond L Hunting, \$49; L C Smith, \$67.50 vs Nick Guzman and Margaret Guzman. \$—
Dec. 2, 1924—LOT 1 Division "A" Mountain View Acres Tract, Stockton. Santa Fe Lumber Co at Tracy (as the Tracy Lumber Co) vs Frank Rego. \$316.25

Steel Construction Institute Adopts Code of Standard Practice

During the thirty-five years that have elapsed since structural steel was introduced, there has developed an industry engaged in the fabrication and erection of this material which is now furnishing more than \$300,000,000 worth of products to the public annually. The development of this enormous industry has brought into existence many inconsistent practices and definitions.

To clear up this confusion, and eliminate the various sources of dispute, the American Institute of Steel Construction, representing the industry between the rolling mills and the buying public, has undertaken the codifying of the various trade practices, with a view of establishing uniform procedure.

An instance of one of the many fruitful sources of misunderstanding between buyer and seller is furnished by the classification of the various iron and steel items entering into a structure. In the past there has existed a great deal of confusion as to just what constitutes structural steel and iron. The Institute's Code of Standard Practice has divided the steel entering into a structure into the following classes: Class "A"—Structural Steel and Iron; Class "B"—Ornamental Steel and Iron; Class "C"—Steel Floor Joists; Class "D"—Miscellaneous Steel and Iron.

Under these four classifications the various items are enumerated in sufficient detail to eliminate any possibility of doubt as to the material to be delivered under contract.

This classification is typical of the thoroughness of the manner in which the code has been developed. A committee of the Institute worked for a year on the codification of the best engineering practice. When the first draft was completed, it was sent out broadcast to engineers, architects, contractors, technical publications and others interested, with a request for criticisms and suggestions. More than 150 letters were received, all of which were carefully analyzed, and the first draft of the code revised to embody

those which developed to be pertinent. This revised draft was reviewed by a committee of eight engineers, who also made certain revisions and suggestions. The resulting draft was in turn distributed, much in the same manner as the committee's first copy, and the document was finally reviewed by the board of directors of the Institute. The last step was to have the code studied from a legal standpoint by two prominent attorneys. The result of this painstaking effort has been described by prominent engineers and technical experts as the most accurate code of practice ever developed for any industry.

Throughout the code every possible effort has been made to safeguard the interests of the buyer equally with those of the seller. The result is a code which defines in unmistakable terms the rights of all parties concerned, with a resulting economy to the user and producer of structural steel in its various forms.

The report clears up definitely the basis of invoice weights. It defines what constitutes a plumb building, something which has never been done before. On the question of delays, rigid requirements have been set up which tie the hands of the seller equally with those of the buyer in every detail, and making the question of compensation and adjustments for such delays simple, definite, and free from obscurity or the countless loopholes that have been the source of so much annoyance to the industry and the users of structural steel.

In connection with the code, the Institute has worked out a standard form of proposal, under which the seller agrees to furnish to the buyer certain materials and labor, "in accordance with the conditions of the Code of Standard Practice of the American Institute of Steel Construction." Execution of this proposal by buyer and seller is all that is necessary to make the code operative on any contract.

PREDICTS PROSPEROUS 1925

"The stage is set once more for a period of sustained prosperity," Col. Leonard V. Ayres, vice president of the Cleveland Trust Company and an economist of international reputation, told members of the Cleveland Chamber of Commerce at a recent meeting. He summarized his view of 1925 in this way.

"Early in 1925 interest rates will be low with a rising tendency.

"Bond prices will rise, reach their peak and start to turn downward.

"Stock prices will rise, reach a peak and start downward.

"It will be a year of large volume of building construction but not record-breaking, not like 1923 or 1924.

"Building costs will remain firm.

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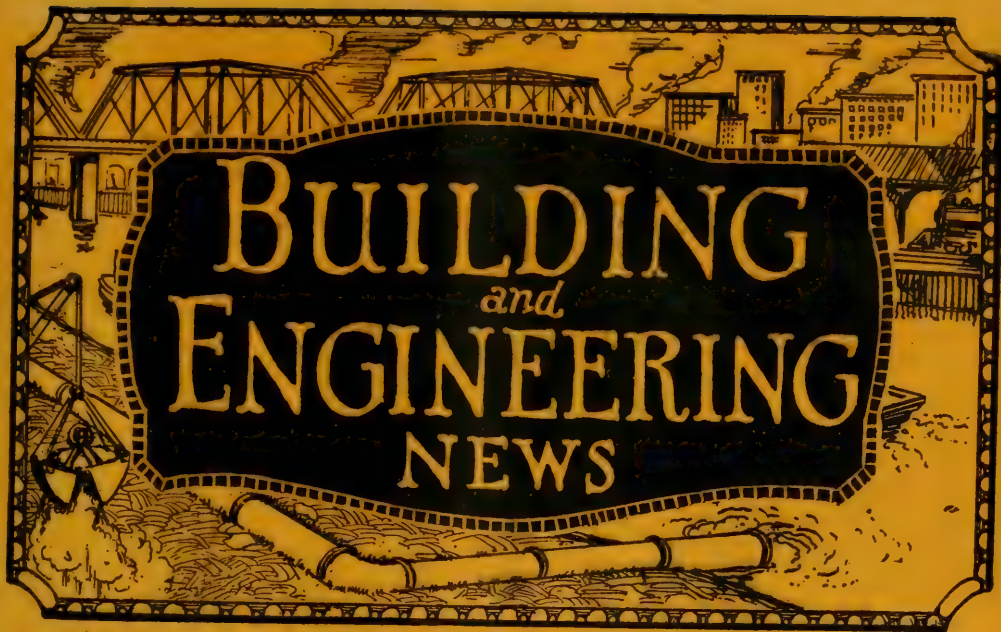
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SAN FRANCISCO, CALIF., DECEMBER 13, 1924

Published Every Saturday
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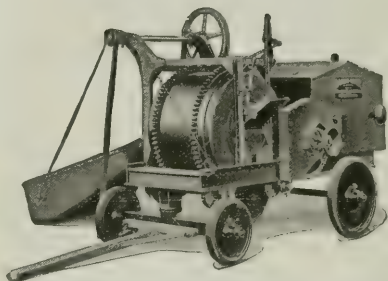
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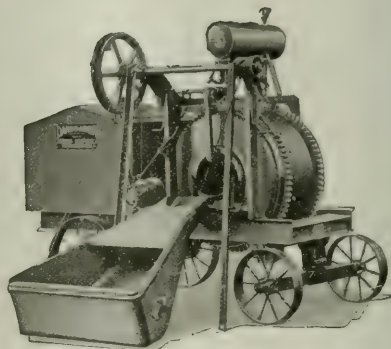
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 13, 1924

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TILE INDUSTRY FAVORS HIGH TARIFF FOR PROTECTION

To protect the American tile manufacturing industry from dangerous foreign competition, the tile contractors of this country favor a high tariff on the imported product. This was declared by Clarence W. McCaulley, president of the eastern district of the National Tile Contractors' Association of America. He said:

"The imported tile cannot compare in quality and workmanship with the American product, but the factories abroad are rapidly improving their product which is entering this country in increasing quantities.

"It will not be long before the foreign competition, because of cheap labor abroad, will injure the industry here. The contractors, however, even though it may seem a loss of money, because of raised costs, advocate a protective tariff to protect the tile industry in the United States."

Delegates and officials to the convention declare that the tile industry in this country has been free from labor troubles, principally because of a satisfactory wage agreement with the workers, which has nearly two years yet to run, and because of prompt and fair arbitration of all controversies.

BUSINESS BOOM FORECAST BY U. S. TREASURY HEAD

Years of "prosperous and healthy conditions such as succeeded the election of 1896" were forecast for the United States by Secretary Mellon in the annual report of the Treasury sent to Congress.

The Secretary's views are based, he said, on the repudiation of "various theories inconsistent with economic laws" and the indorsement of a program of constructive handling of government affairs given in the last election. He counseled the nation, however, to approach its problems with intelligence that the progress made and the groundwork laid in the last four years may not come to naught.

The United States, he asserted, was the first world power to come through the post-war transition stage successfully and the first to be able to present "reasonable assurance" that "true progress" will continue within its border. Mr. Mellon urged perpetuation of the program adopted by "the great majority of our people in the last election" which he interpreted as one of "hard work, economy and sound policies."

In general economic conditions as well as in the domain of federal fiscal operations, Mr. Mellon recounted how complete the transition had been. He said that in the last four years the per capita tax on citizens of the United States had been cut from \$54 to \$27, or exactly one-half; public expenditures which in 1920 exceeded \$6,500,000,000 which then ended last July 1 and the "complete disorganization" of the economic structure by the collapse of prices in 1922 and 1921 has been rectified.

The lifting of the tax burden, although slight as the decrease has been, has done much for business, Mr. Mellon said, and he expressed the hope that more could be done soon. He said he desired tax reform as well as tax reduction and warned against using the field of taxation as a field "for socialistic experiment or as a club to punish success." If this were done, he said, the conditions of a few years ago may come back.

SACRAMENTO IS SEEN AS IDEAL FOR GLASS AND PAINT PLANTS

Sacramento was described as the most logical site in the country for a paint and glass factory of large output. W. E. Thomas of the Southern Pacific's paint department declaring the Washington district of Nevada County to be the best of vast quantities of the best raw materials to be found in the world for this purpose. Thomas spoke at the regular weekly meeting of the bureau of mines and mining of the Sacramento Chamber of Commerce.

"Los Angeles has 200 paint factories, San Francisco a like number," said Thomas. "Sacramento has one, with the best ochres and silicas to be found anywhere in the world at her very doorstep."

Thomas, for many years a miner, working twelve years in the Plymouth Mine in Amador County, has prospected throughout the state and foresees a big industrial future for Sacramento if advantage is taken of the proximity of mineral resources. In his talk he blamed the high cost of mining on unskilled labor.

PAVING MATERIALS PRODUCED IN 1923

The Department of Commerce announces that, according to data collected at the biennial census of manufactures, 1923, establishments engaged primarily in the manufacture of paving materials reported products valued at \$71,648,660, an increase of 17.2 per cent as compared with 1921, the last preceding census year. This industry classification covers establishments whose principal products are paving blocks (including granite but not including other forms of stone) and paving materials of all classes, mixed and unmixed, for streets, sidewalks, and floors.

In addition, paving materials were manufactured to some extent as secondary products by establishments engaged primarily in other industries. The value of such products thus made outside the industry proper in 1921 was \$2,797,639, an amount equal to 4.6 per cent of the value of producers reported for the industry as classified. The corresponding value for 1923 has not yet been ascertained but will be shown in the final report of the present census.

Of the 626 establishments reporting for 1923, 140 were located in Pennsylvania, 64 in Ohio, 49 in New York, 36 in Missouri, 34 in New Jersey, 25 in Illinois, 24 each in California and Indiana, 18 each in Kentucky and Maryland, 17 in Massachusetts, 15 each in Virginia and Wisconsin, 14 in Tennessee, 13 in Iowa, 12 each in Connecticut and Kansas, 11 in Texas, 9 each in North Carolina and Oklahoma, 8 in West Virginia, 7 in Oregon, 6 each in Alabama, Minnesota, and Nebraska, and the remaining 34 in 12 other States. In 1921 the industry was represented by 653 establishments, the decrease to 626 in 1923 being the net result of the loss of 85 establishments which had been included for 1921 and the addition of 58 which had not been classified in this industry for that year. Of the 85 establishments lost to the industry, 21 had gone out of business prior to the beginning of 1923, 28 were idle during the entire year, 34 reported products valued at less than \$5000 (no data are tabulated at the biennial censuses for establishments with products under \$5000 in value), and 2 were engaged in the manufacture of products other than paving materials in 1923 and were therefore transferred to the appropriate industries. Of the 58 establishments not previously classified in this industry, 55 were new to the census and 3 manufactured other products than paving materials in 1921.

PERMANENT HIGHWAYS

Many persons fail to make a distinction between "high class" pavements and "permanent" highways. These terms seem to be synonymous. No highway is permanent except by maintenance and repairs as the traffic, the wind and the rain wear the road away. A gravel road adequately maintained is as permanent as a cement concrete road properly maintained, and gravel in its place will have an annual cost of about one-third as much as the concrete. He who speaks of "high class" construction as "permanent" construction is either confusing his hearer or deceiving himself.—Nevada Highway News.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



Governor Richardson's highway Committee-of-nine, which was appointed early this year under authority of the 1923 legislature to make a study of the road system and to report on a plan of future financing, has opened a four-day meeting in Sacramento, for the purpose of formulating its report. Meetings will be held in the office of the state highway commission and will be presided over by Arthur H. Breed of Piedmont, chairman of the committee. It is believed that the committee is certain to recommend an increase in the gasoline tax from one cent to two cents for new highway construction. During its investigations, the members held conferences with the boards of supervisors in every one of the fifty-five counties of the state and traveled approximately 20,000 miles. Eleven full weeks were spent in the work, the first conference having been held in San Diego in April and the last in San Francisco in November.

A. H. Babcock, electrical engineer of the Southern Pacific, with headquarters at San Francisco, is one of 30 scientific men invited by the National Research Council to attend a session of the American section of the International Union of Scientific Radiotelegraphy to be held at Washington, D. C., December 30. The meeting will be in the nature of a clearing house discussion of current progress in radio wave research. The National Research Council is the foremost scientific research organization in the United States.

Charles Peter Weeks and William Peyton Day, San Francisco architects and engineers, have filed suit in the Superior Court against John P. McLaughlin, Collector of Internal Revenue, for the return of \$718 collected from them as income tax on money they received for professional services on two new state buildings at Sacramento. The architects assert they are Government employees in the work and that as such their pay is exempt from income tax.

Los Angeles has mapped a program of \$100,000,000 for street improvements. One calls for the adoption of a city wide street plan. The other requires \$5,000,000 to provide the city's portion of carrying out the first unit of the proposed traffic relief.

James Schaffer, retired lumberman, for 35 years a resident of Reno and Sparks, Nevada, died in the latter city, Dec. 8, at the age of 88 years. The deceased was formerly prominent in lumber and milling circles, but retired from active business a few years ago.

The Bakersfield city council has adopted an amendment to the license ordinance in which contractors and electricians will be subject to a graduated license tax.

M. B. Pratt, California state forester, was elected president of the Association of State Foresters at the annual convention of the officials held in New Orleans, Louisiana, December 1st to 4th.

The California State highway department is now engaged in the compilation of the biennial report for the period ending June 30, 1924. It will be filed with the Governor in the near future.

Chas. F. Lowy, deputy state labor commissioner, has asked a committee representing various branches of the building industry in Los Angeles to assist Deputy City Attorney W. Perry Thomas in drafting proposed legislation aimed to eliminate irresponsible and unscrupulous persons posing as contractors. The surety companies have also been asked to name a representative on the committee. Legislation will be sought in the form either of a state law or city ordinance. Tentative suggestions of the committee are for licensing and bonding of contractors and for an amendment to the mechanics lien law which will afford better protection to building trades workers.

The Red River Lumber Company has filed a complaint with the Railroad Commission against Southern Pacific Company charging the latter with having collected excessive rates on lumber shipped from Westwood, Lassen county, to points in California. 29 to 43 miles distant from Westwood, at the same rate applicable to shipments to Reno, Nevada, and Sacramento, 150 and 305 miles, respectively, from Westwood, during the years 1922, 23 and 24. Complainant asks reparation for the alleged excessive charges.

C. R. Madison, contractor, in addressing the Berkeley Realty Board, pointed out the great strides made in equipping buildings, particularly homes, with conveniences unthought of a quarter of a century ago. Madison declares when he left Indiana University in 1890, there was not a bathtub in the town. Today, he says, we are wiring for radio the homes which we are building.

City Engineer M. M. O'Shaughnessy of San Francisco estimates the cost of the Eureka Valley-Mission-Sunset Municipal Railway tunnel at \$1,600,000. The city, under the proposed plan of financing, would pay \$600,000 of the cost, the remaining \$1,000,000 to be paid by property owners in an assessment district.

Abolition of fees for building permits is proposed in a resolution drawn up by the Chico Real Estate Board which finds that the charging of fees has lowered the building estimates as recorded on the building inspector's estimates. On every \$100 a charge of \$.25 is made.

Los Angeles Pressed Brick Company is planning early construction of a three-story factory building in Date St., Los Angeles, to replace plant recently destroyed by fire. The structure will cover an area of 200 by 200 feet. Plans will provide for a five-story structure, two additional stories to be constructed at a later date.

Sugar Pine Lumber Company of San Francisco announces \$250,000 will be expended in winter developments at its camp in Pindale, Fresno County. The work will include the erection of an administration building, 142 by 123 feet. Enlargement of the mill pond is also contemplated.

Rhodes-Jamieson Co., of Oakland has purchased gravel property comprising 135 acres in Murray Township, at Eliot, near Pleasanton, Alameda county, and will establish a gravel plant on the tract.

C. H. Snyder, San Francisco structural engineer, has been appointed by the Sacramento city commissioners, as structural engineer on the Sacramento municipal auditorium project, succeeding Geo. J. Calder, who resigned. Snyder was appointed on recommendation of M. C. Bottorff, city manager of Sacramento. Snyder has agreed upon a flat sum of \$3000, payable in six monthly installments for his services. He will act in the capacity of consultant throughout the preparation of the drawings and when the drawings are completed he will make a complete check of all computations and details. Snyder is one of the outstanding structural engineers on the Pacific Coast. He has handled a large number of the important buildings constructed in recent years. Some of the principal buildings are as follows: San Francisco City Hall; all of the Pacific Gas and Electric Company's buildings; University of California hospital; Lane Hospital, San Francisco; Sutter Hospital; Sisters Hospital; Sacramento County Hospital; Santa Fe station, San Diego; Union Steamship building, Sydney, Australia; twenty-five school buildings in San Francisco, and a new building at Stanford University.

George F. Nicholson, chief engineer of the Seattle harbor department, has been appointed chief engineer of Los Angeles harbor to succeed J. W. Ludlow, who retired Jan. 1. He will receive a salary of \$10,000 a year. Announcement is made also of the acceptance by Major Gen. Lansing H. Beach of the post of consulting engineer at a salary of \$15,000 a year. He will not assume any responsibility for the work of the chief engineer of the harbor, but will deal only with matters referred to him directly by the board.

Two distant lands recently have sent representatives to investigate California state highways. Mamerto Cruz, engineer of the Bureau of Public Works, Manila, Philippine Islands, and Mohammed Raffal, an engineer from Egypt. They were particularly interested in the prison road camps.

The city manager form of government adapted recently at Porterville by ordinance of the city council, will be submitted to a referendum of the voters of the city, according to a decision of the court upon a petition bearing the signatures of about 800 voters were presented asking the referendum.

Articles of incorporation of the Pacific Highway Association have been filed with the Secretary of State at Sacramento. The directors are: F. W. Wilson, Vallejo; Victor J. Heck, San Francisco and A. C. Woodrue, Rodeo, Calif.

Lambert Wierda, city building inspector of Richmond, has tendered his resignation to the city council, declaring that his salary, \$225 a month, was insufficient.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

NEW MEMBERS

Applications for membership have been presented by the following with the San Francisco Builders' Exchange: Zouri Company of California, copper store fronts; D. M. & E. Walter, rugs, draperies, carpets, linoleum and window shades; Henry P. Noland, insurance broker; Dracger-Irwin Electric Co., electrical contractors; Concealo Fixture Co., built-in fixtures; Commercial Electric Co., electrical contractors; Pacific Terrazo Marble Co., marble, mosaic, cement and terrazo; R. E. Romano, architect, builder, real estate and insurance broker; United Building Construction Co., general contractors; United States Fidelity & Guarantee Co. Insurance; R. G. Hamilton, real estate loans.

WASHINGTON STATE ARCHITECTS ELECT OFFICERS

Roy D. Rogers, Seattle architect, has been elected president of the Washington State Society of Architects. Other officers elected were: Frederick J. Peters, first vice president; Julius A. Zittel of Spokane, second vice president; J. L. McCauley, third vice president; and T. F. Doan of Bellingham, fourth vice president. The board of trustees includes Harry H. James, four-year term; Theo Buchinger, three-year term; Charles W. Saunders, two-year term. Architect W. C. Jackson was elected secretary-treasurer.

A. G. C. MEET IN WASHINGTON

Invitations to the sixth annual meeting of the Associated General Contractors of America, which will be held in Washington, D. C., January 12, 13 and 14, will be issued at once. In accordance with the annual custom, these cards will carry the official announcement of the date and place of meeting as decided upon at the recent meeting of the executive board, the advisory board and the president's council of the association.

MORTGAGE PAID

R. J. H. Forbes, secretary of the San Francisco Builders' Exchange, reports that the final mortgage on the exchange's proposed new building site at Fifth and Minna streets has been made and the property cleared of all encumbrance. Further, Forbes reports that the Exchange has been offered an increase of thirty per cent over the price paid for it.

ORGANIZATION GROWING

E. S. Swengel, secretary of the Contractors' Association of Santa Clara County, reports the association as growing fast, six new members being accepted for membership during the month of November. The membership is made up of men recognized as the best in their respective lines.

MANAGER ELECTED

Cal Leigh has been elected manager of the Santa Monica Bay Builders' Exchange, and temporary headquarters have been established at 1341 Fourth Street, Santa Monica. C. Allen Maule is president of the exchange.

SACRAMENTO ARCHITECTS TO HOLD ANNUAL DINNER MEET

R. A. Herold, acting chairman of the arrangements committee of the Sacramento Architects' and Engineers' Club, has announced plans for the annual get-together meeting of members of the building industry of Superior California. Invitations to several hundred engineers, architects, contractors and builders are being issued for the dinner, which will take place December 17th at the Sacramento Builders' Free Exhibit, 910 Ninth street.

Entertainment during the dinner will be provided by a committee headed by Jens. C. Petersen. Short speeches are to be made by a number of those present at the dinner.

The committees handling the affair are as follows:

Arrangements committee—R. A. Herold, G. M. Simonson, T. E. Stanton, James Dean and W. H. Rockingham.

Program committee—Jens C. Petersen, R. E. Backus, H. W. De Haven, L. F. Starks and Harry Devine.

Reception committee—C. Cuff, E. J. Seadler, T. Poague, F. A. S. Foale and C. Pope.

SACRAMENTO BUILDERS ELECT

W. C. Keating, general contractor, was chosen president of the Master Builders' Association of Sacramento, at the annual meeting for the election of officers. Keating's term of office will be a year.

The other officers named are: W. W. Cawdell, first vice president; W. R. Saunders, second vice president; Frank P. Williams, re-elected treasurer; G. E. Harvie, secretary; E. R. Beebe, sergeant-at-arms, and L. S. Patterson, re-appointed executive secretary.

EMPLOYMENT CONDITIONS BETTER

An improvement in the general industrial employment situation in many parts of the country was reported recently by the Employment Service of the Department of Labor, in a survey covering October and the early part of November. Concerning the construction industry, the report has the following to say: "A very slight let-up in building activity has made its appearance, due principally to the rapid completion of many large projects. However, the volume of work now under way will provide steady employment to resident building tradesmen well into the Winter months."

BUSINESS CLUB HEARS TALK ON UNIFORM BUILDING CODE

"The seven East Bay cities are all operating under different building laws, which is an economic waste; the conflicting laws work a hardship on contractors, owners and the public," said Horace D. Jones, speaking before the Oakland Mutual Business Club at Hotel Oakland. Jones is chairman of the code revision committee of the Alameda County Builders' Exchange.

"The work of the committee is to perfect a uniform building code which will apply to Oakland, Berkeley, Alameda, Piedmont, Emeryville, San Leandro and Richmond. When completed, which will probably be in about six months, the code will be used as a model by Oregon, Washington, Arizona and other Pacific coast states."

PAINTS AND VARNISHES IN 1923

WASHINGTON, D. C., Dec. 5, 1924.—The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of paints and varnishes reported products valued at \$404,134,231, an increase of 47.3 per cent as compared with 1921, the last preceding census year. For the paint industry alone the total value of products reported was \$291,123,738, an increase of 43.4 per cent as compared with 1921; and for the varnish industry alone, \$113,010,493, an increase of 58.6 per cent.

For the major groups of products (including paints and varnishes manufactured as subsidiary products by establishments engaged primarily in other industries), the statistics show the output of 1923 and the rates of increase as compared with 1921, as follows: Colors (pigments)—value, \$88,446,196, an increase of 85.7 per cent. Paints in oil in paste form—value, \$48,751,938, 4.6 per cent. Paints in oil, ready mixed—quantity, 69,623,976 gallons, 44.8 per cent; value \$123,547,880, 35.6 per cent. Water paints and kalsomines—value, \$9,141,865, 104 per cent. Varnishes and japans—value, \$118,133,673, 66.1 per cent.

Of the 826 establishments reporting for 1923, 132 were located in New York, 100 in Pennsylvania, 90 each in Illinois and Ohio, 70 in New Jersey, 57 in California, 37 in Missouri, 34 in Massachusetts, 24 in Michigan, 23 in Indiana, 22 in Maryland, 21 in Kentucky, 17 in Minnesota, and the remaining 109 in 23 other States and the District of Columbia.

A. S. M. E. ELECTS OFFICERS

With ceremonies appropriate to the occasion, Dr. William D. Durand, Professor Emeritus of Leland Stanford University, was inducted into the office of President of the American Society of Mechanical Engineers for 1925 at the Annual Presidential Reception of the Society held in New York Dec. 2. President Durand has been presented with a gavel having his name, the name of the Society and his date of office engraved on a silver band, a product of the shops of Pratt Institute where it was made by members of the Student Branch of the A.S.M.E. in that institution.

At the same meeting Robert W. Angus of Toronto, S. F. Jeter of Hartford, and Thomas L. Wilkinson of Davenport, assumed their duties as Vice-Presidents, and the following became Managers: John H. Lawrence of New York City, E. A. Muller of Cincinnati, and Paul Wright of Birmingham.

BRIDGE DAMAGE REPORTED

T. A. Bedford and R. L. Thomas, division engineers for the California State Highway Commission, returning from an inspection trip to the Douglas Memorial Bridge site at the Klamath river, 75 miles north of Eureka, report that all work done by the contractors on the \$400,000 structure since last July is a total loss. This includes considerable piling, false work and excavating. The loss is estimated at \$20,000 and was occasioned by the recent high waters of the Klamath river.

STANDARDS BUREAU MEASURES LOADS OF STADIUM DURING PROGRESS OF GAME

Added stresses in the steel reinforcement of a concrete stadium due to the vigorous enthusiasm of the crowds were measured during a recent game by means of the carbon resistance strain gages developed by the Bureau of Standards, Department of Commerce. By using these gages it was possible to record automatically the variations in the loading of the steel when the crowd all rose in a body or stamped in time to the band.

Such mass movement, it has long been known, may increase the live load on the structure far beyond that caused by the people when sitting or standing still or moving at random, but until recently it has not been possible to obtain an accurate record of such sudden changes of stress. In this particular test the live load when the crowd was still was found to increase the stress in the steel by about 1000 pounds per square inch, whereas 4000 pounds would have been considered safe. Under the worst conditions occurring during the course of the game the movements of the crowds sometimes gave an additional 300 pounds per square inch.

It is pointed out, however, that the worst conditions from the point of view of safety arise when the crowd in stamping rhythmically, happens to strike the natural vibration period of the structure. It has been reported that under these conditions the stress has exceeded the static live load as much as 150 per cent.

Tests of impact stresses in other stadiums are being made from time to time, and the data being accumulated are expected to be of great value as a guide in the design of such structures. Great uncertainty now exists as to the allowance to be made for impact stresses. It is desirable to keep down the weight, and hence the cost of the structure, but at the same time safety is indispensable.

In making the test the concrete was removed from the reinforcement over short lengths, and the gages were attached directly to the steel. After the test the holes were concreted over again.

A gage of this type depends for its operation on the fact that stacks of carbon rings undergo a change in resistance with change in pressure. It is so arranged that a small change in the distance between the points of attachment to the structure causes a change in the pressures on two of these carbon stacks, the pressure on one being reduced while that on the other is increased. The change in distance is caused by a change in the load carried by the steel.

This gage is connected by three electric wires to the indicating or recording device, and these wires may be of any desired lengths. Changes of load are followed very rapidly, and those lasting only a fraction of a second can be recorded as well as changes of longer duration.

Labor fared "almost phenomenally well" in the general elections, Samuel Gompers, President of the American Federation of Labor, said in a recent interview. "In the face of the tremendous Coolidge landslide, there were elected to the new House of Representatives more members having labor's endorsement than are found in the present House, which has 170 such members."

Seasonal Unemployment and Its Relation to Construction Costs

Special Correspondence by A. W. Dickson, Executive Secretary, National Association of Building Trades Employers

One of the contributing factors entering into present day buildings costs is unemployment during the winter months or so-called "off season." It has been estimated that the average building mechanic is only employed about nine months out of each year and since his cost of living does not automatically stop when his employment ceases, he has to demand a higher rate of pay than men in comparable industries.

What is true of the mechanic is also true in the case of the contractor. Every contractor large or small has a certain amount of overhead which goes on regardless of whether or not he has a contract. Consequently he is obliged to add a certain part of this to the cost of each job he takes, following a period of inactivity if he wants to come out on the right side of the ledger at the end of the year.

This also applies to the material manufacturer and dealer and by the time it is passed along to the building public it has become an important item and the result is, building costs are considerably higher than they would be if the industry was not confronted with an off season each year.

Although every one connected with the construction industry recognized that this period of idling business was uneconomical, nothing was done to correct the situation until the President's conference on unemployment held in Washington in 1921. At that time Secretary of Commerce Hoover appointed a special committee to investigate unemployment in the construction industry and its effect on building costs.

This committee has conducted a thorough investigation and has just recently concluded its work and the results of its findings are now being published in book form.

The committee finds that winter building is both practical and profitable. It urges the building public to stop the practice of withholding the letting of contracts until the busy season. The committee also calls to the attention of contractors the fact that they can do a lot toward leveling the peak load by making special price concessions for winter construction.

Among other things the committee found that "Custom, not climate, is mainly responsible for seasonal idleness in the construction industries." In other words, in those sections of the country where climatic conditions do not have any bearing on construction work there is a tendency to stop operations during the winter months.

In order to determine the actual number of working days lost in various sections on account of inclement weather, the committee secured from the United States Weather Bureau, statistics from nine cities covering an average for the last ten years. This shows a variation in the case of St. Paul from 196.4 cold or rainy working days from November 1 to March 31, to 5.4 days for San Francisco.

Modern methods of construction, however, made it possible for work to

be carried on regardless of climatic conditions. It is now feasible to enclose an entire job with canvas and heat the interior of a building with salamanders so that concrete can be safely poured in the most severe winter weather. Various devices have been invented and are in use which make it possible to heat aggregates in large quantities. Anti freeze solutions are also used in concrete which eliminate to a large extent the possibility of frozen concrete.

One of the advantages of winter construction is the availability of labor both skilled and unskilled. It is a rare case indeed where a contractor is obliged to pay a bonus to men working on a job in winter, while of late years this form of extra compensation has been demanded on nearly all large projects built during the busy season. A survey conducted by the United States Gypsum Company on a winter job costing \$750,000 showed a saving in costs of \$87,710 due to the increased efficiency of the men and their willingness to work for the scale. Bricklayers who had received during warm weather \$16 and even \$20 a day, were glad to work on this building for \$10 a day. The total cost of protecting the job from the weather was \$3,683.

As a general thing, however, costs are somewhat higher on winter construction than they are on warm weather jobs. The increased cost on 30 typical contracts selected by the Hoover Committee showed an average of only 3 1/2 per cent over warm weather costs.

The small extra cost of building during cold weather loses much of its significance when the investment involved is a heavy one. Carrying charges continue at the same rate in cold as in warm weather and a gain of three months' time in the completion of a building is an important item.

Penalties for delay and premiums for hastening construction have done much in the way of stimulating builders to greater ingenuity in winter methods.

Notable examples of major construction operations carried on during winter work in the past two years are the following: The Drake Hotel and the Furniture Mart, Chicago; the Milwaukee Journal, Milwaukee; the Union Trust Building, Cleveland; Lake Placid Club, Lake Placid, N. Y.

Now that the report of the Hoover Committee is available it is believed that more attention will be given to the advantages of winter construction. Organizations such as the Associated General Contractors of America, the National Association of Building Trades Employers, the American Construction Council and many others are interested in the movement and are constantly bringing the importance of this matter before their members.

As a result of the activities of these groups, the time is not far off when the construction industry will operate on a twelve months a year basis and as a consequence, building costs will be reduced.

TIMBER DEAL CLOSED

The sale of 750,000,000 feet of timber in Clatsop and Tillamook counties, Oregon, by A. S. Barry of Seattle to the Oregon American Lumber Company, controlled by the Charles Keith interests of Kansas City, has been confirmed by Kerry. The purchase price is around \$2,200,000. The American Lumber

company has an all-steel and concrete mill at Vernonia.

Another sale reported is that of the Long-Ell Lumber Company of Longview, calling for 1,600,000,000 feet of high-grade timber on the upper Cowlitz river watershed in Southwestern Washington, from the Weyerhaeuser Timber Company at a price of \$4 a thousand feet. Confirmation of the latter sale could not be obtained.

PUBLICATIONS

Substantial Increase in Lumber Orders—National Survey Discloses

(Special Correspondence)

"Report of the Joint Committee on Standard Specifications for Concrete and Reinforced Concrete," dated August 14, 1924, in which the committee reports to its organizational standard specifications for concrete and reinforced concrete, has just been submitted to its members by the American Concrete Institute in booklet form for criticism and information. This report is written around suggestions of specifications for the design and construction of concrete structures, and contains, in appendices, data to be used in doing concrete work. Standard and proposed tests for soundness of cement, grading of aggregates, bending of steel, and similar data, are presented. Members of the societies co-operating through the joint committee, as well as others, are welcome to make a study of this booklet and suggest changes to their associations where changes are yet desired.

The Book of Standards of the American Society for Testing Materials is off the press. It contains the 220 standard specification methods of test, definitions of terms, and recommended practices in effect at the time of its publication. The volume is issued triennially. Those standards that are adopted by the society in the intervening years are published in supplements to the Book of Standards. Before a standard receives the formal approval of the society it is published for one or more years as a tentative standard. Criticisms of such tentative standards are solicited, of which the standing committee concerned takes the cognizance before recommending the adoption of a standard by the society. The Book of Standards is published by the American Society for Testing Materials, 1315 Spruce Street, Philadelphia.

Truscon Maintenance Map, issued by the Truscon Laboratories, Detroit, Michigan, is a sheet about 2 feet wide and 3 feet long on which is reproduced in color a section through a small manufacturing building of modern construction, to 40 points of which run arrows to indicate the places of use of a like number of Truscon products. In the bottom center of the map is a 4-column tabulation—under the head Useful Information—of facts regarding weights of various building and other materials, methods of using same, and other information that anyone who is concerned with plant maintenance should indeed find useful.

"Practical Bricklaying," by Howard L. Briggs and William Carver, is a handbook describing the materials, the tools, and the equipment with which the bricklayer works and explains the approved methods of handling them. One chapter is devoted to the history of brick making and bricklaying and another on how to establish a school for bricklayers' apprentices is included. The book is published by the McGraw-Hill Book Company, Incorporated, 370 Seventh Ave., New York City. The price of the textbook is \$1.75.

Lally Column Company of Chicago, 1001 Leavenworth Avenue, Chicago, is distributing a pamphlet outlining the advantages of Lally columns in building work as compared with rolled steel columns.

According to reports to the National Lumber Manufacturers Association received Dec. 4 from 208 of the largest softwood commercial sawmills of the country, as compared with the revised reports from 332 mills for the preceding week (a difference of 24 mills) production showed a continued decrease. Shipments show a decrease as compared with the reports of the previous week, while orders (new business) are holding up unusually well and are more than 20 per cent above last year for the same week.

For the first time since August, monthly totals for the eight associations show new business above production. In the four weeks ending November 29, new business (as designated by cumulative unfilled orders) was nearly 20 per cent above actual production. This is partly due to the seasonal drop in production, yet the five associations, which report normal production, show new business for the four weeks ending November 29, 12 per cent above normal production.

The unfilled orders of 243 Southern Pine and West Coast mills were 625,260,626 feet, as against 591,616,157 feet for 243 mills the week before. Separately, the Southern Pine group, 155 mills, reported unfilled orders as 251,902,761 feet, compared with 245,567,665 feet for the same number of mills the previous week; 118 West Coast mills had unfilled orders amounting to 373,357,865 feet, as against 345,048,492 feet for 118 mills a week earlier.

Altogether the 358 comparably reporting mills had shipments 110 per cent and orders 134 per cent of actual production. For the Southern Pine mills these percentages were respectively 115 and 128; and for the West Coast mills 101 and 128.

Of the comparably reporting mills, 333 (having a normal production for the week of 208,296,737 feet) reported production 93 per cent of normal, shipments 99 per cent, and orders 122 per cent thereof.

The mills of the California White & Sugar Pine Association make weekly reports, but for a considerable period they were not comparable in respect to orders with those of other mills. Consequently, the former are not represented in any of the foregoing figures. Fifteen of these mills reported a cut of 9,274,000 feet last week, shipments 13,588,000 feet, and orders 13,134,000 feet. The reported cut represents 33 per cent of the total of the California Pine region.

Armstrong Cork and Insulation Company has published a new and very attractive catalog listing the advantages of cork floors. The process of making Armstrong cork tile floors is explained in detail from the first stage, stripping the outer bark of the corked oak tree, to the finished product ready for use as flooring. Copies of the catalog may be obtained by writing to the Armstrong Cork and Insulation Company, Twentyfourth Street, Pittsburgh.

Benjamin Electric Manufacturing Company, New York City, makers of 2-way electric plugs, has issued a folder announcing a prize contest for dealers in its product. Prizes—all useful articles, from watches to wardrobe trunks—to the combined value of \$1000 will be given to those dealers who make the most attractive window displays of the Benjamin Company's product during the holiday season.

The West Coast Lumbermen's Association wires from Seattle that new business for the 118 mills reporting for the week ending November 29 was 33 per cent above production and 21 per cent above shipments. Of all new business taken during the week, 49 per cent was for future water delivery, amounting to 32,486,000 of which 33,516,000 feet was for domestic cargo delivery, and 18,910,000 for export. New business by rail amounted to 1,941 cars. Forty-three per cent of the week's lumber shipments moved by water, amounting to 3,609,700 feet, of which 23,473,441 feet moved coastwise and intercoastal, and 11,195,934 feet overseas. Rail shipments totaled 1,570 cars, and local deliveries were 5,025,625 feet. Unfilled domestic cargo orders totaled 156,482,645 feet; unfilled export orders 91,925,240 feet; unfilled rail trade orders 4,165 cars.

The Southern Pine Association reports from New Orleans that for the 125 mills reporting for the week, shipments were 15.39 per cent above production, current orders 27.81 per cent above production and 40.77 per cent above shipments. Of the 79 mills reporting running time, 62 were on full time, 6 were shut down, and the rest operated from one to five days.

The Western Pine Manufacturers Association, of Portland, Oregon, reports a small decrease in production and shipments and a fair gain in new business last week as compared with the preceding week. Compared with the preceding week 34 identical mills show an increase in new business of 8 per cent, a 5 per cent decrease in shipments and a 10 per cent decrease in production.

The California Redwood Association of San Francisco reports a slight decrease in production and shipments and a small gain in new business last week compared with the week earlier.

The Northern Carolina Pine Association of Norfolk, Virginia, reports a marked decrease in all three factors, due probably to the fact that 15 fewer mills reported last week than for the week before.

The Northern Hemlock & Hardwood Manufacturers Association of Oshkosh, Wisconsin (in its softwood production) reports small decreases in production, shipments, and new business for last week compared with the preceding week.

The Northern Pine Manufacturers Association of Minneapolis reports little change in production and decrease in shipments and new business.

The Osgood Company, Marion, Ohio, is distributing an exceptionally attractive booklet entitled "Fifty-two Years' Experience." The booklet contains a brief history of the Osgood Company, explaining the development of excavating machinery as manufactured by this company and its predecessors. Copies of the booklet will be mailed on request to Carl F. Ebert, publicity department, the Osgood Company, Marion, Ohio.

The Celotex Company, 645 North Michigan Ave., Chicago, has published an attractive plan book containing the story of Celotex, its use in modern homes, its value as insulation, plaster base, sheathing, and interior finish. Illustrated elevations and floor plans of small homes designed by the Architects' Small House Service Bureau also are included.

TRADE NOTES

Graver Corporation, East Chicago, Indiana, have issued a 20-page bulletin, No. 500, entitled "The Water Supply for Swimming Pools." The bulletin is very complete in that it describes more than just the refiltering, recirculating and sterilizing equipment furnished by Graver Corporation. It has complete detail on the design and construction of the pools themselves, the accessories to a pool, and is well illustrated with views of pools throughout the country.

Anticipating a big building season in 1925, A. H. Field, for the past year or more connected with the Sudden and Helfman Lumber Company of San Francisco, is planning to establish a number of small retail lumber yards in San Francisco. Negotiations for a lease for the first yard are now being completed, Field announces. Field proposes to establish yards throughout the city not served by a district retailer.

The Granitite Manufacturing Co., manufacturers of stucco, flooring and table top, announces the removal of offices and factory from 116 Utah Street to 209 Utah Street, San Francisco. Larger and more commodious quarters were necessary to meet increased business, company officials report.

Basalt Rock Company of Napa reports having secured a contract from the largest retail rock dealer in San Francisco for delivery of 80,000 tons of crushed rock. The order covers more than half of the output of the Basalt quarries and is renewable for a total period of five years based on market price at time of delivery.

Platt's Premier Porcelain Co., incorporated, which took over the Knowles plant, near Santa Clara, is operating with a force of 20 men. New machinery has been added and the new owners are manufacturing bath tubs and other plumbing supplies.

Eugene Palmuth and George E. Bridges, operating at 574 Eddy street, San Francisco, have filed papers of co-partnership with the San Francisco county clerk and will operate under the firm name of Crowe Glass Company.

G. J. Geerds and J. H. Geerds have formed partnership and will operate the Peninsula Ladder and Manufacturing Company at Park Blvd. and Cambridge St., Mayfield, Calif.

L. N. Slater, branch manager of the Western Pipe & Steel Co. at Bakerfield for the past seven years, is to be transferred January 1 to Los Angeles, where he will assume the position of assistant manager for the company.

Boblet Manufacturing Co., recently organized, engaged in the manufacture of electric light fixtures, has opened quarters at 628 Main street, Chicgo. H. A. Boblet, Lee Richardson and Harry Mulcock are the owners.

POSITION WANTED — Man who knows the office end of the construction business—Bookkeeping, payroll, etc., wants position. Three years experience on large construction projects. Knows the commissary end of the business. Willing to go out of town. Address Box 8, % Building and Engineering News.

California Cities Show Gain in November Construction Totals

Building permits totaling \$35,903,503 were issued in 79 major cities of the seven Pacific Coast States during November, according to reports of building department executives published in the Pacific Coast section of the National Monthly Building Survey of S. W. Strauss & Co.

While 28 cities reported increases for November over the October figures, and 39 show gains over November of last year, the grand total for November is 10% less than that of October and 9% less than that of last November, but 9% greater than that of November of 1922.

Following are the official November, 1924, construction figures reported by building department executives, from various cities comprised in the S. W. Strauss & Co. monthly building survey for the Pacific Coast States:

	November, 1924	November, 1923	October, 1924
ARIZONA:			
Phoenix	\$195,722	\$80,397	\$144,739
Tucson	370	68,805	121,482
Total	\$37,692	\$149,202	\$266,211
CALIFORNIA			
Alameda	\$88,959	\$125,051	\$192,093
Alhambra	32,885	23,075	394,095
Anaheim	52,850	233,722	36,450
Bakersfield	71,668	64,188	214,948
Berkeley	805,081	730,235	680,955
Beverly Hills	369,520	538,936	669,598
Burbank	16,115	235,440	166,115
Burlingame	268,048	119,600	282,260
Carlin	47,750	29,350	26,500
Compton	113,857	290,050	95,832
Coronado	34,425	23,340	116,343
Culver City	52,223	297,710	401,500
Emeryville	209,309	7,555	9,760
Eureka	32,951	60,000	33,370
Fresno	103,778	382,598	181,355
Fullerton	51,261	101,785	64,525
Glendale	660,130	1,132,562	811,845
Huntington Park	196,800	270,661	91,930
Inglewood	304,350	269,216	152,248
Long Beach	938,566	1,825,628	986,275
Los Angeles	9,751,196	13,512,042	11,057,277
Modesto	3,599	9,290	36,061
Monrovia	160,100	141,000	244,150
Montebello	9,935	39,175	17,550
National City	4,400	61,610	25,195
Oakland	2,104,741	2,336,472	2,619,703
Ontario	53,520	144,985	83,635
Orange	51,300	58,100	17,700
Palo Alto	86,690	99,580	140,708
Pasadena	1,067,739	1,668,641	1,551,667
Piedmont	116,445	96,903	188,584
Pomona	143,390	118,130	74,725
Redwood City	120,712	67,090	94,576
Richmond	65,715	56,845	74,965
Riverside	232,640	184,244	174,093
Sacramento	292,742	464,475	914,823
San Bernardino	697,215	201,385	252,195
San Diego	1,289,712	984,499	1,004,649
San Francisco	6,387,729	3,850,808	6,116,313
San Gabriel	89,650	75,000	60,230
San Jose	323,560	240,370	183,950
San Leandro	88,925	59,971	95,830
San Mateo	125,680	141,905	218,437
San Rafael	28,900	19,100	118,715
Santa Ana	118,750	304,896	169,690
Santa Clara	216,308	332,245	359,673
Santa Barbara	469,190	889,890	391,280
Santa Monica	100,625	101,970	57,410
South Gate	63,113	15,730	48,050
South San Francisco	242,285	221,044	269,125
Stockton	98,905	120,195	29,025
Torrance	7,308	12,440	12,262
Vallejo	211,100	236,945	258,055
Venice	69,686	47,311	53,000
Ventura	45,750	50	44,200
Vernon	60,915	119,995	131,400
Total	\$29,889,858	\$34,391,470	\$32,770,741
IDAHO:			
Boise	\$39,768	\$26,360	\$84,997
NEVADA:			
Reno	\$31,070	\$46,650	\$42,700
OREGON			
Astoria	\$121,180	\$110,770	\$62,050
Eugene	88,150	57,600	102,655
Klamath Falls	45,173	34,622	81,725
La Grande	12,680	30,000	41,600
Portland	2,115,340	1,672,145	2,429,195
Salem	31,200	56,600	256,000
Total	\$2,419,673	\$1,961,777	\$3,023,220
UTAH:			
Logan	\$13,500	\$19,200	\$11,000
Ogden	163,800	93,625	163,800
Provo	36,000	20,500	34,300
Salt Lake City	332,354	50,682	451,041
Total	\$544,654	\$659,975	\$660,141
WASHINGTON:			
Bellingham	\$72,853	\$23,947	\$94,191
Everett	28,973	87,723	81,625
Hoquiam	19,510	5,550	23,940
Seattle	1,902,415	1,147,805	2,022,350
Spokane	158,475	181,063	259,873
Tacoma	482,750	336,241	507,675
Vancouver	34,417	25,440	86,820
Walla Walla	2,915	1,635	4,805
Yakima	38,180	176,650	92,990
Total	\$2,740,788	\$2,017,554	\$3,123,309
Grand Total, 79 Cities	\$35,903,503	\$39,252,988	\$39,971,919

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, \$18,925
SAN FRANCISCO, Guerrero Street.
 Three 3-story and basement frame apt. building.
Owner—W. E. & Margaret J. Burns.
Architect—None.
Contractor—Lawton & Vezey, 357 12th St., Oakland.

Contract Awarded.
APARTMENTS (3) Cost, \$18,925 ea.
SAN FRANCISCO, O. Guerrero Street.
 Three 3-story and basement frame apt. buildings.
Owner—George R. & Catherine Newsum, 200 Guerrero St., S. F.
Architect—None.
Contractor—Lawton & Vezey, 357 12th St., Oakland.

To Be Done By Day's Labor.
AFTS & GARAGES Cost, \$40,000
SAN FRANCISCO, SE 22nd Ave. and Cabrillo.
 Three-story and basement frame brick veneer apartment house; 12 two and three-room apts. and garage with tile roof.
Owner—M. P. Storheim, 201 Cassell Ave. San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Owner to Take Figures, Plans to be Completed This Week.
APARTMENTS Cost, \$60,000
SAN FRANCISCO, SW Doloris and Clipper Sts.
 Three-story and basement frame and brick veneer apt. house (15 3- and 4-room apts.).
Owner—Ernest Johnson, 1124 Cortez, Burlingame, Calif.
Architect—Baumann & Jose, 251 Kearny St., S. F.

Contract Awarded.
APARTMENTS Cost, \$28,000
SAN FRANCISCO, 15th Ave. and Geary.
 Three-story and basement frame (6) apartment bldg.
Owner—James Oppenheimer, 3055 Pacific Ave., S. F.
Architect—N. W. Mohr, 4405 20th St., San Francisco.
Contractor—R. Miller, 5637 California St., S. F.

Sub-Figures Being Taken.
APARTMENTS Cost, \$750,000
OAKLAND, Alameda Co., Cal., Facing Lake Merritt between Alice and Jackson Sts.
 Twelve-story Class A apartment bldg. (20 apts., 7-rooms each).
Owner—George J. Johnson.
Architect—Maury J. Diggs, 19th and Telegraph Ave., Oakland.
 Bids are being taken on all portions of the work.

Sheet Metal and Fixtures Contracts Awarded.
APARTMENTS Cost, \$55,000
SAN FRANCISCO, SW Van Ness Ave. and Larch Street.
 Six-story reinforced concrete apartments (30 apts.).
Owner—J. Greenbach, 185 Stevenson St., San Francisco.
Architect—J. Hladik, Monadnock Bldg., San Francisco.
Steam Heat and Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St., San Francisco.
Fixtures—Concealo Fixture Co., 1343 E. 12th St., Oakland.

Contracts previously let are: Plumbing—E. V. Lacey, 180 Jessie St., S. F. Millwork to Acme Planing Mill Co., 1899 Bryant St., S. F. Concrete work to Mission Concrete Co., 180 Jessie St., S. F. Sub-figures are being taken on other portions of the work.

Plans Being Prepared.
APARTMENTS Cost \$—
SAN FRANCISCO, Twentieth & Church Streets.
 Three-story frame and stucco apartment building (15 2-room apts.).
Owner—W. H. Field.
Architect—None.
Contractor—W. L. Schmolle, Russ Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$37,500
SAN FRANCISCO, NW Fulton St. & 24th Ave.
 Three-story and basement frame apts.
Owner—Herman D. & Belle Frieberg, 307 Bartlett St., San Francisco.
Contractor—The Albertson Realty Co., Hearst Bldg., San Francisco.

Plans to be Completed This Week—Owner to Take Figures.
APARTMENTS Cost, \$75,000
SAN FRANCISCO, SW Bay and Gough Sts.
 Three-story and basement frame and brick veneer apt. bldg. (18 3- and 4-room apts.).
Owner—Chas. Johnson.
Architect—Baumann & Jose, 251 Kearny St., S. F.

Steel Contract Awarded—Plans Being Completed.
APARTMENTS Cost, \$—
SAN FRANCISCO, NW Sacramento and Mason Sts.
 Eight-story Class A apartment building, 106x150, pressed brick and terra cotta exterior.
Owner—Eugene Fritz.
Architect—E. E. Young, 251 Kearny St., San Francisco.
 Steel awarded to Central Iron Works

MODESTO, Stanislaus Co., Cal.—Russell & Russell, Modesto, at approx. \$15,000 have contract to erect two-story frame and stucco eight 3-room apartments in N St. near 11th for R. S. Marshall, 131 Park St., Modesto.

Material of Merit DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-doors, Tl-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal

Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFESTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
 Sutter 5907 San Francisco

Owner to Take Segregated Figures This Week.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, Shrader and Fell Streets.
 Three-story and basement frame and brick veneer apartment building. (twelve 2 and 3-room apts.)
Owner—O. M. Oyen, 67 Carmel St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, \$125,000
SAN FRANCISCO, Post St. between Hyde and Larkin Sts.
 Six-story reinforced concrete apartment house containing 48 2 and 3-room apts.
Owner—Louis Stoff, 1035 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

RENO, Nevada—Butler Apartments in University suffers \$20,000 fire loss. Repairs will be made at once.

Contracts Awarded.
APARTMENTS Cost, \$75,000
SAN FRANCISCO, E Hyde St., bet. Greenwich and Lombard Sts.
 Six-story steel frame apartment building 1st apt. to each floor).
Owner—Frank E. Lorigan.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.

Bids and awards are as follows:
General—J. Martinelli, 180 Jessie St., S. F. (awarded) \$36,844
Wm. Martin 37,337
G. P. W. Jensen 37,393
Buschke & Brown 40,500
Grace & Berneri 40,873
Mours & Madsen 42,842
R. J. H. Forbes 43,127
Robert Trost 43,380
Steel—Western Iron Works, 141 Beale St., S. F. (awarded) \$5,960
Judson Mfg. Co. 6,153
Pacific Rolling Mill Co. 6,160
Ralston Iron Works 6,266
Schrader Iron Works 6,278
Mortenson Construction Co. 6,490
Plastering—Carroll & O'Brien, 180 Jessie St., S. F. (awarded) \$3,500
Dietlin & Cordes 8,734
A. Knowles 8,745
E. E. Valentis 9,172
Leonard Bosch 10,210
MacGruer & Simpson 11,339
Electrical Work—Watts Electric Co., 339 4th St., S. F. (awarded) \$2,290
National Elec. Co. 2,360
Central Elec. Co. 2,410
Atlas Elec. Co. 2,456
California Elec. Co. 2,700
Standard Elec. Co. 2,914

LOS ANGELES, Los Angeles Co., Cal.—Architect Frank M. Tyler, 634 S. Western Ave., is preparing preliminary plans for 4-story and basement brick apartment building on 60-ft. lot on Mariposa Ave. north of 8th St. for The Alpha Bldg. & Invst. Co., 234 Western Bldg., 6th St. and Western Ave. Four 6-room, four 5-room, and eight 4-room apartments, 20 baths; laundry equipment, lockers and maids' rooms in basement; 2 elevators, automatic refrigerating system, steam heating, ventilating system. Financing has been arranged and construction will start when working drawings are completed.

OAKLAND, Alameda Co., Cal.—Although no definite plans have been formulated, L. B. Hoge of Oakland is contemplating the erection of a modern apartment building on Lakeshore Ave. and Lake Park, at an approximate cost of \$100,000.

Further report will be given at a later date.

BONDS

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Bond election is proposed to finance additional school facilities; improvements will include one new school; erection of combined manual training and gymnasium building with domestic science quarters on 2nd floor in the quarters in the present school being occupied by these departments to be remodeled for class rooms.

SANTA PAULA, Ventura Co., Cal.—Santa Paula grammar school dist. affirmed \$225,000 bond issue at election Dec. 2, \$200,000 will be used for new schools and equip.

ELISNORE, Riverside Co., Cal.—Elisnore bd. trus. advocate bond election to provide funds for enlarging grammar school.

PALO ALTO, Santa Clara Co., Cal.—City Engineer J. F. Byxbee Jr. and Health Officer Louis Olsen have been appointed a committee to secure preliminary estimates of cost and plans for a new city hall, police station and jail building. It is probable that a bond election will be called to finance the structure.

SAN PABLO, Contra Costa Co., Cal.—San Pablo School District defeats bond issue for \$46,000 to finance construction of 3-classroom addition to present school. Issue failed by three votes. Preliminary plans for proposed addition have been prepared by Architects Louis S. Stone, 357 12th St., Oakland and Hutchison & Mills, 1214 Webster St., Oakland. Another election is probable.

CHURCHES

Working Drawings Being Completed. Ready for Figures Next Week.

CHURCH Cost, \$40,000
DAILY CITY, San Mateo Co., Cal. Wellington Ave. near University Ave.
One-story reinforced concrete church, (400 seats).
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.

Bids Rejected—Low Bidders to Refigure.

CHURCH Cost, \$55,000
SAN LEANDRO, Alameda Co., Cal. San Leandro.
Two-story Gothic style frame and stucco church building.
Owner—First Presbyterian Church, San Leandro, Cal.
Architect—Rollin S. & Paul V. Tuttle, 363 17th St., Oakland.

Bids are being taken for a general contract.

The two lowest bidders will be asked to submit propositions on revised plans

PETALUMA, Sonoma Co., Cal.—Site has been purchased in Western Avenue for proposed new Jewish Temple; property is 90 by 150 ft. Those financing purchase included: M. Lerer, M. Goldman, P. Kael, A. Boustein, M. Podvitz, L. Munchin, M. Rosin, D. Pipchitz and M. Barlos.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St. are preparing working plans for a 2-story and basement synagogue at 4th St. and New Hampshire Ave. for Sinai Congregation. Dr. Mayer Winkler, Rabbi; auditorium and balcony to seat about 1400, Sunday school assembly hall seating 450, classrooms, social hall, toilets, library, foyer, etc., 120x150 ft., brick, plas. and art stone facing, comp. rfrg., steam hgt. com. tiled and arched fls., are glass, pipe organ, Summerbell or steel trusses, pine and hardwood.

SANTA ROSA, Sonoma Co., Cal.—Christ Church will appoint committee at once to campaign for funds to finance construction of \$100,000 edifice in Ross St.; will have 60-ft. frontage with depth 150-ft. and "D" 60 ft. in rear, facing Rose Court. Rear wing will contain gymnasium, locker and bath rooms, Sunday school and social rooms. George N. Lane is chairman of the building construction.

TULARE, Tulare Co., Cal.—Work will be started early in January, 1935, on proposed \$30,000 Catholic church building; will be Mission type; concrete block construction.

FACTORIES & WAREHOUSES

Bids Opened and Taken Under Advertisement.

SHOP BLDGS. Cost, \$—
NAMPA, Idaho.
Group of 17 one-story steel, brick, concrete, hollow tile, wood and corrugated iron car repair shop buildings.

Owner—Pacific Fruit Express Co., Southern Pacific Bldg., S. F.

Engineer—Eng. Dept. of Owner, Room 240 Southern Pacific Bldg., S. F.

Because of the large number of bids received, it will be impossible for the company to give a report for two or three days.

Contract Awarded.

FACTORY Cost, \$25,000
BERKELEY, Alameda Co., Cal., San Pablo Ave. near University Ave.

One-story and mezz. concrete hollow tile, wood roof, class "C" paint and varnish factory.

Owner—Furch & Nelson, 79 12th Street, Oakland.

Architect—John Carson, 50 Yosemite Berkeley.

Contract was awarded to Coast Construction Co., Crocker Bldg., S. F.

Plans Complete.

WAREHOUSE Cost, \$20,000
OAKLAND, Alameda Co., Cal., Ft. of Webster St. near Webster Street Bridge.

One-story frame warehouse

Owner—Webster Street Wharf Co., Oakland.

Architect—Willis Lowe, 651 Market St. San Francisco.

Sub-Contracts Awarded.

FACTORY Cost, \$60,000
SAN FRANCISCO, NE Keith and Donnell Streets.

One-story reinforced concrete factory approx. 100x300.

Owner—Pacific Electric Mfg. Co., 827 Folsom St., San Francisco.

Architect—Geo. H. Wiermeyer, 57 Post St., San Francisco.

Roofing—J. W. Leander Roofing & Paving Co., Monadnock Bldg., S. F.

Sheet Metal—Stelling & Smith Co., 4657 18th St., S. F.

Steel Sash—U. S. Metal Products Co., Riata Bldg., S. F.

Sub-contracts previously awarded are: Concrete work awarded to R. J. H. Forbes, Monadnock Bldg. Plumbing to Geo. Rehn, 1979 Mission St., San Francisco.

Sub-figures are being taken on other portions of the work.

Contract Awarded—Sub-bids To Be Taken Shortly.

FACTORY Approx. \$10,000
OAKLAND, Alameda Co., Cal. 976 28th Street.

Two-story reinforced concrete factory. Owner—California Towel Co., Oakland.

Designer—R. W. White, 28th & Filbert Sts., Oakland.

Contractor—Barrett & Hlip, 918 Harrison St., San Francisco.

Sub-Bids Being Taken.

ADDITION Cost, \$10,000
SAN FRANCISCO, N Mission 175 E 4th.

Addition for furniture stock room. Owner—M. L. Moss, 1275 California St. San Francisco.

Architect—R. W. Jenkins, 243 Diamond St., San Francisco.

Contractor—Barrett & Hlip, 918 Harrison St., San Francisco.

Ready For Figures In Two Or Three Weeks.

WAREHOUSE Cost, \$250,000
SAN FRANCISCO, 16th, 17th, DeHaro and Carolina Sts.

Two-story steel and concrete factory and warehouse. 200x400.

Owner—John A. Roebeling Sons Co. of Calif., 646 Folsom St., S. F.

Architect—Frederick W. Quandt, Humboldt Bank Bldg., S. F.

Sub-Contracts Awarded on Steel Sash, Lumber, Rock, Sand and Steel Column Forms.—Bids Being Taken on Other Portions of Work.

WAREHOUSE Cost, \$120,000
SAN FRANCISCO, Bryant St., bet. 7th and 8th Sts.

Four-story reinforced concrete wholesale plumbing warehouse.

Owner—P. E. O'Hair, 857 Mission St., San Francisco.

Architect—R. W. Jenkins, 243 Diamond St., San Francisco.

Engineer—Russell & Ellison, 369 Pine St., San Francisco.

Contractor—Barrett & Hlip, 918 Harrison St., San Francisco.

Sub-contracts were awarded as follows:

Steel Sash—Michel & Pfeffer, 1425 Harrison St., San Francisco.

Lumber—Loop Lumber Co., Central Basin, San Francisco.

Rock and Sand—Pacific Gravel Co., 451 Shotwell St., San Francisco.

Steel Column Forms—Des Lauriers Metal Products Co., Inc., 613 21st St., Oakland.

Sub-figures are being taken for electrical work, glass, elevator, roofing, steel rolling doors and sheet metal work.

VENTURA, Ventura Co., Cal.—Daane & Orr, Ventura Ave., have purchased property at cor. Olive and Main Sts. as site for new grain warehouse.

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PEDESTAL COMPRESSED CONCRETE PILE
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cover all lengths and conditions without change of rigging, delay and consequent financial loss.

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Plans Being Figured.
SAN FRANCISCO.—Cost, \$20,000.
SAN FRANCISCO.—San Francisco, Cal.,
 10th and North, C. Sts.
 Two-story reinforced concrete and
 brick warehouse, terminal buildings,
 feed shed and feed pelting house.
 Owner—Sears and Roebuck, 1000
 Architect—Dean & Dean, City Library
 Bldg., Sacramento.

SAN FRANCISCO.—Cost, \$100,000.
 ing bids were received on Dec. 4 by
 the Board of State Harbor Commissioners
 for the construction of a two-story re-
 inforced concrete terminal warehouse
 building to be erected at China Basin
 and for Pier No. 50 with adjacent bulk-
 head wharf to be constructed of cre-
 oated piles and timber, concrete piles
 with concrete deck, 600x100 feet. Frank
 G. White, Ferry Bldg., is State Harbor
 Engineer. Bids were taken under ad-
 vancement until December 11th.

Terminal Warehouse
K. E. Parker Co., Clunio Bldg.,
 San Francisco, Cal., \$315,950
Clunio Constr. Co., S. F., 321,900
Hayes-Oster Co., S. F., 321,700
Healy T. McLaughlin, S. F., 323,500
MacDonald & Kahn, S. F., 325,490
Kucikovich & Bagge, S. F., 343,873
Monsen Bros., S. F., 346,730
Mahony Bros., S. F., 385,444
Anton Johnson, Los Angeles, 388,000
Pier No. 50 and Wharf
Clunio Constr. Co., 923 Folsom
St., San Francisco, \$587,000
Healy T. McLaughlin Constr. Co., S. F., 623,200
San Francisco Bridge Co., S. F., 647,000
Tibbitts Constr. Co., S. F., 657,420
A. W. Kitchen Co., S. F., 659,970
L. F. Youldall, Stockton, 670,000

LOS ANGELES, Cal.—Until 2 p. m.,
 Jan. 5, bids will be rec. by L. A. bd.
 super. for 4-story fireproof storehouse,
 60x120 ft., near Lincoln Park. Cert. chk.
 or bond, 10%. Plans and spec. on file
 in mechanical dept., 10th floor, Hall of
 Records. Reinf. conc. frame and fl. and
 art. slabs, comp. rfg., hol. tile partit.,
 sprinkling sys., elevator.

POMONA, L. A. Co., Cal.—W. E. Bart-
 lett, Pomona, has cont. for 1-story and
 part 2-story laundry at Palmdames and
 Commercial Sts., Pomona, for the
 Southern Service Co., J. Lee Cathcart,
 pres; brick, 96x182 ft., steel frame,
 comp. rfg., sawtooth rf. constr., cem.
 and hardw. fls., metal sash, line 100
 wire and plate glass. Plans by Austin
 Co. of California, 777 E Washington
 St., Los Angeles.

LOS ANGELES, Los Angeles Co., Cal.
 —Architects Jeffery & Schaefer, 1104
 Kerkhoff Bldg., are preparing plans
 for a one-story warehouse at Palmdames
 and Palmito Sts. for Bakersfield-Los
 Angeles Fast Freight Co., G. M. Duntley,
 president; 43,000 sq. ft. floor space,
 brick and reinforced concrete construc-
 tion, brick facing, composition roofing,
 steel or Summerbell roof trusses, ce-
 ment floors, skylights, wire and plate
 glass, sprinkler system, loading plat-
 form.

LOS ANGELES, Los Angeles Co., Cal.
 —Architects Morgan, Walls & Clements,
 1124 Van Nuys Bldg., are preparing
 working drawings for three-story and
 basement class A factory building, 200
 x200 ft., on Date St., north of Macy St.,
 for Los Angeles Pressed Brick Co.,
 Frost Bldg., to replace plant recently
 destroyed by fire. It will be designed
 to carry 2 additional stories. Reinf.
 concrete construction, brick
 filler walls, composition roof, freight
 elevators, hoisting and conveying ma-
 chinery. There will also be several
 one-story steel frame and corrugated
 iron buildings. Work to start within
 60 days.

AZUSA, Los Angeles Co., Cal.—Theron
 Walker Engineering & Construction Co.,
 614 Spreckels Bldg., 714 S. Hill St., Los
 Angeles, has prepared plans and will
 build 4-story brick and concrete moun-
 tain Motors Corp. Group consists of
 two 1½-story plants, each 90x300 ft.,
 and 1-story administration building, 60
 x60 ft. Cost, \$110,000. The 1st unit on
 which work will be started at once, will
 be 80x90 ft. and cost about \$17,000.
 Brick construction, composition roofing,
 wood trusses, metal windows, concrete
 floor.

VANCOUVER, B. C.—Captano Thor-
 bor Co. will construct export mill, first
 unit of which will cost \$400,000 with
 ultimate expenditure of \$1,000,000.

LOS ANGELES, Cal.—Macdonald &
 Kahn, 535 S Spring St., have contract
 on a one-story building for 2-story and
 basement class A factory bldg., 300x200
 ft., on Date St., n. of Macy St., for Los
 Angeles Pressed Brick Co., Frost Bldg.,
 to replace plant recently destroyed by
 fire. It will be designed to carry two
 additional stories. Reinf. conc. constr.,
 brick filler walls, comp. rf., freight
 elevator, hoisting and conveying ma-
 chinery. There will also be several
 1-story steel frame and corr. iron
 bldgs. Work will be started at once
 and will be completed in 60 days. Mor-
 gan, Walls & Clements, 1124 Van Nuys
 Bldg., archts. About \$200,000.

LOS ANGELES, Cal.—Archts. S. Til-
 den, Nelson and Frederick H. Wallis,
 716 S Spring St., are taking bids for
 a 2-story warehouse on Ave. 21, near
 Humboldt St., for William Gottschalk;
 50x155 ft., brick, press. br. facing, comp.
 rfg., cem. and factory pine fls., sky-
 lights, steel sash, fireproof doors,
 ramps.

LOS ANGELES, Los Angeles Co., Cal.
 —Architects Morgan, Walls & Clements,
 1124 Van Nuys Bldg., are preparing
 plans for a one-story shirt factory at
 the northwest corner of Seward and
 Remington Sts., for Martin J. J. J.
 Dimensions, 91x173 ft., brick walls,
 stucco exterior, steel sash, composition
 roofing, metal skylights. A two-story
 building, 50x173 ft., will be erected
 later.

WILMINGTON, Los Angeles Co., Cal.
 —The Ladin-American Fruit & Steam-
 hip Corp., Mr. Kane, engineer, 1215-18
 Hibernian Bldg., Los Angeles has had
 sketches prepared for cold storage
 warehouse with pre-cooling plant and
 conveyors on site at Wilmington not
 yet selected.

STOCKTON, San Joaquin Co., Cal.—
 Graham Bros., manufacturers of auto
 trucks with headquarters at Evans-
 ville, Ind., has secured option on plant
 of Kroyer Motors Company in Cherokee
 Lane, Stockton, and plans to install
 equipment suitable for manufacture of
 their products. The plant will be the
 Pacific Coast assembling unit for the
 company.

TULARE, Tulare Co., Cal.—Tulare
 Board of Trade is furthering plans to
 finance construction of one of the
 largest cotton gins in the valley.

LOS ANGELES, Cal.—Until 2 p. m.,
 Jan. 6, bids will be rec. by L. A. county
 superv. for 4-story fireproof ware-
 house, 60x120 ft., at Mission Rd. and
 Alhambra Ave. Plans and spec. obtain-
 able from mech. dept., 10th floor, Hall
 of Records. Separate bids will be rec.
 for general plumbing and steam heat-
 ing, including aut. sprinkler sys., and
 refrigerating plant. Cert. or cash, chk.
 or bond, 10%. L. E. Lampton, clk. Reinf.
 conc. frame and fl. and rf. slabs, comp.
 rfg., hol. tile partit., elevator, steam
 htg., sprinkler sys., refrigeration plant.

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FLATS

To Be Done By Day's Work.
FLATS (2) Cost, \$12,000
SAN FRANCISCO, 18th Ave. and Lin-
coln Way.
 Two-story and basement frame (4
 flats) flat building.
 Owner—G. Hunseth, 1742 Waller St.,
 San Francisco.

To Be Done By Day's Work.
FLATS Cost, \$12,000
SAN FRANCISCO, NW Mission and Leo
Streets.
 Three-story and basement frame (4)
 flats.
 Owner—Andrew G. Ghotto, 250 Lon-
 don St., San Francisco.

Contract Awarded.
FLATS Cost, \$12,000
OAKLAND, Alameda Co., Cal. SE 15th
St., 100 E 7th Avenue.
 One-story 16-room (8) flats.
 Owner—A. W. Meyer, 1636 Franklin St.
 Oakland.
 Architect—None.
 Contractor—California Builders, 1636
 Franklin, Oakland.

Segregated Bids Being Taken.
FLATS & GARAGES Cost, \$15,000
SAN FRANCISCO, Seventeenth Ave.,
bet. Cabrillo and
 Two-story and basement frame and
 brick-veneer flat building with tile
 roof (2 6-room flats and garages).
 Owner—Withheld.
 Architect—C. O. Clausen, Hearst Bldg.,
 San Francisco.

To Be Done By Day's Work.
FLATS Cost, \$12,000
SAN FRANCISCO, W 18th Ave., 225 S
Lincoln Way.
 Two-story and basement frame (4)
 flats.
 Owner—G. Hunseth, 1742 Waller Street,
 San Francisco.
 Architect—None.

Contract Awarded.
FLATS (2) Cost, \$8000 each
SAN FRANCISCO, N Green 125 & 150
E Octavia St.
 Two 2-story and basement frame flats
 2 flats in each building.
 Owner—H. W. Hind, 1026 Masonic Ave.
 San Francisco.
 Architect—W. F. Hind, 711 Hearst
 Bldg., S. F.
 Contractor—Hind Building Co., 711
 Hearst Bldg., S. F.

GARAGES

Plans Complete—Bids To Be Taken In
 Two
FOUNDATION WORK Cost, \$60,000
SAN FRANCISCO, SW Powell and Sacra-
mento Sts.
 Addition of 2 and 3-story reinforced
 concrete garage, stores and turk-
 ish baths, to hotel.
 Owner—Fairmont Hotel Co.
 Architect—Sisson & Karstensen.
 Engineers—Billings & Russell, 712 Paci-
 fic Bldg., S. F.

MADERA, Madera Co., Cal.—Miller
 & Little, Madera, at \$1750 awarded
 contract by county supervisors to erect
 garage building at county hospital
 grounds.

Contract Awarded.
GARAGE Cost, \$45,000
SAN FRANCISCO, SE Drumm & Sacra-
mento.
 Two-story reinforced concrete garage.
 Owner—Drumm Street Garage Co.
 Architect—John H. Powers and John
 N. Anden, 460 Montgomery St., San
 Francisco.
 Contractor—Cahill Bros., Sharon Bldg.
 San Francisco.

Contract Awarded.
GARAGE Cost, \$15,000
SAN FRANCISCO, Jackson and Mason
Streets.
 Two-story and basement concrete
 public garage building, 785 Market
 St., San Francisco.
 Architect—None.
 Contractor—American Concrete Co., 785
 Market St., San Francisco.

Sub-figures Being Taken.
GARAGE
SACRAMENTO, Sacramento Co., Calif.,
 20th and I Sts.
 One-story brick garage building.
 Owner—Chas. Mabrey, Ochsner Bldg.,
 Sacramento.
 Architect—None.
 Contractor—Chas. Mabrey, Ochsner
 Bldg., Sacramento.

LOS ANGELES, Cal.—Arch't. Richard
 D. King, 519 Van Nuys Bldg., is re-
 vising working plans for a 1-story and
 part 2-story class A garage and loft
 bldg. at n.w. cor. 14th and Birch Sts.,
 for Coca Cola Bottling & Distributing
 Co. 1334 S Central Ave., 90x148 ft.,
 reinf. conc. constr., comp. rig., cem.,
 and factory maple floors, skylights,
 freight elevator, steel rolling doors,
 pine trim, press, brick.

GOVERNMENT WORK AND SUPPLIES

AMERICAN LAKE, Wash.—Until Dec.
 30, 11 A. M., bids will be received by U.
 S. Veterans' Bureau, 791 Arlington
 Bldg., Washington, D. C., to construct
 refrigerating plant at American Lake,
 Wash. See call for bids under official
 proposal section in this issue.

WASHINGTON, D. C.—Bids are being
 rec. by Bureau of Supplies and Ac-
 counts, Navy Department, to fur. and
 del. materials to Navy Yards and Sta-
 tions, under following Schedules (date
 to open bids as noted at close of each
 paragraph):
 Sched. 2989, Mare Island, 100,000 ft.
 aircraft steel cable, Dec. 16.
 Sched. 3000, eastern and western
 yards, packing and gasket, Dec. 16.
 Sched. 3001, eastern and western
 yards, cord, twine and thread, Dec. 16.
 Sched. 3002, eastern and western
 yards, cotton and rubber insulating
 tape, Dec. 23.
 Sched. 3004, Mare Island, 5350 lbs.
 plate brass, Dec. 23.
 Sched. 3005, Mare Island, steam and
 water nipples, Dec. 23.
 Sched. 3010, Puget Sound, 58,000 lbs.
 steel plates; Mare Island, 28,200 lbs.
 plate steel, and Puget Sound, 11,200 lbs.
 steel shapes, Dec. 23.

WASHINGTON, D. C.—Bids were
 opened by the Supervising Architect's
 Office, Washington, D. C., on December
 1, at 3 P. M., for the installation com-
 plete, of one full magnet electric
 freight elevator and for an extension,
 including incidental changes in and
 extensions to the mechanical equipment
 of the U. S. Post Office at Stockton, Cal.
Extension, Etc.

J. F. Shepherd, 1st National Bank
 Bldg., Stockton, Cal., \$20,710.
 Alfred H. Vogt, 185 Stevenson St.,
 San Francisco, Cal., \$27,419.
 John E. Branagh, 184 Perry St., Oak-
 land, Cal., \$27,750.
 Finn Anderson, 15 Jessie St., San
 Francisco, Cal., \$31,787.

Electric Freight Elevator
 Otis Elevator Co., 810 18th St., N. W.,
 Washington; \$2795; 100 days.
 Kimball Bros. Co., Council Bluffs, Iowa,
 \$3388; 8 months.
 S. Heller Elevator Co., Milwaukee,
 Wis., \$3564; 328 days.
 Spencer Elevator Co., San Francisco,
 Cal., \$3850; 60 working days.

SAN FERNANDO, Calif.—Following
 is list of prospective bidders (in addi-
 tion to those previously reported) for
 the construction of buildings and util-
 ities U. S. Veterans' Hospital project,
 at San Fernando, Calif., bids for which
 will be opened Dec. 18:

John Douglas Co., Union Trust Bldg.,
 Washington.
 Los Angeles Planing Mill Co., Los
 Angeles, Calif.

Coker & Taylor, 209 S. Brand Blvd.,
 Glendale, Calif.
 Coleman Bros. Co., San Antonio, Texas.
 General Electric Co., Schenectady,
 N. Y.

Walsh & Burney, Box 822, San An-
 tonio, Texas.
 Meter D. Woodling Heating & Ven-
 tilating Co., 1219 Wyandotte St., Kan-
 sas City, Mo.

American Carbonic Machinery Co.,
 Wisconsin Rapids, Wis.
 Ludowici-Celadon Co., Union Trust
 Bldg., Washington.

Morrison-Skinner Co., Wakefield,
 Mass.
 Ruess & Verlin Lumber Exchange,
 Minneapolis, Minn.

Watson Mfg. Co., Jamestown, N. Y.
 H. E. Holbrook Co., Massachusetts
 Trust Bldg., Boston.

WASHINGTON, D. C.—Until Dec. 23,
 10:30 A. M., under Circular No. 1643,
 bids will be rec. by Purchasing Officer,
 Panama Canal, to fur. and del. f. o. b.
 Balboa (Pacific Port): Steel, power

cable, electrical wire, iron or steel pipe,
 street-lighting globes, bolts, screws,
 rivets, nuts, tacks, staples, lead wash-
 ers, iron valves, chain, oil cups, pneu-
 matic hammers, hinges, locks, latches,
 drawer handles, grindstone frames,
 scroll brushes, hammers, asbestos gloves,
 steel tapes, rubber tape, etc. Further
 information obtainable from Assistant
 purchasing Agent, Fort Mason, San
 Francisco.

PEARL HARBOR, T. H.—Following
 is list of prospective bidders for store-
 house and quarters at Pearl Harbor, T.
 H., under Specification No. 5003, bids
 for which will be opened by Bureau of
 Yards and Docks, Navy Dept., Dec. 23:
 John Douglas Co., 821 Union Trust
 Building, Washington.
 Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa.
 Grinnell Co., 601 Brannan St., San
 Francisco.
 E. J. Rounds & Son, Walk-
 er Building, Seattle Wash.

PUGET SOUND, Wash.—Bureau of
 Yards and Docks, Navy Dept., has com-
 manded Specification No. 5041 for ex-
 tension to boiler plant and distributing
 system at Puget Sound. Bids will be
 asked shortly. Plans are obtainable
 on deposit of \$10. Prospective bidders
 for this work follow: Rust Engineering
 Co., 311 Ross St., Pittsburgh.
 Fort Dodge Boiler Works, Fort Dodge, Iowa.
 Austin Engineering Co., 121 W. 42d St.,
 New York City.
 Virginia Engineering
 Co., Newport News, Va.
 John W. Dan-
 forth Co., 70 Ellicott St., Buffalo, N. Y.
 Newport Contracting and Engineering
 Co., Law Building, Newport News, Va.

SAN DIEGO, Cal.—Following bids
 rec. by Bureau of Yards and Docks,
 Navy Department, Washington, D. C.,
 under Specification No. 5025, for eleva-
 tor for this work follow:

Item 1, entire work; 2, push button
 control; 3, dual control.

Baker Iron Works, 950 N. Broadway,
 Los Angeles, item 1, \$7,865; 2, \$7,998;
 3, \$8,245.

Otis Elevator Co., Washington, item
 1, \$5,990, alt. \$4,995; 2, \$6,340; 3, \$6,880.
 S. Heller Elevator Co., Milwaukee,
 item 1, \$5,896; 2, \$6,186; 3, \$6,426.
 Warner Elevator Mfg. Co., Cincin-
 nati, item 1, \$6,400; 2, \$8,100; 3, \$8,300.
 A. Kieckhefer Elevator Co., Milwau-
 kee, item 1, \$6,300; 2, \$6,735; 3, \$6,990.

HALLS AND SOCIETY BUILDINGS

Plastering Contract Awarded.

CLUB, ETC. Cost, \$750,000

OAKLAND, Alameda Co., Cal. Clay St.
 bet. 12th and 13th Sts.

Six-story class A club and store build-
 ing.

Owner—Athens Athletic Club, Okd.

Architect—Wm. Knowles, 1214 Webster
 St., Oakland.

Contractor—MacDonald & Kahn, 1916
 Broadway, Oakland.

Plastering awarded to T. D. Sexton,
 357 12th St., Oakland.

As previously reported, glass con-
 tract was awarded to Tyre Bros., 351
 12th St., Oakland.

Concrete Sub-Contract Awarded. Fig-
 ures Being Taken on Other Portions
 of Work.

CLUB BLDG. Cost, \$600,000

SAN FRANCISCO. S Post St. W of
 Powell St.

Seven-story class B reinforced concrete
 club building.

Owner—National League for Women's
 Service.

Architect—Willis Polk & Co. (J. M.
 Mitchell and Austin Moore in
 charge), Hobart Bldg., S. F.

Mgr. of building, C. K. Volany, 464
 California St., San Francisco.

Concrete Work awarded to Mission
 Concrete Co., 125 Kissling St., San
 Francisco.

Sub-Figures Being Taken on All Por-
 tions of the Work.

LODGE & STORE Cost, \$100,000

MODesto, Stanislaus Co., Cal., 13th &
 Eye Sts.

Three-story and basement brick and
 concrete lodge and store (brick
 exterior).

Owner—Benevolent and Protective Or-
 der of Elks (Modesto Lodge, Geo.
 Bare, Exalted Ruler).

Architect & Contractor—Davis-Heller-
 Pearce, Inc., Delta Bldg., Stockton.

Sub-Contracts Awarded—Being Taken
 on Plastering.

LODGES & OFFICES Approx. \$169,000

SAN JOSE, Santa Clara Co., Cal. North
 First Street.

Six-story and basement reinforced
 concrete lodge and office bldg.

Owner—Knights of Columbus, San Jose

Architect—Leo J. Delvin, Pacific Bldg.,
 San Francisco.

Contractor—J. D. & G. E. Carlson Co.,
 234 Sierra Ave. & Builders Ex., 70
 W. San Antonio St., San Jose.

Excavating awarded to Farrar & Car-
 lin, 180 Jessie St., San Francisco.

Structural steel to Pacific Rolling Mill
 17th and Mississippi, San Francisco.

Lumber by Southern Lumber Co., 1402
 S First St., San Jose.

MILLWORK to Tildon Lumber Co., San
 Jose.

CROWE GLASS CO.

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Roofing

and

Random Variegated Colors Tile

Roofing

Composition Roofing

General Roof Repairing

Samples Submitted

180 Jessie St., San Francisco

Res. 4201 Mission St.

Phone Randolph 6982

The work to Theo. Price, Builders Ex-
change, San Jose.
Glass and glazing to Groves Glass Co.,
571 Eddy St., San Francisco.
Roofing to Theo. Price, Builders Ex-
change, San Jose.
Sheet metal works to Garden City
Metal Works, 147 Martha St., San
Jose.
Painting to B. Herman, 70 W. San An-
tonio St., San Jose.
Elevator work to General Elevator
Works, 1161 Howard St., S. F.
Electrical work to Roy Eutcher, 68
South Willard St., San Jose.
Concrete pile to Raymond Concrete &
Pile Co., Menashaok Bldg., S. F.
Plumbing, steam heat and ventilating
to Wm. Serpa, 497 N. 13th St., San
Jose.
Sub-bids are being taken on plas-
tering.

Bids Being Taken For Elevators, Con-
crete Piling, Terra Cotta and Steel
Sash.
LODGE BLDG. ETC. Cost, \$1,000,000.
SACRAMENTO, Sacramento Co., Calif.,
Eleventh and J Sts.
Fourteen-story Class A lodge and store
building (approximately 1000 tons
of steel).
Owner—Elks Club.
Architect—Leonard F. Starks and Co.,
1010 1/2 14th St., Sacramento.
Steel contract awarded to the Palm
Iron Works, Sacramento, at \$112,900.

EUGENE, Ore.—Eugene Camp, Wood-
man of the World, contemplate early
construction of \$75,000 lodge building
in site of present structure at 8th Ave.
west and Lincoln St. Prel. plans have
been prepared.

MIAMI, Ariz.—Inspiration Copper Co.
Dr. L. D. Rickerts, pres., will build
club house and swimming pool, and lay
out 9 hole golf course here.

SACRAMENTO, Cal.—Palm Iron
Works, 1814 15th St., Sacramento, at
\$112,900, as previously reported, award-
ed contract for steel work in connec-
tion with 14-story and basement Class
A lodge and store building to be erect-
ed for Elks' Club of Sacramento. Leon-
ard F. Starks, architect, 1010 1/2 Eighth
St., Sacramento. Pacific Rolling Mill,
San Francisco, was low at \$111,657 but
contract was awarded favoring the
local concern. Other bids were: Pacific
Coast Engineering Co., Oakland, \$117-
789; Moore Dry Dock Co., San Francisco,
\$119,900; Judson Manufacturing Co.,
San Francisco, \$117,856; Dyer Bros.,
San Francisco, \$116,770; Minneapolis Steel
Co., Los Angeles, \$128,000; Shrader
Iron Works, San Francisco, \$126,322.

DELANO, Kern Co., Cal.—Delano I.
O. O. F. Assn. will start work soon
on new bldg. on 11th Ave. bet. 8th
and 9th Sts., to contain lodge and U. S.
Postoffice quarters.

LOS ANGELES, Los Angeles Co., Cal.
Henry C. Johnson, 1728 Westmoreland
Blvd., has contract on cost plus 10%
basis for two-story Masonic temple at
the corner of Pico Blvd. and Orchard St.
for Summit Lodge, No. 366, F. & A. M.
J. H. W. Bell, master, 328 California
Bldg., Robert Klitts, 1537 S. Hoover St.,
architect. Lodge rooms and 6 stores;
100x140 ft., brick, pressed brick facing,
structural steel, composition roofing,
cement and hardwood floors, pine trim,
gas heating, plate glass, ventilating
system, sprinkler system. Cost, \$115,000.

MERCED, Merced Co., Cal.—Women's
Club House Assn. has purchased property
on 23rd St. as site for new club
house.

Plans Being Prepared.
CLUB BLDG. Cost, \$25,000.
OAKLAND, Alameda Co., Cal., Keith
Avenue.
One-story and basement frame, brick
veneer and half timber English
style club building (slate roof).
Owner—Rockridge Womens Club, Oak-
land, Cal.
Architect—Miller & Warnecke, 1404
Franklin St., Oakland.

HOSPITALS

Contract Awarded.
BUILDING Cost, \$400,000.
OAKLAND, Alameda Co., Cal. N. side
31st St., bet. Telegraph Ave and
Grove St.
Eight-story Class A brick veneer hos-
pital building.
Owner—Oakland Hospital Corp., Geo.
Shelden, director, Oakland.
Architect—Wm. E. Milwain, Pacific
Bldg., Oakland, Cal.
Contractor—F. W. Maurice, 1362 East
25th, Oakland.

Plans Being Prepared.
ONE-STORY BLDG. Cost, \$22,000.
SACRAMENTO, Sacramento Co., Calif.,
near Colfax.
One-story and basement Preventorium
bldg., frame and stucco.
Owner—Tuberculosis Association, Font-
taine Johnson, president Sacra-
mento.
Architect—Leonard F. Starks, Ochsner
Bldg., Sacramento.

Bids to be Called for in January.
HOSPITAL Cost, \$—
OAKLAND, Alameda Co., Calif., 14th
Ave. and E-27th St., (Highland
Hospital).
Tiling and marble work, elevators and
wood finish, special steel work, cast
cement sanitary bases, etc., for en-
tire group of hospital bldgs.
Owner—Alameda County.
Architect—Henry H. Meyers, Kohl Bldg
San Francisco.

OAKLAND, Alameda Co., Cal.—The
following bids were received Dec. 8, by
Geo. E. Gross, clerk of Alameda Coun-
ty, for the construction of three two-
story and basement reinforced con-
crete class "C" stucco exterior hospital
buildings, nurses home, male and fe-
male employe's buildings. They are
to be erected at the Highland Hospital,
at Fourteenth Avenue and East 27th
St. in Oakland, from plans prepared by
Architect Henry H. Meyers, Kohl Bldg.
San Francisco.

The contract was awarded to Schuler
and McDonald, 301 12th St., Oakland.
Schuler & McDonald, Oakland, \$24,000.
Sampel & Cody, S. F., 253,000.
Clinton Constr. Co., S. F., 258,214.
Barrett & Hilp, S. F., 259,000.
C. L. Weller Co., San Francisco, 266,500.
E. F. Letter Ki Son, Oakland, 274,747.
Hannah Bros., San Francisco, 279,863.
Conner & Conner, Berkeley, 290,000.
John E. Branagh, Oakland, 368,000.

HOTELS

SANTA MONICA, Los Angeles Co.,
Cal.—Architect John Armstrong, 38 S.
Dearborn St., Chicago, is completing
working plans for an 11-story and
basement Class A hotel building at the
corner of Ocean and California Aves.
for A. Irving Jordan, 111 W. Washing-
ton St., Chicago, associated with Chas.
Tegner, 404 Santa Monica Blvd., Santa
Monica, and Harry Fox, 627 11th St.,
Santa Monica, who are handling the
facile. Mr. Jordan is architect. The
Santa Monica, about 200 rooms with 190
per cent baths, lobby, dining room,
kitchen, ballroom, etc., approximately
100x150 ft., reinforced concrete, pressed
brick and tile exterior, and composi-
tion roofing, plate glass, steam
heating system, 2 electric elevators, tile
and marble work, ornamental iron,
tiled baths, hardwood and cement floors,
hardwood and pine trim. Cost, \$1,500,000.
Day work by the owner.

LOS ANGELES, Los Angeles Co., Cal.
—Noerenberg & Johnson, 401 L. A. Ry.
Bldg., supervising architects, are taking
bids for a four-story brick store, hotel
and office building at 115 N. San Pedro
St. for S. Fukui and Associates, Engi-
neers, 117 1/2 Weller St. Dimensions: 60x170 ft., brick walls,
plate glass, steel beams, pressed brick
facing, composition roofing, metal sky-
lights, pine trim, baths, gas heating,
elevators.

WILLOW, Glenn Co., Cal.—Kiwanis
Club of Willows is entertaining propo-
sition to finance construction of a
modern hotel building in Willows.

LOS ANGELES, Los Angeles Co., Cal.
—Orndorff Constr. Co., 351 N. Western
Ave., will build 12-story and basement
Class A hotel, 115x56 feet, at 1254 W.
6th St. for Fred A. Elliott, Jonathan
Club, Kenneth Macdonald Jr., ar-
chitect, 1305 Brack-Shops Bldg. Four
stores, lobby and 242 hotel rooms with
100% baths and showers; reinforced
concrete frame, floor and roof slabs,
cement plaster and cast stone exterior,
tile and composition roof, fire escapes,
skylights, metal frame and sash, plate
glass and metal store fronts, fire drs.,
hollow tile and metal partitions, ver-
nished hardwood floors, 2 passenger
tiled baths, marble work, 2 passenger
and 1 freight elevator, steam heating,
ventilation system. Cost, \$525,000.

SAN FRANCISCO—Until Dec. 22, 2:30
P. M., bids will be rec. by Leonard S.
Leavy, city purchasing agent, to fur-
and install draperies in San Francisco
Hospital. Further information ob-
tainable from above office.

LOS ANGELES, Los Angeles Co., Cal.
—H. D. Frankfurt, 1906 N. Western
Ave., will build 4-story Class C build-
ing, 81x89 ft., at 4994-96 Melrose Ave.
for Walsh & Elmer, 6th and Oxford
Sts.; 6 stores and lobby, and 54 hotel
rooms with 100% baths and showers,
rug, or ruff. brick, and art stone and
terra cotta exterior, composition roof,
plate glass and tile fronts, fire escapes,
salvanized iron cornice, metal frame,
structural steel, skylights, structural
steel, tiled baths and toilets, automatic
electric elevator, gas radiators. Cost,
\$70,000.



All-Key
Plaster Lath

(Patented)

100% Mechanical Key.

Plaster
Wall Board

(Patent applied for)

The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

CRESCENT CITY, Del Norte Co., Cal.—Dr. J. F. Reddy, promoter of the \$200,000 hotel project, reports preliminary plans have been complete for the issuance of a series of bonds to complete the capitalization of the company to finance the project. It is proposed to erect a structure, four-stories in height, fireproof construction, to contain 100 rooms with sties on the ground floor. The building will be erected at Front and H Streets.

ICE AND COLD STORAGE PLANTS

AMERICAN LAKE, Wash.—Until Dec. 20, 11 A. M., bids will be received by U. S. Veterans' Bureau, 791 Arlington Bldg., Washington, D. C., to construct refrigerating plant at American Lake, Wash. See call for bids under official proposal section in this issue.

POWER PLANTS

Bids to be Called for First Part of Next Month

POWER HOUSE, ETC. Approx. \$200,000
OAKLAND, Alameda Co., Cal. Fourteenth Ave. and E-27th St.
Two-story and basement reinforced concrete Class C power house unit (boiler plant, garage, linen rooms, laboratory, etc.)
Owner—Alameda County.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

PORTERVILLE, Tulare Co., Cal.—Until Jan. 7, 1:30 P. M. bids will be rec. by H. C. Pegram, Sec'y, Vandalla Irrigation District, to fur. following motors:

125 h. p. horizontal 2200 v. 3-phase; 60 cycles, 1800 rpm.
75 h. p. horizontal 2200 v. 3-phase; 60 cycles, 1800 rpm.
40 h. p. horizontal 2200 v. 3-phase; 60 cycles, 1800 rpm.

Cert. check 5% req. with bid. I. H. Altshouse, eng. for dist. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—Albert Givan, general manager of the Sacramento Municipal Utility District, instructed to proceed with plans appraising the distributing systems owned by power companies in the Sacramento section.

LOS ANGELES, Cal.—Until 10 A. M. Dec. 15, bids will be rec. by Board of Public Works for terminal boxes. Spec. on file at office of city electrician, 205 n. city hall annex.

PORTERVILLE, Tulare Co., Cal.—Until Jan. 7, 1:30 P. M., bids will be rec. by H. C. Pegram, Sec'y, Vandalla Irrigation District, to fur. materials and const. 3 1/2 mi. of electric power line carrying 2,200 volts. Irvin H. Altshouse, eng. for dist. Cert. check 6% req. with bid. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Awards by pub. scrv. comm. for oil circuit breakers under spec. P-342 were: item (1) General Elec. Corp., \$17,854; f. o. b. Baltimore; (2) Westinghouse El. Co., \$9,815 f. o. b. L. A.; (3) Western Elec. Co., \$877; (4) Westinghouse El. Co., \$6,131, f. o. b. Los Angeles.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close Jan. 7, 8 P. M.

FIREHOUSE Cost, \$—
WATSONVILLE, Santa Cruz Co., Cal., Via Ness Ave. and 2nd Sts.
Two-story firehouse with sleeping quarters.

Owner—City of Watsonville.
Architect—Yorkoff and White, Growers Bank Bldg., San Jose.
Plans obtainable from office of architect and on file in office of city clerk.

Preliminary Plans Approved — Work-
ing Drawings Ordered.

AUDITORIUM Cost, \$750,000
SACRAMENTO, Sacramento Co., Cal.
One-story and basement steel frame and concrete auditorium with brick exterior.

Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.

It is expected the city commission will approve plans and call for bids this month.

WATSONVILLE, Santa Cruz Co., Cal.—Until Dec. 23, 8 P. M. bids will be received by City Council for roofing Foresters Building. Plans on file in office of city clerk.

SANTA BARBARA, Santa Barbara Co., Cal.—Santa Barbara county bar assn. adopted resolution, bd. superv. concurring, recommending erection of new court house. Matter will be presented upon petition to taxpayers.

SAN LUIS OBISPO, Cal.—County Clerk instructed by supervisors to secure estimates of cost to install burglar alarm system in vaults in county courthouse.

LOS ANGELES, Los Angeles Co., Cal. Brombacher Iron Works, 1668 Long Beach Blvd., submitted low bid to L. A. county, at \$73,100 for ornamental iron for new Hall of Justice N. Broadway and Temple St., under spec. 559. Philip Friedman & Son bid \$95,000. Bids referred to mechanical department.

SAN BRUNO, San Mateo Co., Cal.—Until Dec. 24, 8 P. M. bids will be rec. by Nettie A. Willits, city clerk, for one safe cabinet, size 33 MB equipped and one safe cabinet, size 53 MB equipped. Further information obtainable from clerk.

FRESNO, Fresno Co., Cal.—Bids will be asked at once by H. S. Foster, city clerk, to be opened Dec. 24, to install loud speaking facilities in Fresno municipal auditorium; est. cost \$8,000.

SAN LEANDRO, Alameda Co., Cal.—City Council proposes to purchase block of land facing East 14th St., for park and city hall site. The matter will be discussed at an early meeting of the city board.

SAN FRANCISCO—Until Dec. 22, 2:30 P. M., bids will be rec. by Leonard S. Leavy, city purchasing agent, to fur. and install draperies in San Francisco hospital. Further information obtainable from above office.

LOS ANGELES, Los Angeles Co., Cal.—State Senator Cadet Taylor will introduce a bill into the Legislature during January to establish a new state prison in Southern California.

MARIUOSA, Mariposa Co., Cal.—Guttenberg Bros. have contract for two-story semi-fireproof museum building, 42x117 ft. at Yosemite for American Association of Museums. Cost, \$50,000.

PRATT'S CONCRETE MIX

"I learned
by sand
Pratt"



A NATIONAL PEEP-SHOW of sensational interest was opened on October 1, when the records of the sums paid by the income-tax payers of the United States were made available for public inspection. Congress in its vast and all-embracing wisdom evidently foresaw what a benefit this law would be to the sovereign gossips of this fair and somewhat gabby land. Gossip will be made much more accurate, almost an exact science, now that we may know all the details of our neighbor's income and business.—News Item.

YOU CAN now know.

ALL ABOUT your neighbor.

AND HIS financial condition.

AND IF he can.

AFFORD AN automobile.

WHETHER IT should be a Ford.

OR A Pierce-Arrow.

IF HIS wife.

WEARS EXPENSIVE clothes.

JUST CHECK up.

AND SEE if they live.

BEYOND THEIR means.

MAYBE THEY should dispense.

WITH THE hired girl.

SUPPOSE AN attractive widow.

WANTS TO marry a man.

WITH A "good income."

SHE ASKS the income tax man.

ABOUT MR. B. A. Richman.

A BOY or girl wants.

TO MARRY well (money).

THEY GET a report,

N THE income tax paid.

BY THE prospective father-in-law.

SUPPOSE A girl.

HAS TWO marriage proposals.

AFTER CONSULTING the office.

OF THE income tax man.

SHE TAKES her choice.

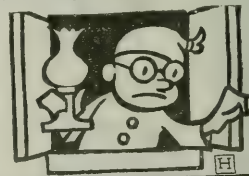
THEN YOU can look.

AND SEE.

HOW MUCH your competitor.

IS MAKING.

"I THANK you."



Mr. Grundy (Mrs. Grundy's "lookout") watching for news about the neighbors and securing dose for their (income tax) financial affairs.

RESIDENCES

Hids Being Taken.

RESIDENCE Cost, \$10,000
LOS ALTOS, Santa Clara Co., Cal.
 Two-story and basement frame and stucco residence and garage.
 Owner—John G. Ames.
 Architect—Benj. Schreyer, 105 Montgomery St., San Francisco.
 Hids being taken for general contract, will be opened December 9, 1924.

Contract Awarded.

RESIDENCE Cost, \$11,084
SAN FRANCISCO, W. San Leandro
 Architect—Masten Hurd, 278 Post St., San Francisco.
 Contractor—Nels J. Johnson, 1934 Folsom St., S. F.

Completing Plans.

RESIDENCES Cost, \$14,000 ea
SAN FRANCISCO, St. Francis Wood.
 Five two-story frame and stucco residences.
 Owner—Westgate Park Co.
 Architect—Masten & Hurd, 278 Post St., San Francisco.
 Bids will be taken for a general contract.

Figures to be Taken Next Week.

RESIDENCE Cost, \$11,500
BERKELEY, Alameda Co., Cal. Cragmont.
 Two-story frame and stucco residence.
 Owner—W. P. Pauson, Pres. First National Bank of Berkeley.
 Architect—Masten & Hurd, 278 Post St., San Francisco.
 Bids will be taken for a general contract.

Contract Awarded.

RESIDENCE Cost, \$15,000
SAN FRANCISCO, St. Francis Wood.
 Two-story frame and stucco residence and garage.
 Owner—E. P. Hickman.
 Architect—Masten & Hurd, 278 Post St., San Francisco.
 Contractor—Nels J. Johnson, 1934 Folsom St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, \$15,000
SAN FRANCISCO, 3640 Washington St.
 Alter to residence (T & G roof, install new plumbing, brick veneer exterior, fire escapes, etc.)
 Owner—J. W. Pauson, 544 Market St., San Francisco.
 Architect—Milton Latham, 454 Montgomery, San Francisco.
 Contractor—C. Aldman, 3640 Washington St., San Francisco.

Contract Awarded.

RESIDENCE Cost, \$15,000
SAN FRANCISCO, St. Francis Wood.
 Two-story frame and stucco residence.
 Owner—Dr. S. M. Moore, Blood Bldg., San Francisco.
 Architect—S. Herman, 57 Post St., San Francisco.
 Contractor—Mangels Bros., 4732 Mission St., San Francisco.

Sub-Figures Being Taken.

DWELLING Cost, \$25,000
SAN FRANCISCO, Pacific Ave. near Laurel.
 Two-story and basement frame and stucco dwelling.
 Owner—Curtiss Hayden.
 Architect—H. H. Gutterson, 526 Powell St., S. F.
 Contractor—Moore & Madsen, 77 O'Farrell St., S. F.
 Sub-bids are being taken on grading, glass, slate roofing, millwork, painting, plastering, flooring and ornamental iron.

Plans Being Figured.

RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
 Two-story and basement frame and stucco residence.
 Owner—Mrs. Chapman.
 Architect—H. H. Gutterson, 526 Powell St., San Francisco.

Contract Awarded.

RESIDENCE Cost, \$12,000
PALO ALTO, Santa Clara Co., Cal.
 Stanford University Campus.
 Two-story and basement frame and stucco residence and garage with composition roof.
 Owner—Dr. W. M. Proctor.
 Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
 Contract awarded to Osborne & Knight, 427 Pettis, Mountain View.

To Be Done By Day's Work—Ready for Figures Next Week.

DWELLING Cost, \$6,000
SAN FRANCISCO, Delano St.
 Five-room frame and stucco one-story and basement dwelling.
 Owner—K. Lundy, 217 Powell St., San Francisco.
 Architect—R. R. Irvine, Call Bldg., San Francisco.

Figures to be Taken in About Ten Days.

RESIDENCE Cost, \$15,000
PIERMONT, Alameda Co., Cal. King Street.
 Two-story frame and stucco residence terra cotta roof.
 Owner—Harry Camp.
 Architect—J. H. Morrow & Garren, De Young Bldg., S. F.

Contract Awarded.

RESIDENCE & GARAGE Cost, \$12,000
BERKELEY, Alameda Co., Cal., Tunnel Road.
 Two-story frame and stucco residence and garage (7-rooms).
 Owner—Prof. Edmund O'Neill of the U. of C.
 Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.

Contract was awarded to Jas. P. Michelsen, 1638 Alcatraz Ave., Berkeley. The bids were:
 Jas. P. Michelsen.....\$10,989
 Conner & Conner.....11,033
 Chas. H. McCullough.....11,120
 Axel Cederborg.....11,388
 Walter Thorsen.....12,465

Segregated Figures Being Taken.

RESIDENCES Cost, \$15,000
BERKELEY, Alameda Co., Cal., Hawthorne Terrace near Cedar.
 Two 2-story frame and stucco residences.
 Owner—Mrs. Mary Maris.
 Architect—Archib Newsom, Nevada Bk. Bldg., S. F.

Working Drawings Being Prepared.

RESIDENCE Cost, \$28,000
BERKELEY, Alameda Co., Cal. Northbrae.
 Two-story frame and stucco residence (6 rooms).
 Owner—R. M. Wales.
 Architect—Williams & Wastell, American Bank Bldg., Oakland, 14
 Plans will be ready for figures in about two weeks.

HILLSBOROUGH, San Mateo Co., Cal. Lang Realty Co., 1st National Bank Bldg., San Francisco, has purchased 36 acres of the Daniel C. Jackling Estate in Hillsborough and will sub-divide the land providing for the erection of 110 homes.

CLAWSON PATENT CHIMNEY CO.

CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market

CLAWSON'S PURNACE GRATE for Gas, Coal or Wood

CLAWSON'S HOODS and DAMPERS for Open Fireplaces

Experts in Curing Smoky Flues and in Ventilating

Terra Cotta and Galvanized Iron Chimney Tops Erected Chimney Sweeping

149 GOUGH STREET Phone Park 6092 San Francisco

Contract Awarded.

RESIDENCE Cost, \$13,900
SAN FRANCISCO, Lot 7 & ptn. Lot 6, Bk. 43, St. Francis Wood Extension.
 No. 1.
 Frame residence.
 Owner—Westgate Park Co., 278 Post St., San Francisco.
 Architect—Roland Q. Stringham, 260 California St., S. F.
 Contractor—Henry F. Papenhausen, 532 3rd Ave., S. F.

BEVERLY HILLS, Los Angeles Co., Cal.—Van Doren & Trueman, 909 Bedford Dr., Beverly Hills, have been issued permit for 10-room, 2-story residence at 903 Bedford Dr., Beverly Hills, for H. A. Baker, 422 17th St., Santa Monica; 80x72 ft., frame and stucco, tile roofing, hardwood floors and trim, tile baths, drainboard. Cost, \$20,000.

LOS ANGELES, Los Angeles Co., Cal.—Chas. D. Wagner, 3152 Wilshire Blvd., will build one-story, 10-room, 2-family dwelling, 36x56 ft., and 2-story, 10-room 2-family dwelling, 40x50 ft., at \$29-45 S. Orange Grove Ave. for himself. Plans by Wm. Campbell. Tile and composition roofs, art stone, wrought iron, tile baths and sinks, oak and mahogany kitchens and baths, composition porch floors, gas radiators, storage water heaters, garages. Cost, \$20,600.

LOS ANGELES, Los Angeles Co., Cal.—Architect W. W. Ach, 1616 4th Ave., has prepared plans and will supervise erection by day labor of two-story and part basement 11-room residence, 46x58 ft., at 272 Irving Blvd. for J. R. Hochcock, 1241 W. 10th St., Cerritos. Plaster exterior on metal lath, shingle and composition roof, wrought iron, fireplace, 3 tiled baths, oak, walnut and pine trim, oak floorboards, leaded glass, Crane water heater, unit heating system, bronze screens, garage. Cost, \$18,000.

LOS ANGELES, Los Angeles Co., Cal.—Architects John and Donald B. Parkinson, 420 Title Ins. Bldg., have prepared plans for residences at the southeast corner of 4th St. and Shatto Place for Thos. Haverly; 12-room, 3 baths, frame construction, stucco exterior, clay tile roofing, hardwood trim, tiled baths, unit heating; garage with apartment above. Cost, \$40,000.

BEVERLY HILLS, Los Angeles Co., Cal.—Dunlap & Crosby, 317 Taft Bldg., Hollywood, have completed plans for 2-story, 9-room dwelling in Beverly Hills for E. P. Dentzel; 64x45 ft., frame and stucco, composition roofing, hardwood floors, oak walls, trim, 3 tile baths, tile mantel and drainboards, ornamental iron, unit system heating, automatic water heater, day work by owner. Cost, \$18,000.

SALINAS, Monterey Co., Cal.—C. F. Lang, Salinas, has contract to erect three one-story frame and plaster bungalows in Spring Valley Addition for C. B. McDougall of Monterey who plans the erection of additional homes when these are completed. The structures will cost between \$4000 and \$5000 containing four and five rooms.

LOS ANGELES, Los Angeles Co., Cal.—Jas. Reed, 660 S. Vermont Ave., will build 2-story, 12-room residence, 25x33 ft., at 560 S. Bronson Ave. for Raymond H. Pilson, 2425 Wilshire Blvd. John R. Kibbey, is the architect. Selected common brick face, shingle roof, metal bath, oak floors, oak and pine trim, 2 mantels, 3 tiled and 1 comp. bath, unit heating system, Federal water heater, garage. Cost, \$22,000.

SEATTLE, Wash.—Clarence E. Stohr, general contractor, 1230 North 45th St., Seattle, will erect for himself approximately 60 homes in the Phinney District, the cost of each ranging from \$5000 to \$12,000; approx. \$350,000 will be expended in construction.

SANTA BARBARA, Santa Barbara Co., Cal.—Architect Carlton M. Winslow, 921 Van Nuys Bldg., Los Angeles, and 29 E. Dela Guerra St., Santa Barbara, has completed preliminary plans for a two-story and basement 12-room Spanish residence in Las Alturas Tr., Santa Barbara, for William Gibbs McAdoo. (54353)

SCHOOLS

Contract Let.
SCHOOL Cost, \$45,000
RED BLUFF, Tehama Co., Cal. Elm
and Rio Streets.
Two-story and basement brick and
concrete school, 60x70 feet.
Owner—Roman Catholic Archbishop.
(Rev. Philip F. Brady, head of
diocese for Tehama County).
Architect—Chester Cole, 1st National
Bank Bldg., Chico.
Contractor—M. F. McKenzie, 1126 T St.,
Sacramento.

Plans Being Figured—Bids Close Dec.
16, 8 P. M.
ADDITION Cost, \$25,000
EL CERRITO, Contra Costa Co., Cal.
One-story 6-room hollow tile addi-
tional wing for Fairmont school.
Owner—Richmond Board of Education,
W. T. Helms, clerk, Richmond, Cal.
Architect—Jas. T. Narbett, 906 Mc-
Donald Ave., Richmond, Cal.
Heating Engineers—Leland and Haley,
58 Sutter St., San Francisco.
Cert. check 10% payable to clerk
req. with bid. Plans obtainable from
architect. Heating specifications ob-
tainable from heating engineers. See
call for bids under official proposal
section in this issue.

Plans Being Prepared.
ADDITION Cost, \$35,000
TRACY, San Joaquin Co., Cal.
One-story reinforced concrete 4-room
addition to school.
Owner—West Side Union High School
District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.

Working Drawings Being Prepared.
SCHOOL Cost, \$100,000
MONTECITO, Santa Barbara Co., Cal.
One-story fireproof 6-room and audi-
torium school building (Spanish
architecture).
Owner—Montecito Grammar School
District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.
Plans will be ready for figures in
about a month.

Contract Awarded.
AUDITORIUM Cost, \$71,278
TURLOCK, Stanislaus Co., Cal.
Two-story brick auditorium.
Owner—Turlock Union High School
District, A. G. Crowell, Clerk, Tur-
lock, Calif.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.
General contract was awarded to
Benson & Swenson, Turlock, at \$71,278.

Plans Being Prepared—Figures to be
Taken Shortly.
SCHOOL Cost, \$60,000
SAN FRANCISCO. Eighteenth and
Diamond Sts. (Holy Redeemer
School).
Two-story reinforced concrete school
building.
Owner—Roman Catholic Archbishop.
Architect—Shea & Shea, 454 Montgom-
ery St., San Francisco.

Preliminary Plans Being Prepared.
RESIDENCE HALL Cost, \$150,000
OAKLAND, Alameda Co., Cal. Mills Col-
lege, Prospect Hill.
Two- or three-story residence hall,
frame and stucco, modified Mission
style.
Owner—Mills College, Oakland.
Architect—W. A. Ratcliff, Jr., Mercan-
tile Trust Bldg., Berkeley.
The college now has about \$35,000
and plans to raise balance shortly.

Sub-contracts Awarded.—Bids Being
Taken for Steel Work.
SCHOOL Cost, \$50,000
ROSEVILLE, Placer Co., Cal.
One-story reinforced concrete elemen-
tary school building.
Owner—Roseville Elementary School
District.

Architect—Norman R. Coulter 46 Kear-
ny St., San Francisco.
Contractor—Chas. Mabrey, Ochsner
Bldg., Sacramento, on Prop. 2 for
concrete construction at \$33,560.

Contracts have been awarded as fol-
lows:
Plumbing—Luppen & Hawley, 906 7th
St., Sacramento.
Electric Wiring—Franklin Electric Co.,
Roseville.

Sheet Metal—Sinclair & Bessey, 1119
6th St. Sacramento.
Millwork—Capital City Planing Co., 920
13th St., Sacramento.

Reinforcing Steel—Truscon Steel Co.,
709 Mission, San Francisco.
Tile Roofing—Gladding McBean Co.,
660 Market St., San Francisco.

Compositio Roofing—A. J. Burr, 11th
and R Sts., Sacramento.
Black boards—C. F. Weber Co., 601 Mis-
sion St., San Francisco.

Lumber—Sterling Lumber Co., Roseville
As previously reported, heating was
awarded to Knittle-Cashel Co., 225 5th
St., San Francisco.

LOS ANGELES, L. A. Co., Cal.—Until
9 a. m., Dec. 17, bids will be rec. by
L. A. u. educ. for shop bldg. at Grand
Ave. school site, 745 S Grand Ave.
Plans and spec. on file at 730 Security
Bldg. Cert. or cash. check or bond 5%.
Wm. A. Sheldon, secy.

LOS ANGELES, Cal.—Until 9 a. m.,
Dec. 24, bids will be rec. by L. A. bd.
educ. for 1-story and part 2-story addi-
tion, 60x125 ft. with wing 36x125 ft.,
to Laguna St. school, s.e. cor. Laguna
St. and Mines Ave. Separate bids will
be taken on general, plumbing, heat-
ing and ventilating, painting and elec-
trical. Plans and spec. on file at 730
Security Bldg. Cert. or cash. check or
bond 5%. Wm. A. Sheldon, secy. E. L.
Taylor, archt., 1129 Citiz. Natl. Bank
Bldg. Fourteen classrms., kindergarten
dept. and offices, ruff. brick exten., tile
rf., reinf. conc. corridors and stairs,
maple fls., add to present hq. sys.;
\$112,000.

LOS ANGELES, Cal.—J. F. Kobler,
932 Rimpaw Blvd. subm. low bid at
\$47,366 to L. A. bd. educ. for 2-story
12-room brick addition No. 2 at Mur-
chison St. school. Low bidders on sub-
trades were: Electrical, J. C. Rendar,
625 S Main St. \$925; heating and ven-
tilating, Ashworth & Gallop, 5853 Mon-
eta Ave., \$3043; plumbing, W. H. Robin-
son, 126 W 3rd St., \$4412; painting,
McKinley Bros., 4460-A Willowbrook
Ave., \$2136. Frank D. Hudson, archt.,
444 Douglas Bldg.

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fidence which architects, con-
tractors, and owners everywhere
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SAN FRANCISCO

LOS ANGELES

ELK GROVE, Sacramento Co., Cal.—
Jennings Bros. & Ward, 4625 14th Ave.,
Sacramento, at \$3240 submits low bid to
Elk Grove Union High School District
to const. three tennis courts at high
school grounds. Other bids, all taken
under advisement: G. A. Bertolucci,
1015½ Tenth St., Sacramento; Campbell
Constr. Co., Nicholas Bldg., Sacramento,
\$3632. Dean & Dean, architects, Cal-
ifornia State Life Bldg., Sacramento.

ALAMEDA, Alameda Co., Cal.—Bids
were opened by C. J. Du Four, Sec'y.
Board of Education, to grade, rock and
surface Lincoln School yard, Mound
and Buren Sts., and contract was
awarded to Healy, Moore & McNair,
344 High St., Oakland.

Bids were as follows:
Healy, Moore & McNair, 344 High St.,
Oakland—2,335 sq. yds. at 64c cu.
yd.; 60,900 sq. ft. at 74c sq. ft.
Hutchinson Co.—15c cu. yd.; 09c sq. ft.
A. J. Grier—\$150 cu. yd.; 10c sq. ft.
B. F. Salisbury—Lump sum \$5,100; (Bid
withdrawn).



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quired.

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carton 8 inches long and 1 inch
square, which contains full in-
stalling instructions.

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SAN MATEO San Mateo Co., Cal.—San Mateo Union High School District plans purchase of site on which it is proposed to erect additional school. Early construction is not contemplated.

RICHMOND, Contra Costa Co., Cal.—Until Dec. 16, S. B. M. bids will be received by W. T. Helms, clerk, Board of Education, to furnish equipment and supplies for schools. Lists of materials desired obtainable from clerk.

SAN DIEGO, San Diego Co., Cal.—Archit. Lincoln Rogers, 333 Spreckels Bldg., has been instructed to proceed with working plans for new high school building. It is provided that only the walls, roof and floors will be erected at this time, \$200,000.

WILMINGTON, Los Angeles Co., Cal.—Archit. Hurrewood Hewitt, Room 315, 410 W. 11th St., is completing plans for a two-story 16-classroom grammar school at Gulf Ave. school site, Wilmington, for the Board of Education; auditorium to seat about 250, 12 classrooms, brick, part basement, approximately 61x280 ft., art stone trim, slate and composition roofing, maple and cement floors, pine trim, slate blackboards, reinforced concrete corridor and stair construction, toilets. Cost, \$112,000.

LOS ANGELES, Los Angeles Co., Cal.—Architects John and Donald B. Parkinson, 420 Title Ins. Bldg., are preparing plans for a commercial building at campus of University of Southern California. Brick construction, 3-story and basement, 120x120 ft., selected common brick facing, cast stone trim, clay tile roofing, steel girders, timber posts, gas steam heating.

LONG BEACH, Los Angeles Co., Cal.—Architects Wright & Gentry, 316 Marine Bank Bldg., Long Beach, have completed plans for new Francis L. Willard School, bounded by 10th and 11th Sts. and Freeman and Orizaba Aves., for Long Beach; 2-story, T-shape, brick and plaster, composition and tile roofing, terra cotta trim, hardwood floors, steel sash, steam heating. Cost, \$300,000. The board of Education of Long Beach will advertise for bids soon.

Contract Awarded.
SCHOOL BUILDING Cost, \$15,000
DIAMOND SPRINGS, Cal.
One-story frame and stucco 3-classrooms and auditorium school bldg. Owner—Diamond Springs School Dist. Architect—Eugene Seadler, Mitau Bldg. Sacramento.
Contractor—Chas. Mabrey, Ochsnor Bldg., Sacramento.

FULLERTON, Orange Co., Cal.—Architect Carleton M. Winslow, 921 Van Nuys Bldg., Los Angeles, is completing working plans for a gymnasium at high school site, Fullerton, for Fullerton Union High School District; 80x195 ft., 2 wings, brick plaster, steel frame, composition roofing, maple floors, pine trim, steam heating from central heating plant, tile and marble work. Cost, \$125,000. Bids to be taken in about two weeks.

SAN FRANCISCO—Jas. L. McLaughlin, 231 Keweenaw St., at \$531,000 (estimate \$582,000) submitted low bid to Board of Public Works for general construction of the 2-story reinforced concrete and brick (Alamo) school to be erected in 23rd Ave. bet. California and Cleveland Sts., Miller & Pfeiffer, architects, Mills Bldg.

Pacific Electric Construction Co., 1496 Mission St., at \$10,425 (estimate \$7000) for low electric work.

Thos. Skelly, 1344 9th Ave., at \$15,000 (estimate \$10,000) low for plumbing.

Knittle-Cashel Co., 224 5th St., at \$13,001 (estimate \$13,000) low for mechanical equipment.

Following is complete list of bids received:

General Construction	
Jas. L. McLaughlin	\$331,600
Anderson & Engstrom	329,846
J. H. Madieros	341,000
Barrett & Hilp	343,560
O. Monson	345,870
Ruyes-Osei	344,775
Anton Johnson	347,312
Ashby Bros.	347,812
McIntosh Bros.	374,800
Electric Work	
Pacific Elec. Const. Co.	\$10,425
Crowley Elec. Co.	10,930
Dowd-Seid Electric Co.	11,092
C. F. Collonan	11,193
Decker Elec. Con. Co.	11,345
Butte Elec. & Equip. Co.	11,744
Stand. Elec. Const. Co.	12,020
M. E. Ryan	12,450
Plumbing	
Thos. Skelly	\$15,000
J. E. O'Hara	15,300
Wm. B. Johnson Co.	15,947
A. Lettich	16,407
W. & J. Bays	17,085
Mechanical Equipment	
Knittle-Cashel Co.	\$13,604
Abdel Co.	14,022
P. J. Enright	14,170
Geo. A. Schuster	14,490
Scott Co.	14,815
J. E. O'Hara	14,877
W. H. Picard	14,985
W. & J. Bays	15,585
Thos. Skelly	15,800
A. Lettich Co.	16,308

SAN FRANCISCO—Walter B. Lomax Co., Monidnock Bldg., at \$7109, delivery in 100 days, submitted low bid to City Purchasing Agent to fur. and install 3012 lockers in schools. Other bids were:
Durbilt Steel Locker Co. 45 days\$7,220.94
Jamestown Metal Products Co. 30 days7,367.38
Geo. H. Trask Co., 45 days7,393.50
Worley & Co., 45 days7,490.00
Henry R. Clark 45 to 50 days7,841.63
Berger Mfg. Co., 90 days7,843.34

SANTA ROSA, Sonoma Co., Cal.—Until Dec. 29, 8 P. M., bids will be received by Sara N. Hatch, Sec'y, Board of Education, for seating in new high school auditorium. W. H. Weeks, architect, 369 Pine St., San Francisco. Cert. 10% payable to Sec'y, reg. Specifications obtainable from clerk and office of architect.

TACOMA, Wash.—Wall & Batcheller, Tacoma, at \$229,920 submits low bid to school board to erect two-story reinforced concrete McCarver Intermediate school. Bid does not include heating, plumbing or electric work.

PORTLAND, Ore.—Porter & Banfield, 62 East 3rd St., N. Portland, at \$165,200 submits low bid to school board to erect fireproof Abernathy school. Bid does not include plumbing, heating and ventilating, electric work or grading.

GLENDALE, Los Angeles Co., Cal.—North Pacific Const. Co., DeWilder Bldg., Los Angeles, awarded contract at \$67,200 for all work complete for Catholic school building at Glendale for Holy Family Parish; Ross Montgomery, Story Bldg., architect. Ten classrooms and auditorium; 2-story brick construction, stucco exterior, clay tile roofing, pine trim, gas radiators. Other bids were: May & Hellman, \$67,263; Barkley & Gould, \$69,992; Roy L. Kent, \$67,772; B. D. Kronnick, \$74,460; Escherich Bros., \$77,690; J. V. McNeill Co., \$79,770; Baum Constr. Co., \$83,990; Thutler Bros., \$86,343.

BANKS, STORES & OFFICES

Segregated Bids Being Taken.
ALTERATIONS Cost, \$10,000
SAN FRANCISCO. Divisadero St. near

Haigh.
Alter theatre into a first class market, 50x120 feet (tile work, plumbing, etc.)
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Completing Plans—Ready For Figures in About Two Weeks.
BANK BLDG. Cost, \$75,000
RED BLUFF, Tehama Co., Cal.
One-story reinforced concrete and terra cotta bank building.
Owner—First National Bank of Tehama County, Red Bluff, Cal.
Architect—Wm. H. Weeks, 369 Pine St., San Francisco, and Tribune Tower, Oakland.

Working Drawings Being Prepared.
STORE BLDG. Cost, \$80,000
SAN FRANCISCO, NW Twentieth and Mission Streets.
Three-story and basement reinforced concrete store building.
Owner—Granat Bros., 2242 Mission St., San Francisco.
Architect—Arthur T. Ehrenpfort, Russ Bldg., San Francisco.

Segregated bids will be taken in about three months. Building now on the site will be torn down.

Plans Being Completed.
OFFICE BLDG. Cost, \$—
SAN MATEO, San Mateo Co., Cal. Second and B Streets.
Two-story brick bank and office building.

Owner—Wison Co.
Architect—Wm. H. Weeks, 369 Pine St., San Francisco, and Tribune Tower, Oakland.
Plans will be ready for figures in about three weeks.



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San Francisco

High St. & Tidewater Ave.
Oakland



Biltmore Hotel, Los Angeles

Announcement is made of the affiliation of the Western Safety Manufacturing Co., Inc., of San Francisco, manufacturers of electrical safety switches, with the firm of Brown and Pengilly, 2114 East Ninth street, Los Angeles. The latter concern manufactures switch and panel boards. The former company in future will manufacture and distribute in conjunction with the Los Angeles firm all switchboards and panels in the northern section of California.

The panels and switchboards are well known on the Pacific Coast and are extensively used in the Southern California section, where, company officials point out, more than seventy-five per cent of the office buildings, theatres, clubs and hotels erected within the past few years have been equipped with the Brown and Pengilly installations.

Among the more important installations recently completed in the Southern California section is the Biltmore Hotel in Los Angeles. Other large installations include Grauman's Metropolitan Theatre in Los Angeles and another in Hollywood. The Pacific Finance Building, the University Club, Pacific Mutual Building and other

notable structures have been equipped with the Brown and Pengilly switch and panel boards.

The materials used in the manufacture of the boards are of the highest quality. G. E. Toggle switches and Johns-Manville Ebony boards are used in the manufacture. The products are inspected and approved by the National Board of Fire Underwriters and meet with the approval of all local departments.

Catalogs, prices and samples of main switch boards, electric panel boards, safety switches or special gutter for the installation of wires or appliances will be furnished on request to the office of the Western Safety Manufacturing Company, Inc., which maintains offices and salesrooms at 247 Minna Street, San Francisco.

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SAN FRANCISCO

Bids Being Taken.
STORE BLDG. Cost, \$25,000
WATSONVILLE, Santa Cruz Co., Cal.
 One-story reinforced concrete building (15 rooms)
 Owner—W. H. Weeks.
 Architect—Wm. H. Weeks, 369 Pine St., San Francisco.
 Bids are being taken for a general contract with some segregation.

Contract Awarded.
ONE-STORY BLDG. Cost, \$25,000
SACRAMENTO, Sacramento Co., Cal.,
 20th and 15 Sts.
 One-story brick and reinforced concrete building.
 Owner—Poultry Producers of Central Cal., Sacramento.
 Architect—None.
 Contractor—Chas. Mabrey, Ochsner Bldg., Sacramento.

Sketches Prepared.
OFFICE BLDG. Cost, \$20,000
SAN FRANCISCO, S Hayes St. 260 W Franklin.
 Two-story and basement reinforced concrete office.
 Owner—Samuel O. Hoffman Co.
 Architect—E. E. Young, 2002 California St., S. F.

Sub-Figures Being Taken on all Portions of Work.
THE STOCKTON, San Joaquin Co., Cal. No. 128 E. Weber St.
 Five-story and mezzanine concrete, steel and brick furniture store; 2 passenger elevators, brick exterior
 Owner—W. J. Loran, 410-18 E-Main St., Stockton.
 Architect—E. M. Cooney, 1st National Bank Bldg., Stockton.
 Contractor—J. F. Shepherd, 303 First National Bank Bldg., Stockton.

Excavating and Piling Bids Being Taken.
BUILDING Cost, \$400,000
SACRAMENTO, Cal. K Street Bet. 14th and 15th Sts.
 Six-story and basement class B telephone office building, pressed brick and terra cotta.
 Owner—Pacific Telephone & Telegraph Co., Head office: San Francisco.
 Architect—Bliss & Faville, Balboa Bldg., S. F.
 Excavating and piling bids will be opened end of this week. Plans will be ready for structural steel bids in about a week. Brick building or site is now being wrecked.

Sub-Contracts Awarded.
STORE & OFFICE Cost, \$40,000
OAKLAND, Alameda Co., Cal., Webster St. near 15th.
 Two-story and mezz. class C concrete frame (ile curtain wall store and office bldg.
 Owner—Hugo Muller, 119 Mesa St., Oakland.
 Architect & Mgr. of Constr.—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.
Reinforcing Steel—Truscon Steel Co., 709 Mission St., S. F.
Structural Steel—Herrick Iron Works, 18th and Campbell, Oakland.
Lumber—Tynan Lumber Co., 63rd Ave. and E-14th St., Oakland.
Plumbing & Heating—W. H. Picard, 5656 College, Oakland.
 As previously reported, contract for excavating was awarded to Ariss Knapp, 961 41st St., Oakland. Bids are being taken on other portions of the

Contract Awarded.
SHOP Cost, \$9000
SAN FRANCISCO, W Potrero Ave. 175 N 17th St.
 One-story concrete stores and machine shop.
 Owner—Margaret Hillen, 227 Davis St., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., S. F.
 Contractor—Mission Concrete Co., 125 Kissling St., S. F.

Bids to be Opened.
BUILDING Cost, \$50,000
SAN FRANCISCO, W Embarcadero 45.10 N Howard.
 One-story class C store building with wooden pile foundation.
 Owner—Pope & Talbot Land Co.
 Architect—J. E. Kraft & Sons, Phelan Bldg., S. F.
 Bids for General Contract will be opened Dec. 17, 1924.
 Contract to be awarded shortly for Pile Foundation, Excavating and Pumping.

Working Drawings Being Prepared.
OFFICE BLDG. Cost, \$50,000
SAN MATEO, 2nd and B Sts.
 Two-story brick bank and office bldg.
 Owner—Wilson Co.
 Architect—Wm. H. Weeks, 369 Pine St., San Francisco and Tribune Tower, Oakland.
 Bank fixtures are estimated to cost about \$25,000 in addition to the above figure.

Plans Being Prepared.
ALTERATIONS Approx. \$50,000
SAN FRANCISCO, NE Kearny & Market Sts. (De Young Bldg)
 Extensive alterations to ground floor for stores.
 Owner—M. H. De Young.
 Lessee—Dunn-Williams Co., 156 Montgomery St., San Francisco.
 Architect—S. Helman, 57 Post St., San Francisco.

Contract Awarded.
BAKERY & OFFICE Approx. \$25,000 (1st unit)
SACRAMENTO, Cal., Fifteenth and R Streets.
 One-story reinforced concrete bakery and office building.
 Owner—Perfection Bread Co.
 Architect—Leonard F. Starks, Ochsner Bldg., Sacramento.
 Contractor—Wm. Keating, Forum Bldg Sacramento.
 This contract is only for the first unit of a 2-story structure to cost \$110,000.

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Young man seeks opening with manufacturer of sheet metal or light structural steel products, or a standard product, heating and ventilating systems, building material, etc. Able organizer of plant and employees, shop and cost systems, improver of products, member American Society Mechanical Engineers, best of reference. Possible future financial investment.
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SAN FRANCISCO, CALIFORNIA

20 STILLMAN ST.

1924

Official Proposals

NOTICE TO CONTRACTORS

(Seawall and Pier—State Board of Harbor Commissioners)

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, December 2, 1924.

Sealed proposals or bids will be received at this office at or prior to 2 o'clock P. M., Friday, January 2, 1925, for furnishing necessary materials, labor and equipment for constructing seawall and bulkheads and making a fill for Islais Reclamation Project No. 2, on the waterfront of the City and County of San Francisco, in accordance with plans and specifications adopted by the Board December 4, 1924, and on file in this office, to which special reference is hereby made.

The work to be done under these specifications consists in furnishing all necessary materials, labor and equipment for constructing seawall and bulkheads and making a fill for Islais Reclamation Project No. 2.

The work will be let in three separate contracts denoted as Contracts A, B, and C.

Contract A includes the construction of the trestle for dumping rock, and the reconstruction of the existing bulkhead.

The material to be used in Contract A consists of untreated Douglas fir lumber, untreated Douglas fir piles and steel bolts and fastenings.

Contract B includes the dredging for the rock seawall along the Islais channel.

Contract C includes the furnishing and depositing of rock for the core of the seawall along Islais street, and for the rock fill levees inclosing the deposit area of the dredger fill.

The rock to be used in the construction shall be any native rock, such as sandstone, serpentine or hard silicified shale which will break in a fair assortment of sizes from 3-inch material up to 100-lb. pieces. Clay, soft shale or laminated shale will not be accepted.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposed bid to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary, at the office of the Secretary, Room No. 17, Union Depot and Ferry House at or prior to 2 o'clock P. M., on Friday, January 2, 1925, at which time and place the bids will be publicly opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing \$10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mail envelope containing bid: "Bid to Work on Islais Reclamation Project No. 2."

CHAS. H. SPEAR,

M. F. COCHRANE,

JOHN E. SANFORD,

Board of State Harbor Commissioners.

FRANK G. WHITE,

Chief Engineer

J. L. PHELPS, Secretary.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

Power Line—Vandalla Irrigation Dist.

NOTICE IS HEREBY GIVEN that the Board of Directors of the Vandalla Irrigation District will receive sealed bids up to the hour of 1:30 P. M., on the 7th day of January, 1925, for the furnishing of all materials and labor necessary for the construction of approximately three and one-fourth (3 1/4) miles of electric power line carrying 2300 volts, as per plans and specifications prepared therefor by Irvin H. Athhouse, Engineer.

Each bid must be accompanied by a certified check in the sum of not less than 5 per cent of the total amount of the bid.

All bids must be on blanks furnished by the district for the purpose.

The Board of Directors reserves the right to waive defects, and to reject any or all bids.

H. C. PEGRAM, Secretary,
Vandalla Irrigation District,
Porterville, Calif.

NOTICE TO BIDDERS

(Pumps—Vandalla Irrigation District)

NOTICE IS HEREBY GIVEN that the Board of Directors of the Vandalla Irrigation District will receive sealed bids up to the hour of 1:30 P. M., on the 7th day of January, 1925, for the following Deep Well Turbine Pumps:

5—Deep Well Turbine Pumps, 300 G. P. M., Head 110 ft.

50 ft. of Column, fully equipped and installed with 2200 Volt, 3 phase 60 cycles 1200 R. P. M. Motor.

Bidders are requested to bid on mint type head and motor construction and also on standard vertical motor equipment.

Each bid must be accompanied by a certified check in the sum of not less than 5 per cent of the total amount of the bid.

All bids must be on blanks furnished by the district for the purpose.

The Board of Directors reserves the right to waive defects, and to reject any or all bids.

H. C. PEGRAM, Secretary,
Vandalla Irrigation District,
Porterville, Calif.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 35 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on January 5, 1925, at which time they will be publicly opened and read for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Amador County, between Jackson and a point three miles easterly (X-Ama-240), about two and six-tenths (2.6) miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done. With a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERHARDT,
N. T. EDWARDS,
California Highway Commission.

R. M. Morton,

State Highway Engineer.

W. F. MIXON, Secretary.

Dated December 8, 1924.

NOTICE TO BIDDERS

(Motors—Vandalla Irrigation District)

NOTICE IS HEREBY GIVEN that the Board of Directors of the Vandalla Irrigation District will receive sealed bids up to the hour of 1:30 P. M., on the 7th day of January, 1925, for the following motors:

1—125 H. P. Horizontal 2200 V. 3 phase 60 cycles 1300 R. P. M.

1—75 H. P. Horizontal 2200 V. 3 phase 60 cycles 1300 R. P. M.

1—40 H. P. Horizontal 2200 V. 3 phase 60 cycles 1300 R. P. M.

Each bid must be accompanied by a certified check in the sum of not less than 5 per cent of the total amount of the bid.

All bids must be on blanks furnished by the district for the purpose.

The Board of Directors reserves the right to waive defects, and to reject any or all bids.

H. C. PEGRAM, Secretary,
Vandalla Irrigation District,
Porterville, Calif.

NOTICE TO BIDDERS

(Fairmont School, El Cerrito, Cal.)

Notice is hereby given that sealed bids are invited and will be received by the Board of Education of the Richmond School District at its office in the Lincoln School, 235 Tenth Street, Richmond, California, up to and including the hour of 5 o'clock P. M., of **Tuesday, December 16, 1924**, at which time and place said bids will be opened, for the construction of an additional wing to the Fairmont School located in El Cerrito, California, according to plans and specifications adopted by this Board.

At the same time and place, separate bids will be received for the installation of the Heating System in said wing according to plans and specifications adopted by this Board.

Each bid must be accompanied by a bond or certified check payable to W. T. Helms, Clerk, equal in amount to ten per cent of the bid, which bond or certified check will be forfeited in case the successful bidder fails to enter into contract for the performance of the work within a period of ten days after the award of contract.

Plans and specifications may be secured at the office of James T. Narbett, Architect, 906 Macdonald Ave., Richmond, California. Plans and specifications for Heating may also be obtained at the office of Leland & Haley, Heating Engineers, 54 Sutter Street, San Francisco, California.

The Board reserves the right to reject any or all bids.

By order of the Board of Education.
J. O. FORD, President.
W. T. HELMS, Clerk.

NOTICE TO CONTRACTORS

(Refrigerating Plant—American Lake, Wash.)

SEALED PROPOSALS marked "Tropicals for Construction of Refrigerating Plant, American Lake, Wash." will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11:00 A. M., December 30, 1924, and then and there publicly opened for Refrigerating Plant at U. S. Veterans' Hospital #94, American Lake, Wash. Proposals will be considered only from individuals, firms, or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room #791, Arlington Building, Washington, D. C., or to the Medical Officer in Charge at the above named station. Deposit with application of a check or postal money order for \$5.00, payable to the Treasurer of the United States is required as security for return of drawings and specifications within ten days after date of opening proposals.

FRANK T. HINES, Director
December 1, 1924.

NOTICE TO BIDDERS

(Pumps—Vandalia Irrigation District.)

NOTICE IS HEREBY GIVEN that the Board of Directors of the Vandalia Irrigation District will receive sealed bids up to the hour of 1:30 P. M., on the 7th day of January, 1925, for the following pumps:

1—Pump 3300 G. P. M. 115 ft. Head.

1—Pump 2100 G. P. M. 115 ft. Head.

1—Pump 800 G. P. M. 140 ft. Head.

Each bid must be accompanied by a certified check in the sum of not less than 5 per cent of the total amount of the bid.

All bids must be on blanks furnished by the district for the purpose.

The Board of Directors reserves the right to waive defects, and to reject any or all bids.

H. C. PEGRAM, Secretary,
Vandalia Irrigation District,
Porterville, Calif.

THEATRES

(Continued from Page 20)

MARSHFIELD, Ore.—Architect Lee Thomas, 5. S. National Bank Bldg., Portland, commissioned to prepare plans to remodel Noble Building for theatre to seat 1200; will have 75 ft. frontage on Broadway and 145 ft. depth; conc. and steel balcony. Coos Bay Amusement Co., Blue Moose Theatre, Marshfield, are the owners.

SAN DIEGO, San Diego Co., Cal.—Mrs. F. M. White, San Diego, is building open air theatre, 200x205 ft. and artificial lake on Mt. Helix, 14 miles E of San Diego.

Contract Awarded.
THEATRE Cost, \$399,000
RIO VISTA, Solano Co., Cal.
Briest theatre building.
Owner—Paul Weiss, Rio Vista, Cal.
Architect—None.
Contractor—Chas. Mabrey, Ochsenr Bldg., Sacramento.

WHARVES & DOCKS

Contract Awarded.
PIER, ETC. Cost, \$587,000
SAN FRANCISCO, Pier No. 50.
Pier and bulkhead wharf, creosoted piles and timber and concrete piles with concrete deck 600x400 ft.
Owner—State Board of Harbor Commissioners.
Engineer—Frank G. White, Ferry Bldg San Francisco.
Contractor—Clinton Constr. Co., 923 Folson St., San Francisco.

VENICE, Cal.—Venice is reported planning a pleasure harbor to cost something over \$1,000,000. Highways surrounding the proposed yacht harbor are Lincoln, Washington and Del Rey Blvds. Chas. Short is one of the promoters of the project.

SAN FRANCISCO, Cal.—See "Factories and Warehouses, this issue.

SAN FRANCISCO—Until Jan. 2, 2 P. M., bids will be received by State Board of Harbor Commissioners, Ferry Bldg., to construct, loose rock seawall for reclaim 26 acres and construct wharf at Islals Creek; seawall will be about 1500 ft. long; wharf 100 ft. wide along side of seawall. Work will be let in three separate contracts. Frank G. White, ch. eng. for comm. See call for bids under official proposal section in this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

Glass and Painting Bid Being Taken.
BUILDING Cost, \$50,000
SAN FRANCISCO. N Market & 6th. Two-story frame undertaking parlour building.

Okner—John & Sarah Hayden, Dolores St., S. F.

Architect—D. C. Coleman, 110 Sutter St., S. F.

Contractor—John Spargo, Russ Bldg., San Francisco.

Sub-contracts already let are: Plastering—Jas. Smith, 271 Minna St., San Francisco.

Plumbing—E. Sugarman, 3624 Geary St., S. F.

Being Done by Day's Work and Sub-Contracts.

ADDITION Cost, \$200,000
SAN MATEO COUNTY. Cypress Lawn Cemetery.

Reinforced concrete and steel addition to Catacombs (Mall stone exterior, marble art stone and bronze interior).

Owner—Cypress Lawn Cemetery Ass'n.

Architect—B. J. Cahill, 357 12th St., Oakland.

Concrete work and erection of steel is being done by the owner. Balance of work to be done by sub-contracts.

Bronze work contract awarded to Mr. Jerome of Berkeley.

CALEXICO, Imperial Co., Cal.—Calerico Dry Cleaning Co., Mr. Grant, mgr., has started work on new adobe and stucco bldg., 60x40 ft. at cor. Imperial and 8th Sts.; 2 bungalows will also be built.

SAN FRANCISCO—Until Dec. 15 2:30 P. M. bids will be received by Leonard S. Leavy, city purchasing agent, to furnish lumber required from Jan. 1 to June 30, 1925, under Proposal No. 94. Lists of materials desired will be furnished on request.

PORTERVILLE, Tulare Co., Cal.—J. A. Harris, Brawley, has leased site on S. P. Ry. at Porterville where he contemplates guilding cotton gin and oil mill.

FRESNO, Fresno Co., Cal.—Sugar Pine Lumber Co., 1201 Harrison St., San Francisco, announces \$250,000 mill to be constructed for lumber company the company mill at Pinedale, Fresno County. Program includes purchase of \$30,000 locomotive (order already placed); erection of new administration building; constant hot steam and water will be one-story frame construction, 142 by 123 ft.; mill pond will be enlarged from 15 acres to between 40 and 50 acres.

PLEASANTON, Alameda Co., Cal.—Rhodes-Jameson Co., Broadway and Water Sts., Oakland, has purchased gravel property in Murray Township, at Elliot, near Pleasanton, and will establish a gravel plant. The property embraces 135 acres. New equipment will be installed.

SAN BERNARDINO, San Bernardino Co., Cal.—Southern Pacific and Pacific Electric will remodel depot used jointly by the two companies here. Wash and toilet rooms will be changed and office fixtures and electric sign installed. Second story may be added.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 813 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for more additional information should be made to the business opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8765—Vancouver, B. C. Firm wishes to communicate with San Francisco manufacturers of storage battery plates, boxes and separators, for both cars and radios.

8758—Mexico, D. F. Well established trading company is in an excellent position to serve San Francisco firms desiring to buy or sell goods throughout Mexico and Central America, as they have a large organized sales force covering those territories.

8760—Buenos Aires, Argentina. Importer and commission merchant desires to represent San Francisco exporters and producers in the Argentine territory. References are given.

8766—Vienna, Austria. Vienna "Gobelin" manufacturers of picture-carpets, furniture covers, tapestries, hangings, etc., wish to establish a market here for their high class products.

8768—San Francisco. Importer of Belgian raw products, cement, plate glass and silicates desires to quote prices to users in San Francisco.

8769—Bucharest, Roumania. Established firm wishes to represent San Francisco manufacturers or exporters desiring to extend their market to Roumania.

8773—Manila, P. I. Gentleman with wide selling experience in foreign countries desires to represent San Francisco firms as sales agent in the Philippine Islands.

D-1420—Brooklyn, N. Y. Manufacturers of tools and machinery in shoe and manufacturing plants desire to appoint a representative in this territory.

D-1421—Portland, Ore. Building specialist wishes to act as representative in this territory.

D-1422—Berkeley, Cal. Individual returning east in Spring wants contact with manufacturers who desire introduction of their lines in eastern states.

Engineering News Section

BRIDGES

SAN MATEO-ALAMEDA COUNTIES, Calif.—Until Dec. 17, bids will be rec. by John Lyle Harrington, chief engineer, Dumbarton Highway Bridge Corporation, Santa Fe Bldg., San Francisco, to const. bridge over San Francisco Bay at Dumbarton, structure to consist of 9 steel spans, each about 200-ft. in length with concrete deck and 34-ft. roadway. Total length of structure 3600 feet. Est. cost \$2,000,000. Plans obtainable from above office.

SAN LUIS OBISPO, Cal.—County supervisors vote to appropriate \$25,000 to const. bridge at Pismo, provided State Highway Commission will start work on new road and crossing within six months and complete job within one year.

MARYSVILLE, Yuba Co., Cal.—County Surveyor J. R. Meek instructs by supervisors to prepare plans for short bridge over Algodona Slough on the route of the Feather River Blvd.

MERCED, Merced Co., Cal.—U. S. Steel Products Co., Rialto Bldg., San Francisco, at \$533,514 awarded cont. by Merced Irrigation District to furnish steel in connection with bridges along line of relocation of Yosemite Valley railroad.

MADERA, Madera Co., Cal.—Supervisors vote State Highway Commission \$10,000 appropriation for const. of conc. bridge on state highway over Chowchilla river.

EUREKA, Humboldt Co., Cal.—Smith Bros. Co., Eureka, at \$146 submits low bid to city council to const. timber trestle bridge over gulch at junction of Harris and Harrison aves. Henry Padgett, Eureka, \$4300, only other bidder. Taken under advisement. Harry H. Hannah, city engineer.

MADERA COUNTY, Calif.—Following bids rec. by State Highway Commission, Dec. 8, to const. rein. conc. girder bridge in Madera county, over Chowchilla river, about 3 1/2-mi. north of Chowchilla, consisting of five 25-ft. spans involv. 210 cu. yds. class A cem. conc. (bridge); 15 cu. yds. class E cem. conc. (bridge); 360 cwt. rein. steel (bridge); 24 rein. conc. piles; 500 cu. yds. roadway embank. without classification; 40 cu. yds. rip rap; 40 cu. yds. class A cem. conc. (pavement); 80 sq. yds. reinf. steel in place (pavement); engineer's estimate, \$12,351.

Albert K. Wilson, St. Helens (low)	.....	\$ 7,370
M. Bertolini, F. F. ....	.....	12,366
Levingston-Hight, San Francisco	.....	13,236
Noble Bros., Visalia	.....	13,072
C. K. Gildersleeve, Taft	.....	13,334
E. C. Engle, Dos Palos	.....	13,379
Otto Farlier, Tulare	.....	13,750
Rocca & Collette, San Rafael	.....	13,841
H. C. Whitty, Sanger, Cal.	.....	14,078
K. Saruth Eng. Co., Los Angeles	.....	14,589
Sorensen & Da. Mand, Sanger	.....	15,415
Harry Nelson, Bishop	.....	15,970

VENTURA, Cal.—Mercereau Bridge & Constr. Co., 313 N. Ave. 23, awarded cont. by supervisors for 2 timber bridges across Revolon Slough in 6th and 7th Road Districts at \$1966 for bridge No. 1, 97.5 ft. long and 18 ft. wide, at \$1839 for bridge No. 2, 58.5 ft. long and 20 ft. wide and at \$1869 for bridge No. 3, 58.5 ft. long and 18 ft. wide.

MERCED, Merced Co., Cal.—Until Dec. 22, 10 A. M., bids will be rec. by P. J. Thornton, county clerk, to const. rein. conc. siphon, No. 136, over Arena Canal on Livingston-Wood Rd. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of clerk.

IMPERIAL COUNTY, Calif.—Following bids rec. Dec. 8 by State Highway Comm. to const. wooden cressed pile trestle across main canal of Yuba project about 1-mi. west of Yuma, Imperial County, consisting of five 19-ft. spans involv. 10.0 ft. select common Douglas fir timber; 17.0 M ft. b.m. number one common Douglas fir timber; 1.6 M ft. b.m. number one common redwood timber; 28 cressed Douglas fir piles; 220 sq. yds. type "B" wearing surface. Alternative items—220 sq. yds. type "A" wearing surface.

W. M. Ledbetter & Co., Alhambra Road (low);	(A) no bid; (B) \$552;
(B) no bid;	
Chas. L. Wigg, Manhattan Beach, (A) no bid; (B) \$11,249; (C) no bid.	
Norman B. Conway, Yuma, Ariz. (A) no bid; (B) \$5735; (C) no bid.	
W. A. Patterson, Los Angeles, (A) \$9450; (B) \$9504; (C) \$9504.	
McKay & Schenck, Los Angeles, (A) \$8053; (B) \$7949; (C) \$7949.	
Engineer's estimate, (A) \$5768; (B) \$5768; (C) \$5768.	

RENO, Nevada—Washoe County Commissioners vote to const. two rein. conc. bridges near Verdi and steel bridge over Truckee river at Wadsworth. Two structures near Verdi will span Truckee river.

PORTLAND, Ore.—Until Jan. 7, 10 A. M., bids will be rec. by Jos. W. Bevebridge, county clerk, to fur. 14,000 bbls Portland Cement for use in construction with Sellwood bridge over Willamette river.

TACOMA, Wash.—Pierce County Engineer Votaw has completed plans for bridge over Puyallup river at Meridian St., Puyallup, single truss span, 371 ft. long; 20 ft. wide; 6-in. conc. slab deck; est. cost, \$85,000.

BAKERSFIELD, Kern Co., Cal.—Until Dec. 15, 5 P. M., bids will be rec. by V. Van Riper, city clerk, to const. 2 culverts of 24-in. conc. pipe at intersection of Baker St. with Araujo Ditch. Cert. check 10% payable to city req. Plans on file in office of clerk, W. D. Clarke, city engineer.

LOS ANGELES, Cal.—Until 10 A. M., Dec. 23, bids will be rec. by Bd. Pub. Wks. to const. State St. bridge over tracks of P. E. Ry. bet. McAllister St. and Pomeroy Ave. Spec. on file at office city engr., 405 s. city hall annex. Bridge will be of reinf. conc. and consist of 8 34-ft. spans. Quant. are: 1235 cu. yds. "A" conc., 78 cu. yds. "C" conc., 6 cu. yds. "D" conc., remov. existing bridge, 13.5 tons reinf. steel. Merrill Butler, bridge engineer.

MERCED, Merced Co., Cal.—U. S. Steel Products Co., Rialto Bldg., San Francisco, at \$533,514 awarded cont. by Merced Irrigation District for steel superstructures for 5 bridges on line of re-located Yosemite Valley Railway. Bids based on lump sum under Schedule B, design, furnish and fabricating steel work, for Schedule D, for erection (delivery over the new railway) at \$525,514.75, plus \$11,000 for placing timber floors. The bid is for riveted steel bridge with an alternative design for a continuous girder on bridge No. 3. The bids under schedule B were: Virginia Bridge & Iron Co., \$336,000; U. S. Steel Products Co., pin connected (regular), \$350,986; riveted (alternative), \$349,545; riveted No. 3 continuous, Schedule B and D, \$522,514.75; Moore Dry Dock Co., \$376,210; McClintock-Marshall Co., \$382,697.01; Wisconsin Bridge & Iron Co., \$428,824.45. Bids on Schedule D were: U. S. Steel Products Co., \$211,357.38, pin connected, \$211,357.38; riveted; Moore Dry Dock Co., \$307,700; Ross Constr. Co., \$297,622.99; Irving Gottlieb, \$229,469.81. Steel work involve 7,207,100 lbs. Bids on separate bridges were also submitted by Pacific Coast Engr. Co., Milwaukee Bridge Co.

Award to Davis-Heller-Parce Co., Delta Bldg., Stockton, for the concrete sub-structure for the five bridges was as follows: 9750 cu. yds. unclass. excav. at \$2.90 yd.; 27,820 cu. yds. mix and place conc. at \$6.47 yd.; 22,625 lbs. reinf. at 8c lb.; total, \$210,080.40. Other bids for conc. work for all 5 bridges were:

Utah Constr. Co., \$4 excav., \$13.40 conc., 8c reinf., total, \$413,598;
Geo. Pollock & Co., \$15 conc., 8c reinf., 10c reinf., total, \$458,562.50; F. Rolandi, \$4.50 excav., \$19.25 conc., 8c reinf., total \$581,220. Bids on separate bridges were submitted by Adell-Cartwright Co., Otto Farlier, Carlson Bros., Sorensen & Da. Mant, Thos. Kelley & Sons, and H. C. Versano.

PORTLAND, Ore.—As previously reported, bids will be rec. by Multnomah County Commissioners, Portland, until Jan. 7, to const. Sellwood bridge. Project involv.

Sub-structure: (excavation) 8,700 cu. yds. sand and gravel; 370 cu. yds. boulders; 240 cu. yds. rock; 130 cu. yds. iron; 18,000 lin. ft. timber piling; 2,705 cu. yds. 1:3.5 conc.; 2,820 cu. yds. 1:2.4 cu. yds. conc.; 68,000 lbs. reinforcing steel.

Superstructure: 2,450,000 lbs. new structural steel; 72,000 lbs. structural steel from old Burnside bridge; 153,000 lbs. cast steel; 2,000 lbs. cast iron; 1,000 lbs. 1:1 conc. in deck; 14,000 lbs. rein. steel in deck; 2,420 lin. ft. conc. and pipe hand rail.

Approaches: 1,190 cu. yds. earth excavation; 135 cu. yds. 1:3 conc.; 1,610 cu. yds. conc.; 341,000 lbs. rein. steel; 3,420 lin. ft. conc. and pipe hand rail; 24 lamp posts, including fixtures and wiring.

Plans obtainable from offices of Gustav Lindenthal, engineer, 250 1/2 Third St., Portland, obtainable on deposit of \$50 of which \$30 is returnable on return of plans in good condition. Hans R. Rodels, resident engineer on project.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO—See "Wharves and Docks," this issue. Bids wanted for loose rock sea wall and dock. (State Board of Harbor Commissioners).

VENTURA, Cal.—Bids rec. by supervisors for earth work on the Burnham Rd., approx. 16,000 ft., involv. 15,000 cu. yds. excav. and 15,000 cu. ft. B. M. cressed lumber in culv. were related because low bidder did not understand that

Carbide Flare Lights OxyAcetylene Equipment

Goggles—Respirators

First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

only about one-half of the work was to be done at present. County forces will start on approx. one-third of the work. The bids were: Chas. G. Willis & Son, \$102,000; earthwork, \$102,000; and J. W. Bredelove, \$135,000 earthwork, \$135,000.

IRRIGATION PROJECTS

YOLO-SOLANO COUNTIES, Calif.—Bids will probably be asked in January by Reclamation District No. 2068, comprising 13,140 acres in Yolo and Solano counties, involving an expenditure of \$500,000. The announcement is made by Felix T. Swan, secretary manager of the district, 3844 Lincolnway St., Oakland. Work will consist chiefly of pump installations and canal construction. F. C. Hermann, chief engineer for district, Merchants Exchange Bldg., San Francisco, G. Sullivan, resident engineer for project, and Directors of district are: J. P. Thomsen of Dixon, J. W. Preston Jr., of San Francisco and Felix T. Swan of Oakland.

LOS ANGELES, Cal.—Until 2 P. M. Dec. 22, bids will be rec. by supervisors to const. drainage system in East Whittier, adjacent to Santa Fe Ry. Work (Drainage Impvt. Dist. No. 9). Work will involve, 41,865 cu. yds. excav., 6750 ft. 8-in. and 840 ft. 12-in. drain tile, with plain joints, 2 junction chambers. Plans on file at office of County Drainage and Sanitation Engineer, Albert K. Warden, 700 N. Hall of Records, Los Angeles. Cert. chkl. or bond, 70%. Mame B. Beatty, clerk of Supervisors.

OAKDALE, Stanislaus Co., Cal.—H. E. Macauley, San Francisco, at \$6155.70 (engineer's estimate \$2,484.82) submitted only bid to Oakdale Irrigation District for project schedule No. 1. Bids opened Dec. 8. Bid was rejected. No bids received on other schedules and all work will be done by force account under supervision of E. E. Hartley, ch. eng. for dist. Bids were asked under the following schedules:

Schedule 1—"Boardman Drain" consists of 1 1/4-mi. open ditch, involv. 11,715 cu. yds. excavation; 3 20-in. conc. pipe culverts, 24-ft. long with bulkheads, trench, backfill and lay 300 in. ft. 16-in. conc. pipe with conc. inlet box; excavation of trench for pipe involv. approx. 689.3 cu. yds.

Schedule 2—"Patterson Drain" consists of about 3/4-mi. open ditch involv. 4785.1 cu. yds. excavation and of trench, backfill and lay 1683 lin. ft. 12-in. conc. pipe with conc. inlet box; excavation of trench about 4169.8 cu. yds.

Schedule 3—"Peterson Drain" consists of 50-ft. open ditch involv. 622.4 cu. yds. excavation; 2 12-in. conc. pipe culverts 50-ft. long with bulkheads; trench, backfill and lay 655 lin. ft. 12-in. conc. pipe with conc. inlet box; trench excavation for pipe involv. 195.9 cu. yds.

Schedule 4—"Crane Drain" consists of 2 1/4-mi. open ditch, involv. 3373 cu. yds. excavation; 2 24-in. conc. pipe culverts 24 ft. long with bulkheads and 1 24-in. conc. pipe culvert, 72 ft. long, with bulkheads.

Schedule 5—"Minnear Drain" consists of trench, lay and backfill 96 lin. ft. 8-in. conc. pipe and construction of 5 wells, each well consisting of 10 lin. ft. 24-in. conc. pipe.

LIGHTING SYSTEMS

SANTA BAREARA, Cal.—City council plans installation of street lighting system in State St.; est. cost, \$26,000.

RIVERSIDE, Cal.—Petitions are in circulation to extend Market St. lighting system across Tequesquite fill and thence out Magnolia Ave. to Madison St.

PASADENA, Cal.—City directors plan ornamental lights (Marbelite posts) on E. California St., bet. S. Fair Oaks and S. Lake Aves.

ALHAMBRA, Cal.—James C. Perry, awarded cont. at \$98,827 for ornamental lights in Main St., bet. e. and w. city limits.

PASADENA, Cal.—W. A. McNally, 517 S. Broadway, Pasadena, awarded cont. at \$7380 for ornamental lights in Arlington Dr., bet. S. Fair Oaks and S. Orange Grove Aves.

LONG BEACH, Cal.—Fritz Ziebarth, 302 E. Anaheim St., Long Beach, sub. low bid to city at \$12,836 for ornamental lights in Seaside Blvd., bet. Pine Ave. and e. line of lot 23 blk. N. Ocean Pier Tr. Other bids: Robertson Elec. Co., \$13,194; N. M. Beard, \$13,300; Walker & Martin, \$13,395.

HEADLEBURG, Sonoma Co., Cal.—City trustees plan early installation of street lighting system in main streets; est. cost, \$14,000.

SAN MATEO, San Mateo Co., Cal.—Until Dec. 15, 8 P. M., bids will be rec. by E. W. Foster, city clerk, to install in portions of 3rd Ave., El Camino Real, A St., 22 c. l. single lamp electrolights. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

LOS ANGELES, Cal.—Newberry Elec. Corp., 726 S. Olive St., sub. low bid to Bd. Pub. Wks. at \$129,778 for ornamental lights in Moneta Ave., bet. Main St. and Florence Ave. Other bids: Elec. Lighting Supply Co., \$132,560; Geo. W. Kemper, \$134,798; Osborn Elec. Co., \$136,000; R. A. Wattson, \$136,415; Robertson Elec. Co., \$139,470; James C. Perry, \$140,872; C. W. Sparks, \$141,711. H. C. Reid & Co., Grant Bldg., at \$61,860 for ornamental lights in Western Ave., bet. Santa Barbara and Slauson Aves. Other bids: Newberry Elec. Corp., \$62,771; R. A. Wattson, \$64,482; James C. Perry, \$63,849; Geo. W. Kemper, \$64,898; Robertson Elec. Co., \$65,333; Elec. Lighting Supply Co., \$65,920; Osborn Elec. Co., \$68,473; Walker & Martin, \$73,186.

Elec. Lighting Supply Co., 216 W. 3rd St., low at \$43,542 for Ornamental lights in Moneta Ave., bet. Florence and Manchester Aves. Other bids: Newberry Elec. Corp., \$43,875; Geo. W. Kemper, \$44,948; H. C. Reid & Co., \$45,850; Walker & Martin, \$46,849; R. A. Wattson, \$47,766; James C. Perry, \$47,324; Robertson Elec. Co., \$47,649; Osborn Elec. Co., \$48,294; C. W. Sparks, \$51,500.

A. C. Rice, 1963 Santee St., low at \$2489 for ornamental lights in Palm Grove Ave., bet. Washington and 21st Sts. Fritz Ziebarth bid \$2621.

GLENDALE, Cal.—Council declares intent to install ornamental lights compl. in Harvey Dr., bet. Wilson Ave. to Hill Dr. and in Hill Dr., bet. s. w. extension of s. e. line of lot 16, Tr. 4661, and n. w. extension of lot 33, Tr. 4661, and portion of Summit Dr. and other Sts., also for completion of partially finished light system in Eroderick Ave., bet. Wilson Ave. and Hill Dr. A. J. Van Wieu, city clerk. John F. Johannsen, city engineer.

LOS ANGELES, Cal.—Until 10 A. M. Dec. 22, bids will be rec. by Ed. Dul Wks. for ornamental lights in Hill Centro Ave., bet. Hollywood and Santa Monica. Bldgs.: 46 pre-stressed steel posts; 1911 act.

GLENDALE, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, awarded cont. at \$18,900 for ornamental lights in Los Feliz Road, bet. Glendale Ave. and S. P. tracks, about 5 blocks.

MACHINERY AND EQUIPMENT

LOS ANGELES, Cal.—Bids rec. by pub. serv. comm. for electrically operated traveling crane under spec. 726-A were:

Fulton Engineering So.—(1) \$—; (2) \$5925; (3) \$6450; (4) \$—; (5) \$4775.

Union Iron Works—\$7680, alt. \$4799, alt. \$3950.

Baker Iron Works—(1) alt. \$5900, alt. \$5011; (2) \$5591; (3) alt. \$4205; (4) alt. \$4397; (5) \$4417, alt. \$5031.

WATTS, Cal.—Until 8 P. M. Dec. 15, bids will be rec. by city for sale of used property including one chemical fire truck, one steam roller, and two automobiles. Sarah A. Smith, city clerk

STOCKTON, San Joaquin Co., Cal.—Until Dec. 15, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to fur. two motor truck chassis, solid tires, equipped with cab and windshield; rated capacity without overload of not less than 2 1/2 tons or more than 3 1/2 tons. Cert. check 10% payable to City Auditor req. Spec. on file in office of clerk. Wm. B. Hogan, city engineer.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 15, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to fur. one motor driven street sweeper of either vacuum or pick-up type. Cert. check 10% payable to City Auditor req. Spec. on file in office of clerk. Wm. B. Hogan, city eng.

LOS ANGELES, Cal.—Const. Mch. Co., 455 E 3rd St., sub. only bid to pub. serv. comm. for 2 portable conc. mixers under spec. P-343-436 as follows: 7 cu. yds. cap., \$1050; 5 cu. yds., \$945. (Allowance of one week's rental and certain other terms.)

MODESTO, Stanislaus Co., Cal.—Modesto Chamber of Commerce, Transportation Committee, is securing estimates of cost for installation of motor bus system. Mack and Reo vehicles will be displayed in the organization's quarters in the immediate future.

OAKLAND, Cal.—City council plans installation of traffic signal system in downtown streets; est. cost, \$12,800; light system with bells. W. W. Harmon, City Engineer.

LOS ANGELES, Cal.—Until 3 P. M. Dec. 9, bids will be rec. by public service commission, 207 S. Broadway, for four 2-ton electric truck chassis; spec. P-343-439. Jas. P. Vroman, secretary.

PORTLAND, Ore.—Until Dec. 17, bids will be rec. by Multnomah County Commissioners, Courthouse, to fur. laundry machine for county farm near Troutdale, Ore. Inner cylinder to be of wood, and 26 in. in dia. by 72 in. in length, with 2 doors, 1 partition, brass hinges, catches and hoops, double geared, similar to "Globe Metal Case Washer" or eq.

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HEADSBERG, Sonoma Co., Cal.—Automatic Signal & Sign Co., San Francisco, awarded cont. by city to fur. 152 double-faced aluminum street signs and 36 wrought iron standards upon which to mount signs.

VENICE, Cal. City will readvertise for bids for tractor. Previous low bid of \$2,300 was received on bid. J. B. Wallace, city clerk.

ORLAND, Glenn Co., Cal.—Until Dec. 18, 7:30 P. M., will be rec. by F. I. Mapes, town clerk, to fur. one road grader, equipped with 7 ft. blade. Spec. on file in office of clerk.

LOS ANGELES, Cal.—Madson Iron Works, 5529 Bickett st., sub. low bid to Bd. Pub. Wks. at (a) \$22,000 and (b) \$21,500 for portable paving plant, (c) complete with steel ash, heating tanks, and (d) complete with concrete pump, heating and storage pits; delivery, 90 days; C. F. Pierson, (a) \$24,355.05 and (b) \$23,528.65; delivery, 90 days.

EL CENTRO, Cal.—Until 7:30 P. M., Dec. 13, bids will be rec. by city for one rapid find sand filter washing machine of 5,000,000 gal. cap. per day, for waterworks system, incl. installation. Spec. on file at office of City Clerk, James A. Schofield.

RAILROADS

HOLBROOK, Ariz.—Santa Fe Ry. surveying for new double track line from Holbrook east, about 2 miles from present line to avoid drifting sand.

FIRE EQUIPMENT

ISLETON, Sacramento Co., Cal.—City trustees contemplate purchase of motor fire truck.

LONG BEACH, Cal.—Until 10 a. m., Dec. 13, bids will be rec. by city mgr. for one gasoline motor propelled triple combination pumping engine of at least 4-cyl.; special spec. No. C-53. Cert. check or bond 10%. C. H. Windham, city manager.

RESERVOIRS AND DAMS

EUGENE, Ore.—Election will be held in March to vote bonds of \$50,000 to finance const. of 3,000,000 reservoir on Skinner Butte.

LOS ANGELES, Cal.—International Diamond Drill Co., 501 Hobart Bldg., San Francisco, sub. only bid to county at \$3300 for test and core borings at Big Telunga dam site. Bid was (a) \$3200 for 400 vertical ft. which may be distrib. in an indefinite number of holes in locations selected by chief engr. in boulder wash material downward, at \$3 ft., (b) \$700 for 100 vertical ft. in an indefinite number of holes in bed rock beneath the boulder wash and beneath the boulder wash encountered in drill holes of class (a), holes to be drilled vertical in such places as chief engr. may designate upon either side of the dam site and below the elevation of 1340 U. S. G. S., at \$7 ft.

ST. HELENS, Ore.—J. C. Compton, McMinnville, Ore. at \$30,648 awarded cont. by council to const. reservoir for Municipal water system. F. W. Allen, engineer, Railway Exchange Bldg., Portland, Ore.

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—Awards made by pub. serv. comm. for c.l. pipe under spec. 734-C, Dec. 2, were:

McWane Cast Iron Pipe Co.—500 pcs. 4-in. by 12-ft. class "B", f. o. b. cars Lankershim 1.55 c. 500 pcs. 6-in. by 12-ft. class "B" f. o. b. cars Lankershim 84c ft. Delivery: shipment immed., complete in 90 days.

U. S. Cast Iron Pipe & Fdy Co.—6655 pcs. 4-in. De Lavaud class 250, 12-ft. lengths, f. o. b. trenchside 57.5c ft.; 5161 pcs. 6-in. De Lavaud class 250, f. o. b. trenchside \$2.9c ft.; 3415 pcs. 8-in. centrifugal De Lavaud class 250, f. o. b. trenchside \$1.215 ft.; 1950 pcs. 8-in. class "C" f. o. b. trenchside, 5-meter lengths \$1.3859; shipment half 4-in. and all other sizes in Jan., bal. 4-in. in February.

American Cast Iron Pipe Co.—3085 pcs. 4-in. class C, 16-ft. lengths, f. o. b. trenchside 55.3c ft.; 2415 ft. 6-in. class C 16-ft. lengths, f. o. b. trenchside, 93.8c ft.; delivery, 90 days.

RED BLUFF, Tehama Co., Cal.—Cross and Hauff, Red Bluff, at \$550 ft. awarded cont. by city trustees to drill well at waterworks.

LOS ANGELES, Cal.—McWane Cast Iron Pipe Co., Central Bldg., awarded cont. by pub. serv. comm. for 2-in. c.l. pipe under spec. W-326, as follows: 10,000 pcs. 2-in. bell and spigot pipe at 29c ft., 2000 pcs. hub and thread pipe at 34c ft. 6-ft. lengths, for 150 lbs. working pressure; delivery, part immediately, balance 60 days from award of contract.

LOS ANGELES, Cal.—Crane Co., 319 E. 3rd St., awarded cont. by pub. serv. comm. at \$8.39 per 100 ft. for 100,000 ft. 3/4-in. galv. wr. steel pipe; shlpmt. by rail and water; spec. No. W-323. Award was made on disc. terms.

CORCORAN, Kings Co., Cal.—Until Dec. 15, 3 p. m., bids will be rec. by Jas. C. Condon, city clerk, to fur. 2080 ft. 6-in. c.l. pipe class B, bell and spigot, in 16-ft. lengths; five 6-in. by 4-in. tees, all bell ends; prices to be f. o. b. Corcoran. Cert. check 10% payable to city required.

LONG BEACH, Cal.—City Mgr. C. H. Windham authorized to award cont. without advertising for bids, for const. of 10-in. gas main from the Associated Oil Co.'s lease in Dominguez Field to intersection of Carson St. and Prospects Ave. within Davidson City. Consideration to be on a basis of \$2.25 per lin. ft., total not to exceed \$45,000. H. C. Waughop, city clerk.

LOS ANGELES, Cal.—Until 3 p. m., Dec. 26, bids will be rec. by pub. serv. comm. 207 S Broadway, for c.l. fittings spec. 739, Jas. P. Vroman, secy.

SEWAGE DISPOSAL PLANTS

PISMO BEACH, Cal.—Wm. Lane, Paso Robles, sub. low bid to Pismo Beach sanitary dist. at \$13,259.90 for main sewer and sewer disposal works. Merritt-Chapman & Co., First Natl. Bank Bldg., Wilmington, awarded cont. at \$15,000 for 12-in., 45-lb. wrought iron ocean outfall, 1375 ft. in length 1800 ft. was planned.

Black & Veatch 617 617 Ferguson Bldg., Los Angeles, consulting engrs.

PISMO BEACH, Cal.—Wm. Lane, Paso Robles, awarded cont. by Pismo Beach Sanitary Dist. at \$13,259.90 for main sewer and sewage disposal works.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—Constr. Machy. Co., 455 E. 3rd St., awarded cont. by pub. serv. comm. at \$1995 for two concrete mixers under spec. P-343-436, with 5% disc, payment 10% following month. Union Iron Works, 515 Santa Fe Ave., awarded cont. at \$4790 for electrically operated traveling crane (alt. No. 3) for use at San Fernando valley general plant; spec. 736-A.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy estimates cost of Eureka-Mission-Sunset Municipal Railway Tunnel at \$1,500,000. City will pay \$600,000 of cost and property owners \$1,000,000.

WATER WORKS

SEATTLE, Wash.—J. L. Smith, 304 W. 36th St., Seattle, at \$54,915 awarded cont. by Bd. Pub. Wks. to trench, haul, lay and rivet 54-in. lock bar water pipe in 20th Ave. and other Sts.

TERRA BELLA, Tulare Co., Cal.—Directors of Terra Bella Irrigation District reject bids to const. 1500-bbl. steel water tank. The project will be abandoned temporarily.

OAKLAND, Cal.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$6274 awarded cont. by council to fur. one 20-1/2 suction dredge pump and base.

COMPTON, Cal.—Until 1:30 p. m., Dec. 30, bids will be rec. by Compton union high school dist. for supplies and machinery as follows: c.l. pipe and fittings; 1 25,000-gal. capacity centrif. pump; 1 25,000-gal. hemispherical bottom steel tank on 50 ft. tower and equip.; 1 30-h.p. vertical motor; strainer and fish trap, elec. stop and starter, and stop check valve. Cert. check or bond 10%. Plans and spec. on file with C. A. Parrish, consl. engr., and A. Herskind, clerk.

SAN DIEGO, Cal.—Bids rec. by City Purch. Agent W. H. Cameron for two centrif. pumps and elec. motors for University Hts. stand-pipe rejected.

YREKA, Siskiyou Co., Cal.—Bond issue for \$56,000 to finance water system improvements, recently voted, declared invalid and another election will be held Jan. 6. Issue will provide \$35,000 for purchase of Cady and Buckner properties; \$15,000 for const. of septic tank and \$7500 for repairs and coverings to reservoir.

LOS ANGELES, Cal.—Election will be held Jan. 15 to vote \$1,300,000 bond issue for water distrib. sys. in Laurel Canyon section. The sys. will serve about 10,000 ac.

WHITTIER, Cal.—Until 7:30 p. m., Dec. 23, bids will be rec. by city for valves and fittings. Spec. on file at office of city clerk, Paul Gilmore. Cert. check or bond 10%.

MT. SHASTA, Siskiyou Co., Cal.—Election will be called in January to vote bonds of \$40,000 to finance extensions to sewer and water systems.

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OAKDALE, Stanislaus Co., Cal.—Following bids rec. by city trustees to furnish and install pumping plant at municipal water works:
 Ulmar Pump Co., Porterville, \$1568.40
 Sterling Pump Co., Stockton, \$1600 and \$1340.

Byron Jackson Pump Co., Berkeley, \$1345, \$1800 and \$1977.
 Western Well Works, San Jose, \$1542.65 and \$1795.95.

Lane & Bowler, San Jose, \$1715 and \$1953.

Ryan Spray Co., San Jose, \$1449.70.
 California Hydraulic Co., San Francisco, \$1906.

Frank J. Kimball Co., Los Angeles, \$1915.50.

GILROY, Santa Clara Co., Cal.—City trustees plan purchase of chlorination plant; est. cost \$1000.

PORTERVILLE, Tulare Co., Cal.—See "Water Plants," this issue. Bids wanted for motor and power line. 35

GLADSTONE, Ore.—Election will be held Jan. 27 to vote bonds of \$27,000 to finance water system improvements.

LOS ANGELES, Cal.—Pac. Cast Iron Pipe & Fdy. Co., 688 Rio St., sub. low bid to pub. sewer, comm. at \$63.30 per 100 double 4-in. fire hydrants under spec. 737. Other bids: Keystone Iron & Steel Wks., \$66.85, with two alternates at \$66.85 ea.; United Casting Co. \$70.

PORTERVILLE, Tulare Co., Cal.—Until Jan. 7, 1:30 p. m., bids will be rec. by H. C. Pegram, secy. Vandalla Irrigation District, to fur. following pumps: one 800 g.p.m., 140-ft. head; one 2100 g.p.m., 115-ft. head; one 3000 g.p.m., 140-ft. head. Cert. check 5% req. with bid. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Keystone Iron & Steel Wks., 2331 Santa Fe Ave., awarded cont. by pub. serv. comm. at \$33.15 ea. f. o. b. Vester and Aetna Ss. Van Nuys, for 335 24-in. single nozzle fire hydrants under spec. 736. Delivery, 100 in 90 days. Balance in 60 days thereafter. United Casting Co. bid \$33.50.

Calif. Filter Co., 1230 W. Adams St. awarded cont. at 13c lb. for liquid chlorine under spec. W-322; rental charge for cylinders, \$1.50 ea. per mo. when retained over 90 days from date of invoice; delivery, 7 to 10 days.

MANHATTAN BEACH, Cal.—City trustees plan election to vote \$15,000 bond issue for completion of municipal water sys. Llewellyn Price, city clerk.

YREKA, Siskiyou Co., Cal.—City votes \$56,000 bond issue to finance water improvements itemized as follows: \$35,000 for purchase of Cady and Buckner properties; \$15,000 for const. of water tank and \$7500 for repairs and coverings to reservoir.

PORTERVILLE, Butte Co., Cal.—Until Jan. 7, 1:30 p. m., bids will be rec. by H. C. Pegram, secy. Vandalla Irrigation District to fur. five deep well turbine pumps, 600 g.p.m., head 110 ft.; fifty of 12-in. pump, fully equipped and installed with 2200 volt, 3-phase, 60 cycles, 1200 r.p.m. motor. Cert. check 5% req. with bid. See call for bids under official proposal section in this issue.

PLAYGROUNDS AND PARKS

LOS ANGELES, Cal.—City has under consideration appropriation of \$100,000 for athletic field for s.w. part of city.

ELK GROVE, Calif.—See "Schools," this issue. Bids opened for three tennis courts.

RICHMOND, Contra Costa Co., Cal.—City council plans enlargement of park and playground lands being acquired in the Pullman district and for the purchase of additional ground for park improvements at the Washington school. A. C. Faris is city clerk.

RIVERSIDE, Cal.—Local civic organizations back move to purchase a municipal incinerator for the disposal of garbage.

LOS ANGELES, Cal.—Frank Shearer, supt. park dept., has proposed \$27,000, 000 park bond issue to establish a sys. of parks from San Pedro to San Fernando.

SAYO ALTO, Santa Clara Co., Cal.—City council plans bond issue to finance improvement of El Camino and Rinconada Parks. Bond election for \$30,000 held last May was defeated by 26 votes. J. F. Byxbee Jr., city eng.

MARYSVILLE, Yuba Co., Cal.—Until Dec. 15, 8 p. m., bids will be rec. by Geo. W. Richards, city clerk, to plant trees on shore of Elbe Lake. Approx. 2000 trees will be planted in addition to lawn, shrubbery, etc. Cert. check 10% of amount bid req. Specifications obtainable from city clerk.

SEWERS & STREET WORK

AMADOR COUNTY, Cal.—Until Jan. 5, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 2.6 mi. bet. Jackson and pt. 3 mi. easterly. R. M. Morton, state highway eng. See call for bids under official proposal section in this issue.

MILL VALLEY, Marin Co., Cal.—Town Trustees, Will Falley, clerk, declare inten. (No. 319) to imp. portions of Cottage Ave., involv. grade and pave with 5-in. hyd. conc., entire width; const. conc. curb, 2 conc. catchbasins. 1911 Act and Bond Act 1915. Protests Dec. 18. J. C. Orlowsky, engineer. Cheda Block, San Rafael.

SANTA BARBARA, Cal.—Until 5 p. m., Dec. 18, bids will be rec. by city for work under 1911 act as follows: Barranca, bet. Cliff Dr. and its s. end, Luneta Plaza, Las Olas Ave., Del Sol Ave., involv. curb, conc. driveways, 18-in. cem. storm drain, 8-in. vit. pipe, 4-in. vit. pipe, 24-in. reinf. conc. drain, catch basin.

Chico St., bet. Pedregosa St. and Mission St. and portions of other sts.; combined conc. curb and gut., catch basins, 18-in. conc. storm drain, conc. driveways.

Plans on file at office of S. B. Taggart, city clerk. Geo. D. Morrison, city engineer.

INGLEWOOD, Cal.—Until 8 p. m., Dec. 22, bids will be rec. to imp. under 1911 and 1915 acts:
 Manor Dr. and Manor Pl. involv. 109,953 sq. ft. grade (1192 cu. yds.), 33,261 sq. ft. 6-in. conc. pave, 76,692 sq. ft. 5-in. oil mac., 43 pillow bks., 18 1/2-in. water serv.

Alley in blk. 305, involv. 7988 sq. ft. grade (282 cu. yds.), 7988 sq. ft. 5-in. asph. conc. pave.

Plans on file at office of City Engr. Arthur W. Cory. Otto H. Deulke, city clerk.

ONTARIO, Cal.—Proceedings started by city to pave Sultana Ave. bet. Des-sau and 4th Sts., 1 1/2 mi. Cost \$55,000.

LOS ANGELES, Cal.—T. W. Ogleby, 423 Edgewood Rd., Santa Ana, sub. low bid to supervisors at \$44.757, to imp. Purfee Ave., bet. Pomona Blvd. and Lexington-Gallatin Rd., 8.04 mi., under 1911 I. No. 254, involv. 8871 cu. yds. excav., 36,897 sq. yds. shape rdwy., 35,761 sq. yds. conc. pave, 23,728 sq. yds. disint. granite sub-base, conc. box culvert, corr. iron culvert. Next 3 low bids were: J. D. Phillips, \$44,998.77; Martin B. Jones, \$46,983; Kuhn Bros., \$48,837.40; J. Paul Benson, \$48,775.

GLENDALE, Cal.—Until 10 a. m. Dec. 18, bids will be rec. to imp. portions of Verdugo Rd., Verd Oas Dr., Plumas St., Cherokee Lane, Oceola St. and Highline Rd., involv. grade, mac. pave, curbs, walks, wooden headers, c.i. water pipe, valves, fittings, etc., vit. pipe sewer, manholes, etc., ornam. lights compl.; 1911 act. A. J. Van Wile, city clerk. John F. Johannsen, city engr.

SANTA BARBARA, Cal.—James T. Cornwall, 343 Pleasant St., Santa Barbara, awarded cont. at \$45.155 to pave De La Guerra St., involv. 3-ft. conc. pave, with 1 1/2-in. asph. conc. surface 22c sq. ft., curb, curb and gut. 3 ft. wide, \$1.30 ft.; curb 70c ft.; gut. 23c sq. ft.; walk, 17c sq. ft.; sewer laterals \$25 each; manholes compl. \$1000. C. T. Richardson, 525 E. Haley St., Santa Barbara, awarded cont. at about \$15,000 for pave, on auto parking space at new high school grounds.

LOS ANGELES, Cal.—Allied Constr. Co., 459 E. 3rd St., sub. low bid to bd. pub. wks. to imp. 701 E. Dr., bet. Broadway and Spruce St., involv. grade at \$13,422.60, 45,241 sq. ft. oil and roll at 7c, 3685 ft. curb at 50c, 17,463 sq. ft. walk at 18c, 7377 sq. ft. gut. at 24c, vit. pipe culv. at \$75.

SANTA ANA, Cal.—Until 11 a. m., Dec. 16, bids will be rec. by county to grade and gravel Brookhurst Ave., bet. Lincoln Ave. and a point 3/4-mi. so. J. L. McBride, co. rd. comm. Cert. check or bond 5%.

WATTS, Cal.—Until 8 p. m., Dec. 22, bids will be rec. by city for 5-in. conc. pave, conc. curbs, walks, etc., in Lark St., bet. Fern St. and Santa Anita Blvd.; 1911 and 1915 acts. H. R. Postle, city engr. Santa A. South, city clerk. This is third adv. on this work.

BAKERSFIELD, Kern Co., Cal.—Union Paving Co., Bakersfield, bet. \$60,448 awarded cont. by council (503) to imp. portions of 24th St., involv. grading; cem. conc. gutters; pave with 3 1/2-in. ash. conc. base with 1 1/2-in. war. renite surface; cem. conc. culverts with corr. iron covering; 1 conc. catch-basin. Imp. St. Dist. No. 503. Other bids were: California Const. Co., \$60,841; Thompson Bros., \$61,714; California Rd and St. Imp. Co., \$63,120; F. W. Nighbert, \$64,254.15.

HAWTHORNE, Cal.—Until 8 p. m., Dec. 22, bids will be rec. by council to imp. Prairie Ave., bet. n and s city limits; 2-in. Willitte pave or 3-in. asph. conc. base over 4-in. disint. gran. cushion. Class "A" curbs, walks; 1911 and 1915 acts. S. V. Fraser, city clerk.

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EUREKA, Humboldt Co., Cal.—Council petitioned to const. steam power from G and Wabash Sts. to vicinity of C and Clark Sts. Referred to City Eng. Harry H. Hannah for report.

SANTA MONICA, Cal.—Kneen Pav Co., Dudley Bk., Santa Monica, awarded contract by city at \$17,484 for oil and rock pave. in 15th St., bet. Pennsylvania and Michigan Aves.

POMONA, Cal.—City Eng. F. C. French starts survey to pave. West Fifth St. Conc. pave. curb to curb. This is one of the largest jobs to be done under the \$400,000 st. pave. program.

RICHMOND, Contra Costa Co., Cal.—Proceedings will be started at once by contract to imp. Macdonald Ave., bet. 23rd St. and San Pablo Ave., approx. 7000 lin. ft. pavement; est. cost \$115,000. E. A. Hoffman, city eng.

LOS ANGELES, Cal.—Adam Dalmatin 841 W. 22nd St., awarded contract by bd. pub. wks. at \$155,000 for sewer compl. in Colorado Blvd., bet. Maywood Ave. and W. city limits.

CARMEL, Monterey Co., Cal.—City trustees have started proceedings to imp. 7, 9 and 12th Sts., bet. San Carlos and Ray and North Lincoln from 5th St. south; also portions of 1st, 2nd and North Dolores Sts.

VENICE, Cal.—Council declares intent to imp. Venice Blvd. formerly Virginia Ave., bet. Lincoln Blvd. and Peninsula Ave., 6-in. conc. pave., curbs, walks; 1911 act. T. H. Hanna, city clk. H. D. Chapman, city engr.

PASADENA, Cal.—The \$150,000 street imp. bond issue carried at recent election. Plans proposed to imp. portions of San Rafael dist. under ground conduit, 8-in. oil mac. pave., conc. curbs, gut., orn. lights, in San Rafael Ave., bet. Colorado St. and W. end of bridge across Arroyo Seco.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works to imp. Judah St., bet. 31st and 41st Aves. at \$125,000. Involve: sewers; b. involv. grading; curbs; manholes; pipe culverts; 10-in. ironstone pipe culverts, etc. The estimated cost is \$102,300.

GLOBE, Ariz.—County Eng. Jas. Parker estimates cost of Pinal Crk. rd. connecting Globe and Yavapai counties at \$125,000. The sub-surface is soft instead of rock as thought, involv. an additional \$8000 expense.

SANTA ANA, Cal.—Steele Finley, Santa Ana, awarded contract by county at \$22,000 to pave Hansen Rd., 1 mi., extending s from Lincoln Blvd. west of Anaheim.

REDWOOD CITY, San Mateo Co., Cal.—City trustees, W. A. Price, Clerk, declare intent. (G-11) to imp. portions of Hancock and Charter Sts., involv. const. of 6-in. vit. sewer; b. manholes; lamp-posts; 4-in. vit. lateral sewers with wyes. 1911 act. Protests Dec. 22.

LOS GATOS, Santa Clara Co., Cal.—A. J. Raich, 48 Kearny St., San Francisco, awarded contract to const. streets, install gas and water mains conc. culverts, etc., in subdivision project of Thomas Eastland Estate Co., of San Francisco at Los Gatos.

LOS ANGELES, Cal.—Griffith Co., Railway Bldg., sub. low bid to harbor company to imp. Harbor Blvd., ramp and approach, involv. 55,745 sq. ft. finish grade \$1100 (lump sum); 53,335 sq. ft. 7-in. conc. pave. 25c ft.; 12 ft. 7-in. curb 50c ft.; 480 ft. 6-in. curb 40c ft.; 12-in. sewer \$1.50 ft.; 36 ft. 12-in. e. pipe 5c ft.; one No. 21 catchbasin \$50; one special catch basin \$10; 1 ft. guard rail \$1.45 ft. one 7-ft. manhole, \$80.

RIVERSIDE, Cal.—Pearson & Dickerson, Riverside, awarded contract by supervisors at \$19,395 to imp. portion of Hammer Ave. north of Corona, involv. 3952 cu. yds. excav., 8200 lin. ft. shaping roadbed, 131,200 sq. ft. mac. pave., 90 lin. ft. 12-in. corr. iron culv., 2.2 cu. yds. conc. concr., headwalls.

MILL VALLEY, Marin Co., Cal.—Town Eng. J. C. Ogeby, Cheda Block, San Rafael, instructed to prepare spec. to grade and pave Laurel and Parkside and Sunnyside Ave., bet. Blithedale Ave. and R.R. tracks.

SAN MARINO, Cal.—J. E. Haddock, 357 N. Chester St., Pasadena, awarded contract at \$146,395 to imp. Huntington Dr., bet. Granada and Rose Aves.

SAN ANSELMO, Marin Co., Cal.—Directors of Sanitary District No. 1 instructed engineer to prepare estimates of cost to install sewers in Laurel Grove district in Kentfield.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Dec. 18, 9 a. m. bids will be rec. by S. A. Evans, city clerk (333) to imp. pine St., bet. Soquel Ave. and Broadway involv. grading; conc. curbs, walks and pavement; part circle corr. metal conc. culverts; conc. catchbasins; vit. clay pipe lateral sewers, etc. 1911 Act. Cert. check 100% payable to city req. H. E. Godegast, city engineer.

SAN BERNARDINO County, Calif.—Following bids rec. Dec. 8 by State Highway Commission to grade 2 1/2 mi. in San Bernardino county, bet. 3/4 mi. west of Barstow and 1 mi. east of Barstow involv. 20,810 cu. yds. roadway excavation without classification; 8650 sta. yds. overhaul; 22 cu. yds. structure excavation without classification 9 classes A and B concrete structures; 43 cwt. bar reinf. steel in place (structures); 632 lin. ft. 18-in. and 160 lin. ft. 24-in. corr. metal pipe 44 monuments. Engineer's estimate, \$110,000. H. M. Henning, Eagle Rock (low)

Wm. Singletary, Colton	\$12,123
Fred W. Nightingale, Bakersfield	14,286
C. D. & J. W. Breedlove, L. A.	15,833
Procter & Plehorne, Santa Rosa	16,927
Merced Conc. & Pipe Co.	17,850
Stewart & Bland, Fresno	18,381
Barstow Garage, Barstow	19,624
E. T. Shay, Riverside	20,105
James & Howard, Torrance	20,452
J. F. Shephardson, Bakersfield	21,644
Chas. E. Soteras, Los Angeles	23,273
H. A. Lienan, San Bernardino	25,498
Isabel Construction Co., Fresno	23,537

BAKERSFIELD, Kern Co., Cal.—Dean & Stroble, Bakersfield, sub. low bid at \$8091 to imp. portions of N. 13th, and 14th Sts., involv. 23,319 sq. ft. vit. clay pipe, 320 R. curb at 44c ft. 63, 231 sq. ft. grade and surface with oil and sand at 3.78c ft. Other bids: F. W. Nichibet, \$8093; Weitzel & Larsen Constr. Co., \$8836.

GLENDALE, Cal.—E. L. Fleming, 144-A S. Brand Blvd., Glendale, sub. low bid to pave Verdugo Canyon Rd., Hillside Dr., Woodland Terr. and other streets involv. grade 2c sq. in. conc. pave. 22c ft. 5-in. oil mac. pave. 13c sq. ft. 3-in. oil mac. pave. 10.5c sq. ft. gut. 22c sq. ft. walk 18c sq. ft. curb 65c ft. water sys. compl. 2375 8-in. vit. sewer \$1.50 ft. manholes \$90 ea., junction chambers \$90 ea., lampholes at \$27.50 ea., hse. conc. \$17.25 ea., culv. \$940, culv. \$4130.

OAKLAND, Alameda Co., Cal.—The Hall Gas Furnace Co. submitted the only bid on Dec. 8th to Chas. E. Greene, secretary of the Oakland Bd. of Public Utility Directors, 14th St. Grove st. to fur. and install heating equipment in branch library department of Oakland Free Library, 652 14th St. The bids was rejected and it has not been decided when new bids will be called for.

BLTYHE, Cal.—Pearson & Dickerson, Riverside, awarded contract at \$53,239.41 to pave Hobson way bet. Main St. and W. city limits involv. 12,560 sq. ft. conc. pave. 14,955 sq. ft. 4-in. conc. walk, 299 in. ft. curb returns, 194 ft. 12-in. corr. iron culv., 14,056 sq. ft. gravel shoulder, 19 in. corr. iron culv. conc. pipe culv., one reinf. conc. end wall, 1181 lin. ft. monolithic curb, 126,616 sq. ft. grade, orn. lights; 1911 and 1915 acts.

LOS ANGELES, Cal.—Griffith Co., 502 Railway Bldg., awarded contract by Bd. Pub. Wks. at \$16,647.66 for cem. concr. sewer, asph. pave, curb, and gut. bet. h. 15th St. and 15th St., bet. Dewey and Normandie Aves.

W. D. McCray, 416 American Bank Bldg., awarded contract at \$91,577 for cem. concr. pave, curb, walk, sewer, etc., in Canal Ave. bet. S and J Sts.

HANFORD, Kings Co., Cal.—Bids will be asked at once by supervisors, to be opened about Jan. 5, to const. 3 1/2-mi. of highway to connect county paved highways in Riverbed section to Kingsburg lateral, and 2 1/2-mi. connection from D St., Lemore to state highway.

GLENDALE, Cal.—P. S. Tomich, 1211 Douglas St., Los Angeles, sub. low bid at \$28,056 for vit. pipe sewer in Palmer Ave., Adams St., etc., involv. 12 ft. vit. pipe, 95c ft. sewer, 1 ft. 8-in. pipe, \$1.10 ft. 43 manholes, \$70 ea.; 10 lamp holes, \$90 ea.; two flush tanks, \$150 ea., 302 hse. con., \$15 ea.; 16 cess pools, \$285 ea.

SAN RAFAEL, Marin Co., Cal.—T. A. McDougall, San Rafael, at \$45,833 awarded contract by supervisors to const. gravel road, 24 ft. wide, 5 1/2 mi. long, from Pt. Reyes to Marshall.

NEVADA STATE—State Highway Commission, Geo. E. Borden, state highway engineer, preparing plans for following projects:

Eureka county—22 mi. gravel surface from Shoshone Point to East county line.

Washoe county—7 mi. conc. pave and gravel surface from Sparks to Hafed.

Washoe county—16 mi. grading from Hafed to Derby.

White Pine county—7 mi. gravel surface from Conners Pass to South county line.

FRESNO, Fresno Co., Cal.—Council, H. S. Foster, Clerk, declares intent. (No. 25-D) to const. 10-in. 8-in. and 6-in. vit. clay pipe, 126,616 sq. ft. portions of North H St. with 4-in. on 10-in., 4-in. on 8-in., and 4-in. on 6-in. wyes for each lot frontage; 7 cem. conc. manholes. 1911 Act. Protests Dec. 24. Wm. Stranahan, city engineer.

FRESNO, Fresno Co., Cal.—Thompson Bros. & G. Divisadero Sts., Fresno, awarded contract by council to imp. portions of Fenger Ave., (No. 23-D) involv. conc. curb, \$40 lin. ft.; conc. walks, \$15 sq. ft. f. m. conc. approaches, \$20 sq. ft.

NEVADA STATE—Plans being completed by State Highway Commission, Geo. E. Borden, state highway engineer, for following projects:

Lincoln county—15.5 mi. gravel surface from Dutch Johns to North county line.

Humboldt county—6.79 mi. gravel surface from Button Point to Golconda.

Lander county—10 mi. gravel surface from Battle Mountain to 10 mi. east.

Lander county—9.94 mi. gravel surface from 10 miles east of Battle Mountain to East County line.

Churchill county—10.25 mi. gravel surface from Westgate to Eastgate.

Humboldt county—0.95 miles gravel surface from Winnemucca to Button Point.

Humboldt county—9.7 mi. gravel surface from 8.5 mi. east of Golconda to Stenhouse.

Elko county—10 mi. gravel surface from Wells to Moor.

Elko county—30.5 mi. gravel surface from Silver Lake to Wendover.

Lyon county—5.55 mi. gravel surface from Smith Corners to West county line.

CHICO, Butte Co., Cal.—Federal Construction Co., Call Bldg., San Francisco, at \$119,734.73 submits low bid to city trustees to imp. portions of Normal Ave., Chestnut St., Hazel Ave., Cherry and other Sts., involv. grading; const. and other Sts. conc. curbs, gutters and walks, corr. galv. iron culverts; gutters, 19 in. corr. iron culv. manholes; 1 ft. drain inlets; recon. manholes; 1 ft. in. vit. sewer pipe, pave with 1 1/2-in. asphalt conc. surface on 3 1/2-in. asphalt base. Other bids, all taken under advisement, were:

J. E. Johnston, Stockton	\$120,584
Teichert, Sacramento	121,255
Clark & Henery, S. F.	121,630
Valley Paving Co., Visalia	123,812
Blumendkrans & Vernon, Stockton	132,141
Raymond Contracting Co., Chico	134,994
Dennis Constr. Co.	137,624
Engineer's estimate	133,565

PASADENA, Cal.—C. F. Mathews, 221 Braly Bldg., Pasadena, awarded contract by council at \$26,321 for 2-in. mac. pave storm drain, curb, gut., walk in Old Mill Rd., bet. El Molino and Oak Knoll Aves.

Ralph E. Welch, 416 S. West St. Anaheim, awarded contract at \$16,174.82 for curb, gut., walks and culv. in Del Monte St., bet. Glen Ave. and Arroyo Blvd.

LOS ANGELES, Cal.—Until 2 p. m. Dec. 22, bids will be rec. by supervisors to imp. Clara St., bet. Wright and Perry Rds., 1.69 mi., involv. 3203 cu. yds. excav., 20,465 sq. yds. conc. pave, corr. iron pipe culv., corr. iron pipe culv., reinf. conc. pave, 17.2 ft. shaping shoulders. Est. contr. price, \$33,587.25.

Bids, same date, to imp. Brentwood Ave. from 94th and 96th Sts., 62 ft. (County Imp. No. 206), involv. (1) 317 cu. yds. excav., (2) 1646 sq. yds. shaping roadway, (3) 1479 sq. ft. gut., (4) 1646 sq. yds. 1½-in. Natl. pave, top, (5) 1646 sq. yds. ¾-in. asph. conc. base

LOS ANGELES, Cal.—Bids rec. by South Bay Cities Sanitation Dist. to construct main line sewer line between Rosma-Redondo boundary line and P. E. Ry. right-of-way at Hyperion were rejected by the Board because no bids were received for bonds of the dist.

COMPTON, Cal.—Geo. H. Oswald, 366 E. 58th St., awarded contracts by city for street work under 1911 and 1915 acts as follows:

Cedar and Oleander Sts., at \$27,898.50, involv. 54 ft. curb, 60c ft.; 101,300 sq. ft. 5-in. conc. pave, 16c ft.; 101,300 sq. ft. grade, 15c ft.; 1604 ft. 6-in. conc. hse. con., \$1 ft.; 36 ft. 3-in. C. I. water mains, \$1.50 ft.; 2280 ft. ¾-in. galv. serv. con., \$1.35 ft.

Palm St., at \$15,257.20, involv. 2060 ft. curb-C. I. water, 16c ft.; 4 curb, 50c; 495 sq. ft. walk, 16c ft.; 55,000 sq. ft. 5-in. conc. pave, 16c ft.; 2 corr. iron and conc. culv. \$800 (lump sum), 1070 ft. 4-in. C. I. water mains, \$1.50 ft.; 1080 ft. 1-in. galv. serv. con., \$1 ft.; 660 ft. 6-in. conc. hse. con., \$1 ft., 55,000 sq. ft. grade, 15c ft.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to imp. portions of 14th St., involv. grading; conc. pave with macadam shoulders, \$7.19 sq. ft.

EUREKA, Humboldt Co., Cal.—Merced-Fraser Co., Eureka, at \$91,005.82 awarded contract by council to imp. portions of E St., involv. grading and paving with 2 ½-in., 3 ½-in. and 5 ½-in. asph. concrete base and 1 ½-in. Warrenite-Bit surface; 6-in. vit. pipe sanitary sewers; 6-in. vit. house sewer, conc. curbs. Other bids: California Road & Street Imp. Co., Fresno, \$96,328.68; A. Teichert, Sacramento, \$98,667.73.

SANTA ANA, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, awarded contract by county at \$49,757.30 for approx. 1.2 mi. of conc. pave in Santa Ana Canyon Blvd. in the vicinity of Olive and a portion of Santiago Blvd.

INGLEWOOD, Cal.—Geo. R. Curtis Pav. Co., 2440 E. 26th St., Los Angeles, awarded contract by city at \$49,038 to pave in Arbor Vitae St., bet. Market and Kenwood Sts., involv. 294,312 sq. ft. grade, 1c ft.; 2987 ft. curb, 16c ft.; 39,703 sq. ft. walk, 16c ft.; 205,849 sq. ft. 5-in. Willitte pave, 17c ft.; 72 ¾-in. water serv., \$12 each; 2 2-in. water serv., \$25 each.

SAN FRANCISCO—Board of Public Works completes spec. to const. 27,408 sq. ft. art. stone walks in Park-Presidio District; est. cost \$5000.

Spec. completed to imp. Anza St., bet. 35th and 38th Aves., involv. 90 lin. ft. conc. curb; 2250 sq. ft. asph. conc. pave; est. cost \$750.

Spec. completed to imp. Rivera St., bet. 19th and 20th Aves., involv. 150 lin. ft. conc. curb; 3750 sq. ft. asph. conc. pave; est. cost \$1200.

SANTA MONICA, Cal.—Until 10 a. m. Dec. 15, bids will be rec. for bitul. pave on asph. conc. base, curbs, walks, sewer water pipe in Montana Ave., bet. 7th and 28th Sts., 1911 act. Howard B. Carter, city engr.

ISLETON, Sacramento Co., Cal.—City trustees contemplate bond issue for \$50,000 to finance street paving program.

LOS ANGELES, Cal.—James Martin, 789 Lyon St. awarded contract by supervisors at \$34,861 to imp. Hawthorne Ave. bet. Riverside Blvd. and Redondo-Torrance Blvd., 13,400 ft. or 2.54 mi. Cash Contr. No. 236), involv. 8-in. and 9-in. conc. pave., disint. granite should., etc. Fry Bron. Contr. Co. low bidder, withdrew its bid.

OAKLAND, Cal.—Until Dec. 18, 11 a. m., bids will be rec. by E. K. Sturges, city clerk, to imp:

Portion of Watts St., involv. grade; const. curbs, gutters and pave. 1911 Act.

76th Ave., bet. Beck and Block 10, Melrose Extension Tract, involv. grade and pave; curbs, gutters and walks. 1911 Act.

Commerce Way, bet. 15th and 16th Aves., involv. grading and pave; const. sewer with manholes, lampholes and wye branches. 1911 Act.

38th St., bet. Peralta and Pine Sts., grade and pave; curbs, gutters; catch-basins, manholes and conduits. 1911 Act.

Cert. check 10% payable to city reg. Plans on file in office of clerk. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares intent to imp. Oak St., bet. 1st and Palm Sts., involv. grade; pave with 1 ½-in. Warrenite-Bit surface on 3-in. bit. conc. base; hyd. cem. conc. curb and gutter; cem. walks; 2 by cem. conc. storm water inlets; 8-in. vit. pipe drains; 6-in. hyd. conc. driveways. 1911 Act & Bond Act 1915. Protests Dec. 22. Wm. Popp, city eng.

LOS ANGELES, Cal.—Until 2 p. m. Dec. 22, bids will be rec. by supervisors for road oil under rd. dept's spec. for base and 60% oil and the truckage of same on a barrel mile basis; also for fuel distillate. Spec. on file at office of bd. of superv. Cert. check \$500. Mame B. Beatty, clerk.

ALHAMBRA, Cal.—Until 8 p. m. Dec. 15, bids will be rec. to const. approx. 1 ml. of 48-in. reinf. conc. storm drain. M. H. Irvine, city eng. R. B. Wallace, city clerk.

CORTE MADERA, Marin Co., Cal.—T. A. McDougall & Son, San Rafael, awarded contract by town trustees to imp. California Lane west from state highway involv. grading and pave with hyd. conc.

LA VERNE, Cal.—Engrs. Black and Veatch, 617 Ferguson Bldg., report plans for La Verne sewer sys. and joint outfall approved by state bd. of health. Lateral sys. will involve 8-in. & 10-in. pipe. Outfall will be 3 ml. of 12-in. and 15-in. pipe. Est. \$80,000. Bonds for this work sold.

SAN ANSELMO, Marin Co., Cal.—Until Jan. 5, 8 p. m., bids will be rec. by Arthur W. Studley, town clerk, to const. san. sewer with wyes in portions of California Ave. including 100 ft. of 12-in. and conc. manholes. Plans on file in office of clerk. J. J. Jessup, town eng.

LYNNWOOD, Cal.—Hall-Johnson Co., 3025 Fowler St., Los Angeles (P. O. Box 355), awarded contract at \$40,828.30 for oil mac. pave., etc. in Lynnwood Rd., Louise St., etc., involv. 157,150 sq. ft. 12-in. and 17-in. vit. pipe, 17c ft. 4-in. cil mac. pave, 12c ft., 55,560 sq. ft. walk 17c ft., 24,825 sq. ft. gut. 23c ft., 13,770 ft. curb.

OROVILLE, Butte Co., Cal.—County Surveyor Harry H. Hume instructed by supervisors to prepare estimates of cost for proposed Las Plumas road through forest in direction of Feather river east of Bidwell Bar.

LOS ANGELES, Cal.—James Martin 789 Lyon St., awarded contract by county at \$34,861 to imp. Hawthorne Ave. bet. Riverside Blvd. and Redondo-Torrance Blvd., involv. 8-in. and 9-in. conc. pave., disint. granite should., etc. Fry Bron. Contr. Co. low bidder, withdrew its bid.

TOLEDO, Ore.—Election will be held Dec. 13 to vote bonds of \$175,000 to finance construction of sewer system.

BLYTHE, Cal.—Pearson & Dickerson, Riverside, awarded contract by city to pave Hobsonway bet. Main St. and W city limits, involv. 112,560 sq. ft. 6-in. conc. pave, 14,935 sq. ft. 4-in. conc. walk, 239 lin. ft. curb returns, 194 ft. 12-in. corr. iron culv., 14,005 sq. ft. gravel should., 29 ft. 24-in. reinf. conc. pipe culv., one reinf. conc. end wall, 131 ft. lin. of monolithic curb, 126,616 sq. ft. grade, ornam. lights.

WHITTIER, Cal.—Council declares intent to pave with 6-in. conc. pave, curb, walk in Court Ave., bet. Hillview Ct. and Hadley St., 1911 act. Paul Gilmore, city clerk.

ALHAMBRA, Cal.—City trustees declare intent for asph. conc. pave, curb, gut., walks, 8-in. vit. sewer, junction chambers, etc. in Shorb St., bet. Benito and Marguerita Aves; 1911 act. M. H. Irvine, city engr. R. B. Wallace, city clerk.

SAN RAFAEL, Marin Co., Cal.—City Eng. J. C. Oglesby instructed to prepare plans for road and sewer improvements in Rowland and Hillcrest Aves. and imps. in Redwood road and Scenic, Elm and Plumas Aves.

FULLERTON, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles, award contract by city at \$20,400 for 4-in. asph. conc. pave, and other items in West Brookside Dr., N. Lincoln Ave., N. Ford Ave. and N. Highland Ave., involv. pave. 16.5c sq. ft., remove, and replacing 4-in. pave 25c sq. ft., 2x4½ headers 10c ft. 18 marbelite light posts compl. \$3900; 2 hse. conc. removed, \$80; 9 hse. conc., \$396.

RICHMOND, Contra Costa Co., Cal.—Construction of a combination storm and sanitary sewer system at a cost of \$300,000 is contemplated by city council. E. A. Hoffman, city eng.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares intent. (No. 752) to imp. Walnut St. to San Joaquin St., and McColl Addition involv. grading; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. crusher run rock base with 2-in. asph. conc. surface; const. sanitary main sewers, house branches, manhole and manhole with flush tank. & Bond Act. 1915. Protests Dec. 22. W. B. Hogan, city eng.

GLENDALE, Cal.—City Eng. John F. Johanssen authorized to prepare plans for sewer laterals in the city as part of the proposed municipal sewer sys.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 15, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Santa Clara St., bet. Market St. and west city limits, involv. removal of portions of basalt block pavements and portions of pavement and prepare foundation with gravel fill; const. hyd. conc. curbs, gutters; place bitulithic cement asph. conc. binder course on existing pavement; replace portions with 2-in. Warrenite-Bit. asph. and conc. curbs, conc. walks, driveways, etc. 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Plans on file in office of clerk. Wm. Popp, city engineer.

SACRAMENTO, Cal.—County Eng. Chas. Deterding Jr., instructed to proceed by day labor with grading portion of old and new levee, sands and gravel Fetter's Corner Road in Carmichael District; no bids rec. for this work.

SAN FRANCISCO—Bureau of Engineering, Department of Public Works, completes spec. to imp. 30th and 31st Aves., bet. Geary and Balboa; 32nd and 33rd Aves., bet. Geary and Balboa; bet. 29th and 32nd Aves., involv. 69,920 cu. yds. cut, 70,121 cu. yds. fill. Est. cost \$53,000.

LOS ANGELES, Cal.—W. D. McCray 416 American Bank Bldg., awarded contract by bd. pub. wks. at \$46,025.70 for conc. pave, curb, walk, gut., cem. sewer, ornam. manholes, etc. in Vine St., bet. Yosemite and Oak Grove Drives.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

5045	Costello	Owner	6000
5046	Spring Valley	Owner	1475
5047	Kortick	Doughart	1300
5048	Kerensky	Hamilton	4500
5049	Morris	Owner	6000
5050	Winterhalder	Owner	1750
5051	O'Keefe	Irwin	5700
5052	San Francisco	Owner	6000
5053	Fairmont	Ellison	50000
5054	Lurie	Industrial	10000
5055	Pauson	Alderman	15000
5056	Ghiotto	Owner	12000
5057	Drumm	Cahill	45000
5058	Freiberg	Albertson	37500
5059	Laib	Owner	1200
5060	Pardini	Ferrari	4000
5061	Johnston	Owner	2000
5062	Storheim	Owner	17000
5063	Westgate	Johnson	11084
5064	Newsom	Lawton	18925
5065	Newsom	Lawton	18925
5066	Burns	Lawton	18925
5067	Brooke	Hetty	1806
5068	Hunsth	Owner	12000
5069	Pasqualetti	American	15000
5070	Arden	Owner	24000
5071	Leigh	Owner	8000
5072	R C Archbishop	Varney	6770
5073	Same	Same	7000
5074	Scharetg	Heden	14840
5075	Jelm	Jelm	3958
5076	Cosgrove	Dahla	16584
5077	Leigh	Owner	8000
5078	Lindgren	Owner	3000
5079	Gawthorne	Owner	4000
5080	Stempel	Owner	3000
5081	Gullmes	Owner	7000
5082	Lebovitz	Lyons	1000
5083	Stempel	Owner	3000
5084	Edminster	Johns	1485
5085	Oppenheimer	Miller	23000
5086	Crocker	Owner	7600
5087	Arnott	Arnott	6000
5088	Arnott	Arnott	16000
5089	Bell	Arnott	6000
5090	Bell	Arnott	8000
5091	McCarthy	Arnott	4000
5092	Hunsth	Owner	12000
5093	Hind	Hind	16000
5094	Post	Owner	45000
5095	Westgate	Papenhausen	13900
5096	Haywood	Sampson	36500
5097	Mangels	Mangels	7000

5098	Gillogley	Owner	8000
5099	Raymond	Nelson	4000
5100	Feerick	Owner	5000
5101	Nelson	Mangels	8000
5102	Christiansen	Christiansen	5000
5103	Cuba	Johnson	3000
5104	Huelter	Nelson	9600
5105	Budan	Meyer	3000
5106	Tarberini	Coburn	1500
5107	Anderson	Meyer	12000
5108	Stoff	Owner	100000
5109	Hamill	Owner	16000
5110	Thomas	Thomas	14000
5111	Thomas	Thomas	15000
5112	Gerlardi	Ennis	8400
5113	Steinauer	Owner	14000
5114	Meyer	Owner	12000
5115	Jacobson	Parker	8226
5116	Schmidt	McLeran	299334
5117	Schmidt	Bosch	31200
5118	Schmidt	Detroit	7809
5119	Schmidt	Fenestra	1757
5120	Schmidt	Pacific	792
5121	Schmidt	Forderer	2184
5122	Schmidt	Monarch	4826
5123	Schmidt	Grassi	8775
5124	Schmidt	Zelinsky	2000
5125	Schmidt	Fuller	3196
5126	Schmidt	Grinnell	12700
5127	Schmidt	Alta	2579
5128	Schmidt	Conley	10940
5129	Schmidt	Scott	4395
5130	Schmidt	Forster	11575
5131	Schmidt	Otis	22840
5132	Schmidt	Palace	1250
5133	Schmidt	Owner	2000
5134	Schmidt	Owner	2000
5135	Schmidt	Chicago	5000
5136	Schmidt	Owner	6000
5137	Schmidt	Christian	6000
5138	Schmidt	Hurley	2000
5139	Schmidt	McCarthy	3000
5140	Schmidt	Owner	3000
5141	Schmidt	Mission	9000
5142	Schmidt	Lindeman	17500
5143	Schmidt	Nelson	10000
5144	Schmidt	De Sabla	Read
5145	Schmidt	Soracco	7000
5146	Schmidt	Lindeman	6000
5147	Schmidt	Lindeman	6000
5148	Schmidt	Hayden	21726
5149	Schmidt	McCarthy	4550
5150	Schmidt	Alta	1583
5151	Schmidt	Arnott	3000

DWELLINGS

(5045) W THIRTY-THIRD AVE 150 and 175 S Balboa. Two one-story and basement frame dwellings. Owner—William Costello, 753 29th Ave., San Francisco. Architect—None. \$3000 each

ALTERATIONS

(5046) NE SLOAT BLVD. AND GREAT Highway. Move and remodel present building. Owner—Spring Valley Water Co. Architect—None. \$1475

ALTERATIONS

(5047) N SEVENTEENTH 300 E Market. Concrete foundations and flooring; underpinning, etc., for 6 flats. Owner—Mrs. T. H. Kortick, 300 Castro St., San Francisco. Architect—None. Contractor—A. R. Doughart, 180 Jessie St., San Francisco. \$1800

ALTERATIONS

(5048) NE TWENTY-FIFTH & CAPP. Remodel for store room and 2 flats (fire damage). Owner—Joseph Kerensky, 991 Capp St., San Francisco. Architect—None. Contractor—E. B. Hamilton, 2735 Folsom St., San Francisco. \$4500

DWELLING

(5049) W TWELFTH AVE 275 N Balboa. Two-story and basement frame dwelling. Owner—A. T. Morris, 687 11th Ave., San Francisco. Architect—None. \$6000

REMODEL

(5050) 1809 LYON ST. Remodel for studio and dwelling. Owner—Erwin Winterhalder, 1519 Sutcliffe St., S. F. Architect—None. \$1750

REPAIRS

(5051) 2669 HOWARD ST. Repair fire damage to dwelling. Owner—Mr. O'Keefe, San Mateo, Cal. Architect—Shea & Shea, 434 Montgomery St., S. F. Contractor—J. J. Irwin, 801 Cabrillo St., San Francisco. \$5700

DWELLINGS (2)

(5052) S DAY 180 & 205 W NOE. Two 1-story and basement frame dwlg. Owner—San Francisco Home Bldg. Co., 1283 Church St., S. F. Architect—None. \$3000 ea.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

FOUNDATION WORK

(5053) SW POWELL & SACRAMENTO STS. Foundation work for stores and offices.
Owner—Fairmont Hotel, S. F.
Architects—Sisson & Kautstensen.
Engineers—Elison & Russell, 712 Pacific Bldg., S. F. \$50,000

(5058) W EIGHTEENTH AVE 225 S Lincoln Way. Two-story and basement frame 40 Bays.
Owner—G. Hunsch, 1742 Waller St., San Francisco.
Architect—None. \$12,000

POSTOFFICE & STORE

(5054) SE OCEAN AVE. & WATSON Place. One-story concrete branch postoffice and store.
Owner—The Lurie Co., 315 Montgomery St., S. F.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—Industrial Construction Co., 815 Bryant St., S. F. \$10,000

ALTERATIONS & ADDITIONS

(5055) 3640 WASHINGTON ST. Tar and gravel roofing, install new plumbing, brick new exterior, etc. escape, etc. for residence.
Owner—J. W. Pauson, 544 Market St., San Francisco.
Architect—Milton Latham, 454 Montgomery St., S. F.
Contractor—C. Alderman, 3640 Washington St., S. F. \$15,000

(5056) NW MISSION & LEO STREETS. Three-story and basement frame (4) flats.
Owner—Andrew G. Ghiotto, 250 London St., S. F.
Architect—None. \$12,000

GARAGE

(5057) SE DRUMM & SACRAMENTO Streets. Two-story reinforced garage.
Owner—Drumm Street Garage Co., 460 Montgomery St., S. F.
Architect—John H. Powers & John H. Ahnden, 460 Montgomery St., S. F.
Contractor—Cahill Bros., Sharon Bldg., S. F. \$45,000

E CAMINO DEL MAR 297 N McLaughlin Ave. Two-story and basement frame dwelling.
Owner—Mrs. Emily B. Hicks, 2141 Lake St., S. F.
Architect—Earle B. Bertz, 168 Sutter St., S. F.
Contractor—D. L. Bienfeld, 417 21st Ave., S. F. \$8,000

NOTE—Recorded contract reported Dec. 4, 1924; No. 5043.

APARTMENTS

(5058) NW FULTON & 24TH AVE. N 100 x W 32-6. Three-story and basement frame apartment.
Owner—Herman D. & Belle Freiberg, 307 Bartlett St., S. F.
Architect—None.
Contractor—The Albertson Realty Co., Hearst Bldg., S. F.
Filed Dec. 4, 1924. Dated Nov. 25, 1924.
Deed of trust for.....\$10,000
Frame up and enclosed.....5000
Rough plastered.....7500
Completed.....10,000
Usual 35 days.....5000
TOTAL COST \$37,500
Bond, none. Sureties, none. Forfeit, none. Limit, 120 days. Specifications, none. Plans, none.

ALTERATIONS

(5059) 3241-43-45-47 WASHINGTON St. Cut in doors and windows; painting; plumbing, etc. for (4) flats.
Owner—Arthur J. Laib, 2882 Jackson St., S. F.
Architect—None. \$1200

DWELLING

(5060) SW COLBY AND HOMESTEAD. Two-story and basement frame dwelling.
Owner—A. Pardini, 836 Colby St., San Francisco.
Architect—Paul F. De Martini, 945 Broadway, San Francisco.
Contractor—D. Ferrari, 836 Colby St., San Francisco. \$4000

ALTERATIONS

(5061) NO. 2313 JACKSON. Remodel 2 flats for 4 apartments.
Owner—Marta Johnston, 2313 Jackson St., San Francisco.
Architect—None. \$2000

APARTMENTS

(5062) SE CARRILLO & 22ND AVE. Three-story and basement frame (12) apartments.
Owner—M. P. Storheim, 201 Caselli Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$17,000

FLATS (2)

N TEXAS 25 N 19TH, N 19TH 70' W Texas. Two 2-story and basement frame flats (2 flats in each building).
Owner—Annie G. Scharetz.
Architect—W. H. Armitage, 72 New Montgomery St., S. F.
Contractor—Gustaf Heden, 156 Kendall St., S. F. \$7000 each

DWELLING

(5063) LOT 13 BLK. 3 ST. FRANCIS Wood Exten. Two-story and basement frame dwelling.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Contractor—Nels P. Johnson, 1934 Folsom St., San Francisco.
Filed Dec. 5, 1924. Dated Dec. 3, 1924.
Frame up.....\$2771
Brown coated.....2771
Completed and accepted.....2771
Usual 35 days.....2771
TOTAL COST, \$11,084
Bond, \$5542. Sureties, Charles Monson & N. George Wienholz. Forfeit, none. Limit, none. Specifications, none. Plans, none.

APARTMENTS

(5064) E GUERRERO 114 N 20TH N 32 x E 100. Three-story and basement frame building (apts).
Owner—George R. & Catherine Newsum, 200 Guerrero St., S. F.
Architect—None.
Contractor—Laxon & Vezey, 357 12th St., Oakland, Cal.
Filed Dec. 5, 1924. Dated Dec. 3, 1924.
Enclosed.....\$4731.25
Brown coated.....4731.25
Completed and accepted.....4731.25
Usual 35 days.....4731.25
TOTAL COST, \$18,925
Bond, none. Sureties, none. Forfeit, \$10. Limit, 120 days. Plans and specifications filed.

APARTMENTS

(5065) E GUERRERO 114 N 20TH N 32 x E 100. Three-story and basement frame building (apts).
Owner—George R. & Catherine Newsum.
Architect—None.
Contractor—Same as above. 19-0% E.
Filed Dec. 5, 1924. Dated Dec. 3, 1924.
Payments—Same as above.
TOTAL COST, \$18,925
Bond, \$9462.50. Sureties, Globe Indemnity Co. Forfeit, \$10. Limit, 120 days. Plans and specifications filed.

APARTMENTS

(5066) E GUERRERO 146 N 21ST N 32 x E 100. Three-story and basement frame building (apts).
Owner—W. E. & Margaret I. Burns.
Architect—None.
Contractor—Same as above.
Payments—Same as above.
TOTAL COST, \$18,925
Bond, \$9462. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, \$10. Limit, 120 days. Plans and specifications filed.

WIRING, ETC.

(5067) N PACIFIC AVE. 92-6 E Pierce St 127-3 1/2 W 6-4 1/2 E 66-7 3/4 S 19-0 3/4 W 1-3 S 127-3 1/2 W 65 WA 393. All work for electric wiring, etc., for alterations & additions to brick dwelling.
Owner—Cecile M. Brooke, 2518 Pacific Ave., S. F.
Architect—Nathaniel Blaisdell, 255 California St., S. F.
Contractor—Hettly Bros., 372 Ellis St., San Francisco.
Filed Dec. 5, 1924. Dated Dec. 3, 1924.
Roughing in completed.....\$650
Completed and accepted.....704
Usual 35 days.....452
TOTAL COST, \$1806
Bond, \$903. Sureties, F. C. Keck. Forfeit, \$10. per day. Limit, 60 days. Plans and specifications filed.

GARAGE

(5069) NE JACKSON AND MASON Sts. Two-story and basement concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 785 Market St., S. F. \$15,000

DWELLINGS

(5070) E SLOAN BLVD. 50, 125 and 150 E. Canton Road; SE Sloot Blvd and Canyon Road. Four two-story and basement frame dwellings.
Owner—Arden Wood Co., 871 Mills Bldg., San Francisco.
Architect—Joseph Rankin, Mech. Inst. Bldg., San Francisco. \$6000 each

DWELLINGS

(5071) E FORTY-FIFTH AVE 175 and 200 S Cabrillo. Two one-story and basement frame dwellings.
Owner—D. Leigh, 801 41st Ave., San Francisco.
Architect—None. \$4000 each

BUILDING

(5072) LOT 11 BLK 5803 St. Mary's Park. All work for one-story and basement frame building.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 860 Bush St., San Francisco.
Filed Dec. 6, '24. Dated Nov. 22, '24.
Roof sheathing on.....\$1692.50
Brown coated.....1692.50
Completed and accepted.....1692.50
Usual 35 days.....1692.50
TOTAL COST, \$6770.00
Bond, \$3385. Sureties, Chas. Monson & S. L. Forsyth. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING

(5073) LOT 15 BLK 5802 St. Marys Park. All work for two-story and basement frame building.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 860 Bush St., San Francisco.
Filed Dec. 6, '24. Dated Nov. 22, '24.
Roof sheathing on.....\$1750
Brown coated.....1750
Completed and accepted.....1750
Usual 35 days.....1750
TOTAL COST, \$7000
Bond, \$3500. Sureties, Chas. Monson & S. L. Forsyth. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLATS

(5074) NW NINETEENTH & TEXAS N 50xW 100. All work except grading, finish hardware and electric fixtures for two two-story frame buildings (flats).
Owner—Annie G. Scharetz, 398 Texas St., San Francisco.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—Gustaf Heden, 156 Randall St., San Francisco.
Filed Dec. 6, '24. Dated Dec. 3, '24.
Rough frame up.....\$3500
Brown coated.....3500
Siding finish on.....1500
Completed and accepted.....2830
Usual 35 days.....3710
TOTAL COST, \$8400
Bond, \$7420. Sureties, Jas. E. Blake & Fred Kelberg. Limit, 90 days. Forfeit, none. Plans and specifications filed reported Dec. 4, 1924. No. 5041; Permit NOTE—Recorded contract previously reported Dec. 6, 1924.

BUNGALOW

(5075) W FLOOD AVE 175 W Genesee W 25xN 112-6. All work except painting for one-story and basement frame bungalow.
Owner—Gust. Jeim and Elmer Carlson, 180 Jessie St., San Francisco.
Plans by Contractor.
Contractor—Gust. Jeim, 180 Jessie St., San Francisco.
Filed Dec. 6, '24. Dated Nov. 1, '24.
Frame up and roof boards on.....\$750
Brown coated.....750
Ready for painter.....750
Completed and accepted.....458
Usual 35 days.....1000
TOTAL COST, \$3958
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

APARTMENTS
(5076) N TWENTY-SECOND 27-6 E Dolores E 30xN 94. All work for two-story and basement frame apartment building.
Owner—John P. Cosgrove, 2819 Mission St., San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., S. F.
Contractor—John Dalia & Co., 430 Crescent Ave., San Francisco.
Filed Dec. 6, '24. Dated Dec. 3, '24.
Roof sheathed and composition roof on top \$1416
Brown coated 4146
Completed and accepted 4146
Usual 35 days. TOTAL COST, \$16,584
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLINGS (2)
(5077) E 45TH AVE., 175 & 200 S CA—Two 1-story and basement frame dwellings.
Owner—David Leigh, 801 41st Avenue, San Francisco.
Architect—None. \$4000 each

DWELLING
(5078) S GILMAN 175 W JENNINGS. One-story and basement frame dwelling.
Owner—Arvid Lindgren.
Architect—Baumann & Jose, 251 Kearny St., S. F. \$3000

DWELLING
(5079) S TOLEDO 155 E PIERCE. One-story and basement frame dwlg.
Owner—Dr. F. A. Gawthorne, 5331 Geary St., S. F. \$4000
Architect—None.

DWELLING
(5080) E AVILA 63.48 N ALHAMBRA Blvd. One-story and basement frame dwelling.
Owner—Stempel & Cooley, 5331 Geary St., S. F. \$3000
Architect—None.

FLATS
(5081) E CHATANOOGA 75 S 24TH. Two-story and basement frame (2) flats.
Owner—Gullmes, 1828 Castro St., San Francisco. \$7000
Architect—None.

ADDITION
(5082) 125 McALLISTER ST. Two-room addition to dwelling.
Owner—C. R. Lebovitz, premises.
Architect—M. Bernstein.
Contractor—G. W. Lyons, 1597 Greenwich St., S. F. \$1000

DWELLING
(5083) E AVILA 84.48 N ALHAMBRA Blvd. One-story and basement frame dwelling.
Owner—Stempel & Cooley, 5331 Geary St., S. F. \$3000
Architect—None.

ADDITION
(5084) W 10TH AVE. 225 S MORAGA. Two-room addition to dwelling.
Owner—Phil M. Edminster, 1755 10th Ave., S. F.
Architect & Contractor—Johns Bros., 11th Ave., S. F. \$1485

APARTMENTS
(5085) W 15TH AVE. 203.5' S GEARY. Three-story and basement frame (5) apartments.
Owner—James Oppenheimer, 3055 Pacific Ave., S. F.
Architect—N. W. Mohr, 4405 20th St., San Francisco.
Contractor—R. Miller, 5637 California St., S. F. \$28,000

DWELLINGS (2)
(5086) N BALTIMORE WAY 180 W S Hill Blvd. N Baltimore Way 213 W S Hill Blvd. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F. \$3800 ea.
Architect—None.

DWELLINGS (2)
(5087) NW LEE & LAKEVIEW AVE. W Lee Ave. 25 N Lakeview. Two 1-story and basement frame dwlgs.
Owner—James A. Arnott, 235 Granville Way, S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. \$3000 ea.

DWELLINGS (4)
(5088) W LEE AVE. 100 & 125 N Lakeview, N Lakeview 75 & 100 E Brighton. Four 1-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. \$4000 ea.

DWELLINGS (2)
(5089) W LEE AVE. 50 AND 75 N Lakeview. Two 1-story and basement frame dwellings.
Owner—Russell W. Bell, 235 Granville Way, S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. \$3000 ea.

DWELLINGS (2)
(5090) W LEE AVE. 150 N LAKEVIEW, N Lakeview 125 E Brighton. Two 1-story and basement frame dwellings.
Owner—R. W. Bell, 235 Granville Way, San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. \$4000 ea.

DWELLING
(5091) E JULES AVE. 210 N GRAFTON. One-story and basement frame dwelling.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. \$4000

DWELLING
(5092) W 18TH AVE 225 S LINCOLN Way. Two-story and basement frame (4) flats.
Owner—C. Hunseth, 1742 Waller St., San Francisco. \$12,000
Architect—None.

FLATS (2)
(5093) N GREEN 125 & 150 E OCTAVIA. Two 2-story and basement frame flats (2 flats in each bldg.).
Owner—H. W. Hind, 1026 Masonic Av., San Francisco.
Architect—W. G. Hind, 711 Hearst Bldg., S. F.
Contractor—Hind Building Co., 711 Hearst Bldg., S. F. \$8000 each
(5094) S POST 110 E MASON. Seven-story and basement class B concrete club building.
Owner—Post St. Investment Co., 823 Jan. Exchange Bldg., S. F.
Architect—Willis Polk Co., Hobart Bldg., S. F.
Consulting Architects—Bliss & Faville, Balboa Bldg., S. F. \$450,000

RESIDENCE
(5095) LOT 7 AND PTN. LOT 6, BLK. 43, St. Francis Wood Extn. No. 1. Brown work for frame residence.
Owner—Westgate Park Co., 278 Post St., S. F.
Architect—Roland I. Stringham, 260 California St., S. F.
Contractor—Henry F. Papenhausen, 532 3rd Ave., S. F.
Filed Dec. 8, 1924. Dated Dec. 3, 1924.
Frame up \$3475
Brown work 3475
Completed and accepted 3475
Usual 35 days. TOTAL COST, \$13,900
Bond, \$6050. Sureties, L. H. Bird and W. J. Mahoney. Forfeit, \$5.00 per day. Limit, 110 days. Plans and specifications filed.

STORE, APTS.
(5096) GEARY NEAR BOYCE. All work for 3-story store and apartment building.
Owner—Warner E. Hayward, 1157 Sutter St., S. F.
Architect—Ashley & Evers, 58 Sutter St., S. F.
Contractor—J. S. Sampson Co., Monadnock Bldg., S. F.

Filed Dec. 8, 1924. Dated Dec. 4, 1924.
On 5th of each month 75%
Usual 35 days. TOTAL COST, \$16,500
Bond, \$18,250. Sureties, Globe Indemnity Co. Forfeit, \$25.00. Limit, April 15, 1925. Plans and specifications filed.

(5097) W SAN BENITO WAY 205 N Monterey Blvd. 2-story and basement frame dwelling.
Owner—H. C. & W. J. Mangels, 4792 Mission St., San Francisco.

Architect—B. C. Corbett, 1720 Pacific Ave., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., S. F. \$7000

FLATS
(5098) E SAN JOSE AVE. 382 N 29th. 2-story and basement frame (2) flats.
Owner—J. W. Gillogley, 745 San Jose Ave., San Francisco.
Architect—None. \$8000

DWELLING
(5099) W THIRTY-NINTH AVE. 100 N Balboa. 1-story and basement frame dwelling.
Owner—J. N. Raymond
Architect—None.
Contractor—H. S. Nelson, 689 6th Ave., San Francisco. \$4000

DWELLING
(5100) NE THIRTY-FIFTH AVE. & Fulton St. 2-story and basement frame dwelling.
Owner—Ertry Fedwick, 253 Downey St., San Francisco.
Plans by owner. \$5000

DWELLING
(5101) E MONTEREY 115 S San Anselmo Blvd. 2-story and basement frame dwelling.
Owner—William M. Nelson, 525 22nd Ave., San Francisco.
Architect—N. R. Coulter, 46 Kearny St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. \$8000

DWELLING
(5102) W TWENTY-FIRST AVE. 100 N Taraval. 2-story and basement frame dwelling.
Owner—H. C. Christiansen, 518 25th Ave., San Francisco.
Architect—None.
Contractor—Christiansen Bros. 518 25th Ave., San Francisco. \$5000

ALTERATIONS
(5103) NE FILBERT AND LYON STS. Enclose open porch; construct stairs to roof; add one room and bath to residence.
Owner—P. Cauba, 1013 Leavenworth St., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Harold Johnson, 180 Jessie St., S. F. \$3000

DWELLINGS
(5104) W THIRTY-NINTH AVE. 125 150 N Balboa. 2 1-story and basement frame dwellings.
Owner—Frederick Hueter.
Architect—None.
Contractor—H. S. Nelson, 689 6th Ave., San Francisco. \$4200 each

DWELLING
(5105) E TWENTY-FOURTH AVE. 15-2 S Santiago. 1-story and basement frame dwelling.
Owner—Mary Budan, care contractors.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000

ALTERATIONS
(5106) 522 FLOOD AVENUE. Replace shingle roof; plastering; painting, etc. for fire damage to dwelling.
Owner—Emilio Tarberlin, 522 Flood Ave., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. \$1500

DWELLINGS
(5107) W FORTY-SEVENTH AVE. 80, 105, 130 and 155 N Cabrillo. Four one-story and basement frame dwellings.
Owner—J. Anderson, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. \$3000 each

APARTMENTS
(5108) N POST 103-4 W Hyde. Five-story and basement Class C (44) apartments.
Owner—Louis D. Stoff, 26 Montgomery St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. \$100,000

FLATS
(5109) E THIRTY-FOURTH AVE. 100 and 125 S Geary. Two two-story and basement frame flats (2 flats in each building).

Owner—Thos. Hamill, 6110 Geary St., San Francisco.
Architect—None. \$8000 each.

FLATS
(5110) W THIRTY-THIRD AVE 125 and 126 N Geary. Two two-story and basement frame (2) flats.
Owner—J. C. Thomas and L. D. Sellman, 1121 Balboa St., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 1421 Balboa St., San Francisco. \$7000 each

FLATS
(5111) W THIRTY-THIRD AVE 100 & 125 N Geary. Two two-story and basement frame (2) flats.
Owner—J. C. Thomas and L. D. Sellman, 1421 Balboa St., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 1121 Balboa St., S. F. \$8000 each

(5112) S LOMBARD 157 E James. Two story and basement frame (2) flats.
Owner—Leon Gelardi, 310 Eddy St., San Francisco.
Architect—F. Ennis, Jr., 340 Eddy St., San Francisco.
Contractor—F. Ennis Jr., 340 Eddy St., San Francisco. \$8490

FLATS
(5113) S CHESTNUT 115-9 and 112-9 W Divisadero. Two two-story and basement frame (2) flats.
Owner—S. Steinauer, 109 Cornwall St., San Francisco.
Architect—None. \$7000 each

(5114) W TWENTY-NINTH AVE 100 S Taraval, El Granada 200 N Grant, W Faxon Ave 100 and 125 S Holloway. Four one-story and basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. \$3000 each

DWELLING
(5115) LOT 3 BLK 3250 Balboa Terrace. All work for two-story and basement frame dwelling & garage.
Owner—Louis R. and Ivy M. Jacobson, 400 Duboce Ave., San Francisco.
Architect—Henry H. Guttersen, 526 Powell St., San Francisco.
Contractor—C. F. Parker, 251 Kearny St., San Francisco.
Filed Dec. 9, '24. Dated Nov. 26, '24. On 1st of each month. 75%
Usult 35 days. 25%
TOTAL COST, \$8226
Bond, none. Limit, 10 days. Forfeit, \$3 a day. Plans and specifications filed.

INDUSTRIAL PLANT
(5116) SE SECOND AND BRANNEAN 6012 22d. Excavating, grouting, concrete work, steel reinforcement, carpentry and mill work for four-story and basement reinforced concrete industrial plant.
Owner—Schmidt Lithograph Co., 2nd and Bryant Sts., S. F.
Consulting Engineers—M. C. Couchot & Jesse Rosenwald, 60 Sansome St., San Francisco.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.
Filed Dec. 9, '24. Dated Oct. 29, '24. Within 5 days after 25th of each month. 75%
After completion. 25%
TOTAL COST not to exceed \$284,934
(Contractor's fee, \$15,000)
Bond, \$149,967. Sureties, National Surety Co. Limit, 180 days. Forfeit, none. Plans and specifications filed.

(5117) LATHING AND PLASTERING on above.
Contractor—Hermann Bosch, 429 Fulton St., San Francisco.
Filed Dec. 9, '24. Dated Oct. 28, '24. Payments same as above.
TOTAL COST, \$31,200
Bond, \$15,600. Surety, Globe Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

(5118) TO CONSTRUCT STEEL SASH and doors on above.
Contractor—Detroit Steel Products Co., 251 Kearny St., San Francisco.
Filed Dec. 9, '24. Dated Nov. 21, '24. Payments same as above. TOTAL COST \$7849
Bond, limit, forfeit, none. Plans and specifications filed.

(5119) ERECT STEEL SASH AND doors on above.
Contractor—Fenster Construction Co., 251 Kearny St., San Francisco.
Filed Dec. 9, '24. Dated Nov. 21, '24. Payments same as above. TOTAL COST, \$1760
Bond, forfeit, limit, none. Plans and specifications filed.

(5120) CONSTRUCT KINNEAR STEEL Rolling Doors on above.
Contractor—Pacific Materials Co., 525 Market St., S. F.
Filed Dec. 9, '24. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$792.
Bond, \$396. Sureties, Indemnity Insurance Co. of N. A. Forfeit, limit, none. Plans and specifications filed.

(5121) SHEET METAL WORK on above.
Contractor—Forderer Cornice Works, 16th and Potrero Ave., S. F.
Filed Dec. 9, 1924. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$2,184.
Bond, \$1,092. Sureties, U. S. Fidelity & Guaranty Co. Forfeit, limit, none. Plans and specifications filed.

(5122) ORNAMENTAL IRON WORK on above.
Contractor—Monarch Iron Works, 262 7th St., S. F.
Filed Dec. 9, 1924. Dated Nov. 20, 1924. Payments same as above. TOTAL COST, \$4,826.
Bond, \$2,413. Sureties, National Surety Co. Forfeit, limit, none. Plans and specifications filed.

(5123) TRAVERTINE AND TERRAZO on above.
Contractor—P. Grassi & Co., 1945 San Bruno Ave., S. F.
Filed Dec. 9, 1924. Dated Nov. 20, 1924. Payments same as above. TOTAL COST, \$8,775.
Bond, \$4,387.50. Sureties, American Surety Co. of N. Y. Forfeit, limit, none. Plans and specifications filed.

(5124) PAINTING ON ABOVE.
Contractor—D. Zelinsky & Sons, 165 Grove St., S. F.
Filed Dec. 9, 1924. Dated Nov. 20, 1924. Payments same as above. TOTAL COST, \$2,000.
Bond, \$1,000. Sureties, National Surety Co. Forfeit, limit, none. Plans and specifications filed.

(5125) GLASS AND GLAZING ON above.
Contractor—W. P. Fuller & Co., Beale and Mission Sts., S. F.
Filed Dec. 9, 1924. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$3,196.
Bond, \$1,598. Sureties, National Surety Co. Forfeit, limit, none. Plans and specifications filed.

(5126) SPRINKLER SYSTEM on above.
Contractor—Grinnell Co. of The Pacific, 601 Brannan St., S. F.
Filed Dec. 9, 1924. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$12,700.
Bond, \$6,350. Sureties, Aetna Casualty and Surety Co. (Hartford, Conn.) Forfeit, limit, none. Plans and specifications filed.

(5127) ROOFING, (CARSY ROOFING Product) on above.
Contractor—Alta Roofing Co., 221 Oak St., S. F.

Filed Dec. 9, 1924. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$2,579.
Bond, \$1,289.50. Sureties, National Surety Co. Forfeit, limit, none. Plans and specifications filed.

(5128) ELECTRICAL WORK ON above.
Contractor—Conley & Kuchel Electric Works, 468 5th St., S. F.
Filed Dec. 9, 1924. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$10,940.
Bond, \$5,470. Sureties, National Surety Co. Forfeit, limit, none. Plans and specifications filed.

(5129) HEATING AND DOMESTIC hot water supply on above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Dec. 9, 1924. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$4,395.
Bond, sureties, forfeit, limit, none. Plans and specifications filed.

(5130) PLUMBING ON ABOVE.
Contractor—Wm. J. Forster Co., 355 4th St., S. F.
Filed Dec. 9, 1924. Dated Nov. 18, 1924. Payments same as above. TOTAL COST, \$11,575.
Bond, \$5,787.50. Sureties, National Surety Co. Forfeit, limit, none. Plans and specifications filed.

(5131) ELEVATORS, ETC. ON ABOVE.
One electric passenger elevator; one electric freight elevator; one plunger electric freight elevator; reinstall one electric elevator; relocate one present plunger electric sidewalk elevator.
Contractor—Otis Elevator Company.
Filed Dec. 9, 1924. Dated Nov. 11, 1924. Payments same as above. TOTAL COST, \$22,840.
Bond, sureties, forfeit, limit, none. Plans and specifications filed.

(5132) FINISH HARDWARE ON above.
Contractor—Palace Hardware Co., 581 Market St., S. F.
Filed Dec. 9, 1924. Dated Nov. 19, 1924. Payments same as above. TOTAL COST, \$1,250.
Bond, \$625. Sureties, Globe Indemnity Co. Forfeit, limit, none. Plans and specifications filed.

DWELLING
(5133) E CHURCH 125 S 30th. 1-story and basement frame dwelling.
Owner—Henry Selligo, 1045 Noe St., San Francisco.
Architect—None. \$2000

DWELLING
(5134) E MADRID 150 NE France. 1-story and basement frame dwlg.
Owner—C. W. Greene, 131 Portola Ave., San Francisco.
Architect—None. \$2000

TANK & TOWER
(5135) NO. 1 FOURTEENTH STREET. Erect elevated steel sprinkler tank and steel water tower.
Owner—Western Cooperative Co., 1 14th St., San Francisco.
Architect—None.
Contractor—Chicago Bridge and Iron Works. \$5000

DWELLINGS
(5136) N HERNANDEZ 40 85 E Vasquez. 1-story and basement frame dwellings.
Owner—Hawkins Improvement Co., Mills Bldg., San Francisco.
Architect—O. K. Thayer, 110 Sutter St., San Francisco. \$3000 each

ALTERATIONS
(5137) SE WEBSTER AND WALLER Sts. Remodel 2 residences for (4) apartments.
Owner—A. F. Fick, 520 Haight St., S. F.
Architect—M. G. Bugbee, 619 Washington St., S. F.
Contractor—Thos. Christian, 542 Haight St., S. F. \$6000

ALTERATIONS
(5138) 3750 SEVENTEENTH STREET. Move cottage; new foundation, etc.
Owner—Walter W. Lacy, 72 Caselli Ave., S. F.
Architect—None.
Contractor—P. J. Hurley, 241 Hermann St., S. F. \$2000

NOW READY FOR DELIVERY—

PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.

Loose Leaves in Fabrikoid Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.

Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

DWELLING
(5139) W TWENTY-THIRD AVE. 275
N Ulloa. 1-story and basement
frame dwelling.
Owner—Wm. C. Krogh, 537 Guerrero
St., S. F.
Architect—None.
Contractor—John E. McCarthy, 1479
12th Ave., S. F. \$3000

ALTERATIONS
(5140) 3849 ARMY STREET. Altera-
tions and additions to cottage for
flats.
Owner—Martin J. Jensen, premises.
Architect—Plans by owner. \$3000

STORES, SHOP
(5141) W POTRERO AVE. 175 N 17th.
1-story concrete stores and machine
shop.
Owner—Margaret Hillen, 227 Davis St.,
San Francisco.
Architect—J. Hladik, Monadnock Bldg.,
San Francisco.
Contractor—Mission Concrete Co., 125
Kissling St., S. F. \$9000

STORE, APTS.
(5142) N FRANCISCO 175 E Octavia
E 25 N 137-6. All work for 2-story
and basement frame bldg. (store
and apartments).
Owner—Anna Fishel.
Architect—None.
Contractor—H. O. Lindeman, 619 27th
Ave., S. F.
Filed Dec. 10, 1924. Dated Nov. 10, 1924.
On execution of agreement. \$4630.00
Roof on 3217.50
Brown coated 3217.50
Completed and accepted 3217.50
Usual 35 days 3217.50
TOTAL COST, \$12,500.00
Bond, sureties none. Forfeit,
none. Limit, 120 days. Plans and spec-
ifications filed.

BUILDING
(5143) N THIRTY-NINTH AVE. 125 N
Balboa 50 x 120. All work for
building.
Owner—Frederick Huelter, 751 48th
Ave., S. F.
Architect—None.
Contractor—Henry S. Nelson, 689 6th
Ave., S. F.
Filed Dec. 10, 1924. Dated Dec. 10, 1924.
Roof on 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$10,200.00
Bond, sureties forfeit, none. Limit 120
days. Plans and specifications not filed

BUNGALOW
(5144) W FORTY-SIXTH AVE. 150 S
Balboa 30 x 120. All work for 7-
room bungalow.
Owner—Mrs. Eva K. De Sabla, 727 46th
Ave., S. F.
Architect—F. Carroll Read, 683 7th
Ave., S. F.
Contractor—F. Carroll Read, 683 7th
Ave., S. F.
Filed Dec. 10, 1924. Dated Dec. 5, 1924.
Roof completed 1/5
Rough plaster on 1/5
Carpenter work completed 1/5
Completed and accepted 1/5
Usual 35 days 1/5
TOTAL COST, \$8184.
Bond, \$4037. Sureties, United States
Fidelity & Guarantee Co., Forfeit, \$500
per day. Limit, 100 days. Plans and
specifications filed.

RESIDENCE
(5145) W 18TH AVE. 225 N IRVING
St. Two-story frame residence.
Owner—Kate Corrigan, 1143 Oak St.,
San Francisco.
Architect—None.
Contractor—F. A. & J. L. Soracco, 127
30th St., San Francisco.
Filed Dec. 10, 1924. Dated Dec. 1, 1924.
Rough completed \$1750
Brown coated 1750
Finished 1750
Usual 35 days 1750
TOTAL COST, \$7000
Bond, none. Sureties, none. Forfeit,
none. Limit, none. Plans, none. Spec-
ifications, none.

BUNGALOW
(5146) W 33RD AVE. 175 N CABRIL-
LO, N 25 x W 120. One-story frame
bungalow.
Owner—H. O. Lindeman, 619 27th Ave.,
San Francisco.
Architect—None.

Contractor—W. R. Lindeman, 619 27th
Ave., S. F.
Filed Dec. 10, 1924. Dated Oct. 18, 1924.
Frame up and enclosed \$1500
Rough plastered 1500
Completed 1500
Usual 35 days \$6000
TOTAL COST, \$6000
Bond, none. Sureties, none. Forfeit,
none. Limit, 90 days. Plans and spec-
ifications filed.

BUNGALOW
(5147) W 33RD AVE., 150 N CABRIL-
LO, N 25 x W 120. One-story frame
bungalow.
Owner—H. O. Lindeman, 619 27th Ave.,
San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th
Ave., S. F.
Filed Dec. 10, 1924. Dated Oct. 18, 1924.
Payments—Same as above.
TOTAL COST, \$6000
Bond, none. Sureties, none. Forfeit,
none. Limit, 90 days. Plans and spec-
ifications filed.

DWELLING
(5148) PACIFIC AVE. 62 W LAUREL
Two-story frame dwelling.
Owner—Charles Hayden, 3153 Pacific
Ave., S. F.
Architect—Henry H. Gutterston, 526
Powell St., S. F.
Contractor—Moore & Madsen, 77 O'Far-
rell St., S. F.
Filed Dec. 10, 1924. Dated Dec. 5, 1924.
Payments on 1st of each mo. 75%
Usual 35 days 25%
TOTAL COST, \$12,900
Bond, none. Sureties, none. Forfeit,
none. Limit, 150 days. Plans and spec-
ifications filed.

DWELLING
(5249) W TWENTY-THIRD AVE. 275
N Ulloa N 25 x W 120. All work
for 2-story and basement frame
dwelling.
Owner—Wilbur C. and Emma B. Krogh,
537 Guerrero St., S. F.
Architect and Contractor—John E. Mc-
Carthy, 1479 12th Ave., S. F.
Filed Dec. 10, 1924. Dated Dec. 10, 1924.
Enclosed \$1137.50
Brown coated 1137.50
Completed and accepted 1137.50
Usual 35 days 1137.50
TOTAL COST, \$4550.
Bond, \$2275. Sureties, Chas. J. McCar-
thy and E. J. Nutting, Forfeit, none.
Limit, 90 days. Plans and specifi-
cations filed.

ROOFING
(5150) E MARKET AND BEALE, NE
137-8 x SE 138-2. All work for
composition roofing for new gen-
eral office bldg.
Owner—Pacific Gas & Electric Co., 445
Market St., San Francisco.
Architect—Bakewell & Brown.
Contractor—Alta Roofing Co., 221 Oak
St., S. F.
Filed Dec. 10, 1924. Dated Oct. 31, 1924.
On completion 75%
Usual 35 days 25%
TOTAL COST, \$1589.
Bond, \$800. Sureties, Fidelity & De-
posit Co. of Maryland. Forfeit, none.
Limit, none. Plans and specifications
filed.

BUNGALOW
(5151) E FAYON AVE. 125 N Lake-
view Ave. N 25 x E 112-6 Lot 11.
Bldg. 20, Bldg. 20, Lakeview. All
work for 4-room and bath bungal-
ow.
Owner—The McCarthy Co., 316 Bush
St., S. F.
Architect—None.
Contractor—James Arnott & Son, 235
Unionville Way, S. F.
Filed Dec. 10, 1924. Dated Nov. 19, 1924.
30 days after frame is up 25%
30 days after brown coated 25%
30 days after completed and
accepted 25%
Usual 35 days 25%
TOTAL COST, \$2000
Bond, sureties, forfeit none. Limit 90
days. Plans and specifications filed.

RELEASE OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

Dec. 9, 1924—Releasing contract filed
Nov. 26, 1924. Louis R. and Ivy M.
Jacobson with C F Parker.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Dec. 3, 1924—SE BUCHANAN AND
Chestnut S 40 x E 80. M. J. Stam-
per and Jeannette Stamper, In-
dividuals to Gustaf M. and Ad-
rian Peterson Dec. 2, 1924
Dec. 3, 1924—LOT 33 BLK F PARK
Lane Tr Map 4 deed as E Clayton
50 N Deming N 25 x E 95. Esther
Macdonald to whom it may con-
cern Dec. 2, 1924
Dec. 3, 1924—N N ROLPH 128 W
Madrid No. 175 Rolph. Arthur L.
Campbell to whom it may concern
..... Dec. 1, 1924
Dec. 2, 1924—N CALIFORNIA 223 E
Arguello Blvd. N 132-6-78. David
Emanuel to whom it may concern
..... Dec. 1, 1924
Dec. 3, 1924—N CALIFORNIA 65 W
23rd 50 x 100, 6108, 6110 California.
John Payne to whom it may con-
cern Dec. 2, 1924
Dec. 3, 1924—FAXON AVE. 50 N
Holloway Ave. N 50 x E 75, ptn.
Lots 7, 8 and 9, Blk. 18, Lakeview.
Thomas J. Sullivan to whom it may
concern Dec. 2, 1924
Dec. 3, 1924—W BRAZIL AVE. and
Athens NW 25 x SW 100 ptn. Lot 8,
Blk. 64, Excel. Hd. Assn. S. Pallad-
ine to whom it may concern
Dec. 3, 1924—E CORDOVA 33-34 N
Chicago Way N 33-35 NE 98-48 SE
23-40 SW 100-57, ptn. Lots 29 and
30, Blk. 1452, Lot 13 Bk. 6 and
Dec. 4 Bk. 649 Crocker Amazon
Tract Sub. No. 2, Crocker Estate
Co. to whom it may concern
Nov. 23, 1924
Dec. 4, 1924—355 BOCAN ST. Fil-
lipino and Lucia Cervellera to C.
Lindberg Oct. 15, 1924
Dec. 4, 1924—N FRANCISCO 128-6 W
Van Ness Ave. 27-6 x 137-12 John
Eshia to Kincannon & Walker
Nov. 25, 1924
Dec. 4, 1924—SE POLK AND OFAR-
rell 80 x 120. O. Monson and H. E.
Rahlmann to whom it may concern
..... Dec. 1, 1924
Dec. 4, 1924—LOT 11, BLK. 18, Ingle-
side Terraces. John R. Lindsay to
whom it may concern Dec. 1, 1924
Dec. 4, 1924—E PERKINS AVE. AND 3RD
SE 25 x NE 77-6. Carl Jorgensen
to whom it may concern Dec. 3, 1924
Dec. 4, 1924—W BAKER 125 S FUL-
ton S 25 x W 125. A. C. and Mary
Reader to Frank Antonelli Dec. 4, 1924
Dec. 4, 1924—W 3RD 53-23 N Que-
sada Ave. N 26-74 NW 62 m or
SW 25 SE 75 m or Lot 26 Bk. 330
Case Tract. Veriss J. and Clara
J. Correa to The Romines Con-
struction Co. Dec. 2, 1924
Dec. 3, 1924—W TWENTY-SEVENTH
150 N Cabrillo N 25x E 120. John
H. Kruse to C T Magill Nov. 26, 1924
Dec. 4, 1924—EDED BY HUMBOLDT,
Michigan, Louisiana and 23rd St.
Pacific Gas & Electric Co. to Oscar
Krenz Copper & Brass Works, Inc.
..... Dec. 3, 1924
Dec. 4, 1924—E SIXTEENTH AVE
218-6 N Cabrillo N 25x E 120. H.
Osterberg to H. O. Lindeman
Dec. 1, 1924
Dec. 4, 1924—LOT 10 BLK 3254 Bal-
boa Terrace. Mrs. R. A. Brassy to
J. E. Perkins Dec. 2, 1924
Dec. 3, 1924—LOTS 30 31 32 33 34
Blk. 3981 Granville Way Merritt
Terrace. Emil Nelson to whom it
may concern Dec. 3, 1924
Dec. 4, 1924—W 26th St. to Sara
Hill N. J. Malville to McCau-
ley & Weber Dec. 5, 1924
Dec. 5, 1924—W JONES 62-6 S JACK-
son S 25 x W 92. Sara Hill to
whom it may concern Dec. 4, 1924
Dec. 5, 1924—NW FULTON & PIERCE
N 108-6 x W 48. Albert McCormick
to Fred Warden Dec. 1, 1924
Dec. 5, 1924—W CHATEAUGG. 234
S 25 x E 120. Jennie & Frank L. Ken-
ville to R. O. Beach & Son
Dec. 1, 1924
Dec. 5, 1924—W FAXON AVE. 50 N
S Crafston Ave. 27-6 x E 112-6
W Avila 100 N Chestnut N 75
x W 100.625 ptn. Marina Gardens.
Meyer Bros. to whom it may con-
cern Dec. 4, 1924
Dec. 5, 1924—W MONTREZUMA 200 W
Shwell, S Montezuma 225 W Shot-
well. Isaacson & Nyland to whom
it may concern Dec. 4, 1924

Dec. 5, 1924—W 20TH AVE. 58-7' N
Cabrillo 25 x 90 ft. H. C. Harrison
to whom it may concern. Dec. 5, 1924

Dec. 5, 1924—LOTS 15, 16, 17 & 18
Blk. 3084 Map Blks. 3080 to 3085
Woodward-Hastings & Harris &
Kester E. Nelson to whom it may
concern. Nov. 28, 1924

Dec. 5, 1924—E JULES AVE. 165 S
Holloway & Co. S 30 x E 112-6 Blk.
22 Lakeview. J. W. H. Smith to
whom it may concern. Dec. 5, 1924

Dec. 5, 1924—S EDITH PLACE 150 W
Grant Ave. Mario De Martini to
J. De Martini & Co. S 30 x E 112-6
Dec. 5, 1924—E 40TH AVE. 150 W
N 50 x E 75. W. J. Behan to
Meyer Bros. Dec. 3, 1924
(Correction in Owner's Name)

Dec. 4, 1924—LOT 16, BLK. 3802 St.
Mary's Park. Joseph A. Lee & Harry
Stoneson to Thornison & Stoneson
Bros. Dec. 5, 1924

Dec. 6, 1924—NE FIFTEENTH p.
dist. E 118-2 from pt. of beg. S 1/2
SE alk NE 13th 28 NE 147-0
NW 138 to pt SE curve line Howard
dist NE 163-3/4 from NE 14th SW
alg NE curve line Howard 56 SE
116 m or 1 ft. dist NE 14th 116 m
from NE 13th measured at right
angles therefrom pt of beg SW
99-0 5/10 to beg. George McCarthy
to H. McCarthy. Dec. 4, 1924

Dec. 6, 1924—SW TWENTY-SEVENTH
Ave and Irving St. M. and Victoria
Francesconi to Cox Bros. Dec. 4, 1924

Dec. 6, 1924—C Map No. 100
Bldg Co Resub of Lots 4 to 19 sub
No. 1 Sea Cliff Ave. Kate A. Mc-
Leod to Frank M. Phillips. Dec. 5, 1924

Dec. 6, 1924—C Map No. 100
Forest Hill Ext'n. Carl Geiffert to
John Casty & Sons. Dec. 6, 1924

Dec. 6, 1924—LOT 2 BLK 20, Fair-
mount Tract. Mary A. Casey to A.
R. Dougherty. Dec. 5, 1924

Dec. 6, 1924—NE FRANCISCO AVE.
Franklin N. 37-6X124. Fred A.
Vaysille to Wm G. Zupar. Nov. 29, '24

Dec. 6, 1924—CHATTANOOGA 50
N Twenty-fourth N 25x50 No. 282
Chattanooga. Henrietta Forest
to A. L. Gray. Dec. 5, 1924

Dec. 6, 1924—E EIGHTEENTH AVE
150 W. Lawrence 202X120. Leder-
man Bldg Co. to Meyer Bros. Dec. 5, 1924

Dec. 6, 1924—TWENTY-SEVENTH AVE
400 & 425 N Taraval. M. P. Storheim
to whom it may concern. Dec. 6, 1924

Dec. 8, 1924—S HOWARD 187-6 E
12th. A. C. Rodoni and H. L.
Becker to Buschke & Brown. Dec. 6, 1924

Dec. 8, 1924—LOT 19, BLK. 3084
Mission Terrace. Walter E. Hansen
to whom it may concern. Dec. 5, 1924

Dec. 8, 1924—W POWELL 45-9 S
Jensen 23 x 68-3. Sara and
Concepcion Aranda to C. W. Giegard
Nov. 29, 1924

Dec. 8, 1924—S CABRILLO 75 E 44th
Ave. S 110 x E 35. Peter M. Krogh
to whom it may concern. Dec. 20, '24

Dec. 8, 1924—S ELIZABETH E.
Douglase E 25 x S 64. George E.
and Theresa E. Browning to whom
it may concern. Dec. 5, 1924

Dec. 8, 1924—W GOUGH W.
Chestnut N 25xW 137-6. Henry C.
Muller to Stempel & Cooley. Dec. 8, 1924

Dec. 8, 1924—N WASHINGTON 123-9
W Cherry 44 on Washington. Ed-
ward C. and Rowena B. Fleischman
to George H. Levick. Dec. 6, 1924

Dec. 8, 1924—S INCOLN W. 85 E
Twenty-second Ave. E 25x S 100
Wm Senner to Thos Hamill. Dec. 8, '24

Dec. 8, 1924—LOT 22 BLK. 29 and Lot
16 Blk. 30. Amended Map Ingleside
Terrace. Gordon W. and Annie
Morris to whom it may concern. Dec. 1, 1924

Dec. 8, 1924—W DIVISADERO 50 S
Francisco S 25xW 93-9. Marie For-
man to C. F. Parke. Dec. 8, 1924

Dec. 9, 1924—N GEARY 57-6 E 2nd

Ave E 25 C E Wilson to whom it
may concern. Dec. 1, 1924

Dec. 9, 1924—LOT 15 Blk. 3084
Estate Map N. of Alameda 261 W
Cordova 25x100x23.37 in rear. Max
Christensen to whom it may con-
cern. Dec. 9, 1924

Dec. 9, 1924—S McALLISTER 135 W
Gough 735 McAllister. Alece John-
son to whom it may concern. Dec. 9, 1924

Dec. 9, 1924—W UNION and FAY-
LOR. Angelo De Monte to Fogar
Dec. 9, 1924

Dec. 9, 1924—SE MARKET 155 NE
N 100 SE 30 SE 135 NW 125 NW 50
N 100 SE 30 SE 135 NW 125 NW 50
to whom it may concern. Dec. 9, '24

Dec. 9, 1924—25 x 100 N LINE Cotter
375 and 350 W Mission. Jas. Fine-
gan to whom it may concern. Dec. 9, 1924

Dec. 9, 1924—W 28TH AVE. 292 N
Cabrillo N 26 x W 120. Thomas E.
Mohler to whom it may concern
Dec. 9, 1924

Dec. 9, 1924—S STAPLES E. 123
W Edna W 25 x N 112-6 Lot 38,
Blk. 18, Sunnyside. Minnie A. Aus-
tin to James Arnett & Son. Dec. 8, '24

Dec. 9, 1924—S EUCALYPTUS AVE
Commonwealth Ave. S 55 x E 95.
Belle Goldsmith to John Diestel
and A. L. Vezina as Diestel & Vezina
Dec. 1, 1924

Dec. 9, 1924—LOT 6, BLK. 3802 and
Mary's Park. Maida and Carl
Klute to F. W. Varney. Nov. 19, 1924

Dec. 9, 1924—W PLYMOUTH AVE
202-2 S Ocean Ave Lot 22 Blk. 10
Lakeview Annd. C. A. Thompson to
Johnson & Erlendson. Dec. 3, 1924

Dec. 9, 1924—E MIRAMAR AVE 391-8
S Ocean Ave Lot 22 Blk. 10, Lake-
view Annd. Wm E. J. Drell to
Johnson & Erlendson. Dec. 3, 1924

Dec. 9, 1924—S JACKSON 110 E
Larkin E 27-6X8 137-6. Charles J.
U. Koenig to whom it may concern
Dec. 9, 1924

Dec. 9, 1924—E FIFTEENTH AVE
125 N Fulton N 25x120. Charles
and Emma Borg to G. M. Kantsche
Dec. 10, 1924

Dec. 10, 1924—NE EIGHTH 40 SE
Almision SE 40XNE 65. Pacific Gas
& Electric Co. to MacGruer & Simp-
son. Dec. 3, 1924

Dec. 10, 1924—N 4TH ST. 110 W
40' E and 135 N 4' 20' W from int
S Humboldt and E Georgia N 4' 20'
W 25 N 85' 40' E 120 S 4' 20' E 25
S 85' 40' W 120 m or 1 ft. to beg.
Pacific Gas & Electric Co. to George
Windler Co. Dec. 6, 1924

Dec. 10, 1924—N PACHECO AND
Ninth AVE. 25xW 82-6. J. B.
Nichols to Meyer Bros. Dec. 4, 1924

Dec. 10, 1924—W NINTH AVE 75 N
Pacheco N 25xW 82-6. N Pacheco
82-6 W 9th Ave W 25xN 100. E R
Tucker to Meyer Bros. Dec. 4, 1924

Dec. 10, 1924—W NINTH AVE 25 N
Pacheco N 50xW 82-6. Geo J.
Steiger to Meyer Bros. Dec. 4, 1924

Dec. 10, 1924—W FRANKLIN 155 N
Chestnut N 37-6X100. Celste
Giugni to John Harder & Sons. Dec. 10, 1924

Dec. 10, 1924—N PACHECO 107-6 W
Ninth Ave 50xN 100. A. C. Davis to
Meyer Bros. Dec. 4, 1924

Wright successor to Wood Electric
Manufacturing Co. vs. David C.
Mangrum. \$200.

Dec. 4, 1924—W FOURTEENTH AVE
225 N Fulton N 25xW 127-6. C. H.
Edwards vs A. J. O'Brien and Abra-
ham and Annette Elberg. \$275.50

Dec. 4, 1924—E SANCHEZ 228 S 32nd
S 32X E 125. Joseph Chagley vs
C. K. Mitchell and Margaret Lally
\$337

Dec. 8, 1924—N GREEN 183-2 W Oc-
tavia W 29-4 x N 137-6. B. M. Mc-
Laughlin as Chris Nelson & Co. vs.
David C. B. Murphy. \$104.38

Dec. 8, 1924—N W HARRISON AND
14th NW 25 x W 40 85. R. J. King,
\$125.00; G. R. Brown, \$50.00; vs. W.
J. Jackson, Katherine Hobbs and
Sarah L. Hogan

Dec. 8, 1924—W ASHTON AVE. 80 N
Gratton Ave. N 40 W 53-2 S 40 E
53-1. Christenson Lumber Co.,
Corp., vs. Max Breitman and wife
Mildred Breitman. \$843.77

Dec. 8, 1924—W ASHTON AVE. 40 N
Gratton Ave. N 49 W 53-2 S 40 E
53 to pt. of beg. Christenson
Lumber Co., Corp., vs. Max Brie-
tman and wife Mildred Breitman. \$

Dec. 6, 1924—N 10. 1848 AN. 1850
Green St. M. C. Hill (as Park Sheet
Metal Works) vs David C. B. Mur-
phy & A. McCauley and A Weber
as (McCauley & Weber). \$182.50

Dec. 5, 1924—N GREEN 183-2 W Oc-
tavia W 29-4 x N 137-6. J. K.
Stewart vs. David B. Murphy & A.
Weber & A. McCauley as McCau-
ley & Weber. \$490

Dec. 9, 1924—NW BATTERY & SAC-
ramento W 275 x N 119-6. Van
Kannel Revolving Door Co. \$1175.
W. F. Fuller & Co. \$242. Sartorius
Co., Inc. \$3150 vs. Federal Reserve
Bank of S. F. & Waterhouse & Wil-
cox \$

Dec. 9, 1924—N GREEN 183-2 W Oc-
tavia W 29-4 x N 137-6. Mangrum
& Otter, Inc. vs. David C. B. Mur-
phy & McCauley Weber. \$303.

Dec. 10, 1924—N GREEN 183-6 W
Valley Lumber Yard vs. McCauley
& Weber and David C. Broderick
Murphy. \$699.18

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Dec. 5, 1924—E ANDOVER 200 N Crescent Ave N 25 x E 70. The American Trading Co. of the Pacific Coast vs. John T. and Elizabeth A. Denahy & Inlay Hardwood Co. \$76.50	

RELEASE OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

Dec. 8, 1924—Releasing Contract Fled
Nov. 15, 1924. George and Annie
Marcantelli with Henry Stoneson.

RELEASE OF BUILDING CONTRACT

Dec. 5, 24—Annie G. Scharetz to Gus
Heden—cancellation of building con-
tract recd Dec 3, 24

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts in this issue.

6341	Blasingame	Owner	6000
6342	Attewall	Owner	4000
6343	Rose	Rose	3500
6344	West Coast	Hopper	2400
6345	Leach	Owner	3200
6346	Orton	Norris	1500
6347	Green	Owner	3700
6348	Carrioco	Owner	2500
6349	McAnnulty	Owner	6800
6350	Brasch	Owner	3500
6351	Brasch	Owner	4000
6352	Moe	Owner	5000
6353	Smith	Russell	6450
6354	Brown	Brown	4000
6355	Norris	Norris	3000
6356	Francis	Owner	4000
6357	Frazier	Owner	3000
6358	Richardson	Sharp	1000
6359	Holmes	Locand	2000
6360	Booth	Owner	2000
6361	Booth	Owner	2500
6362	Meyer	California	12000
6363	McIntier	Owner	25500

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Dec. 3, 1924—W 27TH AVE. 312 N Cabrillo N 26 x W 120. Portman's Planing Mill vs. Louis Wolovsky, Pedro Carlsen and N. S. Sassa. \$35.50	
Dec. 3, 1924—W 14TH AVE. 225 S Fulton N 25 x W 127-6. Portman's Planing Mill vs. Abraham & An- nette Elberg, Peder Carlsen and N. Sassa. \$119.67	
Dec. 3, 1924—LOT 6, BLK. 19, For- est Hill Addition. W. Del Tredici vs. W. W. Galloway, F. Galloway and Weber and A. A. McCauley as McCauley & Weber. \$242.50	
Dec. 4, 1924—LOT 6, BLK. 19, For- est Hill, 360 Casteneda Ave. James E. Lennon Lime & Cement Co. and Frank Hannix vs. Wm. L. and Cornelia W. Galloway and Mc- Cauley & Weber. \$690.	
Dec. 4, 1924—W ASHTON AVE. 40 N Gratton Ave. 80 x 50 m or 1 ft. James E. Lennon Lime & Cement Co. and Fred Merrill vs. Max Brie- tman. \$410.25	
Dec. 4, 1924—1850 GREEN BET. Oc- tavia and Laguna. Charles Dana	

6364	Zimmermann	Lynn	23600	DWELLING	Owner—W. L. Brown, 1920 Seminary Ave., Oakland.
6365	Peppi	Owner	8000	(6345) NO. 1200 GILMAN ST., Berkeley.	Architect—None.
6366	Peppi	Owner	12600	keley. One-story 5-room stucco dwelling.	Contractor—J. T. Brown, 1920 Seminary Ave., Oakland. Each, \$2000
6367	McCord	Owner	6400	dwelling.	
6368	Johnson	Owner	2000	Owner—C. Lerch, 1041 Walker Ave., Berkeley.	
6369	Carlson	Owner	5500	Architect—O'Brien, Oakland.	\$3200
6371	Pollard	Heath	2000		
6372	Pollard	Owner	4070		
6373	Bowles	Owner	3000	STORE (6346) 5744 EAST FOURTEENTH ST., Oakland.	
6374	Jennings	Owner	4400	One-story 1-story store.	
6375	National	Turner	5500	Owner—A. E. Orton, 2558 Seminary Ave., Oakland.	\$1500
6376	Pierce	Ridout	1935	Architect—None.	
6377	Graham	Owner	3200		
6378	Squires	Owner	4150		
6379	Levy	Kennedy	2000	DWELLING	
6380	Bock	Patterson	1000	(6347) 1801 SIXTY-SIXTH AVE., Oakland.	
6381	Foreman	Foreman	3000	land. 1-story 5-room dwelling and garage.	
6382	Vitelo	California	14500	Owner—Leona Green, 1730 69th Ave., Oakland.	\$3700
6383	Stolte	Owner	8000	Architect—None.	
6384	Fagel	Dubnoff	9604		
6385	James	Owner	3000	DWELLING	
6386	Stewart	Owner	3000	(6348) 4621 BROOKDALE AVE., Oakland.	
6387	Wilkinson	Hawthorne	4350	land. 1-story 4-room dwelling.	
6389	Mulvaney	Broadway	1500	Owner—A. E. Carrico, 1460 78th Ave., Oakland.	\$2500
6390	Czerny	Lee	2143	Architect—None.	
6391	Talested	Groden	6000		
6392	Hallested	Owner	3500	DWELLINGS	
6393	Marshall	Owner	2400	(6349) E 106TH AVE., 193 and 299 N. Littlefield.	
6394	Sprague	Owner	9000	Foothill Blvd., Oakland. Two 1-story 5-room dwellings and garages.	
6395	Hughes	Owner	5247	Owner—McAnnulty Bros., 106th Ave. and Foothill Blvd., Oakland.	\$3150
6396	Jones	Jones	2000	Architect—None.	
6397	S. P.	Perry	6000		
6398	Perry	Owner	2500	DWELLINGS	
6399	Gardner	Owner	4000	(6350) W FIFTY-SIXTH AVE., 40 and 80 N Brann St., Oakland. Two 1-story 5-room dwellings.	
6400	Marquis	Owner	4400	Owner—M. P. Brasch, 392 17th St., Oakland.	\$4000
6401	National	Owner	2500	Architect—None.	
6402	Kemp	Owner	3000		
6403	Kick	Owner	5000	DWELLING	
6404	McIlhinney	Muller	7000	(6351) E FIFTY-SIXTH AVE., 80 N Brann St., Oakland. 1-story 5-rm.	
6405	Hayes	Erbrick	1250	dwelling.	
6406	Sheline	Pearson	2200	Owner—M. P. Brasch, 392 17th St., Oakland.	\$4000
6407	Reeder	Owner	3000	Architect—None.	
6408	Perry	Owner	2500		
6409	Woodburn	Owner	3000	DWELLING	
6410	Weiss	Rushing	5000	(6352) 1057 TRESTLE GLEN ROAD, Oakland. 1-story 6-room dwelling.	
6411	Taten	Taten	5000	Owner—Samuel Moe, 1550 Hampel St., Oakland.	\$5000
6412	Glman	Owner	5000	Architect—None.	
6413	Morgensen	Petersen	3700		
6414	Houson	Griffith	2150	ALTERATIONS	
6415	Early	Benaissini	3600	(6353) 2012 THIRTY-EIGHTH AVE., Oakland. Alterations and 1-story garage.	
6416	Checke	Woodsun	3000	Owner—Albert Smith, 2012 38th Ave., Oakland.	
6417	Woodsun	Sims	2100	Architect—None.	
6418	Bacon	Johnson	2500		
6419	Johnson	Owner	12000	DWELLINGS	
6420	Nichols	Owner	4750	(6354) 4136, 1140 EIGHTY-SECOND AVE., Oakland. Two 1-story 4-rm. dwellings.	
6421	Pfandhammer	Roth	970		
6422	Berkeley	Nordstrom	1930		
6423	Berkeley	Owner	3500		
6424	Nilson	Owner	1200		
6425	Soloman	Hiteman	3500		
6426	Fisher	Owner	3000		
6427	Straus	Thiele	2300		
6428	Mehrtens	Thiele	3500		
6429	Mehrtens	Nelson	1200		
6430	Rosenthal	Owner	5000		
6431	Kietzken	Owner	2500		
6432	Soave	Almuist	1150		
6433	Frisch	Bell	2900		
6434	Leeper	Owner	2500		
6435	Kellner	Bruck	2900		
6436	Hughes	Owner	2500		
6437	Silva	Owner	3000		
6438	Gibson	Patterson	8700		
6439	Dison	Tarnell	6300		
6440	Secombe	Owner	10000		
6441	Garratt	Wolfe			
6442	Spilker	Critchett			

DWELLINGS
(6341) NO. 1533 AND 1535 FRANCISCO ST., Berkeley. Two one-story 5-room dwellings.
Owner—G. Blasingame, 1529 Francisco St., Berkeley.
Architect—None. \$3000 each

DWELLING
(6324) NO. 916 OXFORD ST., Berkeley. One-story 5-room dwelling.
Owner—J. Atterwall, 1911 Walnut St., Berkeley.
Architect—None. \$4000

DWELLING
(6343) NO. 1222 CARLTON ST., Berkeley. One-story 5-room stucco dwelling.
Owner—F. W. Rose, 5304 Manila Ave., Oakland.
Architect—None.
Contractor—M. Rose, 940 Oxford St., Berkeley. \$3500

ALTERATIONS
(6344) NO. 2036 UNIVERSITY AVE. (U. C. Theatre), Berkeley. Alterations.
Owner—West Coast Theatres, Inc., 134 Leavenworth St., San Francisco.
Architect—None.
Contractor—M. Hopper & Sons, 1117 Webster St., Oakland. \$2400

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent annuum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Owner—H. W. McIntire Co., 1523 Franklin St., Oakland.
Architect—None. \$12,750 each

DWELLINGS & GARAGES (3)
(6361) S. NICOL AVE 90, 127, 164, 201, 238, 274, 412 & 349 W Fruitvale Ave., Oakland. Eight 1-story 5-room dwellings and garages.
Owner—G. A. Zimmermann, 589 29th St., Oakland.
Architect—None.
Contractor—Willis F. Lynn, 208 Commercial Bldg., Oakland. \$4200 each

DWELLINGS (2)
(6365) 3112 KINGSLAND AVE. OAKLAND: 2907 Madera Ave., Oakland. Two 1-story 5-room dwellings.
Owner—J. E. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. \$4000 ea.

DWELLINGS (3)
(6366) 8180, 8136 & 3148 KINGSLAND AVE., Oakland. Three 1-story 6-room dwellings.
Owner—J. E. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. \$4200 ea.

DWELLINGS (2)
(6367) 2301 & 2305 CHURCH STREET, Oakland. Two 1-story 5-room dwellings.
Owner—T. J. McCord, 4741 East 14th St., Oakland.
Architect—None. \$3200 ea.

DWELLING
(6368) NO. 1244 EVELYN AVE., Berkeley. One-story 5-room dwelling.
Owner—S. Johanson, 1357 Northside Ave., Berkeley.
Architect—None. \$2000

DWELLING
(6369) NO. 2405 CEDAR ST., Berkeley. One-story 6-room dwelling.
Owner—Carlson & Frest, 2046 Vine St., Berkeley.
Architect—None. \$5500

DWELLING
(6370) NO. 1706 HEARST AVE., Berkeley. One-story 4-room dwlg.
Owner—A. Thomsen, Salida.
Architect—None.
Contractor—Heath & Wendt, American Bank Bldg., Oakland. \$2000

DWELLING
(6371) NO. 1574 POSEN ST., Berkeley. One-story 6-room dwelling.
Owner—A. Pollard, 77 Piazza Drive, Berkeley.
Architect—None. \$4000

DWELLING
(6372) NO. 1570 POSEN ST., Berkeley. One-story 5-room dwelling.
Owner—A. A. Pollard, 77 Piazza Drive Berkeley.
Architect—None. \$3000

ALTERATIONS
(6373) 1715 BROADWAY, Oakland. Alterations.
Owner—P. E. Bowles.
Architect—E. T. Foulkes, 357 12th St., Oakland. \$4400

DWELLING
(6374) 311 EUCLID AVE., Oakland. 1-story 6-room dwelling.
Owner—W. B. Jennings, Park St., Emeryville.
Architect—None.
Contractor—H. D. Turner, 499 38th St., Oakland. \$5500

SIGN
(6375) SW COR. TWELFTH AND Fallon Sts., Oakland. Roof sign.
Owner—National Electric Sign Co., 510 18th St., Oakland.
Architect—None. \$4000

ALTERATIONS
(6376) SE COR. E-TWELFTH ST. and 8th Ave., Oakland. Alterations.
Owner—Geo. S. Pierce.
Architect—None.
Contractor—W. L. Rideout, 1536 St. Charles St., Alameda. \$1335

DWELLING
(6377) S QUIGLEY ST., 150 E Loma Vista Ave., Oakland. 1-story 5-rm. dwelling and garage.
Owner—Lewis Graham, 2327 64th Ave., Oakland.
Architect—None. \$3200

DWELLING
(6378) W SIXTY-EIGHTH AVE. 140 N Avenal Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—Squires & Ferrier, 1451 Seminary Ave., Oakland.
Architect—None.
Contractor—C. R. Squires, 382 15th St., Oakland. \$4150

ALTERATIONS
(6379) NW COR. SIXTEENTH AND San Pablo Ave., Oakland. Alterations.
Owner—Levy Estate, 434 9th St., Oakland.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. \$2000

ALTERATIONS
(6380) 416 SANTA CLARA AVE., Oakland. Alterations.
Owner—Mrs. Eock, Oakland.
Architect—None.
Contractor—J. F. Patterson, 2002 68th Ave., Oakland. \$1000

DWELLING
(6381) 2418 POTTER ST., Oakland. 1-story 4-room dwelling.
Owner—H. S. Foreman & Freda Smith. Architect—None.
Contractor—H. S. Foreman, 3411 Sheffield Ave., Oakland. \$3000

APARTMENTS
(6382) 6048 TO 54 CLAREMONT AVE., Oakland. 2-story 16-room apts. & garage.
Owner—Antonio Vitelo, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. \$14,500

DWELLINGS
(6383) 3108, 3107, 3115 AND 3121 SYLVAN AVE., Oakland. Four 1-story 5-room dwellings.
Owner—F. C. Stolte, 3455 Laguna Ave., Oakland.
Architect—None. Each, \$3500

FACTORY
(6384) N HOLLYWOOD AVE., 100 E 10th St., Oakland. 1-story brick factory.
Owner—Fageol Motor Co., Oakland.
Architect—None. \$8000

RESIDENCE
(6385) E SIDE OF SPRUCE ST. 160 ft. N of Cedar, Berkeley. General construction. 2-story and basement frame residence and garage.
Owner—Mrs. A. R. James, 707 Ensenada, Berkeley.
Architect—George M. Cantrell, Monadnock Bldg., S. F.
Contractor—H. Dubnoff, Monadnock Bldg., S. F.
Filed Dec. 5, 1924. Dated Nov. 18, 1924.
When frame is up.....\$2401
When brown coated.....2401
When completed.....2401
Usual 35 days.....2401
TOTAL COST, \$9604

Bond, \$4802. Sureties, National Surety Co. Forfeit, none. Limit, 90 working days from above date. Plans and specifications filed.

DWELLING
(6386) 1628 CARLTON ST., Berkeley. 1-story 4-room dwelling.
Owner—E. Stewart, 102 Magnolia Ave., Berkeley.
Architect—None. \$3000

DWELLING
(6387) 1346 TALBOT AVE., Berkeley. 1-story 5-room dwelling.
Owner—G. Wilkinson, 2705 Truman Ave., Oakland.
Architect—None. \$3000

DWELLING
(6388) 1523 PARU STREET, Alameda. 1-story 6-room dwelling.
Owner—T. A. Thomsen, 1905 Lafayette Street, Alameda.
Architect—None.
Contractor—D. R. Hawthorne 1924 98th Ave., Oakland. \$4350

ALTERATIONS
(6389) 2016 CENTRAL AVENUE, Alameda. Alterations.
Owner—J. Mulvaney, 1401 Park St., Alameda.
Contractor—W. Broadway, 3432 Salisbury St., Oakland. \$1500

DWELLING
(6390) NINTH ST. & TAYLOR AVE. Alameda. 1-story 3-room dwelling.
Owner—Mrs. A. M. Czerny, 1314 Webster St., Alameda.
Architect—None.
Contractor—Sam Lee, 1301 Lafayette St., Alameda. \$2142

DWELLING
(6391) 2940 LINCOLN AVE., Alameda. 1-story 6-room dwelling.
Owner, M. Hallested, 1910 Webster St., Alameda.
Architect—None.
Contractor—J. Groden, 1011 Santa Clara Ave., Alameda. \$4000

DWELLINGS
(6392) 2334 & 2338 LINCOLN AVE., Alameda. 2 1-story 5-room dwlgs.
Owner—M. Hallested, 1910 Webster St., Alameda.
Architect—None.
Contractor—J. Groden 1011 Santa Clara Ave., Alameda. \$3000 each

DWELLING
(6393) N OAKWOOD DRIVE 500 E Forest Drive, Oakland. 1-story 4-room dwelling.
Owner—Alex F. Marshall, 1410 Madison St., Oakland.
Architect—W. Smith, American Bk. Bldg., Oakland. \$3500

DWELLING
(6394) 2815 EAST TWENTY-SIXTH Street, Oakland. 1-story 4-room dwelling.
Owner—J. E. Sprague, 4518 Edgewood Ave., Oakland.
Architect—None. \$2400

DWELLINGS
(6395) 8917 OLIVE STREET, 1972 89th Ave., Oakland. 2 1-story 4-room dwellings.
Owner—C. E. Hughes and E. H. Smith, 4428 East 14th St., Oakland.
Architect—None. \$2500 each

LOFT BLDG.
(6396) W FRANKLIN ST. 100 S 11th St., Oakland. 2-story concrete loft building.
Owner—E. M. A. Jones, 906 Broadway, Oakland.
Architect—None.
Contractor—R. W. Littlefield, 357 12th St., Oakland. \$9000

KILN
(6397) AT WEST OAKLAND, Alameda County. All work for kiln for drying lumber.
Owner—Southern Pacific Co., Oakland, Calif.
Architect—None.
Contractor—W. P. Jones, 2218 Los Angeles Ave., Berkeley.
Filed Dec. 10, 1924. Dated Nov. 25, 1924.
Close each month.....75%
Usual 35 days.....25%
Bond, \$5247. Sureties, Union Indemnity Co; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(6398) 3218 FLORIDA ST., OAKLAND. One-story 4-room dwelling.
Owner—Mrs. Mae Perry, 3218 Florida St., Oakland.
Architect—None.
Contractor—A. C. Perry, 3218 Florida St., Oakland. \$2000

DWELLINGS (2)
(6399) 3563-3569 WILSON AVENUE, Oakland. 2 1-story 5-room dwlgs.
Owner—W. C. Gardner, 3615 Fruitvale Ave., Oakland.
Architect—None. \$3000 ea.

DWELLING
(6400) 1715 73RD AVE., OAKLAND. One-story 5-room dwlg.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. \$2500

ELECTRIC SIGN
(6401) SW COR. 12TH & FALLON Sts., Oakland. Electric sign.
Owner—National Electric Sign Co., 510 18th St., Oakland.
Architect—None. \$4000

DWELLINGS (2)
(6402) 1021-1027 107TH AVE., OAKLAND. Two 1-story 4-room dwlgs.
Owner—Kemp & Neighbors, 7407 East 14th St., Oakland.
Architect. \$2200 each

DWELLING
(6403) 2362 109TH AVE., OAKLAND.
One-story 4-room dwelling.
Owner—Paul Louis Kick, 2325 Hum-
boldt Ave. Oakland.
Architect—None. \$2500

ADDITION
(6405) LOTS 23 & 24 BLK. 22 IVY-
wood Extension. General construction
2-story addition to present
bldg., etc.
Owner—E. L. or L. C. Hayes, 305 Camp-
bell St., Oakland.
Architect—None.

Contractor—Joseph R. Erbrick, 187
14th St., Oakland.
Filed Dec. 8, 1924. Dated Dec. 5, 1924.
When roof is in 75%
When finished Balance
TOTAL COST, \$1259

Bond, none. Sureties, none. Forfeit,
none. Limit, 30 working days after
Dec. 5, 1924. Plans and specifications
filed.

(Correction in Owner's Name.)

GARAGE
(6404) N 7TH ST., 70 W KIRKHAM
St., Oakland. One-story brick gar-
age.

Owner—G. McMillinney, 805 Syndicate
Bldg., Oakland.
Architect—None.
Contractor—C. A. Muller, 805 Syndicate
Bldg., Oakland. \$7000

DWELLING
(6406) 2431 MCKINLEY, Berkeley.
1-story 5-room dwelling.
Owner—E. Sheline, Grove St., Oak-
land.
Architect—None.
Contractor—W. Pearson, 2403 Grant
St., Berkeley. \$2200

DWELLING
(6407) 1553 OREGON ST., Berkeley.
1-story 6-room stucco dwelling.
Owner—F. Reeder, 2816 California St.,
Berkeley.
Architect—None. \$3000

DWELLING
(6408) 1234 RUSSELL ST., Berkeley.
1-story 5-room dwelling.
Owner—W. H. Lloyd Perry, 376 Santa Clara
Ave., Oakland.
Architect—None. \$2500

DWELLING & GARAGE
(6409) 674 TRESTLE GLEN ROAD,
Oakland. Two-story 6-room dwlg.
and garage.
Owner—F. L. Woodburn, 1143 The Ala-
meda, Berkeley.
Architect—None. \$6250

DWELLING
(6410) 2446 BARTLETT ST., OAK-
LAND. One-story 6-room dwelling
Owner—J. W. Weiss, 76 8th St., Oak-
land.
Architect—None.
Contractor—W. E. Rushing, 1001 Chan-
ning Way, Berkeley. \$3000

DWELLING
(6411) 799 MANDANA BLVD., OAK-
LAND. One-story 6-room dwlg.
Owner—F. G. Taten, 5237 Miles Ave.,
Oakland.
Architect—None. \$5000

DWELLING
(6412) 797 MANDANA BLVD., OAK-
LAND. One-story 6-room dwlg.
Owner—Joseph Gilman, 523 52nd St.,
Oakland.
Architect—None.
Contractor—F. G. Taten, 5237 Miles Av.
Oakland. \$5000

DWELLING
(6413) 1084 TRESTLE GLEN ROAD
Oakland. One-story 6-room dwlg.
Owner—Morgensen Bros., 5664 Broad-
way, Oakland.
Architect—None. \$5000

STORES
(6414) 6530 & 6514 TELEGRAPH AV.
Oakland. One-story stores.
Owner—Jas. W. Houson, 2915 Regent
St., Berkeley.
Architect—None.
Contractor—J. B. Petersen, 2053 38th
Ave., Oakland. \$3700

DWELLING
(6415) NE COR. SUNNYSIDE & 107TH
Ave., Oakland. One-story 4-room
dwelling.

Owner—J. J. Early, San Francisco.
Architect—None.
Contractor—E. W. Griffith, 1323 96th
Ave., Oakland. \$2150

DWELLING
(6416) 726 47TH ST., OAKLAND. One-
story 5-room dwelling.
Owner—Antonio Checke, 820 47th St.,
Oakland.
Architect—None.
Contractor—E. W. Benassini, 5239 Boyd
Ave., Oakland. \$3600

DWELLINGS (2)
(6417) 1134 & 1138 87TH AVE., OAK-
LAND. Two 1-story 4-room dwigs.
Owner—Ellen Woodsun, 1149 87th Ave.
Oakland.
Architect—None.
Contractor—Geo. E. Woodsun, 1149 87th
Ave., Oakland. \$1500 each

DWELLING
(6418) NE 26TH ST. 250 W 21ST AV.,
Oakland. One-story 4-room dwlg.
Owner—F. F. Bacon, 414 15th St., Oak-
land.
Architect—None.
Contractor—L. M. Sims, 414 15th St.,
Oakland. \$2100

DWELLING
(6419) 3856 LYMAN ROAD, OAK-
LAND. One-story 5-room dwelling.
Owner—J. Johnson, 2101 Mitchell St.,
Oakland.
Architect—None.
Contractor—Fred Johnson, 2101 Mit-
chell St., Oakland. \$2500

DWELLING
(6420) 2537 32ND AVE., OAKLAND.
One-story 6-room dwelling.
Owner—H. J. Nicholas, 7710 Foothill
Blvd., Oakland.
Architect—None. \$2500

(6421) 5866 BROOKSIDE AVE., OAK-
LAND. 5424 Carleton Ave., Oakland.
Two 1-story 6-room dwigs.
Owner—H. C. Pfrang, 5859 Ocean View
Ave., Oakland.
Architect—None. \$6000 ea.

RESIDENCE
(6422) LOT 39 MAP OF CHABOLYN
Terrace (5660 Chabolyn Terrace),
Oakland. General construction on
1-story and basement frame resi-
dence.

Owner—Bruno Feldhammer, 1428 Grove
St., Berkeley.
Architect—Plans furnished by owner.
Contractor—Conrad Roth, Dublin Blvd.
Haywards.

Filed Dec. 9, 1924. Dated Dec. 6, 1924.
When frame is up 25%
When brown coated inside and
first coat outside 25%
When completed 25%
Usual 35 days 25%
TOTAL COST, \$4750

Bond, none. Sureties, none. Forfeit,
none. Limit, 30 working days after
Dec. 8, 1924. Plans and specifications
filed.

NOTE—Permit applied for today.

FIREHOUSE
(6423) S SIDE OF VIRGINIA ST. 150'
W of Le Roy Ave., Berkeley. Gen-
eral construction on hollow tile &
plaster walls firehouse.

Owner—City of Berkeley.
Architect—H. Ratchiffe, Jr., Mer-
cantile Trust Co. Bldg., Berkeley.
Contractor—David Nordstrom, 4146
Emerald St. Oakland, Cal.

Filed Dec. 9, 1924. Dated Dec. 3, 1924.
Each 30 days on labor and ma-
terials incorporated a basis of 75%
35 days after acceptance, remain-
ing 25%
Bonds, \$2446.75 & \$4893.50. Sureties,
Continental Casualty Co. Forfeit,
none. Limit, 85 days from date of
contract. Plans and specifications filed.

DWELLING
(6424) 1316 ADDISON ST., Berkeley.
1-story 4-room dwelling.
Owner—Robert Wilson, 1201 Bancroft
Way, Berkeley.
Architect—None. \$1930

DWELLING
(6425) 625 COLUSA, Berkeley. 1-story
8-room stucco dwelling.
Owner—Solomoa Bros., 2612 Mathews
St., Berkeley.
Architect—None. \$3500

DWELLING
(6424) 1234 CORNELL AVE., Berkeley
1-story 3-room dwelling.
Owner—C. Fisher, 2511 Telegraph Ave.
Berkeley.
Architect—E. Hiteman, 1217 Cornell
Ave., Berkeley. \$1200

DWELLING
(6427) 2343 JEFFERSON ST., Berke-
ley. 1-story 5-room dwelling.
Owner—J. Straus, 2402 Roosevelt Ave.
Berkeley.
Architect—None. \$3500

DWELLING
(6428) 1616 UNION STREET, Alameda
1-story 4-room dwelling.
Owner—H. G. Mehtrens, 1536 Webster
Street, Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thomp-
son Ave., Alameda. \$3000

DWELLING
(6429) 1627 UNION STREET, Alameda
1-story 4-room dwelling.
Owner—H. G. Mehtrens, 1536 Webster
St., Alameda.
Architect—None.
Contractor—A. J. Thiele, 3221 Thomp-
son Ave., Alameda. \$2800

DWELLING
(6430) 716 PACIFIC AVENUE, Ala-
meda. 1-story 6-room dwelling.
Owner—J. B. Rosenthal, 1801 Ninth St.,
Alameda.
Architect—None.
Contractor—J. S. Nelson, 1632 Delaware
St., Berkeley. \$3500

DWELLING
(6431) 2136 CLINTON AVE., Alameda.
1-story 2 & 4 room dwelling.
Owner—Edw. Kietzken, 2138 Clifton
Avenue, Alameda.
Architect—None. \$5000

DWELLING
(6432) E TELEGRAPH AVE., 500 N
56th St., Oakland. One-story 4-
room dwlg.
Owner—Dr. Al. Soares, 442 48th Street,
Oakland.
Architect—None.
Contractor—A. W. Almquist, 2701 13th
Ave., Oakland. \$1200

DWELLING
(6433) 2580 99TH AVE., OAKLAND.
One-story 3-room dwelling.
Owner—H. Busch, 272 6th St., San
Francisco.
Architect—None.
Contractor—Bell & Son, 693 Jean St.,
Oakland. \$2500

(6434) 2907 MADELINE ST., OAK-
LAND. One-story 4-room dwelling.
Owner—J. L. Leeper, 2567 Mountain
Ave., Oakland.
Architect—None. \$2500

DWELLING
(6435) 1439 86TH AVE., OAKLAND.
One-story 3-room dwelling.
Owner—Louisa Kellner, 86th Avenue,
Oakland.
Architect—None.
Contractor—Theo. Bruck, 1236 40th
Ave., Oakland. \$1158

ALTERATIONS & ADDITIONS
(6436) 1833 40TH AVE., OAKLAND.
Alterations and additions.
Owner—G. B. Hughes, 1833 40th Ave.,
Oakland.
Architect—None. \$2900

STORES
(6437) 1377-79 HOPKINS ST., OAK-
LAND. One-story stores.
Owner—Jas. Silva, 1377 Hopkins Street
Oakland.
Architect—L. F. Hyde, 372 Hanover
Ave., Oakland. \$3500

DWELLING
(6438) 6626 FOOTHILL BLVD., OAK-
LAND. One-story 4-room dwelling.
Owner—Chas. A. Gibson, Oakland.
Architect—None.
Contractor—J. F. Patterson, 2001 68th
Ave., Oakland. \$3000

DWELLING
(6439) 2723 99TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—W. S. Dison, Oakland.
Architect—None.
Contractor—C. A. Farnell, Jr., 2681
Fruitvale Ave., Oakland. \$3000

DWELLINGS & GARAGES (2)
(6440) 2636-42 HOLKINS ST., OAK-
land Two 1-story 5-room dwlgs.
and garages.
Owner—A. H. Seemboe, 414 7th Street,
Oakland.
Architect—None. \$4350 ea.

DWELLINGS & GARAGES (2)
(6441) 2680-86 66TH AVE., OAKLAND
Two 1-story 5-room dwellings and
bathrooms.
Owner—W. F. Garratt, 1535 68th Ave.,
Oakland.
Architect—None.
Contractor—Wm. Wolfe, 128 13th St.,
Oakland. \$3150 each

ALTERATIONS
(6442) 1445 TO 61 1ST AVE., OAK-
land. Alterations to apartments.
Owner—Spilker & Bresch, 280 Bacon
Bldg., Oakland.
Architect—None.
Contractor—Frank Critchett, 139 Grand
Ave., Oakland. \$10,000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded
Dec. 3, 1924—COM. AT A PT. ON W
line of San Pablo Ave. 125 S of
University Ave thence W 132.81 ft
S 80° E 132.82 N 50 to pt. of beg.
Oakland G. A. Matten to Walter
Sorenson. Nov. 29, 1924

Dec. 3, 1924—NO. 4118 E-SEVEN-
teenth St., Oakland. Richmond &
Wilmore to whom it may concern.
Dec. 1, 1924

Dec. 3, 1924—S 1/4 OF LOT 7 & ALL
Lot 8 Blk 13 Solano Ave. Terrace,
Berkeley. Gwendoline M. Ralston
to J. J. Ralston. Dec. 2, 1924

Dec. 3, 1924—PORT LOT 44 & PORT
map of ptn. Blk 3 Teachers State
University Homestead. Joseph B.
and Mary L. Smith to whom it may
concern. Nov. 25, 1924

Dec. 3, 1924—LOT 132 MAP OF FREMONT
Tract, Oakland. Sarah R.
Howard to Clarke & Warren. Dec. 3, 1924

Dec. 2, 1924—PORT LOT 44 & PORT
Lot 154 also port Lot 44 and all
lot 155, Blk 21, Havenscourt, Oak-
land. F. E. Patterson to whom it
may concern. Nov. 28, 1924

Dec. 4, 1924—LOTS 19-20-21, 1924
Map of Central Terrace, Brooklyn
Twp. Fred L. Larsen to whom it
may concern. Dec. 4, 1924

Dec. 4, 1924—LOCATION NOT GIVEN
S. C. & C. E. Reid to H. S. Fore-
man. Dec. 1, 1924

Dec. 4, 1924—LOT 11 BLK 2 EAST-
lawn, Oakland. Abbie L. Valley to
H. S. Foreman. Nov. 20, 1924

Dec. 4, 1924—POR. LOT 2 BLK. B
Lake Tract, Oakland. Lewis Gra-
ham to whom it may concern. Nov. 20, 1924

Dec. 1, 1924—POR. LOTS 3 & 4 BLK.
B Locke Tract, Oakland. Lewis
Graham to whom it may concern.
Nov. 28, 1924

Dec. 4, 1924—POR. LOT 2 BLK. B
Locke Tract, Oakland. Lewis Gra-
ham to whom it may concern. Nov. 26, 1924

Dec. 4, 1924—LOTS 29 & 30 BLK. 3
Berkeley Heights, Berkeley. Mar-
jetta C. Mastick to Berkeley Bldg.
Co. Dec. 2, 1924

Dec. 4, 1924—LOT 117 MAP OF OAK
Park Tract, Oakland. William
Kraw to L. Shils. Dec. 3, 1924

Dec. 1, 1924—LOT 23 BLK. 1442-7
Amended Butler Tract, Oakland.
Henry Druce to Moore & Fisher.
Dec. 3, 1924

Dec. 4, 1924—357 VENTURA AVE.
John O. Weston to whom it may
concern. Dec. 3, 1924

Dec. 4, 1924—1515 EDGEWOOD ST.,
Oakland. G. A. Reimers to whom
it may concern. Dec. 2, 1924

Dec. 3, 1924—LOT 5 & POR. LOT 4
Blk. 14 Map of Havenscourt Tract,
Oakland. Cornelius Hansen to
whom it may concern. Dec. 1, 1924

Dec. 3, 1924—BEG. AT A PT. ON SE
line of Versailles Ave. dist. 400.93
ft. S of San Jose Ave. thence N
67° E 77.02 ft. S 28° W 77.02 ft. to
pt. of beg. Josephine C. Davis to
whom it may concern. Dec. 3, 1924

Dec. 3, 1924—3007 58TH AVENUE.
C. L. Benjergades to whom it may
concern. Dec. 3, 1924

Dec. 2, 1924—GAS STATION B. OAK-
land. Pacific Gas & Electric Co.
to Steel Tank & Pipe Co. Nov. 26, 1924

Dec. 2, 1924—LOT 6 & POR. LOT 7
Blk. 4 Map of Martin E. Kellogg
Property, Berkeley. Martha E.
Stanley M., Ruth G., Philip S. Per-
sons & Dorothy P. Babel to Som-
mstrom Bros. Co., Inc. Nov. 24, 1924

Dec. 5, 1924—1279 W. WASHINGTON
Ave., San Leandro. Sam Vlahos
to J. F. Kayser Co. Nov. 13, '24

Dec. 5, 1924—1121 SPRUCE ST.,
Berkeley. L. S. Levy to Harry C.
Knight. Dec. 5, 1924

Dec. 5, 1924—NW COR. HOBART AND
Webster Sts., Oakland. The Build-
ers Exchange Holding Corp. to
Herrick Iron Works, Inc. Dec. 3, 1924

Dec. 5, 1924—SW 1 FT. OF LOT 6,
all of Lot 7 and NE 13 ft. of Lot 8
Blk. A. Map of Resub. of High St.
Village Tract, Brooklyn Twp. Rob-
ert W. Murphy to L. Zwaal. Nov. 28, 1924

Dec. 5, 1924—LOT 9, BLK. 3, MAP
Lakeview Oakland. O. F. Ahndu
to whom it may concern. Dec. 2, 1924

Dec. 4, 1924—LOT 11 GALINDO
Tract, Oakland. John T. Miller to
whom it may concern. Dec. 4, 1924

Dec. 5, 1924—LOT 1, BLK. 2, Amend-
ed map of thousand and one acre
Tract, Davis E. Gray to The Roy O.
Long Co. Dec. 3, 1924

Dec. 5, 1924—SW 14 FT. OF LOT 8
and all Lot 5, Blk. A. Map of Re-
sub. of High St. Village Tract, Brook-
lyn Twp. Robert W. Murphy to L.
Zwaal. Nov. 28, 1924

Dec. 5, 1924—LOT 263 AND NE 12%
of Lot 262 Map of Stone Orchard,
Oakland. Ernest Mosca to whom it
may concern. Dec. 3, 1924

Dec. 5, 1924—LOT 19 AND PTN.
Lot 200, Stone Orchard Tract, Oak-
land. H. F. Elliott to whom it
may concern. Dec. 3, 1924

Dec. 5, 1924—POR. LOT 10, BLK. A.
Map of Fourth Ave. Terrace, Oak-
land. Sprague B. and Zoe H. Wy-
man to Geo. P. Guyot. Dec. 6, 1924

Dec. 5, 1924—1608, 1609, 1602,
Webster St., Oakland. Business
Womens Holding Co. to Barr & Son
Dec. 2, 1924

Dec. 6, 1924—COM. AT A PT. ON NE
line of Foothill Blvd. dist. thereon
BE 819.97 ft. from SE line of Juno
St. running thence N 54 deg. 53 min
30 sec. E 100 ft. to a pt. of com-
mencement of the land herein de-
scribed, thence N 54 deg. 53 min
30 sec. SW 33.33 ft. NW 100 ft. to point
of beg. Oakland. John Tell to
whom it may concern. Dec. 4, 1924

Dec. 6, 1924—NO. 821 INDIAN ROCK
Ave., Berkeley. M. B. Dutton to J.
Harry Smith. Dec. 6, 1924

Dec. 6, 1924—LOT 14 BLK 24 MAP
of Lakeshore Tract Adams Point
Tract, Oakland. John Tell to
Gilbert Lockwood to James L. Rich-
ard. Dec. 1, 1924

Dec. 5, 1924—LOT 14 MAP THORN-
hill Park, Oakland. Violet K. Floyd
to C. H. Thrams. Dec. 1, 1924

Dec. 5, 1924—NO. 1563 SEVENTY-
eighth Ave., Oakland. L. E. Brauer
to whom it may concern. Dec. 1, 1924

Dec. 6, 1924—LOT 45 FORTY-
Blk. 15 Northbrae, Berkeley. Albert
Hammarberg to whom it may con-
cern. Dec. 4, 1924

Dec. 6, 1924—NO. 1738 FRANCISCO
St., Berkeley. Matvey O. Gerasimov
to Arthur Le Roy Blethroad to Arthur
Le Roy Blethroad. Dec. 1, 1924

Dec. 6, 1924—LOT 70 BLK D LAKE-
shore Tract, Oakland. H. B. Ness
to whom it may concern. Dec. 1, 1924

Dec. 6, 1924—NO. 1561 THIRTY-
fourth Ave., Oakland. Robert P.
Harding to F. J. Bold. Nov. 15, 1924

Dec. 6, 1924—LOT 18 BLK 20 LAKE-
shore Terrace, Oakland. S. O.
Holmes to H. Garanson. Dec. 6, 1924

Dec. 6, 1924—LOT 38 BLK 6 MAP OF
Resub. of N. C. Cragmont, George
Blick to whom it may concern. Dec. 5, 1924

Dec. 8, 1924—NW COR. 100TH AVE.
and Longfellow, Oakland. Wm. S.
Gagion to Wm. S. Gagion. Dec. 1, 1924

Dec. 8, 1924—SO. 1/4 OF LOT 2 BLK
328 Dutton Manor. Bertha James
to J. P. White. Dec. 8, 1924

Dec. 8, 1924—N 1/4 OF 11th AVENUE
to Third St. 40 W. of 11th Avenue
Oakland. Wesley J. Coffey to O. F.
Lyons. Dec. 8, 1924

Dec. 8, 1924—POR. LOTS 25 & 26
Blk. 3 Havenscourt, Oakland. Jos-

eph and Mary Flittner to whom
it may concern. Dec. 8, 1924

Dec. 6, 1924—905 NEILSON STREET
Berkeley. I. J. McCullough to
whom it may concern. Dec. 6, 1924

Dec. 6, 1924—COM. AT A PT. ON NE
line of Foothill Blvd. dist. SE 819.97
ft. from SE line of Juno St. thence
N 54 deg. 53 min. 30 sec. E 166.66
ft. to pt. of commencement of the
land herein described, thence NE
33.34 ft. SE 100 ft. SW 33.34 ft. N
W 100 ft. to pt. of beg. Oakland.
John Tell to whom it may concern.
Dec. 6, 1924

Dec. 6, 1924—COM. AT A PT. ON NE
line of Fruitvale Blvd. dist. 819.97
ft. from SE line of Juno St. run-
ning thence N 54 deg. 53' E 133-33
ft. to a pt. of commencement of the
land herein described, thence NE
33-33 ft. SE 100 ft. SW 33-33 ft. NW
100 ft. to pt. of beg. Oakland.
John Tell to whom it may con-
cern. Dec. 6, 1924

Dec. 8, 1924—LOT 3, MAP OF MAD-
ison Square, Oakland. James B.
Peterson to J. E. Peterson. Dec. 1, '24

Dec. 8, 1924—COM. AT A PT. ON NE
line of Highland Park Terrace, Oakland.
Thomas J. Bartlett to whom it may
concern. Dec. 7, 1924

Dec. 8, 1924—W 33 1/2 FT. OF LOT 10
Blk. 4 Daley's Scenic Park, Berke-
ley. W. Gus Smith to C. C. Lewis
Dec. 8, 1924

Dec. 8, 1924—LOT 8, BLK. 25, Mel-
rose Heights, Oakland. Geo. P.
Mann to whom it may concern. Dec. 9, 1924

Dec. 8, 1924—LOT 2, BLK. D, MILLS
Garden, Oakland. O. W. and Alma
Nittler to N. Nittler. Att. given
Dec. 9, 1924—NW COR. 12TH
Alice St., Oakland. Associated Oil
Co. to G. and M. Concrete Co. Dec. 2, 1924

Dec. 9, 1924—LOT 53, BLK. 2, 1924
Cragmont, Berkeley. Margaret H.
E. Colmore to D. Condon. Dec. 1, '24

Dec. 9, 1924—LOT 10, BLK. 6, MAP
of the Shaw Tract, Berkeley. P. E.
Weymouth to E. A. Weymouth. Dec. 6, 1924

Dec. 9, 1924—N 20' OF LOT 12 AND
S 20' OF LOT 13, Blk. 4, Map of
Solano Avenue Terrace, Berkeley.
John W. Koehler to Designers and
Builders Corp. Dec. 8, 1924

Dec. 8, 1924—LOT 11 AND POR. LOT
12, Blk. 26, Amended Map of Har-
escourt, Oakland. Joseph and
Mary Flittner to whom it may con-
cern. Dec. 8, 1924

Dec. 8, 1924—POR. LOT 24, Amended
Map of the Rhoda Tract, Brooklyn
Twp. Joseph and Mary Flittner to
whom it may concern. Dec. 4, 1924

Dec. 5, 1924—4100, 4102, TOMPKINS
Ave., Oakland. C. Wm. E. Sand
to whom it may concern. Nov. 5, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Dec. 4, 1924—LOT 7B, BLK. 1, MEL-
rose Acres, Oakland. J. A. Mc-
Keever vs. Susie A. McMath & A.
M. McKee. \$162.50

Dec. 4, 1924—POR. LOT 10, BLK. 4
Map of Fourth Ave. Terrace, Oakland.
Concealo Fixture Co. vs. Kathleen
Miller. \$97

Dec. 4, 1924—LOT 13, BLK. 1, MAP
of Eastern Portion of Lynn Home-
stead, Oakland. M. P. Amaro
(Huffman Roofing Co.) vs. Cillia
Huffman & Harry Parsons. \$57

Dec. 4, 1924—LOT 23 BLK. 1, MAP
of Fourth Ave. Terrace, Oakland.
A. Severy vs. Mrs. K. Miller &
Lew Dutton. \$161.45

Dec. 4, 1924—LOT 13, BLK. 1, MAP
of Fourth Ave. Terrace, Oakland.
A. Severy vs. Mrs. K. Miller &
Lew Dutton. \$247.95

Dec. 4, 1924—LOT 2, BLK. 1, MAP
of Fourth Ave. Terrace, Oakland.
Smith Hardware Co. vs. Kathleen
Miller, L. Dutton and John Doe
Dutton. \$127.15

Dec. 4, 1924—LOT 13, BLK. 1, MAP
of Fourth Ave. Terrace, Oakland.
Western Door & Sash Co. vs. Kath-
leen Miller, L. Dutton and John
Doe Simon. \$241.71

Dec. 5, 1924—LOT 23, BLK. 1, MAP
of Fourth Ave. Terrace, Oakland.
Western Door & Sash Co. vs. Kath-
leen Miller, L. Dutton and John
Doe Simon. \$306.25

The Lewis Co., 145 W-Santa Clara St., San Jose; architect, M. W. Bruce; contractor, W. A. McDaniel 542 S-Eighth St., San Jose.

Recorded	Amount
Dec. 8, 1924—LOT 8, BLK. 17, Daley's Scenic Park, Berkeley, C. H. Jensen (Berkeley Sheet Metal Works)	
to B. R. Brown.	\$44.75
Dec. 8, 1924—LOT 8, LK. 17, Daley's Scenic Park, Oakland, Santa Rosa Lumber Co. (Valley Builders Supply Co.) to B. R. Brown and S. F. Builders, Inc.	\$52.65
Dec. 8, 1924—LOT 8, LK. 17, Daley's Scenic Park, Berkeley, Sunset Hardware Co. to Bernard Roy and	

RESIDENCE, 5-room, \$2500; Thirty-third St. near Santa Clara, San Jose, owner, H. W. Sampson, Box 181 Rt. 2, R. F. D., San Jose.
SCHOOL, Junior High, \$200,000, Santa Clara and 21st Sts., San Jose; owner, San Jose School Department; architect, W. H. Weeks, 369 Pine St., San Francisco; contractor, F. T. Edmans, 76 W. San Antonio St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded
Nov. 25, 1924—N HIGH ST., between University and Lytton Aves., being Nos. 411, 415, 419 High St., Palo Alto. Mrs. A. L. Byxbee and Mrs. S. L. Jackson to Weiss F. Goodenough & Co., Inc., Dec. 4, 1924.
Dec. 4, 1924—ALL LOT 4, except SW 5 ft. thereof, BLK 5, Palo Alto. Nellie B Gardiner to Bertsche & Briggs, Dec. 4, 1924.
Dec. 4, 1924—E 40 FT. OF LOT BLK 14 East San Jose Homestead Assn. A M Elliott to whom it may concern, Dec. 1, 1924.
Dec. 4, 1924—10 ACRES, SAN ANTONIO Road, part of Sec. 18 Tsp 6 S R 2 W, San Jose. H C Lunt to The Minton Co., Nov. 29, 1924.
Dec. 4, 1924—ALL THAT PTN LOT 9 BLK 1, Mt. Hamilton View Park, lying E of N Prolongation of W line Lot 9, San Jose. Real Estate Subdivision Co. to whom it may concern, Dec. 4, 1924.
Dec. 4, 1924—LOT BLK 3 Mt. Hamilton View Park, San Jose. Real Estate Subdivision Co. to whom it may concern, Dec. 4, 1924.
Dec. 4, 1924—PTN LOT 46 BLK 1, Burrell Park, San Jose. Edward L Chaple to whom it may concern, Dec. 4, 1924.
Dec. 4, 1924—SW FULTON ST. 150 ft. SE Lincoln SE on Fulton 50 ft. by 112 1/2 ft. to beg Ptn Blk 94, Palo Alto. John Duffield to whom it may concern, Dec. 4, 1924.
Dec. 4, 1924—SW FULTON ST. 100 ft. SE Lincoln SE on Fulton 50 x 112 1/2 ft. to beg Ptn Blk 94, Palo Alto. John Duffield to whom it may concern, Dec. 4, 1924.
Dec. 8, 1924—15.13 ACRES on Dry Creek and San Felipe Road Pt Rcho Gerba Buena Y Socayre, Edwin E Richards to whom it may concern, Dec. 6, 1924.

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Dec. 6, 1924—PTN LOT 7 BLK 3 Prevost Addn, San Jose. Hubbard & Carmichael Bros vs Jerome Garza, Dec. 6, 1924. \$711.73
Dec. 8, 1924—NW UNIVERSITY AVE 200 ft. SW Seneca SW 75x200 to beg Pt Blk 51, Palo Alto. Everett B Crandall vs Anna R Sheldon, Dec. 6, 1924. \$43

BUILDING CONTRACTS

SACRAMENTO COUNTY

N 1/2 OF LOT 1 I J 20 21, Sacramento. All work for garage.
Owner—M. J. Abaniss, 1708 K St., Sacramento.
Architect—None.
Contractor—Chas. S. Mabrey Company, Ochsner Bldg., Sacramento.
Filed Dec. 3, 1924. Dated Nov. 26, 1924.
Payments not given.
TOTAL COST, \$10,400
Bond, Forfeit, Limit, Plans and specifications, none.
GARAGE
SOUTH PORTION OF S 80 FT OF LOTS 5 & 6 Q R 14 15, Sacramento. All work for garage.
Owner—Perfection Bread Co., 14th cor. R, Sacramento.
Architect—None.
Contractor—Wm. C. Keating, 925 Forum Bldg., Sacramento.

Filed Dec. 8, 1924. Dated Dec. 6, 1924.
Payments not given.
TOTAL COST, \$18,966
Bond, Forfeit, Limit, Plans and Specifications filed.

DWELLING, 5-room and garage, \$4250 657 51st, Sacramento; owner, L. A. Fracals, 4601 F, Sacramento; contractor, Davies & Rugg, 3200 S, Sacramento.
DWELLING, 5-room, and garage, \$3000 4225 2nd Ave., Sacramento; owner, Mrs. A. Rose, 2617 U, Sacramento.
DWELLING and garage, \$7000; 4049 Miller Way, Sacramento; owner, Dale & Green; contractor, J. P. Ondyke, 1003 7th Ave., Sacramento.
DWELLING and garage, 6-room, \$5500 3235 I, Sacramento; owner, E. Tabor, 31st and G, Sacramento; contractor, J. A. Saunders, 2810 I, Sacramento.
DWELLING, 4-room and garage, \$3500; 2724 16th, Sacramento; owner, E. J. Reida, 1010 11th, Sacramento.
DWELLING, 5-room and garage, \$3000 2501 T, Sacramento; owner, F. Lopez, 2415 17th, Sacramento.
HOTEL, 735-room, \$40,000; 510-508 L, Sacramento; owner, Salvation Army, 115 K, Sacramento.
DWELLING, 5-room, and garage, \$3000 553 36th, Sacramento; owner, E. A. Carum, 2533 Portola Way, Sacramento.
DWELLING and garage, 5-room, \$3000; 544 36th, Sacramento; owner, E. A. Carum.
DWELLING, 5-room, and garage, \$2400 2047 34th, Sacramento; owner, C. Brehm, 2101, 34th, Sacramento.
DWELLING, 4-room, and garage, \$2100; DWELLING, 4-room and garage, \$1200; No. 3500 12th Ave., Sacramento; owner, W. T. May, 1300 36th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Dec. 2, 1924—S 40 FT OF N 240 FT Lot 1915 Park Terrace, Wm T Martin to whom it may concern, Dec. 2, 1924.
Dec. 5, 1924—W 1/2 LOT 7 F, G 28th and 29th Sts., Sacramento; Marie L Edel to whom it may concern, Nov. 29, 1924.
Dec. 4, 1924—S 80 FT LOT 1936 W & K Tract 24, George O. Barnes to whom it may concern, Dec. 4, 1924.
Dec. 8, 1924—REA BET SECOND and 6th, I and S. P. Co.'s main tracks. W. A. Falconer to whom it may concern, Nov. 30, 1924.

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Dec. 4, 1924—LOT 1809 ELMHURST Sacramento. A. Sutherland vs Harvery Openshaw, Dec. 4, 1924. \$62
Dec. 6, 1924—E 1/2 LOT 9 10 Owners Plumbing & Heating Co. vs Mrs. E. C. Tullock, & G. Ernst and Frank Davis, Dec. 6, 1924. \$15.05
Dec. 6, 1924—E 1/2 LOT 9 10 Owners Plumbing & Heating Co. vs W. E. Blackwell, C. F. Ross, Nora J. and John J. Ryan, Dec. 6, 1924. \$453.71
Dec. 8, 1924—S 1/2 OF N 1/2 LOT 3 O P 6 7, Sacramento. Tony Brazz vs Joseph Beloglia, Dec. 8, 1924. \$87.60

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Dec. 8, 1924—N 1/4 OF LOT 1 G 9 10. Sac. Tile & Marble Co. vs J. E. Hannah Andressen, Dec. 8, 1924. \$336.80
Dec. 8, 1924—N 1/4 OF LOT 1 G 9 10. W. H. Vogt & Co. vs J. L. Andersson and Hannah (ux), Dec. 8, 1924. \$300

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$4800; 1141 W Willow, Stockton; owner F. P. Dobson, 220 W Harding Way, Stockton.
BUILDING, 1-story brick, 14 ft. North Wilson Way, Stockton; owner, M. Colossi; contractor, Carl Nelson, 421 E Channel, Stockton.
ALTERATIONS, \$1500; 1219 So. Grant, Stockton; owner, H. Harelsen, Stockton; contractor, J. Gill, 204 Hiawatha, Stockton.
SERVICE STATION, \$1000; 1504 N Madison, Stockton; owner, E. E. Albertson, 32 Bank of Italy Bldg., Stockton; contractor, O. C. Ritchey, 1023 N Sutter, Stockton.
DWELLING and garage, \$3200; 75 E Arcade, Stockton; owner, A. E. Williamson, San Juan & W Park Ave., Stockton.
DWELLING and garage, \$5500; 420 No. Central, Stockton; owner, E. W. Doe, care Stockton Lumber Co., Stockton; contractor, J. H. Carpenter.
DWELLING and garage, \$10,000; 435 E Flora, Stockton; owner, G. E. Patterson; contractor, H. H. Henning, 1751 Berkeley, Stockton.
DWELLING and garage, \$6000; Lot 16 Blk 4, Elers Tract, W-Willow St., Stockton; owner, T. H. Williamson, San Juan and W. Park Ave., Stockton.
ALTERATIONS, \$1300; 304 N Grant, Stockton; Geo. E. Ball, 803 Miner, Stockton; contractor, W. D. Stanley.
STORE, \$4500; 701 N Argonaut, Stockton; owner, L. T. Woodward, 445 E Worth St., Stockton; contractor, R. G. Polson, 908 San Jose, Stockton.
DWELLING and garage, \$5500; 1201 Harding Way, Stockton; owner, F. W. Tain, 1502 So. San Joaquin, Stockton; contractor, A. E. Gold-Smith, 1007 Venal Way, Stockton.
DWELLING and garage, \$3000; 1760 W Acacia, Stockton; owner, M. M. Streeter, 2313 Alma, Stockton; contractor, W. J. Mattingly, Rt 1 Bx 52cc, Stockton.
DWELLING and garage, \$6000; 465 Bristol Way, Stockton; owner, V. B. Anderson; contractor, C. Moore, Stockton.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-sto., frame \$3500; W 11th bet. Bissell and Chanslor, Richmond; owner, H. C. Kasten, 147 Colridge St., Stockton; contractor, N. E. Anderson, 1225 Roosevelt, Richmond.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Dec. 6, 1924—LOTS 2 & 4 IN BLOCK 7 map of the property of Stockton Homestead Association. W. E. French and J. E. Lease, copartners doing business under the name and style of Stockton Mill and Wrecking Co., vs D. C. Stone and wife, \$350

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec. 4, 1924—LOT 10 BLK 1, Lake Park, Stockton. Carl F Anderson to Carl F Anderson, Nov. 29, 1924
Dec. 5, 1924—LOT 31 Map of Parker Acres, being subdivision of portion of W 1/2 of Section 21, Twp 2 S R 5 E, Stockton. Claud J Frerichs to C C Elkenberg, Nov. 25, 1924
Dec. 5, 1924—LOT 15 BLK 14, Lake Park addn known as No. 1251 West Elm St., Stockton. A M Tunnell to whom it may concern, Dec. 4, 1924

BUILDING CONTRACTS

FRESNO COUNTY

SCHOOL
 PINEDALE, Fresno Co., Cal. Wiring for school building.
 Owner—Pinedale School Dist., Pinedale Calif.
 Architect—None.
 Contractor—Jolly & Jolly, 547 Echo, Fresno.
 Filed Dec. 4, 1924. Dated Sept. 6, 1924.
 TOTAL COST, \$1200.
 Bond, Forfeit, Limit, Plans and specifications, none.

PAINTING
 AT PUMPING STATIONS IN CALIF.
 All work for painting 33 cottages.
 Owner—Associated Pipe Line Co., 513 Patterson Bldg., Fresno.
 Architect—None.
 Contractor—Harvey E. Miller, 1065 Michigan St., Fresno.
 Filed Dec. 9, 24. Dated _____.
 TOTAL COST, \$19,825.
 Bond, \$_____. Surety, Fidelity & Casualty Co. of New York. Limit, forfeit, plans and specifications, none.

DWELLING, \$11,500; No. 603 Home Ave., Fresno; owner, Ben Kaufmann, 3448 Huntington Blvd., Fresno; contractor, S. L. Allen, 530 Forchcamp St., Fresno.
 DWELLING, \$2600; No. 2925 Belmont Ave., Fresno; owner, Earl Green, 2331 Belmont St., Fresno; contractor, J. B. Iverson.
 DWELLING, \$3250; No. 3636 Verrue Ave., Fresno; owner, E. R. Morris, 312 Shasta St., Fresno.
 ALTERATIONS, \$1000; 1140 N Van Ness Ave., Fresno; owner, O'Clair and Brown, 458 Theta, Fresno; contractor, Edw. L. Soule, 320 Santa Fe, Fresno.
 SERVICE STATION, \$2000; 285 Fresno St., Fresno; owner, J. P. Cackler, 482 Howard, Fresno; contractor, Edw. L. Soule 320 Santa Fe, Fresno

COMPLETION NOTICES

FRESNO COUNTY

Recorded
 Dec. 6, 1924—LOTS 23, 24 BLK 7 High Add. H. E. Guyann to whom it may concern. Dec. 5, 1924
 Dec. 6, 1924—LOT 10 BLK 7 ALTA Vista Tract. John W. McLennahan to whom it may concern. Dec. 4, 1924
 Dec. 6, 1924—1117 H STREET, Fresno. Jesse Ruiz to Joe Lo Forti. Dec. 5, 1924
 Dec. 6, 1924—LOT 110 MONTPELIER Tract. City of Fresno School Dist. to Shorb & Neads. Nov. 29, 1924
 Dec. 4, 1924—1126 FULTON STREET, Fresno. S. H. Kress & Co. to E. J. Farr. Nov. 28, 1924
 Dec. 4, 1924—1126 FULTON STREET, Fresno. S. H. Kress & Co. to Fresno Showcase & Fixture Co. Nov. 29, 1924
 Dec. 5, 1924—PACIFIC SOUTHWEST Bldg., Fresno. P S W Realty Co. to Fred Willis. Dec. 3, 1924
 Dec. 5, 1924—LOT 5 E 1/2 OF LOT 4 Blk 7 Martin Hts., Fresno. John

Klassen to whom it may concern. Dec. 4, 1924
 Dec. 5, 1924—LOTS 23 & 24 BLK 12 College Park, Fresno. E. J. McK Queen to whom it may concern. Dec. 4, 1924
 Dec. 5, 1924—LOT 28 S 1/2 OF LOT 29 Blk 8 Belmont Hts., Fresno. A. M. Weyrick to whom it may concern. Dec. 4, 1924

LIENS FILED

FRESNO COUNTY

Recorded
 Dec. 6, 1924—SW 1/4 OF SW 1/4 OF NE 1/4, NW 1/4 of N 1/4, of SE 1/4 of Sec. 29, 15-23, H. H. Neufeld \$81; G. H. Quiring \$27; A. H. Neufeld \$54 vs W. T. Kraus and Pete Seher.
 Dec. 6, 1924—LOTS 8 & 9 CRAWFORD Park, Fresno. Rount Lumber Co vs Henry M. Cummings. \$324
 Dec. 9, 1924—LOTS 8 AND 9, Crawford Park Fresno. Bingham Wood Planing Mill vs Henry M. Cummings. \$176

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded
 Dec. 9, 1924—LOTS 11 AND 12 BLK 2 Hollandia Tract Fresno Wm A Beran to whom it may concern. Dec. 5, 1924

BUILDING PERMITS—MILL VALLEY MARIN COUNTY, CALIF.

Month of November, 1924

Following building permits were granted by the Mill Valley Board of Town Trustees during the month of November, 1924:
 Martha Wiser, dwelling, Miller Ave., \$1200.
 Harry Kidd, dwelling, Blithedale, \$3000.
 F. K. Brown, garage, Cottage Ave., \$100.
 M. Leger, dwelling, Sycamore Ave., \$1400.
 Martha Wiser, garage, Miller Ave., \$100.
 J. F. Assin, garage, Sunnyside, \$100.
 M. F. McVeara, office bldg., Madrone St., \$2400.
 Paul Schubert, cabin, Miller Avenue, \$600.
 R. G. Sutherland, garage, Gardner St., \$175.
 John Varney, dwelling, Sunnyside, \$2000.
 B. Costigan, garage, Corte Madera, \$100.
 C. T. Gruenhagen, garage, Moline Ave., \$350.

POTTERY MANUFACTURE IN 1923

The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments engaged in pottery manufacture reported products having a total value of \$114,384,733, an increase of 35.8 per cent as compared with \$84,217,427 in 1921. The values of the leading classes of products and their percentages of increase as compared with 1921 were as follows: White ware (cream colored, white granite, semi-porcelain, and semivitreous porcelain ware), \$39,346,201, an increase of 32.3 per cent; sanitary ware (including bathtubs, wash-tubs, etc., but excluding fittings), \$27,017,675, 75.6 per cent; pottery, electrical supplies, \$21,981,831, 53.4 per cent; hotel china, \$9,753,987; 23.7 per cent.

Of the 312 establishments reporting for 1923, 102 were located in Ohio, 63 in New Jersey, 21 in West Virginia, 20 in Pennsylvania, 17 in Illinois, 14 in California, 11 in New York, 9 each in Indiana and Massachusetts, 6 in Michigan, 5 in Texas, 4 each in Colorado, Maryland, and Tennessee, 3 in Missouri, and the remaining 20 in 16 other states and the District of Columbia.

WALL PLASTER, WALL BOARD AND FLOOR COMPOSITIONS IN 1923

The Department of Commerce announces that, according to reports for the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of wall plaster, wall board, and floor composition in that year reported products valued at \$73,800,539, an increase of 46.9 per cent as compared with \$50,226,758 in 1921, the last preceding census year. The value of the wall plaster produced was \$37,825,158; of wall board, \$20,627,408; of the floor composition, \$3,455,906; and of all other products, such as putty, mortar, plaster lath, blocks, tile, etc. (and also probably including some wall plaster, wall board, and floor composition not specifically reported as such), \$11,892,073.

Of the 196 establishments reporting for 1923, 41 were located in New York, 26 in California, 15 in Ohio, 13 in Michigan, 10 in Pennsylvania, 9 each in Illinois and Iowa, 7 in New Jersey, and the remaining 66 in 27 other States.

An election will be held early in 1925 in the Los Angeles Metropolitan Sewer District to vote bonds to finance construction of a sewer system. In connection with the system present plans call for a three-mile tunnel through the San Pedro Hills and a 7-ft. diameter outfall one-half mile under 60-feet of water. The approximate cost of the system will be between \$12,500,000 and \$14,000,000.

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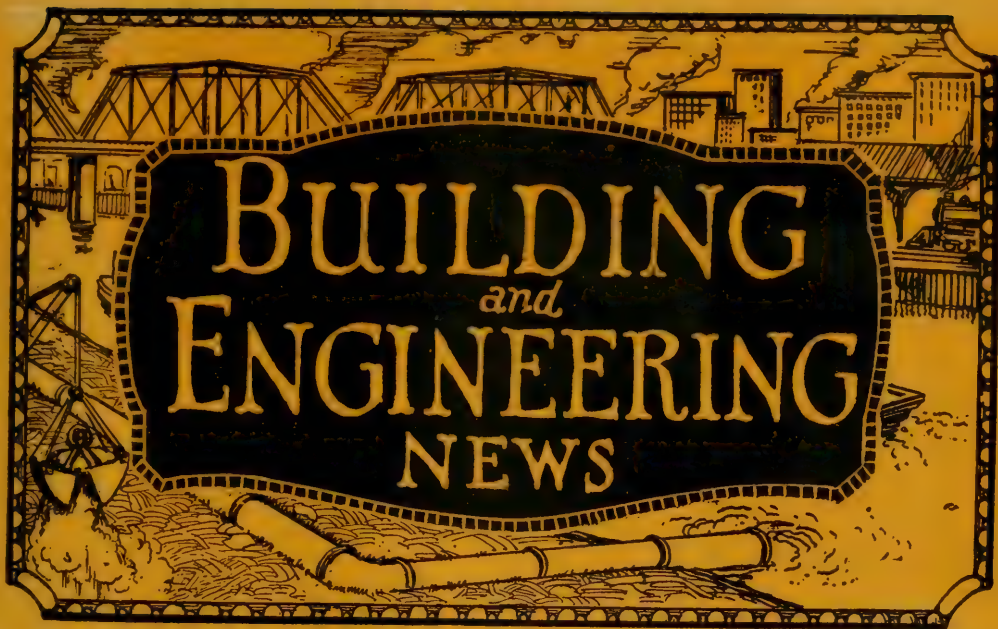
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SAN FRANCISCO, CALIF., DECEMBER 20, 1924

Published Every Saturday
Twenty-fourth Year No. 51

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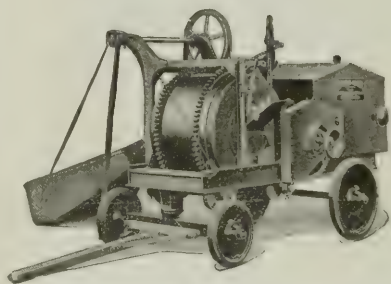
*Appearance
Comfort*

Board

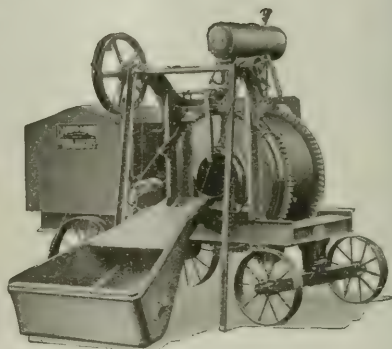
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SAN FRANCISCO

LOS ANGELES

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 20, 1924

Twenty-fourth Year No. 51



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Fresno Builders' Exchange
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PRODUCTION OF LUMBER, LATH, AND SHINGLES IN 1923

The Department of Commerce announces that according to the data collected by the Bureau of the Census in co-operation with the Forest Service, Department of Agriculture, the production of lumber, lath, and shingles in the United States during 1923 was as follows: Lumber, 37,165,540 thousand feet B. M., an increase of 17.7 per cent as compared with 1922; lath, 3,328,013 thousands, an increase of 13.2 per cent; shingles, 7,506,869 thousands, a decrease of 7.7 per cent.

The lumber cut for 1923 in the West Coast States was the largest ever reported, and the total output for the United States was the largest since 1916.

The two predominating woods were southern yellow pine, which contributed 34.8 per cent of the total production reported for the year, and Douglas fir, which contributed 22.1 per cent, their nearest competitor being western yellow pine, with 7.5 per cent. With the exception of cypress, the cut of which decreased 5.7 per cent, all the principal species showed increases for 1923 as compared with the preceding year.

Stocks of lumber on hand at the mills January 1, 1923, was reported as 9,749,769 thousand feet, and December 31, 1923, at 10,548,087 thousand feet.

CALIFORNIA HIGHWAY COMMISSION FAVORS CONTRACTOR

R. M. Morton, California state highway engineer, in addressing the Contractors' Association of Northern California, convening in San Francisco recently, declared:

"The California Highway Commission needs the contractor. It does not favor day labor methods of construction.

"The contractor has an essential place in our modern, complex civilization," Morton declared in discussing the attitude and policies of the state highway department toward the contractors' part in the building of the state highway system." Continuing Morton said:

"We endeavor to limit day labor methods to emergency work, to work not susceptible of practical presentation for bids, and to cases where bids are considered higher than the cost of the work when done by our own forces.

"Where one day labor highway job has been done at less than the preliminary cost, many more have required additional allotments of funds to complete. We are fully aware of this situation and it is our policy to undertake no work by day labor unless there are adequate and convincing reasons why this is the most practical way to perform it.

"The gamble of pitting human skill and money against handicaps placed by nature and created by man is what impels men to the contracting business. The contractor must be able to foresee the difficulties to be encountered and take them into account when making his bid which must be sufficiently high to permit completion of the work in accordance with the specifications. Much public money is wasted by unskilled and underpaid contractors.

"If the matter of profit means skimping on the work, and can be obtained in no other way, the sincere contractor will go out of business. Fair dealing with the contractor in the spirit of co-operation that he may do honest work for a reasonable profit is the instruction to employees of the highway commission. We want competent contractors who are able and willing to complete projects in a manner mutually beneficial to both parties. We are anxious to do our part in bringing this about.

"The practice of bonding companies in furnishing bonds to incompetent contractors is beyond understanding. Engineers and the general public will not oppose a standardization of requirements of responsibility for contractors if the bonding companies would take such a step. The best bond for the state is to sign a contract with a man whose personal word and signed name are as good as his bond."

U. S. STEEL ORDERS SHOW GAIN OF 506,299 TONS

Unfilled tonnage of the United States Steel Corporation increased 506,699 tons between October 31 and November 30, according to the monthly report of that corporation.

Forward orders on the books of the corporation on November 30, amounted to 4,081,969 tons, against 3,525,270 on October 31, and 3,473,780 on September 30, 1924. On November 30 of last year unfilled tonnage amounted to 4,363,584.

The gain of 506,299 tons is unfilled orders was the largest reported since September of 1922, when an increase of more than 600,000 tons was reported over those of the preceding months.

STATISTICIAN PREDICTS PROSPERITY FOR 1925

In a recent address delivered at Cleveland, Roger W. Babson, business statistician and practicing economist, predicted that business conditions would be more favorable in 1925 than they were in 1924. With regard to commodity prices, he stated that the general movement during the next few years would be downward, but the immediate movement in 1925 would be upward. In the opinion of Babson, this condition will also prevail in the money market.

"There must be a readjustment of wages," said Babson. "This rapidly changing situation, which is the result of coming about in the textile industry of New England. The employers are demanding a 15 per cent reduction in wages and in many instances a 10 per cent decrease has been put into operation." He predicted that the wage earner will do more work for the dollar next year than he has been doing and that as a result of the recent election labor will be slower in making demands for higher wages.

With regard to the building industry, Babson stated that only two lines of business showed an excess in 1924 over 1923—namely, construction and exporting. The total volume of construction business so far this year for the entire country exceeds that of the same period last year by 8 per cent. Most cities are overbuilt as far as office space and high grade apartment buildings are concerned, but there will be a big increase in the demand for single family dwellings and moderately priced apartments in 1925, according to Babson.

U. S. BUREAU OF ROADS FAVORS "STAGE-CONSTRUCTION" PLAN

"Stage-construction" or progressive road construction as it is generally called in this state, where it has been practiced effectively by the present California Highway Commission, has been strongly endorsed by the U. S. Bureau of Public Roads, according to A. E. Loder, manager of the good roads bureau of the California Automobile Association.

Loder says that the Federal road bureau has no record as recommending that this plan, which has been advocated by the Automobile Association and which was put into practice in California in the last two years, be applied where practical to the Federal aid system. The plan has been under investigation by Federal highway engineers for a number of years.

Under the progressive construction plan as outlined by Loder yesterday a road is first graded and placed under traffic with a gravel or stone surface for two years or more before placing final pavement. Then, when the pavement is laid it can be designed to meet the traffic conditions which may have developed since the first improvement of the road. It has been found that gravel or crushed stone surfacing, after receiving a few years traffic, makes an ideal sub-base for a hard surface.

This is the plan used by the highway commission in the improvement of the Pacific highway through the Sacramento River Canyon and in the construction of the Skyline boulevard south of San Francisco, Loder said.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Henry C. Reynolds, attorney, representing the Thirteenth Avenue Improvement Club, at a recent meeting of the Oakland city council, declared a "street paving combine" is attempting to throttle competition in the East Bay section. The charge came as a sequel to a protest made by the club that the paving in Thirteenth avenue between E-Fourteenth and E-Thirty-eighth St. had not been done according to specifications. According to Reynolds, the Warren Construction Company, contractors for the work, agreed to lay a concrete base five inches thick, but, it is said, has not done so. In many places, the attorney declares, the company substituted a three-inch base. It is also charged that the contractors provided only a one-inch topping where the specifications called for one and one-half inch. Reynolds also declared that local quarrymen are being discriminated against in the purchase of rock for local work.

Dissolution of the Cement Securities Company, a western corporation with subsidiaries in several states, was ordered in federal court at Denver, Colo., Dec. 13, by Judge Kennedy, who declared the corporation was a combination in restraint of trade. The court declared the following companies, subsidiaries of the cement securities, were interlocked in violation of the Sherman anti-trust law: Colorado Portland Cement Co., Union Portland Cement Co., The Three Forks United States and the Nebraska Portland Cement Companies.

The certificate of the extension of the corporate existence of the Santa Cruz Lime Company has been filed with the county clerk at Santa Cruz. The company has been in existence since December 12, 1874, and the capital stock fixed by the articles of incorporation was \$500,000. It was voted, at a recent meeting of the company in San Francisco, to extend the corporation rights another 50 years. Of the capital stock, 232 shares, at \$1000 a share is held by the Santa Cruz Portland Cement Company and 69 shares by Bertha Coope.

Damages of \$25,400 for injuries he sustained in an automobile collision at Barrett Ave. and Twenty-third St., Richmond, on July 26, are asked of the Stege Lumber & Hardware Company and Carter H. Johnston, its president, by Howard A. Burton, Richmond contractor, in suit he filed at Martinez. Burton alleges that Johnston's negligent operations of an automobile owned by the company caused it to crash into his machine, the windshield of which was shattered, cutting him severely on the left forearm. The injury, Burton avers, severed muscles in his arm and has caused him to lose the use of his thumb and fingers. He asked damages of \$25,000 and remuneration for \$400 he spent in medical services.

A. M. Castle & Co. of which W. B. Simpson of Chicago, is president, has taken over several steel plants on the Pacific Coast, including the Little & Robertson Company plant at Thirty-seventh and Alameda Sts., Los Angeles. It is proposed to double the capacity of the southern city plant.

Frank H. Lambert, superintendent of the McCloud River Lumber Company, at Redding, Cal., for the past four years, died in that city Dec. 12.

As a result of the differences between the San Francisco Labor Council and the Industrial Association of San Francisco particularly as concerns the controversy existing between employers and the Molders' Union, George S. Hollis, president of the labor organization, has issued an open letter calling for fair play in industrial disputes. The letter is directed to the Industrial Association of San Francisco, and deplores methods resorted to by employers. The communication protests against the Industrial Association formulating rules of its own in adjusting differences between employer and employee. In its appeal the Labor Council declares that only through fair play will the industrial welfare and commercial growth of the community be assured.

"Elimination of Irresponsibles," with the object of barring from public work all contractors who default on their bids, was undertaken as a statewide campaign by the annual convention of the Contractors' Association of Northern California, which recently closed its annual meeting in San Francisco. Henry J. Kaiser of Oakland, president of the organization, presented the plans to the 150 delegates. In his annual report, Kaiser urged the formation of a board of review to pass on all bids and bidders, adding that he had secured the backing of executives of surety companies for this scheme.

E. W. Boschke, chief engineer for the Southern Pacific Company, denies that the company has let a contract to the Utah Construction Company of San Francisco for building twenty-two miles of line between Dietz, north of Veed on the Shasta route, and Grant Lake, on the Weed-Klamath Falls branch, as rumored at Klamath Falls, Ore. The Klamath Falls report said information of the signing of the contract had been received by members of the chamber of commerce there.

Consolidation of the Bend Brick Co., near Bend, Ore., and the Central Oregon Brick Co., at Prineville Junction, Ore., is announced. The new company to be known as the Central Oregon Brick Company, is owned by W. A. Currie, who was sole owner of the Bend Brick Company, and E. A. Friberg and Gottfried Olsen, owners of the Central Oregon Brick Company. The capacity of the plants, when proposed new kilns are started out next spring, will be 6,000,000 brick annually.

Increased demands for materials from the wholesale trade has caused the Fresno Branch of the Bass-Hueter Paint Company to lease a two-story and basement brick structure at 734 Fulton Street, Fresno. The entire structure will be occupied by the paint company and the National Lead Company, between which there is a business affiliation.

Gordon Ellis, forester for the Mendocino Lumber Company, is supervising the reforesting of 500 acres of cut-over land in the neighborhood of Boy's Camp, Mendocino County. Hundreds of trees are being planted.

Union Electric Company of Oakland has been incorporated with a capital stock of \$50,000. Directors are: M. A. Thorne, H. W. Anderson and M. G. Horn.

ALONG THE LINE



George T. Seabury, manager of the Providence, R. I., safety council and former division engineer of the Providence board of water supply, has been elected secretary of the American Society of Civil Engineers to fill the vacancy caused by the death of John H. Dunlap, who was fatally injured in a train wreck while returning East from the convention held in Pasadena, Calif., last June. Mr. Seabury was graduated from Massachusetts Institute of Technology in 1902, and his first engineering experience was with the New York City Board of Water Supply. During the World War he was a major in the construction division and as supervising quartermaster he was connected with the construction of Camps Devens, Upton, Mills, Merritt, Dix, Meade and Lee.

W. G. Knox has resigned as city engineer of Santa Ana to take effect Feb. 1, 1925. Nat H. Neff, who for three years has been division engineer of the Orange County road department, has been elected to succeed him. Knox will engage in private practice of engineering with R. L. Loucks, who resigned recently as assistant city engineer, under the firm name of Knox & Loucks. They will specialize in sanitary and drainage engineering and construction, and will later extend their activities to other lines of engineering and possibly architecture. Knox has been city engineer of Santa Ana for the last three years and had supervision of the joint outfall sewer system built by Santa Ana, Anaheim, Orange and Fullerton.

Major John A. Griffin, former city engineer of Los Angeles, has opened an office at 937 W. Seventh St., Los Angeles, for private practice as consulting engineer, specializing in municipal problems, including sewage refuse disposal, drainage, highways, bridges and structures, grade separation, industrial development and traffic relief.

Major General Lansing H. Beach, consulting engineer of Los Angeles harbor commission, has been selected, according to a statement by Chairman H. A. Lake of the Orange county harbor commission, to act in a similar capacity for that body.

Plans for the proposed Oakland Estuary tube, for which Alameda County voted bonds of \$4,496,000, have been completed by County Surveyor Geo. A. Posey. It is proposed to have construction under way early in 1925.

G. M. Stone, formerly engineer with E. T. Flaherty Company, is now associated with H. A. McMurphy under firm name of McMurphy & Stone, 914 Story Bldg., Los Angeles, contracting engineers.

H. D. Dewell, San Francisco structural engineer, has been appointed by the Sacramento city commissioners to make a survey of the structural sufficiency of the Sacramento filtration plant.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

AMERICAN PLAN BRINGS LABOR PEACE REPORT SHOWS

Labor strikes are costly to the whole community—not merely to the particular industry involved. The U. S. Bureau of Labor Statistics reports 8,081 strikes in the United States for the eight years, 1916-1924, with an estimated loss in dollars and cents to the workers, employers and the public of over \$12,500,000,000. This is equal to two-thirds of all the savings deposits in United States banks, and is more than one-half of the whole public debt of the United States, including war issues. In 1923 there were over 700 strikes in the United States, with a total loss of \$703,000,000. Forty-six of these were in California, but only five in San Francisco. These latter were of short duration and all resulted in the establishment of the American Plan. In the year 1921, the closed shop prevailed here during the first eight months and the total number of strikes for the year was twenty-two, with a loss to the public of \$22,500,000. Then came the American Plan and in 1922 the strikes here had been reduced to eleven, with a total loss of \$5,375,000. In 1923 there were five strikes here, involving a total loss of \$2,490,000. In 1924 to date there have been four strikes—all small—involving a total loss of only \$68,000.

CARPENTERS ARIE TO REMAIN IN A. F. OF L.

The meeting of the Executive Council of the American Federation of Labor, held on November 26 at El Paso, Texas, to clean up details of the convention, disclosed that the Building Trades Department, after voting to ask the suspension of the Brotherhood of Carpenters for failure to affiliate with the Department, failed not only to present the matter to the convention but to the Executive Council as well. The carpenters, second largest body in the federation, therefore remain in the federation with their status unchanged and unimpeded. According to Geo. F. Hedrick, newly-elected president of the Building Trades Department, negotiations looking toward a declaration of peace between the carpenters and the department have already been started. "I have talked with officers of the carpenters, and I believe that we will settle this matter," he said. "It will take time, of course, as the difficulty has existed for almost four years."

SOUTHERN CALIFORNIA ARCHITECTS ELECT OFFICERS

The Southern California Chapter of the American Institute of Architects has elected the following officers to serve for the coming year: D. C. Allison, president; Silas R. Burns, vice-president; D. J. Witmer, secretary; A. C. Zimmerman, treasurer; H. C. Chambers, director for two years, and Donald B. Parkinson, director for three years. Delegates to the 1925 Institute convention were elected as follows: Sumner P. Hunt, Edwin Bergstrom, Reginald D. Johnson, Myron Hunt, Harwood Hewitt, Donald B. Parkinson and Fitch H. Haskell. Alternates elected were: A. M. Edelman, Winsor Soule, Sumner M. Spaulding, A. C. Zimmerman, W. Templeton Johnson, Henry F. Withey and Carlton M. Winslow.

Builders' Code of Ethics Should Promote Building Construction

(By J. Stewart Fairweather)
What, in my belief, is the most important step taken to promote the healthy progress of the building industry of San Francisco since the effectuation of the American Plan, is the adoption of a Building Industry Code of Ethics for San Francisco and the Bay region. This code, which was prepared by the San Francisco Chapter of the American Institute of Architects in collaboration with the Industrial Association of San Francisco and the Builders' Exchange, and which has been officially ratified by these three organizations, will, in my judgment, have a most beneficial effect upon the industry and the community. It will unquestionably assure the public, and the building public in particular, a greater degree of protection; and it will perpetuate the excellent conditions that obtain in the building industry as the result of the American Plan. In fact, its importance cannot be over-estimated. When it is realized that San Francisco's building industry has increased more than 100 per cent in less than three years, it will be apparent that the necessity exists for a set of rules to govern the industry for its own good and the good of the public. Through the absence of any common basis of understanding, practices not unlawful or immoral in themselves, but definitely injurious to the industry, grow up and secure the sanction afforded by custom and usage. Fortunately, San Francisco's building industry has been remarkably free of such evils. To insure that it may so continue, we have adopted this Code of Ethics, the more important provisions of which may be summarized as follows:

Forbids collusion in preparation of bids by contractors and sub-contractors, and provides such collusion shall be just cause for rejection of all bids.

Recommends that all bids be opened in public at a set time and place.

Recommends that when owner has

determined to build, he should first decide whether he is to let a general contract, segregated contract, or a percentage contract.

Provides that architects and owners shall not call into competition contractors or sub-contractors, to whom they are unwilling to award contract; and further provides that in all cases the contract shall go to the lowest bidder. Also that the general contractor, in case of sub-contracting, shall file with the owner or architect the list of sub-contractors whose figures he has used; and if he is awarded the job, that he shall let his contracts to the sub-contractors whose figures he has used, provided such sub-contractors are satisfactory to the architect.

Recommends that owners have their architects insert American Plan in all contracts, and see that the same is enforced.

Provides that the architect shall not invade the field of the contractor; and that the latter shall not attempt to perform the functions of the architect.

Provides that architect shall not attempt to evade oversight or errors by definite clauses in contracts or specifications; and that he shall write into his specifications clauses providing for the observance of all building ordinances, safety and sanitary codes; and that the contractor shall enforce the same.

Provides that the contractor shall never improperly increase the cost of work, or produce work inferior to that contracted for; and that he shall deal justly with labor and afford apprentices opportunity to learn and work in the building trades.

Provides that labor shall not endeavor improperly to increase the cost of work, or produce inferior work. That it shall not attempt to restrict the individual's quantity or quality output; and should co-operate in affording apprentices opportunity to learn the building trades.

CEMENT CONTRACTORS BANQUET

Preparing for an era of prosperity in the East Bay region, the Cement Contractors' association of Alameda county is launched on the second half of the first year of its existence following a semi-annual meeting and banquet. Fred Muller, president, presided at the meeting. Roy Felton, for 14 years sidewalk inspector for the city of Oakland, discussed the sidewalk and street conditions and urged uniform construction for both.

Thomas Day Co., of San Francisco and Oakland, has completed arrangements to handle the Oil-O-Matic oil burner in this territory. The sales arrangement follows a several years' search on the part of the Thomas Day Company for an automatic heating device suitable for homes, apartments and business buildings. C. U. Williams & Son, Bloomington, Ill., are the manufacturers of the Oil-O-Matic.

PREDICTS HIGHER WAGES IN 1925

"One of the most encouraging prospects for 1925 is that labor will have a full dinner pail," writes John W. Hill in the Iron Trade Review. Continuing he says: "Present indications are that jobs will be more plentiful. Wages may be expected to hold steady and in some lines an upward tendency is probable. Two facts are combining to keep wages high or to make them higher. One is the rising curve of living costs; the other is the increasing demand for labor as industrial activity expands. Factory employment now stands at more than 6 per cent above the summer's lowest point. The cost of living dollar is shrinking. Measured by pre-war standards, it is now worth 60 cents against 63 cents in June. Living costs are 65 per cent above the 1914 base. They are rising in the wake of advancing wholesale prices. On December 1, Dun's index of commodity values was up nearly 8 per cent from the June low point."

STRONG LUMBER DEMAND CONTINUES

Special Correspondence

Reports of the lumber movement for the week ending December 6 received by the National Lumber Manufacturers Association from 333 of the larger softwood commercial sawmills of the country, as compared with the revised reports from 366 mills for the preceding week, indicate a continued excess of new business over current production. Production and shipments show an increase over the preceding week, orders a slight decrease. The past week, in comparison with the corresponding week of 1923, shows a materially greater volume of new business and shipments but a smaller volume of production.

The unfilled orders of 253 Southern Pine and West Coast mills were 651,899,043 feet, as against 635,700,759 feet for 251 mills the week before. Separately, the Southern Pine group, 133 mills, reported unfilled orders as 250,699,507 feet, compared with 262,342,894 feet for the same number of mills the previous week; 120 West Coast mills had unfilled orders amounting to 401,229,535 feet, as against 373,357,865 feet for 118 mills a week earlier.

Altogether the 333 comparably reporting mills had shipments 109 per cent and orders 118 per cent of actual production. For the Southern Pine mills these percentages were respectively 112 and 96; and for the West Coast mills 95 and 117. Of the comparably reporting mills, 357 (having a normal production for the week of 218,662,411 feet) reporting production 98 per cent of normal, shipments 105 per cent, and orders 112 per cent thereof.

The mills of the California White & Sugar Pine Association make weekly reports, but for a considerable period they were not comparable in respect to orders with those of other mills. Consequently, the former are not represented in any of the foregoing figures. Twelve of these mills reported a cut of 5,761,000 feet last week, shipments 4,478,000 feet, and orders 101,000. The reported cut represents 30 per cent of the total of the California Pine region.

The West Coast Lumbermen's Association wires from Seattle that new business for the 120 mills reporting for the week ending December 6 was 16 per cent above production and 17 per cent above shipments. Of all new business taken during the week, 40 per cent was for future water delivery, amounting to 48,962,906 feet, of which 36,117,412 feet was for domestic cargo delivery, and 12,845,494 feet export. New business by rail amounted to 2268 cars. Forty-five per cent of the week's lumber shipments moved by water, amounting to 45,503,903 feet, of which 33,223,914 feet mover coastwise and inter-coastal, and 12,280,989 feet overseas. Rail shipments totaled 1736 cars and local deliveries was 4,461,538 feet. Unfilled domestic cargo orders totaled 160,352,598 feet; unfilled export orders 55,496,938 feet; unfilled rail trade orders 4843 cars.

The California Redwood Association of San Francisco reports a slight increase in production, a small drop in shipment, and a slight decrease in new business last week as compared with the week before.

The Western Pine Manufacturers Association of Portland, Oregon, reports production short last week compared with a week earlier, a good gain in shipments, and a decline in new business. Compared with the preceding week 35 identical mills show a decrease in orders (new business) of 14 per cent, an increase in shipments of 20 per cent, while production decreased 17 per cent. New business remained 16 per cent above normal. Ten of the reporting mills not sawing, several others show a decrease in production.

Here, There and Everywhere

Special Correspondence

Delegates attending the annual convention of the Building Trades Department of the American Federation of Labor at El Paso, Texas, elected George E. Friedrich of Lafayette, Indiana, international president of the Brotherhood of Painters, Decorators and Paperhangers of America, as president, to succeed John H. Donlin. W. J. Tracey, Philadelphia, a member of the United Association of Journeymen Plumbers and Steamfitters, was elected secretary of the department to succeed William J. Spencer. Agitators, who are responsible for unnecessary strikes, were attacked by President Donlin at the opening session of the convention. He declared that nine out of every ten strikes in the construction industry could be avoided. He said "The millions of dollars lost to the workers through strikes, inclement weather and seasonable employment represents irreparable loss. The seasonal occupation we might eventually remedy, the inclement weather never, but the loss due to strikes can be reduced to a minimum, and should be."

Another addition to the rapidly growing list of labor organizations advocating the five-day week is the carpenters. The 21st general convention of the United Brotherhood of Carpenters and Joiners of America held recently in Indianapolis adopted the following resolution: "Resolved that we recommend to all District Councils under the jurisdiction of this United Brotherhood, and to all Local Unions in localities where more than one Local Union, but no District Council exists, that five (5) days shall constitute a week's work, and that one day shall be set aside for the enjoyment of self with home and family, and the other day for the uplifting of humanity; and be it further Resolved that the general convention of the United Brotherhood of Carpenters and Joiners of America do all in its power to bring about the establishment of a five-day week working basis, wherever this Brotherhood has jurisdiction."

"How can the spirit of craftsmanship be revived in the building industry?" was the question E. J. Mehren,

Vice President of the McGraw-Hill Company, tried to answer for the employers affiliated with the New York Building Congress at a recent meeting. The speaker declared that the spirit of craftsmanship had departed, and that public estimation of completed work had been lowered. He urged that workmen be encouraged to do their best and that employers come in personal contact with their men. He suggested that the custom of posting the names of bank tellers before their cages be carried into the building trades, where completed buildings should bear tablets giving the craftsmen's names. The speaker called attention to the plan now in use in Portland, Oregon, where a "Guild of Building Handicrafts" has been organized.

"More than 11,000,000 of our people are dependent for their living on the construction industry, and 22 per cent of all the skilled and unskilled labor of the country is engaged in the building branch alone." Secretary of Labor, Davis, said recently, "Some 250,000 freight cars are required to handle the materials. Our building bill is \$200 per year for each family in the United States. It is truly the chief barometer of the business of the country. When construction gains, prosperity follows with us. It is the great outstanding influence for good or bad in our financial progress."

The Joint Conference Board in Chicago, which was organized July 8, 1913, and which has not functioned since the creation of the Committee to Enforce the Landis Award, was re-organized on October 10, 1924. This Board consists of 16 members, 8 of whom represent the Building Construction Employers Association of Chicago, and 8 members of the Chicago Building Trades Council. The purpose of the Board is to settle jurisdictional disputes between the trades pending a final decision by the National Board for Jurisdictional Awards. By a unanimous vote A. E. Coleman, president of the National Association of Building Trades Employers and of the Building Construction Employers Association of Chicago, was chosen as president of the Board.

ASPHALTED FELT-BASE FLOOR COVERINGS IN 1923

The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of asphalted felt-base floor coverings reported a total output valued at \$25,280,150, an increase of 149.1 per cent as compared with 1921, the last preceding census year. Of this total, \$6,234,992 represents piece goods; \$18,462,255, rugs; and \$588,913, all other products.

Of the 9 establishments reporting for 1923, 5 were located in New Jersey and 1 each in Indiana, Maine, Massachusetts, and Pennsylvania. In 1921 the industry was represented by 10 establishments, the decrease to 9 in 1923 being the net result of the loss of 2 establishments which had been included for 1921 but had gone out of business before the beginning of 1923, and the addition of 1 new establishment.

LUMBER COMPANY SUES FOR LOSS PLANT INSURANCE

The Yorkshire Insurance Company Ltd., of England, was made the defendant in a suit filed in superior court at Fresno by The California Credit and Collection Corporation for \$50,000, the amount alleged to be due on a claim for insurance loss.

The complaint alleges that on August 30, 1923, the Mitchell and Virden Lumber Company made a contract with the insurance corporation for a \$50,000 policy covering its mill property, known as Duncan Mills and that seventeen days later the plant was totally destroyed by fire with a loss in excess of the amount of the policy.

The plaintiff, as assignee of the lumber company seeks judgment in the amount of the policy, which was never delivered, according to the claim made in the complaint.

PUBLICATIONS

Shepard Floor Operated Electric Hoists are described and well illustrated in a new catalog published by the Shepard Company. With the installation and portrait views of each hoist is included a general description, reference drawings and dimensions, and list prices. Copies of the new catalog may be had by writing the Shepard Electric Crane and Hoist Company, Montour Falls, New York.

The Gypsum Industries, 844 Rush St., Chicago, Ill., has issued press-proofs of two treatises, "Gypsum Plasters—General Instruction and Specifications" and "Gypsum—A Non-Metallic Mineral." The works are by Virgil G. Marani, chief engineer for the Gypsum Industries, an authority on gypsum building products and the best methods of application.

Bids to construct a \$2,000,000 bridge over the San Francisco Bay at Dumbarton, San Mateo county, will be considered by the Dumbarton Highway Bridge Corporation in San Francisco on December 17. The structure will consist of nine steel spans, each about 260 feet in length, and will have concrete deck and 24-foot roadway.

The American Society of Mechanical Engineers is distributing reprints of 3 power test codes formulated by the committee on codes. The new codes refer to solid fuels, speed-responsive governors, and gas producers.

ASBESTOS PRODUCTS IN 1923

The Department of Commerce announces that, according to the data collected at the biennial census of manufactures, 1923, the establishments engaged primarily in the manufacture of asbestos products (not including asbestos textile products) reported a total output valued at \$12,870,205, an increase of 10.4 per cent as compared with \$5,838,870 in 1921, the last preceding census year. This total consisted of building materials to the value of \$8,252,110, mats and pads valued at \$427,452, and other products (asbestos packing and insulating materials, flags and pennants, blackboard erasers, pin-cushions, paper, household specialties, etc.) valued at \$3,590,643.

Of the 26 establishments reporting for 1923, 6 were located in Illinois, 4 each in New Hampshire and New York, 3 in Ohio, and the remaining 9 in 7 other States.

CONSTRUCTION COSTS UNCHANGED

During four consecutive months there has been no change in construction costs according to the American Contractor. "It is true," states this publication, "that there has been some minor fluctuations in various material prices, but there has been a balance between the 'ups' and 'downs' that makes the weighted average stand at 87.35 per cent of the 5 year average. This same condition is true as regards labor costs and the weighted wage rate is 118 per cent of the 5 year average."

The Engineering News-Record, New York, finds that general construction costs are 4 per cent lower than a year ago and 24 per cent under the peak of June, 1920.

Capilano Timber Company will construct a new export mill at Vancouver, B. C., the first unit to cost \$400,000 with an ultimate expenditure of 1,000,000.

California's Minerals to be Discussed at Sacramento Conference

California has every mineral substance required in the structural and building material industry in commercial quantities, according to a recent survey of reports of the state mining bureau, made by the department of mines and mining of the Sacramento Chamber of Commerce.

California has also practically every mineral used in industry, in sufficient quantities to keep millions of workers busy in manufacturing plants.

Investigation by the Sacramento organization has disclosed that the non-utilization of California structural minerals is largely due to the fact that the producers of these minerals have failed to standardize their industry. When asked, California architects said they would be more than willing to specify California structural minerals, but that they had no standardized schedules to go by.

"We have no means of ascertaining standard prices or even standard sizes of many California building minerals," said one architect. "We have no means of knowing, if we do specify a California granite or marble or sandstone or slate, that the producers are in a position to deliver it on schedule or in the sizes required. We have right on our desks standardized catalogues of these minerals from eastern and foreign producers. We know if we specify a certain mineral from these producers it will be delivered as per schedule. It is vital that the structural producers of California realize this, and at once take steps to standardize their industry, just as their eastern competitors have done."

California structural minerals and products include asphalt, bituminous rock, brick and tile, cement, chromite, granite, lime, magnesite, marble, onyx, pottery, sandstone, serpentine, slate, terra cotta, travertine and miscellaneous stone, such as paving blocks, grinding pebbles, crushed rock and sand. In addition, recently it has been found that the white "bull" quartz of the Mother Lode, which contains no gold values, is excellent for stucco work. Jasper, mariposite, and different colored quartz are also ground up for patent roofing. In addition, California contains unlimited quantities

of ochre, oxides, cobalt compounds and other minerals used in paint manufacture.

In issuing a call for a conference at the Sacramento Industrial Show, January 26, F. W. Bunyan, chairman of the minerals committee, says:

"For several months we have been giving serious consideration to the excessive amount that California pays annually, not mere to the eastern states, but in no small part for foreign imported material, that, with proper care and nursing, might well be kept at home to build up our own native industries such as marble, granite, sandstone, slate, glass and pottery, the raw materials for such are readily obtainable in the state quantity. In other words, build up our structural minerals industries."

"Think of importing marble from Vermont or even from Italy, when we have the equal in the state; similarly with glass. We might as well import peaches or raisins as marble—it would be equally logical."

"We have quarries of the finest marble in Tuolumne county, and undeveloped deposits in Amador and Calaveras counties."

The Sacramento board of education has been formally petitioned by the department to establish a two-year course in the Sacramento Junior College to enable scores of young men in the adjacent mining counties to gain a mining training.

The department points out that Sacramento is admirably situated for mining instruction, owing to its nearness to the big operating gold mines of the Mother Lode, the gold dredgers at Natomas and Hamilton, the marble quarries in Tuolumne county, the clay pits and pottery at Lincoln, the hydraulic mining at Volcano in Amador county, gravel mining at Angels Camp and Springfield, cobalt mining at Sheep ranch, copper mining and smelting at Copperopolis and Kennett, iron and zinc mining in Shasta county, oil refineries in Contra Costa county and cement works in Solano county. Field trips can be made easily during the week ends to these mines, and they will also provide ample vacation work for the students.

PAVING BRICK PRODUCTION IN OCTOBER

Paving brick production for the month of October, 1924, shows an increase over the month of September of close to half a million brick, according to the monthly statistical report submitted to the United States Department of Commerce by the National Paving Brick Manufacturers Association. Shipments for October were 23,142,000, as against 31,563,000 for September. This was a smaller falling off than would naturally be expected at this time of the year when the seasonal nature of pavement construction is taken into consideration. Unfilled orders for October were 59,496,000, as against 74,089,000 for the last day of September. Stock on hand the last day of October was 73,604,000, showing a reduction of stock in the last month of more than 13,000,000 brick. The foregoing figures cover reports of 20 companies representing 59 per cent of the tonnage capacity of the industry. These companies reported production at 81 per cent of their normal monthly tonnage capacity.

LUMBER CONSERVATION

One of the big problems confronting the construction industry is being consumed and the lack of interest in the matter of reforestation. In an address before the leading lumbermen of the United States and Canada, President Coolidge recently had the following to say: "The era of free wild timber is reaching its end, as the era of free wild food ended so long ago. No longer can you depend on moving from one primeval forest to another. The sound of the axe has penetrated already to the last of them. This nation has now left about 745,000,000 cubic feet of timber; the annual drain upon it is 25,000,000,000 cubic feet. Our forest problem is a land problem of the first magnitude." It has been estimated that approximately 60 per cent of the entire original supply of American timber has been exhausted to date. Every year America is consuming more than four times the amount of the annual new growth of available timber.

TRADE NOTES

Effective January 1, an important consolidation will take place in the building materials field as the result of the purchase by Gunn, Carle & Co. of the business of the Pacific Materials Co. However, the two corporations will continue to function, the business of the latter company remaining under the management of O. P. Shelley, who retains his interest in the business and the vice-presidency of the corporation. The offices of the Pacific Materials Co. at 525 Market Street will be closed and consolidated with the Gunn, Carle & Co. offices in the Board of Trade Building, 444 Market Street, San Francisco. Similarly, the Bluxome Street warehouse of Pacific Materials Co. will be discontinued and stocks transferred to Gunn, Carle & Co. warehouse at 10th and Bryant Streets, San Francisco, whose capacity is being doubled to accommodate this expansion. Since succeeding to the business of Woods & Huddart, which was established in November, 1909, Gunn, Carle & Co. have specialized in fabrication and installation of steel bars and in handling pig iron, coke and ferro-alloys and have represented the manufacturers of heavy duty industrial trucks and other lines. With the lines represented by Pacific Materials Co. which was incorporated in 1914 as a subsidiary of The Lilley & Thurston Co., organized in 1903, and the Waterhouse & Price Co., founded in 1906, handling a wide line of builders' specialties, the affiliated corporations will be in position to supply most of the building contractors' requirements.

"Plastite" is the name of a new cement just placed on the market by Riverside Portland Cement Company. Investigations have been carried on for several years by the company to develop some new product that would meet demands of the construction industry. With the high grade cement which it has for years been producing it is possible to secure an impermeable concrete by accurately gauged and exactly proportioned mixture, but this is not always possible under field conditions. In "Plastite" it is claimed the Riverside company has developed by a special manufacturing process a product which is inherently waterproof and will, under ordinary field conditions, make an impermeable stucco or concrete. This new cement, it is said, mixes easily and there is no tendency of the aggregate to separate. As a result, it is said, mixtures made with "Plastite" flow easily under the trowel and in forms, which is not only to the advantage of the contractor, by saving time and labor, but also produces a denser and stronger stucco or concrete. While disavowing any extravagant claims for the new product, the Riverside company offers it with an assurance that it will be found dependable for workability, effective waterproofing, strength and durability.

The entire stock in a company to be formed at Eugene, Ore., for the manufacture of pottery and floor tiling has been subscribed and J. L. Hoffman, engaged in that industry at Richmond, Ore., will shortly arrive in Eugene to begin operation of the plant, according to an announcement of the Eugene Chamber of Commerce. An option has been taken on a tract where there is a bed of clay which Hoffman has pronounced ideal for pottery and tile manufacture and where brick and drain tile have been made for many years.

Patents Granted to Californians

Compiled by Munn & Co., Patent Attorneys

Ernest Fischer, of Terra Bella. **DOOR OR WINDOW CATCH OR HOLDING DEVICE.** This is a check for doors, windows, etc. and consists principally in providing a construction adapted for securely holding doors against casual opening. It is adapted for use as a means whereby a door or closure can be fastened in shut position and held closed until the catch is released.

James C. Moore, of Oakland. **VALVE LIFTER.** This provides a valve lifter which may be operated upon any type of motor irrespective of the size. It is simple in construction and effective in operations.

Benjamin R. Dexter, of Oakland. **TABLE SUPPORT.** This is an improved folding support for collapsible tables, camp tables attachable to motor cars, desk fronts, shaving shelves, beds and ironing boards, and other folding household fixtures.

Thomas H. Fosdyck, of Monrovia. **SAFETY RAILWAY SWITCH.** The object of this invention is to prevent the casualties attributable to an open switch, and provides automatic closing of the switch by a train approaching the same from either direction.

Charles E. Browne, of Oakland. **REAMER.** This is a reamer in which the cutting members and guide elements may be adjusted simultaneously or independently of each other. The object is to provide a reamer which will insure the reaming of a round true hole.

Charles S. Butterfield, of San Francisco. **HINGE.** This invention provides a hinge for a door that will allow the door to be raised while it is being opened and to fall back to its original position during the closing action.

Milton F. Horst, of Los Angeles. **CONTINUOUS AUTOMATIC CONCRETE MIXER.** This is an apparatus which will operate automatically and continuously to mix concrete and deliver it at a point of use. It has portable mechanism combining means for receiving concrete, sand and gravel, in the proper proportions and delivering them to a preliminary mixing chamber. Mr. Horst assigns one-third of his patent to Christian H. Horst.

Peter M. Young, of Los Angeles. **CONVEYOR OR ELEVATOR.** This apparatus is capable of handling bundles of any size, that is to say, bundles having a wide range in size. The object is to provide a construction at the loading point which will operate to insure that the different carriers or holders on the elevator will not be overloaded.

John A. Morgan, of Los Angeles. **PUMP.** This relates to means for transmitting power to or from a fluid and the mechanism set forth is adapted to serve as a pump or as a turbine or for other purposes. For simplicity of description, however, the device is described as a pump, but it is to be clearly understood that it is equally well adapted to serve as a turbine or in other capacities.

John C. Searles, of Oakland. **GALVANIZING APPARATUS.** This is an improved galvanizing apparatus, particularly useful for galvanizing wire screens, which is simple in construction and highly efficient in operation. Mr. Searles assigns his patent to California Wire-Cloth Co.

Leopold B. de Laitte, of San Francisco. **HEATING APPARATUS.** This invention provides for the arrangement of a water conduit in juxtaposition to a structure of insulating material, the latter for the purpose of conserving heat and preventing radiation and to so arrange and enclose the conduit in the insulating structure as to cause the entire body of heated gases to pass through a circuitous course and through a circuitous passageway or flue provided in the refractory structure. Mr. de Laitte assigns his patent to May Erdin, of San Francisco.

Andrew J. Ross, of Los Angeles. **PUMP.** The object of this invention is to provide a duplex pump which is simple in construction, efficient and powerful in operation, and which will furnish a continuous stream of water at high pressure.

Clarence D. Reynolds and Charles B. Reynolds, of Whittier. **TOOL JOINT.** This invention relates to joints for strings of pipe sections, and more particularly to joints for deep well drilling pipes. The object is to provide an extremely simple, practicable and substantial form of joint consisting of a pin and inner member with coarse pitch threads and an outer socket or box member.

Carl Gilmore, of Oakland. **METAL FURRING.** This is an article of manufacture in which a wire screen is provided with integral lugs by means of which the body of the furring is held in spaced relation to a vertical wall in such a manner as to permit of the application and support of a coat of plaster or stucco that is substantially uniform in thickness.

Frank D. Crowder, of San Francisco. **INTERNAL-COMBUSTION ENGINE.** The foremost object of this invention is to provide a hydro-gas or internal combustion engine which generates power directly in an associated turbine, the turbine in turn driving an electric generator or other desired mechanism. Mr. Crowder assigns one-fourth of his patent to Lorenzo G. Warfield, of Washington, District of Columbia; one-fourth to L. R. Whitte, of Houston, Texas; and one-fourth to H. H. Haden, of Harris County, Texas.

Mr. Crowder has also obtained a patent on an **ELECTRIC SWITCH**, which provides a master electric switch by means of which the function of the hydro-gas engine disclosed in co-pending application for Letters Patent filed November 23, 1920, Serial No. 426064 are initiated. He assigns this patent to the same persons as his Internal Combustion Engine.

Charles Henry Fox, of Bakersfield. **PUMP.** One of the important actions objects of this invention is to provide improved means for utilizing the explosive power of the fuel mixture whereby the same is transmitted to the fluid to be pumped without any dissipation or loss of energy.

Building News Section

APARTMENTS

Contract Awarded.

AFT BLDG. Cost, \$65,000
BERKELEY. Alameda Co., Cal., 1624 University Avenue.
 Three-story 65-room & 7 stores frame apartment building.
 Owner—Lichens & Williamson, 1614 University Ave., Berkeley.
 Architect—East Bay Planners, 306 14th St., Berkeley.
 Contractor—E. Lichens, 1614 University Ave., Berkeley.

Plans Being Prepared.

APARTMENTS. Cost, \$40,000
ALAMEDA. Alameda Co., Cal.
 Three-story reinforced concrete store and apartment building (5 stores and 7 2 and 3-room apts.)
 Owner—Withheld.
 Architect—A. A. Cantin, 68 Post St., San Francisco.

Plans Complete.

APARTMENTS. Cost, \$15,000
SAN FRANCISCO. W. Dolores 1943 N 16th St.
 Three-story and basement frame (6) apartments.
 Owner—Julia M. Carroll, 454 Montgomery St., S. F.
 Architect—Shea & Shea, 454 Montgomery St., S. F.

Sub-Contracts Awarded.

APARTMENTS. Cost, \$70,000
SAN FRANCISCO. S O'Farrell St., 162-6 W Larkin St.
 Four-story and basement reinforced concrete apartment building (23 apartments).
 Owner—O. E. Carlson, 180 Jessie St., San Francisco.
 Heating—F. J. Emerson, 106 Sanchez St., San Francisco.
 Steel—Gunn Carle Co.
 Fire Escapes—Michel & Pfeffer.
 As previously reported plumbing was awarded to Lacey & Holly.
 Bids for plastering and painting will be called for shortly.

Contract Awarded.

APARTMENTS. Cost, \$31,000
SAN FRANCISCO. E Scott — S Union Street.
 Three-story frame apartment building.
 Owner—John F. and Hazel Jacobson, 700 2nd Ave., San Francisco.
 Designer — Contractor — Christiansen Bros., 518 25th Ave., S. F.

Contract Awarded.

APARTMENTS. Cost, \$26,000
OAKLAND. Alameda Co., Cal. No. 3040 E-19th St.
 Three-story 24-room apartment building.
 Owner—J. A. Lombard, 1428 Franklin St., Oakland.
 Architect—Non.
 Contractor—Harry C. Knight, 1428 Franklin St., Oakland.

Owner Taking Segregated Figures.

APARTMENTS. Cost, \$60,000
SAN FRANCISCO. SW Dolores and Clipper Sts.
 Three-story and basement, frame and brick veneer apt. house (15 3- and 4-room apts.)
 Owner—Ernest Johnson, 1124 Cortez, Burlingame, Calif.
 Architect—Baumann & Jose, 251 Kearny St., S. F.

SEATTLE. Wash.—Arch. C. Frank Mahon, 527 Lyon Bldg., completes plans for two-story and basement masonry apartments to be erected for A. H. and E. D. Allen at N-50th St. and Dayton Ave.; eighteen 3 and 4-room apts.; est. cost, \$90,000. Architect takes bids shortly.

SAN FRANCISCO.—Architect C. A. Meussdorfer, Humboldt Bank Bldg., has awarded a contract to D. Zelinsky & Sons, Inc., 165 Grove St., for the painting at \$2375 and the plumbing, heating and gas fitting to Henry Ernst & Sons, 551 Hayes St., at \$5674 for the construction of a six-story and basement Class A steel and reinforced concrete apartment building for Margaretta and Frank E. Lofigan. It is to be erected on the east side of Hyde street 49 ft. south of Lombard street. Other contracts were noted in these Reports of Dec. 9th.

SEATTLE. Wash.—Arch. John A. Creutzer, Leary Bldg., has bids under advisement for a 4-story and basement masonry apartment house to be erected for C. F. Tregoning at Belmont Ave. and Olive St.; will contain two and three-room apts; est. cost \$100,000.

LOS ANGELES. Cal.—Roy W. Clark, 305 N Western Ave. awarded contract at about \$100,000 for 2-story class C store and apt. bldg. 32x180 ft. on Santa Monica Blvd. bet. Wilton and St. Andrews Pl. for J. E. Gree, Wm. H. Kraemer, archt., 4157 W 5th St.; 6 stores and 44 single and double apts.; face brick, art stone trim, plate glass, comp. rf., skylights, met. rt. and sash, struc. steel, cem. and pine fls., tiled baths and sinks, built-in beds, gas radi., incinerator. Work started.

SANTA MONICA. L. A. Co., Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., Los Angeles, have prepared preliminary plans for a 6-story and basement class C store and apt. bldg. at Santa Monica Blvd. and Ocean Blvd., Santa Monica, for S. Malsman. Six stores, 100 apts., dimen. 100x150 ft., brick constr., press. br. and terra cotta facing, plate glass, marble and tile work, pine trim, tiled baths, elevators, steam hgt., wall beds; \$300,000.

Material of Merit

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BONDS

SANTA CRUZ. Santa Cruz Co., Cal.—Until Jan. 7, bids will be received by county supervisors for purchase of \$20,000 bond issue of Pacific School District at Davenport; proceeds of sale to finance erection of new school.

ROSEBURG. Ore.—Bonds of \$165,000 voted to finance erection of new school building.

SANTA CRUZ. Santa Cruz Co., Cal.—Until Jan. 7, bids will be received by H. E. Miller, county clerk, for purchase of \$20,000 bond issue of Pacific School District; proceeds to finance school improvements.

EUREKA. Humboldt Co., Cal.—County supervisors sell \$70,000 bond issue of Arcata School District; proceeds of sale to finance school improvements.

CHURCHES

Sub-Contracts Awarded.

REMODELING. Cost, \$30,000
MARYSVILLE. Yuba Co., Cal.
 Remodel church buildings.
 Owner—St. Joseph's Catholic Church.
 Designer — Contractor — Grace & Bernieri, Claus Spreckels Bldg., San Francisco.
Lumber and Cement.—Shasta Lumber Co., Marysville.
Brick Work.—H. H. Hunn, Marysville.
Plastering.—E. E. Valentino, 1047 Ingerson St., San Francisco.
Plumbing and Sheet Metal Work.—Booth & Herboth, Marysville.

BAKERSFIELD. Kern Co., Cal.—Calvary Presbyterian Church of Bakersfield plans early construction of new edifice in Lake Street. Plans for the structure will be ordered at once.

TUCSON. Ariz.—Arch. Henry O. Jaastad, 96 N Stone Ave., is taking bids for brick church at 6th Ave. and 5th St. for First Baptist Congregation. Auditorium with seating capacity of 600 and classrooms; cream pressed brick facing. Foundation in; \$100,000.

CULVER CITY. L. A. Co., Cal.—Architect Emmett G. Martin, 620 Citizens Nat. Bank Bldg., has been commissioned to prepare plans for a 12-rm., 2-story, 50x33 ft. rectory and 6-room, 2-story; 38x42 ft. side add. to convent, at Culver City, for Roman Catholic Bishop of Los Angeles and San Diego, Culver City Parish, Rev. John O'Donnell, Pastor; fr. and plas. tile and comp. rfg., part basement, gas unit hgt. sys., hwdw fls., tile baths, pine trim.

SACRAMENTO. Cal.—Methodist Episcopal Church, South, plans to sell present church site at n. w. Fifteenth and J Sts. and to purchase another site and erect new edifice in residential district.

PORTLAND. Ore.—Archs. Jacobberger and Smith, Railway Exchange Bldg., takes bids about Jan. 15, for Catholic Cathedral to be erected in block bounded by Couch, Davis, 17th and 18th Sts.; est. cost \$200,000. Structure will replace Cathedral of the Immaculate Conception; brick and stone construction; parish house also included.

HAYWARD. Alameda Co., Cal.—Congregational Church of Hayward plans to erect new edifice at A and Main streets to replace present structure.

RENO, Nevada—Board of Directors of First Church of Christ Scientist plans early construction of \$10,000 edifice at Granite and Court Sts. Directors are: Augustus Long, Edie L. Seavy, president and clerk, respectively, and Annie S. Kuhn, Pearl L. Lang and Lenene B. Saviers.

SANTA MONICA, Los Angeles Co., Cal.—Architect Albert C. Martin, 228 Highland Bldg., has completed plans for new church at 7th and California Sts., Santa Monica, for St. Monica's Parish; Rev. Nicholas Conneally, pastor. Brick construction, stone facing, tower 110 ft. high, tile roofing, hardwood and pine trim, heating and ventilating, art glass. Cost, \$225,000. Bids will be taken next week.

FACTORIES & WAREHOUSES

Contract Awarded.
ADDITIONAL BLDG. Cost, \$17,000
OAKLAND, Alameda Co., Cal. 107th Avenue.
Second unit addition to factory plant, one-story steel and brick construction. Owner—Fageol Motors Co., Oakland. Architect—None.
Contractor—E. T. Leiter & Son, 3700 West St., Oakland.

Contract Awarded.
WAREHOUSE Cost, \$315,950
SAN FRANCISCO, China Basin.
Two-story reinforced concrete terminal warehouse (building designed for 6 stories).
Owner—State Bd. of Harbor Comm.
Engineer—Frank G. White, Ferry Bldg. San Francisco.
Contractor—Barrett & Hilp, Parker Co., Clunie Bldg., San Francisco.

Plans Being Prepared.
CLASS C BLDG. Cost, \$30,000
SAN FRANCISCO, So. of Market St.
Manufacturing building, class C construction.
Owner—Withheld.
Architect—Mel Schwartz, 1202 Nevada Bank Bldg., S. F.

Sub-Contracts Awarded.
WAREHOUSE. Cost, \$120,000
SAN FRANCISCO, Bryant St., bet. 7th and 8th Sts.
Four-story reinforced concrete wholesale plumbing warehouse.
Owner—P. E. O'Hair, 857 Mission St., San Francisco.
Architect—R. W. Jenkins, 243 Diamond St., San Francisco.
Engineer—Russell & Ellison, 369 Pine St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Steel Rolling Doors—Tennyon Mfg. Co., 230 California St., San Francisco.
Electrical Work—Deuel & Co., Balboa Bldg., San Francisco.

Sub-contracts were previously awarded as follows: Steel sash to Michel & Pfeffer, 1425 Harrison St., S. F.; lumber to Loop Lumber Co., Central Basin, San Francisco; rock and sand to Pacific Gravel Co., 451 Shotwell St., San Francisco; steel column forms to Des Lauriers Metal Products Co., Inc., 613 21st St., Oakland.
Sub-figures are being taken for glass, elevator, roofing and sheet metal work.

Contract Awarded.
FACTORY Cost, \$13,000
OAKLAND, Alameda Co., Cal. 376 28th Street.
Two-story reinforced concrete garage and cafeteria building.
Owner—California Towel Co., Oakland.
Designer—R. W. White, 28th & Filbert Sts., Oakland.
Contractor—Barrett & Hilp, 351 12th St., Oakland.

Sub-Contracts Awarded—Bids Being
FACTORY BLDGS. Approx. \$200,000
SAN FRANCISCO, Third and Bancroft Avenue.

Two-story reinforced concrete factory 10x40 (1st unit).
Owner—Premier Spring & Bed Co.
Architect—Walter J. O'Brien, 315 Montgomery St., San Francisco.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.

Steel Columns—Des Lauriers Co., 613 21st St., Oakland.

Sheet Metal—Morrison Sheet Metal Works, 2149 Golden Gate Ave., San Francisco.

Fuel Oil Tanks—Ocean Shore Iron Works, 550 8th St., S. F.

Millwork—Empire Mill, 750 Bryant St., San Francisco.

Glass—W. F. Fuller Co., Beale and Mission Sts., San Francisco.

Elevators—National Machine Works, 819 Bryant St., San Francisco.

Sub-contracts previously awarded are: Grading to Farrar & Carlin, 180 Jessie St., S. F.; cement to J. S. Guerin & Co., 720 Folsom St., S. F.; lumber to McCallum Lumber Co., 748 Bryant St., S. F.; reinforcing steel to Gunn Carls Co., 444 Market St., S. F.; electric work to Fred D. Wilson, 72 Carmel St., S. F.; steel sash to Michel & Pfeffer, 1415 Harrison St., S. F.; plumbing to J. J. McLeod, 1946 Golden Gate Ave., S. F.; wood rolling doors to C. Christensen, 77 O'Farrell St., S. F.; roofing to Jas. Cantley, 180 Jessie St., S. F.
Bids are being taken on masonry, tile, metal partitions and ornamental iron.

Additional Sub-Contract Awarded.
PRINTING PLANT Cost, \$25,000
SAN FRANCISCO, E. Montgomery St. N Jackson St.
One-story and basement reinforced concrete printing plant building, 69 by 137 ft.

Owner—Louis R. Lurie.
Lessee—Bankers Printing Company.
Architect—O'Brien, Bond 315 Montgomery St., San Francisco.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.
Sheet Metal Work—Appmann Cornice Works, 129 Valencia St., S. F.

LOS ANGELES, Cal.—Archts. Samuel Duford and Alexander Bradner, 1017 Lincoln Bldg., are taking revised bids for a 4-story class A warehouse, at Industrial and Alameda Sts., for Richard's Trucking and Warehouse Co., 88 by 150 ft., reinf. conc., basement, comp. rig., cem. fls., steel sash, gas htg., sprinkler sys., plas. facing, elec. elevators, wire and plate glass, conveying mach. bldg. designed for 8-story.

SAN JOSE, Santa Clara Co., Cal.—Under contract, 1 a. m. bids will be received by Henry A. Edister county clk. to erect milk barn at county almshouse. Plans on file in office of clerk.

LOS ANGELES, Los Angeles Co., Cal.—A. M. Castle & Co., W. B. Simpson, Pres., Chicago, Ill., have taken over several steel plants on the Pacific coast, including Little & Robertson Co. plant at 37th and Alameda Sts., Los Angeles. It is proposed to double the size of local plant.

LOS ANGELES, Los Angeles Co., Cal. Harry Siskin, head of Angeles Furniture Mfg. Co., 931 E. Fico St., contemplates erecting a three-story Class A furniture factory at 9th St. and Union Pacific tracks; the site is 600x1000 ft., and the building will be reinforced concrete construction. Project will mature about Jan. 1st, 1926.

LOS ANGELES, Los Angeles Co., Cal.—Architects Morgan Allen & Glendon, 1124 Van Nuys Bldg., are preparing plans for a Class A warehouse on Macy St. between Palmetto St. and Factory Pl. for Italian Vineyard Co. It will be occupied by Panama Warehouse Co. for news paper storage. Dimensions, 183x312 ft., 1-story, 30-foot ceiling, reinforced concrete construction, steel sash, composition roofing, metal skylights, cement floor, steel rolling doors. Cost, \$175,000.

KELSO, Wash.—Lowis River Paper & Pulp Co. (Alfred Bowler, Portland, Ore., interested) will erect pulp mill at Martins Bluff on deep water of Columbia river; will have daily capacity of 50 tons of pulp; est. cost, \$100,000.

LOS ANGELES, Cal.—McMurphy and Stone, 914 Story Bldg., have completed plans and have contract for 1-story class A warehouse, on Broadway Ave. and Eleanor St., for Premier Fireproof Storage Co.; 50x55 ft., reinf. conc. br. ext., terra cotta trim, cem. fls., comp. rig., steel sash, plate glass.

STOCKTON, San Joaquin Co., Cal.—Construction has been started on a \$200,000 plant at Peters for manufacture of gun powder; will have capacity of one ton a day at commencement. Plant is being financed by Jas. R. Baker, 632 S-Aurora St., and J. E. Morgan, 1015 W-Willow St., both of Stockton.

SAN MATEO, San Mateo Co., Cal.—Capitol Wood Co., of Tiffin, Ohio, manufacturing practice at cattle salts and special foods in addition to medicinal salves for livestock, will purchase a site and erect \$40,000 plant in San Mateo. Jas. Matthews of the Hotel St. Matthew will be San Mateo manager for the company.

EMERYVILLE, Alameda Co., Cal.—E. J. Chubuck Co., 6th and Carlton Sts., Oakland, has purchased site in Horton St. at the foot of 43rd St. and will erect a plant for the manufacture of bakery ovens; site has frontage of 180 ft. in Horton St. and depth of 200 ft.

SALINAS, Monterey Co., Cal.—Until Dec. 27, 2 P. M. bids will be received by H. P. Garin Co., 408 Sansome St., San Francisco, to erect 300-ft. warehouse on David Webster place on Castroville-Salinas road opposite Graves warehouse. Separate bids are wanted for furnishing labor and furnishing materials and labor. Plans obtainable from above office.

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ASZUSA, L. A. Co., Cal.—Theron Walker Bldg. & Const. Co., 614 Spruells Bldg., 714 S. Hill St., has completed working plans and has sent for list of out-molded bidders for 1st unit of out-molded factory at Azusa for Paramount Mfg. Co., Azusa; 1-story brick, 30x100 ft., plus exterior, masonry of concrete, steel sash, etc.; wood trusses, loading platform, etc. The price with concrete and steel has 2 bldgs., 30x300 ft. and 150x72 ft.

GOVERNMENT WORK AND SUPPLIES

Tucson, Ariz.—Medical division of Veterans' Bureau has recommended to Director Hines that 250-bed fireproof hospital be erected at Pastime Park here. Local relief organizations are working for 1000-bed hospital.

PUGET SOUND, Wash.—Until 11 A. M., Feb. 4, bids will be rec. by bureau of Yards and Docks, Navy Dept., Washington, D. C., for reinf. concrete pier at Puget Sound, 100 ft. wide and 1200 ft. long, with reinf. concr. and fill pier approach 149 ft. wide and 117 ft. long; spec. 5016 from bureau, Washington, or Commandant, navy yard, Puget Sound, upon deposit of \$20.

SEATTLE, Wash.—Until Dec. 26, 11 A. M., bids will be rec. by Alaska Railroad, 422 Bell Street Terminal, Seattle, to fur. and del. under Circular No. 646; pipe and fittings, tank steel, clam shell buckets, steel cable, rubber hose, fire plate steel, steel washers, electrical supplies, and miscellaneous hardware. Further information obtainable from San Francisco office of the commission, 510 Customhouse.

AMERICAN LAKE, Wash.—Following is list of prospective bidders to install refrigeration plant at Veterans' Hospital project, American Lake, bids for which will be opened by U. S. Veterans' Bureau, Washington, D. C., Dec. 30:

The Brecht Co., 12th St. and Cass Ave., St. Louis.

General Electric Co., Schenectady, N. Y.

Winkler Ice Machine Co., 2003 N. 29th St., Philadelphia.

Triumph Ice Machine Co., 25 Church St., New York City.

Automatic Refrigerating Co., Munsey Bldg., Washington.

PT. LOMA, Cal.—San Diego Consolidated Electric Co., San Diego, at \$3,293.34, time for completion 90 days, awarded cont. by Lighthouse Superintendent, San Francisco, to const. electric power line to Pt. Loma light station. Other bids: Globe Elec. Works, San Diego, \$4360; 45 days; Southern Elec. Co., San Diego, \$3747.50; 30 days; G. F. Cunningham, San Diego, \$4200.

PUGET SOUND, Wash.—Following is list of prospective bidders, in addition to those previously reported, to erect storehouse and quarters, under Specification No. 5003 at Puget Sound, bids for which will be opened by Bureau of Yards and Docks, Navy Department, Dec. 23:

John Douglas Co., 821 Union Trust Bldg., Washington.

Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa.

Grinnell Co., 601 Brannan St., San Francisco.

E. J. Rounds & Son, Walker Bldg., Seattle, Wash.

Royal Ventilator Co., 415 Locust St., Philadelphia.

W. F. Martens, 212 East Ave., Rochester, N. Y.

Phoenix Constr. Co., 41 Park Row, New York City, is a prospective bidder for repair and fitting out pier at Puget Sound, Wash., under Specification No. 5016, bids for which will be opened February 20.

SAN FRANCISCO—Until Dec. 24, 11 a. m., bids will be rec. by U. S. Engineering Office, 85 2nd St., under Order No. 5709-684, to fur. and del. Rio Vista Solano county, wire rope. Further information obtainable from above office.

PUGET SOUND, Wash.—Following is a list of prospective bidders for extension to Boiler Plant and Distributing system at Puget Sound, under Bureau of Yards and Docks Specification No. 5011, date for opening bids not set:

Rust Engineering Co., 311 Ross St., Pittsburgh.

Port Dodge Boiler Works, Fort Dodge, Iowa.

Austin Engineering Co., 121 W. 42nd St., New York City.

Virginia Engineering Co., Newport News, Va.

John W. Danforth Co., 70 Ellicott St., Buffalo, N. Y.

Newport Contracting & Engineering Co., Law Bldg., Newport News, Va.

A. D. Granger Co., room 1610 Park Row Bldg., New York City.

SAN FERNANDO, Cal.—Bids were received and opened Dec. 5, 1924, at 11 a. m. by Frank T. Hines, director of U. S. Veterans Hospital Bureau, Washington, D. C., to erect semi-ambulant building, infirmary, mens ambulant building, administration bldg., women's T. E. building, women's general medical building, recreation building, garage storehouse, laundry, attendant's quarters, nurses' quarters, Junior Officers' Duplex quarters, Senior Officers' Duplex quarters, M. O. C. quarters, gate house, septic tanks and house, steel water tank and concrete drainage bldg., for building construction, plumbing, heating, electrical work, elevators and refrigeration plant.

The bids were highly complicated, and the three lowest major items without telegraphic modification are: North Pacific Construction Co., 1605 W. 37th Pl., Los Angeles, \$650,000, low; Warner Contracting Co., Los Angeles, \$658,000; H. S. Williams, 12 Stevenson St., San Francisco, \$671,053.

Complete list of bids will be reported at a very early date.

HALLS AND SOCIETY BUILDINGS

Bids to be Taken on Revised Plans in Two Weeks.

BUILDING Cost, \$18,000

BRENTWOOD, Contra Costa Co., Cal. ONE-story frame and stucco American Legion memorial building.

Owner—Contra Costa County, J. Wells, Clerk.

Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Plans may be obtained from the County Clerk's Office at Martinez on a deposit of \$20.

Plans Complete. Cost, \$25,000

FRATERNITY HOUSE Stockton, San Joaquin Co., Cal., Fraternity Tract, north section of college campus.

Two-story and attic frame and brick veneer colonial style fraternity house.

Owner—Omega Phi Alpha.

Architect—J. U. Cloudsley, Stockton, Calif.

The working drawings have been completed and bids for general contract will be called for in about two weeks. The building will contain 10 double sleeping rooms in addition to lounging, billiard rooms, etc.

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Steel Contract Awarded.

LODGE & STORE Cost, \$100,000

MODESTO, Stanislaus Co., Cal. 13th and Eye Sts.

Three-story and basement brick and concrete lodge and store building (brick exterior).

Owner—Lodge & Protective Co. of Elks (Modesto Lodge, Geo. Dore, President).

Architect & Contractor—Davis-Heller-Pearce, Inc., Delta Bldg., Stockton.

Steel contract awarded to Schrader Iron Works, 1247 Harrison Street, San Francisco, at approximately \$3800.

Sub-figures are being taken on all other portions of the work.

Plumbing Contract Awarded.

CLUB HOUSE Cost, \$75,000

BELMONT, San Mateo Co., Cal. Two-story and basement frame and stucco club house with asbestos shingle roof and concrete swimming pool 100 feet long.

Owner—Belmont Country Club.

Architect—Benj. Schreyer, 105 Montgomery St., San Francisco.

Contractor—Dawsett-Ruhl Co., 77 O'Farrell St., San Francisco.

Contract for plumbing has been awarded to Ahbach & Mayer, 85 Dorland St., San Francisco.

As previously reported contract for reinforcing steel was awarded to Badt-Falk Co., Call Bldg.

NEWMAN, Stanislaus Co., Cal.—Newman Post, American Legion, plans early construction of community clubhouse on lots recently purchased in O street, in vicinity of Carnegie Library; est. cost, \$15,000.

PORTLAND, Ore.—Arch. A. E. Doyle Worcester Bldg., taking bids for part one and four-story reinforced concrete annex to 306 S. St., at 6th and Yamhill Sts., for Y. M. C. A.; will have brick exterior.

HOLLISTER, San Benito Co., Cal.—Hollister Women's Club, Mrs. E. J. Sherman, president, has purchased site in Washington street and will erect modern club building.

HOSPITALS

Contract Awarded.

ADDITION Cost, \$40,000

SAN JOSE, Santa Clara Co., Cal. O'Connor's Sanitarium.

Two-story frame and stucco shingle roof addition to hospital for nurses' quarters.

Owner—O'Connor Sanitarium, San Jose.

Architect—Wolff & Higgins, Auzeais Bldg., San Jose.

Contractor—Magna & Newell, 35 W. Santa Clara St., San Jose.

SACRAMENTO, Cal.—Architect R. A. Herold, Forum Bldg., Sacramento, has completed preliminary plans for proposed insane ward to be erected at county hospital grounds.

SARACENTO, Cal.—Henry Mitau of Sacramento has donated \$10,000 as part of the cost to erect a new dormitory building for boys at the Sacramento Orphanage. Plans for the structure are now being prepared by Architects Dean & Dean, City Library Bldg., Sacramento.

MONROVIA, Los Angeles Co., Cal.—City of Monrovia, Harry Scortell, city manager, has opened tract of land at mouth of Monrovia Canyon, to provide sites for tuberculosis hospitals which must remove outside city limits by April 1, 1925.

EUREKA, Humboldt Co., Cal.—F. A. Hamilton, San Francisco, at \$317, awarded contract by county supervisors to fur. and install sterilizer plant in Isolation Ward, county hospital.

HOTELS

Excavating and Structural Steel Contract Let.
STORE & HOTEL Cost, \$200,000
OAKLAND, Alameda Co., Cal., 15th & Jefferson Sts.
 Six-story and basement steel frame, brick and terra cotta store and hotel (110 rooms 100% baths).
 Owner—Coit Investment Co., Architect—Leonard H. Ford, 346 14th St., Oakland.
 Contracts have been let on:
 Excavating to J. Cathead, 1212 18th Ave., Oakland.
 Structural steel to Judson Mfg. Co., Park Ave., Oakland.

To be Done by Day's Work and Seg-regated Contractors Cost, \$400,000
HOTEL
SAN FRANCISCO. N Sutter and W Leavenworth Sts.
 Six-story and basement reinforced concrete hotel.
 Owner—Wm. Helbing, 1332 Lombard St., San Francisco.
 Designer and Contractor—The Helbing Co., 1332 Lombard St., S. F.

Preliminary Plans Completed.
HOTEL Cost, \$450,000 Approx.
BURLINGAME, San Mateo Co., Cal.
 Cor. Bellevue and El Camino Real
 Four-story reinforced concrete and hollow tile brick Class A hotel (125 rooms and baths).
 Owner—Corporation being formed including J. H. Van Horn et al.
 Architect—Geo. Rushforth, 354 Pine St., San Francisco.

Hotel will probably be known as Hotel Burlingame and will be managed by J. H. Van Horn. There will be a large ballroom, a magnificent large dining room, spacious porches, and an elaborate lobby. The building will be on a two-acre tract of property and beautiful effects in landscape gardening will be worked out on the site. There will be a children's playground in the building and large playgrounds for them on the grounds.

SEATTLE, Wash.—Archs. Wilson & Jones, Arcade Bldg., have completed plans and work will be started Jan. 1 by E. C. Peters, the owner, 316 Railway Exchange Bldg., on a five story masonry hotel in 8th Ave near Union St.; will contain 98 rooms and 60 baths; brick exterior trimmed with terra cotta. Owner will build by day work and sub-contracts.

SANTA MONICA, L. A. Co., Cal.—Treshitt & Shields, Western Mutual Life Bldg., Los Angeles, have contract for 11-story class A apt. and hotel bldg at 319 Ocean Ave., Santa Monica, for Shoreham Hotel Co., 124 San Vicente Blvd., Santa Monica; lobby, diningrms., kitchen, shops and stores, ballrm., 556 rms. divided into 250 apts.; Davies & Baume, 1010 Farmers & Merchants Bank Bldg., Long Beach, archts.; 226 by 150 ft., reinf. conc., press. br. and terra cotta facing, comp. rfg., basement, steam htg. sys., 6 elec. elevators, pine and hwdw. trim, tiled baths, marble work; \$1,500,000. Work will start in about 4 months.

TUSCON, Ariz.—See "Government Work & Supplies," this issue. Construction recommended.

BRAWLEY, Imperial Co., Cal.—Geo. Kreuger, Wm. Walters, Geo. Lack and Wm. Lowther have formed company to rebuild Dunlack Hotel. It will contain 50 rooms; fireproof construction. Cost, \$150,000.

BAKERSFIELD, Kern Co., Cal.—Hockenbury System, Inc., a national organization financing hotel construction, through its western representative Louis D. Barr, announces it will finance the erection of a \$600,000 Class A hotel building, 4 stories in height, at 17th and C streets. Spanish Mission type of architecture is contemplated. Site is 158x164x264 ft.

ICE AND COLD STORAGE PLANTS

LONG BEACH, Los Angeles Co., Cal.—W. Jay Burgin, 401 Pacific S. W. Bldg., Long Beach, has contract for 2-story and basement, 21-room brick office and ice cream plant at 2025 E. Anaheim, Long Beach, for Long Beach People's Ice & Cold Storage Co. Victor E. Siebert and Vera D. Hedden, 210 Brock Bldg., Long Beach, designers.
 X11 ft., reinforced concrete, brick walls terra cotta trim, composition and tile roofing, cement tile and terrazzo floors, plate glass, ornamental iron, steel sash, vault, hydro electric elevator, concrete loading platform in rear. Cost, \$35,000.

TOMBSTONE, Ariz.—See "Power Plants," this issue. To be bid.

POWER PLANTS

TACOMA, Wash.—Bids will be asked at once by city commissioners to const. 3-sto. reinf. conc. Cushman power project sub-station; est. cost, \$150,000
 Ira S. Davissom, commissioner of light and power.

WALLA WALLA, Wash.—Pacific Light & Power Co., during 1925 will expend \$167,000 in power developments in the Walla Walla district. Sub-station additions and power lines are included in the program.

LOS ANGELES, Cal.—Westinghouse Elec. & Mfg. Co., sub. low bid to Pub. Pow. Comm. at \$720 for 1000 fu. switches under spec. P-337. Pacific States Elec. Co. bid \$10 each.

W. W. Kirk only bidder at \$9.25 each for 1000 throttle-fuses under spec. P-335. Bid 1. o. b. 1630 N. Main St.

TOMBSTONE, Ariz.—Election to be held Jan. 12 to vote bond issue for electric light plant and city ice plant.

GLENDALE, Cal.—Until 10 a. m., Dec. 20 bids will be rec. by city for one 120 K. V. A. O. I. S. C., 3-phase aut. induction regulator, with thermometer and control apparatus; operating motor to operate on 3-phase 220-volt, 50-cycle current. A. J. Van Wie, city clerk.

PUBLIC BUILDINGS

Bldg. Being Taken.
WATSONVILLE, L. T. C. Cost, \$—
WATSONVILLE, Santa Cruz Co., Cal.
 Van Ness Ave. near Second St.
 Two-story reinforced concrete and hollow tile firehouse and 4-room and bath apartment for fire chief, 35x 50 feet.
 Owner—City of Watsonville.
 Architect—Ralph Wenzel, Growers Bank Bldg., San Jose.
 Bids will be opened Jan. 6, 1925, at 8 P. M. at the City Hall, Watsonville. Plans are being taken for a general contract.

Cork Flooring and Tile Work Sub-Contract Awarded.
CHALET Cost, \$43,450
SAN FRANCISCO. W Border Golden Gate Highway SE of present chalet
 Concrete beach chalet.
 Owner—Board of Park Commissioners, San Francisco.
 Architect—Willis Polk & Co., Hobart Bldg., San Francisco.

Contractor—Barrett & Gil, 918 Harrison St., San Francisco.
Cork Flooring to David E. Kennedy, Inc., 55 New Montgomery St., S. F.
The Work for Mallott & Peterson, 2412 Harrison St., San Francisco.

Contracts previously awarded are: Dumb waiter to Pacific Elevator Bq. Co. finish hardware to Joost Bros.; glass to Tyre Bros.; electrical work to Watts Elec. Co., 202 4th St., San Francisco; plumbing to F. W. Snook & Son, 596 Bay St., San Francisco; sheet metal work to Western Furnace & Corline Works, 202 Brennan St., S. F.; the roof to United Materials, 55 New Montgomery St., S. F.; heating, plastering and painting contracts to be awarded shortly.

PORTLAND, Ore.—Arch. Lee A. Thomas, U. S. National Bank Bldg., commissioned to prepare plans for \$500,000 Oregon Agricultural College Memorial Building; reinforced concrete construction.

LOS ANGELES, Cal.—B. V. Collins, 1431 E 16th St., awarded cont. by L. A. county at \$44,650 for marble and tile for unit No. 1, Museum of History, Science and Art, Exposition Park. Plans by Allied Archts. Assn., 1136 Citizens Natl. Bank Bldg.

VALLEJO, Solano Co., Cal.—County of Solano will co-operate with Vallejo city council in erecting new city hall building. A bond issue is proposed to finance the city's share of the cost. A \$175,000 structure is contemplated. The county will share in the cost of the structure due to the fact that provision will be made for county jail quarters.

EUREKA, Humboldt Co., Cal.—Fred J. Maurer & Son at \$3,313.64 submit low bid to county supervisors to paint county jail building Nelson Bros., \$1249, only other bidders. Bids taken under advertisement.

SAN FRANCISCO—Board of Public Works requests authority of supervisors to prepare plans and specifications to remodel heating system in Hall of Justice.

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Res. 4201 Mission St.
Phone Randolph 6932

SAN FRANCISCO—Until Dec. 20, 3 p. m. bids will be rec'd by Leonard S. Lusk, city auditor, at 220 City Hall, to fur. urinala. Specifications and additonal information obtainable from above office.

LOS ANGELES, Cal.—Elec. Light & Supply Co., 211 W. 2nd St., sub. low bid to L. A. county Dec. 15, at \$20,000 for elec. distrib. sys., power, telephone, fire alarm and watchman's sys. for unit No. 1, Museum History, Science & Art, Exposition Bldg. Plans by Allied Archts. Assn., 1136 Citizens Natl. Bank Bldg.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, \$11,500
FRESNO, Cal. Home Avenue.
Frame and stucco residence.
Owner—Ben Kaufmann, 3418 Huntington Blvd., Fresno.
Contractor—S. L. Allen, 530 Forecamp Fresno.

Plans Complete, Bids Being Taken for General Contract.
TWO-STORY BLDG. Cost, \$15,000
SAN FRANCISCO, Sea Cliff W side Lake St., S Camino Del Mar.
Two-story and basement frame and plaster exterior.
Owner—William N. Klinger, 60 Palm St., S. F.
Architect—Mel Schwartz, 1202 Nevada Bank Bldg., S. F.

Owner to Take Segregated Figures Shortly.
BUNGALOWS GARAGES
Cost, \$5,000 to \$6,000 ea.
SAN FRANCISCO, Westwood Park.
Ten frame and stucco 5-room bungalows and garages.
Owner—The Key Co., San Francisco.
Architect—Willis Lowe, 681 Market St. San Francisco.

Contract Awarded.
RESIDENCE Cost, \$15,000
SAN FRANCISCO, Sea Cliff W side Lake St., S Camino Del Mar.
Two-story and basement frame and plaster exterior residence.
Owner—William N. Klinger, 60 Palm Ave., San Francisco.
Architect—Mel Schwartz, 1202 Nevada Bank Bldg., San Francisco.
Contractor—John Spargo & Son, 240 Montgomery St., San Francisco.

Sub-Figures Being Taken.
DWELLING Cost, \$9,500
OAKLAND, Alameda Co., Cal. Lake-shore District.
Two-story English style frame and stucco dwelling and garage.
Owner—W. H. Chiolek, 824 Walker St., Oakland.
Contractor—F. M. Reimers, Tribune Tower Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, S San Anselmo Av., 150 E Santa Clara.
Two-story and basement frame residence.
Owner—Westgate Park Co., 2738 Post St., San Francisco.
Architect—Roland Irving Stringham, 250 California St., S. F.
Contractor—H. Papenhausen, 352 3rd Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, SW Monterey Blvd. and San Benito Way.
Two-story and basement frame residence.
Owner—A. Sager, St. George Hotel, San Francisco.
Architect—Roland Irving Stringham, 250 California St., S. F.
Contractor—H. Papenhausen, 352 3rd Ave., S. F.

Contract Awarded. Cost, \$11,500
SAN FRANCISCO, E Dewey Blvd. 51 S Laguna Honda.
Two-story and basement frame residence.
Owner—Wm. Sciotto, 4811 Dewey Architect—None.
Contractor—A. C. Hamerton, 481 Dewey Blvd., San Francisco.

Sub-Figures to be Taken Shortly.
BUILDING Cost, \$7,500
PIEDMONT, Alameda Co., Cal. Blair Street.
One and one-half-story Colonial type frame building.
Owner—Mr. and Mrs. John Haversham, Grand Ave., Oakland.
Architect—F. H. Reimers, Tribune Tower, Oakland.

SONOMA, Sonoma Co., Cal.—R. C. Lane, Sonoma, at approx. \$15,000 has contract to erect residence in Main St. for Emil Pinelli.

PASADENA, L. A. Co., Cal.—The Homan Co., 379 E Colorado, Pasadena, has contr. for 2-story and basement, 13-room residence at 600 Burleigh Dr., Pasadena, for Millbank Johnson, Wallace Neff, 401 Slavin Bldg., Pasadena, archt.; \$18,118 ft. rfr., reinf. conc. walls, plas. exterior, tile rfr., metal lath, wr. iron, hdwd., cem. and tile fls., cast stone entrance, cast stone and tile mantels, 6 tiled baths, tile drainbds., ornam. iron, unit htg.; \$45,000.

PASADENA, L. A. Co., Cal.—John H. Simpson, 585 S Euclid Ave., Pasadena, has contr. for 2-story 9-room residence at Puente Rd., Pasadena, for Mr. and Mrs. Carl C. Thomas, Harold H. Martin 301 Slavin Bldg., Pasadena, archt. Frame and conc. tile rfr., hdwd. fls., pine trim, 2 tile baths and lavatory, tile drainbds., tile mantel, wr. iron, steel sash, unit sys. htg., aut. water htr.; \$25,000.

FRESNO, Fresno Co., Cal.—Billings and Meyerling, 1923 Mariposa St., plan construction of 30 new homes in Sierra Vista Addition early in 1925. Total estimated cost \$100,000.

FRESNO, Fresno Co., Cal.—Craycroft Brick Co., Mattel Bldg., through Wm. Turner, sub. announces it will const. three 5 & 6-room bungalows in Madison and Grant Aves., bet. 12th and Barton Aves. Other homes are planned following the completion of these.

SCHOOLS

Preliminary Plans Complete.
BUILDINGS Cost, \$350,000
Equipment, \$50,000
SACRAMENTO, Sacramento Co., Cal., Freeport Blvd.
Group of college buildings consisting of administration bldg., 2 science bldgs., gym and auditorium combined; steel and brick construction on all buildings.
Owner—City of Sacramento.
Architect—Deas & Deas, Calif. State Life Bldg., Sacramento.
Plans have been prepared and have been submitted to Bd. of Education, and will probably be approved at their next meeting Dec. 22, 1924.

Contracts Awarded.
SCHOOL Cost, \$—
SAN FRANCISCO, 33rd Ave. bet. California and Clement Sts. (Alamo School).
Two-story reinforced concrete & brick school.
Owner—City and County of San Francisco.
Architect—Miller & Pfueger, Mills Bldg., San Francisco.
General contract to Jas. L. McLaughlin at \$31,600.
Electrical work to Pacific Elec. Const. Co., 1496 Mission St., at \$10,425.
Plumbing to Thos. Skelly, 1344 9th Ave. at \$15,000.
Mechanical equipment to Knittle-Cashel Co., 224 5th St. at \$13,604.

Plans Completed—Bids to be Called for Shortly. Cost, \$18,000
TIBURON SCHOOL DISTRICT.
One-story frame and stucco school.
Owner—Tiburon Grammar School Dist.
Architect—Norman Coulter, 46 Kearny St., San Francisco.

ALBANY, Ore.—Arch. F. Manson White, Sherlock Bldg., Portland, completes plans for first unit of Greater Albany College; est. cost, \$75,000.

Preliminary Drawings Approved.
HIGH SCHOOL Cost, \$800,000
SAN FRANCISCO, Goettingen, Burrows, Girard and Bacon Sts.
Concrete, brick and steel Junior High School.
Owner—City and County of San Francisco, (Portola Junior High School)
Architect—Bernard J. Joseph and Louis S. Stone, New Cal Bldg., San Francisco.

LONG BEACH, Los Angeles Co., Cal.—Until 8 P. M., Jan. 12, 1925, bids will be received by Board of Education of Long Beach School District at 439 Markwell Bldg., Annex, Long Beach, for addition to Fremont School at Vermont and Roswell, Long Beach. Separate bids will be taken on general contract, plastering, painting, plumbing, electrical, heating and ventilating. Plans and specifications on file with G. W. Scott, 328 Markwell Bldg., Annex, Long Beach. Deposit of \$10 for plans to be refunded. Allison & Allison, 1405 Hibernian Bldg., Los Angeles, and Alexander Law, Long Beach, associate architects. Certified check or bond, 5%. A. C. Price, Secretary.

TRACY, San Joaquin Co., Cal.—Trustees of Tracy Union High School District authorize preparation of plans for 4-classroom addition to high school.

SAN RAFAEL, Marin Co., Cal.—C. A. Waterhouse & Sons, \$1475 awarded contract by Board of Education to fur. and install Durabilt lockers in high school.



**All-Key
Plaster Lath**

(Patented)
100% Mechanical Key.

**Plaster
Wall Board**

(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 23, 7:30 P. M., bids will be received by Walter L. Bachrodt, Secretary, Board of Education, to furnish and install blackboards in two junior high school buildings. Specifications and further information obtainable from above office.

VALLEJO, Solano Co., Cal.—Bids were opened on December 16, 1924 at 8 P. M. in the office of the Board of Education, Elmer L. Cave, Secretary, for the construction of Senior High School gymnasium building. Plans by W. A. Jones, Vallejo. The bids were rejected as being too far in excess of engineer's estimate at \$10,000.

Bids were:
J. F. Fuller, 221 Gleason St., Vallejo, (1) \$14,619, (2) \$15,119.
James Bitcon, 615A Louisiana, Vallejo, (1) \$16,384, (2) \$16,997.
F. H. Warren, (2) \$19,200.
Baruch and Fagnani, (1) \$24,970, (2) \$25,670.
Nels Horkinson, (1) \$25,400, (2) \$26,600.

EL CERRITO, Contra Costa Co., Cal.—Bids were opened by W. T. Helms, clerk, in the office of the Richmond School District, Lincoln School, 235 Tenth St., Richmond, for the construction of an additional wing to the Fairmont School, El Cerrito, also separate bids for heating system in same. Plans of building are by Jas. T. Narbett, 906 Macdonald Ave., Richmond. Heating Engineers are Leland & Haley, 58 Sutter St., San Francisco.

Bids are as follows:
General
Carl Overaa, 2105 Roosevelt, Richmond; awarded \$23,300
P. M. Sanford 23,800
Murch & Williams, Constr. Co., 25,535
Conner & Conner 25,975
Hanson, Robertson & Zumwalt, 26,000
Cobby & Owsley 27,340
J. E. Branagh 27,438
F. R. Segrist Co. 29,977

Heating
J. G. Grierson, 761 22nd St., Richmond; awarded \$2,272
J. Edwards 2,403
Scott Co. 2,450
W. J. Vays 2,541
W. H. Pickard 2,598
Geo. A. Schuster 2,682
W. K. Nottingham 3,188

LOS ANGELES, Cal.—Archts. Jeffery & Schaefer, 1104 Kerckhoff Bldg., are competing working plans for senior high sch. at Franklin high sch. site, Ave. 54 and Hudd St., for bd. of educ.; auditorium bldg. to seat 2000 with music and English classrooms, and a 20-ft. classrm. bldg. with manual arts and domestic science and cafeteria depts. 2-sto. and basement, brick reinf. conc. corridor and stair constr., plas. exter., comp. rfs., maple and oem. fls. steam htg. sys., pine trim, tile and marble wk., slate blackbds.; \$360,000.

LOMITA, Los Angeles Co., Cal.—Architect Albert C. Martin, 228 Higgins Bldg., has completed plans for high school buildings at Lomita. Administration and classroom building, 3-story, 70x287 ft.; 1-story manual art building, 32x84 ft.; 1-story domestic science building, 32x84 ft.; auditorium building, 120x70 ft. and two one-story shower and locker rooms. Brick construction, cast stone trim, cement and maple floors, steam heating. Cost, \$350,000. The board of education will advertise for bids shortly.

TURLOCK, Stanislaus Co., Cal.—Swensen & Bengstron, Turlock, award. contr. at \$71,278 for reinf. conc. high school auditorium to seat 1300.

EVERETT, Wash.—Jarl & Lasker, Great Falls, Montana, at \$192,000 submit low bid to School District No. 24, Snohomish County, to erect North Side Junior High School; 3-story and basement, brick with terra cotta trimmings; 40 classrooms, auditorium, gymnasium, etc. Morrison & Simson, architects, Lumber Exchange Bldg., Seattle.

SAN RAFAEL, Marin Co., Cal.—Board of Education has authorized the grading of proposed athletic field at high school. Est. cost, \$2000.

MANHATTAN BEACH, L. A. Co., Cal.—Until 7:30 p. m., Jan. 5, bids will be rec. by trustees of Manhattan Beach city school dist. for auditorium for Manhattan Beach school in accordance with plans and spec. on file at office of Archts. Train & Williams, 227 Western Mutual Life Bldg., 321 W 3rd St., Los Angeles. Bids will be taken separately on (1) general, (2) plumbing, (3) electrical, (4) painting, and (5) gas radiator, heating and ventilating work. Gert. check or bond 5%. W. L. Robbins, clerk. One-story, 114x82 ft., stucco over brick exte., comp. rf., est. \$25,000.

SAN FRANCISCO—I. M. Sommer & Co., 901 Bryant St., general contractors of the Francisco school, Bay and Powell Sts., has sub-let plastering and lathing contract in connection with the work to James F. Smith, 273 Mina Street.

NEWHALL, Los Angeles Co., Cal.—Until 7 P. M., Dec. 28th, bids will be received by the Board of Trustees of Newhall School District for 1-story 6-room classroom and auditorium grammar school at Newhall; bids will be received separately on (1) general contracting, (2) plumbing, (3) heating; Arthur W. Angel, architect, 3404 1/2 Whittier Blvd., Los Angeles. Allow

tile, plaster exterior, tile roofing, 167x 160 ft., maple floors, cement toilets, gas heating, pine trim, blackboards. Plans and specifications on file at office of the architect; deposit of \$10. Certified check or bidder's bond for 5%.

GAIT, Sacramento Co., Calif.—Trustees of Galt Joint Union High School have called another bond election to be held December 20th, 1924, for \$120,000. Bond election previously held failed to carry. Plans have been completed for a one-story brick and concrete 16-room and auditorium, school building by Davis-Heller-Pearce Co., Delta Bldg., Stockton.

GRATON, Sonoma Co., Cal.—Arthur B. Tenney, president of Pacific Christian Academy here, announces plans are being made for a new building which will house additional classrooms, study rooms, library, offices and an auditorium seating 400.

MADERA, Madera Co., Cal.—Until Dec. 26, 5 P. M., bids will be received by H. C. Austin, clerk, Madera School District, to fur. and install safe and filing devices in school. Specifications and further information obtainable from clerk on request.



WHEN JOHN Dale, principal.
OF THE Sacramento High School.
AND SANDY Pratt, President.
OF THE Pratt Building Material Co.
OF MARYSVILLE, Sacramento.
PRATTROCK (NEAR Folsom).
PRATTICO (MONTEREY County).
AND SAN Francisco.
WERE KIDS.
DOWN IN Tulare.
SANDY WAS "religiously" inclined.
(JUST BEFORE Xmas).
AND DURING each December.
ATTENDED SUNDAY School 100%.
EITHER AT the Methodist.
OR CHRISTIAN Church.
OR THE one that planned.
THE LARGEST Xmas tree.
AND MOST elaborate presents.
FOR THE Sunday school children.
THE SUNDAY school room.
DURING EACH December.
WAS TOO small.
TO HOLD the multitude.
OF GOOD boys and girls.
WHO PUT the Sunday school.
AHEAD OF play or fun.
BUT JANUARY.
SAW THE attendance drop off.
AND BY February.

THE SUNDAY school had chairs.
TO SELL.
ANOTHER THING about Sandy, producer.
OF CRUSHED rock or gravel.
AND CLEAN, sharp sand.
DURING EACH December.
OF SANDY'S young life.
SANDY KEPT the woodbox full.
AND RUNNING over.
SANDY NEVER (in December).
CAME TO the table.
WITHOUT CLEAN hands.
AND HAIR combed.
AND SANDY'S hat or shoes.
NEVER LAID around.
ON THE floor.
"I THANK you."



Sandy Pratt (now producer of clean, sharp, sand, hard, crushed rock and washed gravel) "driving" home from the Sunday school Xmas tree at the Methodist Church in Tulare when Sandy was a boy.

OAKDALE, Stanislaus Co., Cal.—Until Jan. 12, bids will be received by E. M. Kimball, Sec'y., Oakdale High School District, to fur, and install 40 pupils' desks and one teacher's desk and chair in high school. Additional information obtainable from secretary.

BANKS, STORES & OFFICES

Contract Awarded.
BUILDING Cost, \$20,000
OAKLAND, Alameda Co., Cal. Cor. 25th and Broadway.
One-story brick and concrete store building.

Owner—D. J. Sullivan, 918 Harrison St., S. F.
Architect—W. H. Toepke, 72 New Montgomery St., S. F.
Contractor—Barrett & Hilp, 351 12th St., Oakland.

Contract Awarded.
BUILDING Cost, \$26,000
SAN MATEO, San Mateo Co., Cal., Ellisworth and Baldwin Aves.
One-story concrete building.
Owner Joel W. Kaufman, trustee, 160 W. Poplar St., San Mateo.
Architect—W. N. Toepke, 72 New Montgomery St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Bids Being Taken on Roofing and Metal Sash.
LOFTS Cost, \$16,000
SAN FRANCISCO—W 10th St., 175 S Market St.

Two-story and basement brick lofts building.
Owner—Symon Bros., 1525 Market St., San Francisco.
Architect—None.
Work is being done by day's labor.

Plans Being Prepared.
ALTERATIONS Cost, \$10,000
OAKLAND, Alameda Co., Cal., Grand Ave. near Santa Clara.
Alterations on 2-story dwelling; raising floor for stores, etc.
Architect—Schlimer Bugbee Co., Thayer Bldg., Oakland.

Contract Awarded.
STORE BLDG. Cost, \$50,000
BURLINGAME, San Mateo Co., Cal., Primrose Rd. and Burlingame Ave.
One-story and mezzanine Class C store building.
Owner—Levy Bros.
Architect—E. L. Norberg, 593 Market St., San Francisco.
Contractor—Leadley & Wiseman 207 2nd St., San Mateo.
Contract was let on cost plus basis.

Contract Awarded.
ADDITION Cost, \$22,840
ALAMEDA, Alameda Co., Cal. No. 2152 Central Avenue.
Addition to main office building.
Owner—Pacific Tel. & Tel. Co.
Architect—E. V. Cobby, Bldg. Engineer, 333 Grant Ave., San Francisco.
Contractor—Mason Bros., 251 Kearny St., San Francisco.

Planned.
STORE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal., corner Franklin & Hobart Sts.
Eight-story class A furniture store building.
Owner—John Breuer Company, 281 Geary St., San Francisco.
The store planned is entirely separate from the company now located in Oakland, being owned and managed exclusively by the San Francisco store. The present Oakland store and the S. F. store are not affiliated as commonly supposed. Building will not be started for about two months, it is understood.

Bids Being Taken From a Selected List of Contractors.
BANK & OFFICE Cost, \$150,000
OAKLAND, Alameda Co., Cal., Broadway and Fourteenth Streets.
Seventeen-story Class A bank and office building.
Owner—Central National Bank.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Bids are being taken from a selected list of contractors and will be opened December 29, 1924.

Additional Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$2,300,000
SAN FRANCISCO, New Montgomery
Twenty-six-story Class A steel and reinforced concrete office building with terra cotta exterior.
Owner—Pacific Telephone & Telegraph Company.
Architect—Miller & Pfueger, Associated with A. A. Cantin, Foxcroft Bldg., San Francisco.
Contractor—Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S. F.
Ornamental Iron—Peerless Ornamental Iron & Bronze Co., 1528 Folsom St., San Francisco, \$60,510.
Vault Doors & Locks—The Hermann Safe Co., 216 Fremont St., S. F., \$5300.

Sub-Figures to be Taken Next Week.
OFFICE BLDG. Cost, \$300,000
SAN FRANCISCO, W Sansome St. S. California St.
Eight-story Class A office building.
Owner—Fireman's Fund Ins. Co., 315 Montgomery St., San Francisco.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.
Structural steel awarded to Pacific Rolling Mill Co., 17th and Mississippi Sts., San Francisco.
Bids will be taken on all other portions of the work.

Additional Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$35,000
SAN FRANCISCO, Ocean Avenue and Watson Street.
One-story reinforced concrete branch Post office building.
Owner—Louis R. Lurie Co.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Lessees—United States Government.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.
Roofing to Jas. Cantley, 180 Jessie St.
Sheet metal work to Guilfoyle Corbice Works, 1234 Howard St.
Marble to Elsele & Bondero Marble Co., 2395 3rd St.
Terrazzo to M. H. Nichols.
Patent flues to Chas. Amsler Co., 25 Shotwell.
Grading to Granfield Co., 180 Jessie St.
Contracts previously awarded are reinforcing steel awarded to Gunn Carle & Co., 444 Market St., S. F.; plastering to Francis O'Reilly, 180 Jessie St., S. F.; electrical work to Fred Wilson Co., 520 Valencia St., S. F.; plumbing and heating to J. J. McLeod, 1246 Golden Gate Ave., S. F.; mill work to Empire Mill, 750 Bryant, San Francisco; lumber to J. H. McCallum, 743 Bryant St., San Francisco; steel sash to U. S. Metal Products, 330 10th St., S. F.

Plans Complete.
ALTERATIONS Cost, \$10,000
SAN FRANCISCO, 532 Grant Ave.
Remodel 3-story brick building for restaurant quarters.
Owner—Shan Kong Association, Inc., 454 Montgomery St., S. F.
Architect—Shea & Shea, 454 Montgomery St., S. F.

CLAWSON PATENT CHIMNEY CO.

CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market

CLAWSON'S FURNACE GRATE for Gas, Coal or Wood

CLAWSON'S HOODS AND DAMPERS for Open Fireplaces

Experts in Curing Smoky Flues and in Ventilating

Terra Cotta and Galvanized Iron Chimney Tops Erected
Chimney Sweeping

149 GOUGH STREET
Phone RA 6092 San Francisco

Electrical Contract Awarded.
WIRING Cost, \$11,559
EMERYVILLE, Alameda Co., Cal., Central Warehouse Group.
Electric wiring system.
Owner—Pacific Gas & Electric Co.
Architect—Owner.
Consulting Engineers—Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—California Electric Construction Co., 687 Mission St., S. F.

Contract Awarded.
STORES, ETC. Cost, \$30,000
BAKERSFIELD, Kern Co., Cal. 15th and P Streets.
Two-story reinforced concrete and steel stores and office building, 100 x125 ft.
Owner—Kern Grocery Co., A. I. Foute, Gen. Mgr., 16th and P Streets, Bakersfield.
Architect—Chas. H. Biggar, Bank of Italy Bldg., Bakersfield.
Contractor—Currie & Dulgar, 1604 17th St., Bakersfield.

Elevator Contract Awarded.
OFFICE & STORE Cost, \$150,000
OAKLAND, NE Cor. Hobart and Webster Sts.
Three-story Class C office and store building.
Owner—Builders Exchange Holding Corporation, 351 12th St., Oakland.
Architect—Howard Schroeder, 357 12th St., Oakland.
Mgr. of Construction—J. S. Magnanini, 606 36th St., Oakland.
E. M. Tilden is president of Builders Exchange and W. Shaw, secretary.
Contract for one passenger elevator was awarded to General Elevator Co., 1159 Howard St., S. F.

Sub-Contracts Awarded.
STORE & LOFT Cost, \$90,000
OAKLAND, Alameda Co., Cal. W Telegraph Ave. 105 N Sixteenth St.
Six-story concrete store and loft building.
Owner—D. J. Sullivan, 918 Harrison St., San Francisco.
Architect—J. J. Donovan, Tapscott Bldg., Oakland.
Contractor—Barrett & Hilp, 357 12th St., Oakland.
Millwork—Contractors & Builders Supply Co., 5th and Cypress Sts., Oakland.

Plumbing—Scott Co., 381 11th St., Oakland.
Electrical Work—Boynnton & Reed, 351 12th St., Oakland.
Contracts previously awarded are: Heating to Scott Co., 381 11th St., Oakland. Steel sash to U. S. Metal Products, 330 10th St., San Francisco. Sprinkler system to Grinnell Co., of the Pacific, 5th and Brannan Sts., San Francisco. Elevator to Spencer & Co., 166 7th St., San Francisco. Fire escapes to Folsom Street Iron Works, 18th and Folsom Sts., San Francisco. Lumber to Sunset Lumber Co., 1st and Water Sts., Oakland.
Sub-bids are being taken on other portions of the work.

Segregated Figures to be Taken by Owners.
STORES Cost, \$16,000
SAN FRANCISCO, E Castro St. bet. 17th and 18th Sts.
One-story reinforced concrete store building, (4 stores).
Owner—Klernan & O'Brien, Alexander Bldg., S. F.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Plans will be ready for figures at end of this week.

Contract Awarded for Excavating, Grading, Piling, Etc.
BUILDING Cost, \$50,000
SAN FRANCISCO, W Embarcadero 45.10 N Howard.
One-story class C store building with wooden pile foundation.
Owner—Pope & Talbot Land Co.
Architect—E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—M. B. McGowan, 180 Jessie St., San Francisco.
Bids for general contract will be opened Dec. 31, 1924.
Contract to be awarded shortly for pile foundations, excavating and pumping.

Bids For General Contract to be Taken
First of Next Week
BUILDING Cost, \$40,000
LOS ANGELES, Los Angeles Co., Cal.
Hewitt & Sons, Inc., architects.
Class C brick, cement and
plaster exterior bays bldg.
Owner—Bank of Italy.
Architect—H. A. Mott, Bank of Italy
Bldg., Market, Powell & Eddy Sts.,
San Francisco.

LONG BEACH Los Angeles Co., Cal.—
Wm. J. Reed, 311 1/2 S. 1st St., Southwest
Bank Bldg., Long Beach, awarded con-
tract at \$80,895, work complete, for 3-
story Class C building, 100x150 ft., on
Ocean Blvd. W. of new West Coast
theatre, for Gore Bros., Sol Lesser and
Adolph Ramish of West Coast Theatres
Co., Walter Horne and L. E. Barker.
Plans by L. A. Smith, Lilly-Fletcher
Bldg., 3rd St. and Western Ave., Los
Angeles; 5 stores, cafe and studios;
pressed brick and terra cotta front,
plate glass and marble, composition
roof, structural steel.

SAN JOSE, Santa Clara Co., Calif.—
Although no definite plans have been
made, it is understood that the Mer-
cantile Trust Co. will enlarge their
present banking quarters by building
an addition on the site where the Car-
michael Bldg. now stands. Further re-
port will be given at a later date.

LOS ANGELES, Cal.—Arch. William
Mellem, 1012 Central Bldg., is pre-
paring working plans for 1-story top
add. and 2-story rear add. to 1-story
brick stores at n.w. cor. Sunset Blvd.
and Gardner St. for a local client; of-
fices and aptes. rear add. is 35x50 ft.
and top add. 70x75 ft. glazed and ruf-
fled br. facing, comp. rig., struc. steel,
plate glass, cem. and hdwd. fls., pine
trim, wall beds, tile baths and drain-
boards, water hrs.

MERCED, Merced Co., Cal.—J. N.
Fritz, Merced, at approx. \$10,000
is awarded contract by New Bakery, 432
17th St., Merced, to erect one-story (2)
stores, 50 by 75 ft.: W. E. Bedesen, ar-
chitect, Merced.

BURLINGAME, San Mateo Co., Cal.—
J. W. Rutherdale has purchased site
at intersection of San Mateo Dr. Belle-
vue Ave., and Main St., and plans
erection of Class A store and office
building.

LOS ANGELES, Los Angeles Co., Cal.
—Architects Curlett & Beelman, 409
Union Bank Bldg., have been commis-
sioned to prepare plans for a 12-story
and basement Class A store and loft
building on Hill St. between 6th and
7th Sts., for Harris & Frank, clothing
merchants. Dimensions, 60x157 ft.; re-
inforced concrete construction, pressed
brick and terra cotta facing, plate
glass, marble and tile work, elevators,
steam heating.

CHICO, Butte Co., Cal.—Richardson
Furniture Co., 731 Main St., Chico,
plans early construction of a concrete
store building at Eighth and Main Sts.
John T. Donohue and D. M. Caywood
operate the company.

MODESTO, Stanislaus Co., Cal.—
Ernest Green, Modesto, has contract to
erect one-story concrete and tile, 50x
140 ft., garage and stores in Tenth
street, for J. W. Fredericks. Structure
will have walls capable of carrying
one additional story.

THEATRES

Working Drawings Being Prepared.
THEATRE & STORES Cost, \$—
PACIFIC GROVE, Monterey Co., Cal.
Class C 1000 seat capacity 1-story
theatre and 4 stores, frame and
brick.
Owner—Monterey Theatres Co., Mon-
terey, Cal.
Architect—Mark Jorgensen, 110 Sutter
St., San Francisco.

Lathing and Plastering Contract
Awarded.
ALTERATIONS Cost, \$18,000
OAKLAND, Alameda Co., Cal. Franklin
and Fourteenth Sts.
Remodeling and interior of theatre
(redecorating, slight changes in
heating, erect entire new front, cem-
ent plastered).
Owner—Ackerman & Harris.
Architect—Henry H. Meyers, Kohl
Bldg., San Francisco.
Contractor—Chas. W. Heyer Jr., Mills
Bldg., San Francisco.

Lathing and Plastering—Leonard Dock
180 Jessie St., San Francisco.
As previously reported heating was
awarded to W. K. Nottingham, 369 10th
St., Oakland.
Figures will be taken on other por-
tions of the work next week.

Bids to be Opened.
THEATRE Cost, \$90,000
BERKELEY, Alameda Co., Cal. Thous-
and Oaks District.
Class A theatre building (approx. 1250
seats).
Owner—M. Blumenfeld.
Architect—Reid Bros. 105 Montgomery
St., San Francisco.
The former site was at 19th Ave. and
Park Blvd., in Oakland.
Bids for general contract will be
opened December 19, 1924.

Working Drawings Being Prepared.
THEATRE ETC. Cost, \$125,000
SAN FRANCISCO, Irving bet. 11th
and 15th Aves.
Class A theatre, store and offices.
Owner—Golden State Theatre Co.
Architect—Mark Jorgensen, 110 Sutter
St., San Francisco.

SAN FRANCISCO, Cal.—The Herbert
L. Rothchild Entertainment, Inc., are
planning the erection of a new theatre
to cost approximately \$1,500,000 on
Market St. Although the plans are
reputed to be in rather an advanced
stage, no definite information is avail-
able at the present time in order that
the interests of the corporation may
be protected until such a time as a
definite site is decided upon. The the-
atre is designed to follow the lines of
Assyrian-Assyrian architecture, and ac-
commodate 5000 spectators.

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plant of slow growth." The con-
fidence which architects, con-
tractors, and owners everywhere
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and decorating service has been
established through the strictest
adherence to the highest stand-
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will fulfill all your requirements.

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SAN FRANCISCO
LOS ANGELES

SACRAMENTO, Cal.—J. L. R. Marsh,
sec'y., of the Sacramento Federated
Trades Council, 1905 L St., is interested
in the erection of a 150,000 theatre, seat-
ing between 1,500 and 1,800 persons, on
a site yet to be purchased. The com-
pany will be controlled by organized
labor, Harry Hayes and A. E. Williams,
formerly connected with the M
and W Theatre recently destroyed by
fire, will probably be interested in the
new concern.

SAN FRANCISCO, Cal.—J. J. Gottlob
of the Columbia Theatre, has taken
over the old Tirolli Opera House on
Eddy near Mason St. and is repairing
and re-decorating the old house.

Changing of hands of various San
Francisco theatres will be effected
shortly, although no definite plans
have been made at this time. The
changes will entail alterations and re-
decorating in several theatrical houses.



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FORTUNA, Humboldt Co., Cal.—W. M. Kippert, for sale, 1011 E. Main St., Fortuna, Cal., the theatre building, 1011 E. Main St., will have seating capacity of 1200. W. W. Lucius, architect, Seattle, Wash.

PORTLAND, Ore.—P. R. Henderson will erect \$200,000 concrete and brick restaurant building, at 12th and Division streets to be leased to Golden State Theatres Co., Inc., of California; will have seating capacity of 1200. W. W. Lucius, architect, Seattle, Wash.

LOS ANGELES, Cal.—West Coast Theaters, Inc., Knickerbocker Bldg., will be ready for bids next week, to close Jan. 1, 1925, for 2-story bldg., 15x143 ft., at 816-25 W. Main St. Plans by L. A. Smith, Lilly Fletcher Bldg., 3rd St. and Western Ave. Theater auditorium with balcony and 6 stores on 1st fl. and 10 single apts. above; theater portion reinf. conc. constr. and remainder of bldg. class C, stucco, tile and art stone front, plate glass, copper and marble store fronts, marquis, wrought iron, met. drs. and stairs, tile and comp. fl., skylights, struc. steel, marble toilet part. and

SUNNYVALE, Santa Clara Co., Cal.—Alfonso Schurra, local capitalist, has purchased site and plans early construction.

lobby base, tiled lobby fl., baths, toilets and sinks, brass and bronze fixtures, art glass, pipe organ, beech or maple fls., built-in beds, storage water htr.; \$200,000.

City Hall, to furnish street materials, consisting of paving brick and crushed rock and gravel as required during the next ending June 30, 1925. Further information obtainable from above office.

Additional Sub-Contracts Awarded—

ADDITIONAL **Painting**. Cost, \$134,400 **SAN FRANCISCO**, Seventeenth St.

near Mariposa St. One-story reinforced concrete additional floor to municipal car barn. Owner—City and County of S. F.

City Hall. M. M. O'Shaughnessy, City Hall.

Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.

Sub-Contracts were let as follows:

Masonry—Graves O'Brien, 180 Jessie St., San Francisco.

Granite Work—Raymond Granite Co., 3 Potrero Ave., San Francisco.

WHARVES AND DOCKS

LOS ANGELES, Cal.—Until 2 p. m., Dec. 22, bids will be rec. by supervisors of county flood control dist. for 3000 untreated O. P. piles, ranging from 32 to 36 ft. in length. Spec. on file at office of clk. of bd. and at office of flood control eng. Cert. chk 10%.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO—Until Dec. 23, 2:30 P. M. bids will be received by Leonard S. Leavy, city purchasing agent, 270

LOS ANGELES, Cal.—Arch. Zachary T. Davis, 400 N. Michigan Ave., Chicago, is completing plans for a baseball grandstand, at cor. 39th St. and South Park Ave., for Los Angeles Baseball Club; seating capacity of 20,000 and will be erected to carry a future deck with an additional seating capacity of 10,000; reinf. conc. and steel frame, offices, locker and dressing rooms, shower baths, restrooms; Santa Catalina Island Co., Catalina Island Pac. El. Bldg., Los Angeles, will probably erect.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1424—New York City. Manufacturers of compact soda fountains and cafeteria equipment want contact with jobbing and wholesale concerns to act as distributors in this territory.

D-1425—Chicago, Ill. School Supply company wishes to communicate with manufacturers' agent who will act as their representative San Francisco and vicinity.

D-1428—Los Angeles, Cal. Concern desires contact with manufacturers of jute or burlap cement bags.

8778—Mexico. D. F. Gentleman desires to represent San Francisco manufacturers or trading firms in a selling or buying capacity. Is said to have excellent knowledge of Mexican trade.

9783—Hamburg, Germany. A firm of manufacturers and exporters of porcelain and pottery ware, wishes to establish a market in California for their products.

SANGER, Cal.—O. R. Osterode, Sanger, Cal., desires to receive catalogs and pamphlets on cement work with regards to coloring, mixing, etc., also on slate and tile roofs.

POSITION WORKS MANAGER

Young man seeks opening with manufacturer of sheet metal or light structural steel products, or a standard product, heating and ventilating systems, building material, etc. Able organizer of plant and employees, shop and cost systems, improver of products, member American Society Mechanical Engineers, best of reference. Possible future financial investment. Address to Engineer, 1920 East 17th St., Oakland, Calif.

TRADE MARK

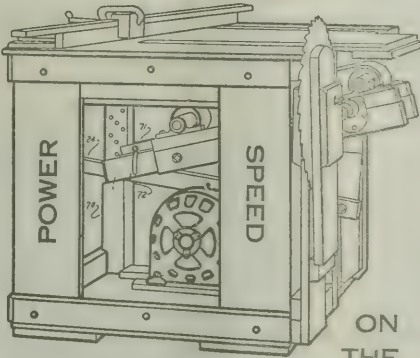
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SAN FRANCISCO, CALIFORNIA

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1924

Engineering News Section

BRIDGES

STOCKTON, San Joaquin Co., Cal.—See "Sewers and Street Work," this issue. Highway and bridge planned.

LOS ANGELES, Cal.—Until 2 p. m., Jan. 5, bids will be rec. by supervisors for lumber for bridge on Clara St. over Rio Hondo. Spec. on file at office of the board.

PORTLAND, Ore.—Frank T. Fowler, bridge eng., for Department of Public Works, preparing plans for \$168,000 concrete bridge to replace structure known as Third St. or Vista Ave. bridge crossing Canyon Road. Bids will be asked about April 1.

PHOENIX, Ariz.—An 1800-ft. bridge, 18-ft. wide, costing \$250,000, to span Gila river near Gillespie dam, announced by W. C. Lefebvre, chief engineer state highway dept. Diamond drilling in river channel will be started at once.

BLYTHE, Cal.—Harrington, Howard & Ash, Kansas city engs., have applied to Congress for permit to erect toll bridge across Colorado river at Blythe to replace Ehrenberg ferry. Probable cost, \$250,000. These engs., designed Colorado St. bridge, Pasadena.

IMPERIAL COUNTY, Calif.—W. M. Ledbetter Co., Los Angeles, at \$652 awarded contract by State Highway Commission to const. wooden cressotted pile trestle across main canal of Yuba project about 1-mi. west of Yuma, Imperial County, consisting of five 19-ft. spans involv. 10.0 M ft. select common Douglas fir timber; 17 M ft. b.m. number one common Douglas fir timber; 1.6 M ft. b.m. number one common redwood timber; 23 cressotted Douglas fir piles; 220 sq. yds. type "B" wearing surface.

MADERA, Madera Co., Cal.—Proctor and Cleghorn, Roseburg Bldg., Santa Rosa, at \$11,865 (Eng. Est. \$12,371) awarded contract by State Highway Commission to const. rein. conc. girder bridge in Madera county over Chowchilla river; about 2 1/2-mi. north of Chowchilla, consisting of five 25-ft. spans involv. 210 cu. yds. class A cem. conc. (bridge); 15 cu. yds. class E cem. conc. (bridge); 360 cwt. rein. steel (bridge); 24 rein. conc. piles; 500 cu. yds. roadway embank. without classification; 40 cu. yds. rip rap; 40 cu. yds. class A cem. conc. (pavement); 80 sq. yds. reinf. steel in place (pavement).

GLENN COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. culvert over Central Irrigation canal at south city limits of Willows, consisting of six 7-ft. by 8-ft. openings and rein. conc. culvert near east limits of Willows, consisting of seven 8-ft. by 8-ft. openings. Project involv. 440 cu. yds. class A cem. conc. (culverts); 80 cu. yds. class A cem. conc. (roadway pavement); 610 cwt. reinf. steel in place (culverts and pavement); 600 cu. yds. structure excavation; 900 cu. yds. roadway excavation without classification; 120 cu. yds. new crushed gravel or stone surfacing; 110 cu. yds. old crushed gravel or stone surfacing; 140 cu. yds. gravel or stone subbase.

RED BLUFF, Tehama Co., Cal.—Until Jan. 12, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to const. steel bridge over Antelope Creek in Supervisor District No. 3. Cert. check 10% payable to Chairman of Board of Sups. req. Plans on file in office of clerk.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—Plans for imp. be made to Long Beach harbor under \$5,000,000 bond issue are being rushed to completion under direction of Col. Edw. M. Johnston, former army engr., now in charge of local harbor engr. work. Dredging of various channels to depths from 32 to 40 ft. is under way. Work of bulkheading lands facing channels, filling land for reclamation, extension of harbor entrance jetties are to be the next steps in the harbor program.

SAN MATEO, Alameda Co., Calif.—Healy-Tibbitts Construction Co., 64 Pine St., San Francisco, awarded contract for sub-structure work in connection with the bridge over San Francisco Bay at Dumbarton Strait for Dumbarton Highway Bridge Corp., Santa Fe Bldg., San Francisco. Moore Dry Dock Co., ft. of Adeline St., Oakland, awarded contract for steel superstructure. Bridge will consist of nine steel spans, each about 200 ft. in length with concrete deck and 24-ft. roadway; total approx. length 5,600 ft. Total est. cost \$2,000,000. John Lyle Harrington, chief engineer.

SACRAMENTO, Cal.—Sealed bids will be received up to 11 a. m., December 22, 1924, for the construction of a pile and timber breakwater 1,377 feet long, requiring approximately 102,000 feet No. 1 Common Oregon Pine, and 5,750 lin. feet of round piling. For specifications and particulars address THE RECLAMATION BOARD, 835 Forum Building, Sacramento, California.

LOS ANGELES, Cal.—Supervisors reject bids to dredge 1600 ft. of river diversion channel located upon lower E San Gabriel or new river.

IRRIGATION PROJECTS

TRACY, San Joaquin Co., Cal.—Henry Cowell Lime & Cement Co., 2 Market St., San Francisco, awarded contract by Banta-Carbena Irrigation District, to fur. approx. 7,500 bbls. cement at \$2.73, \$2.75 and \$2.78, according to point of delivery. Other bids: Old Mission Cement Co., Pacific Portland Cement Co., Fabian-Grunauer Co., and Good Lumber Co. all submitted identical bids at \$3.09; \$3.11 and \$3.14. American Finance & Commerce Co., 150 California St., San Francisco, bid \$3.25 and \$3.28. Taken under advisement. W. D. Harrington, chief engineer for district.

Carbide Flare Lights OxyAcetylene Equipment Goggles—Respirators First Aid Supplies

Carried in stock

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565 HOWARD STREET
San Francisco, Calif.

Douglas 6320

VENTURA, Cal.—United Concrete Pipe Co., Montavito, awarded contract by city for drainage work in Dist. A and Dist. B as follows: (a) \$5218 and (b) \$17,659, involv. 2110 ft. 36-in. and 1340 48-in. reinf. conc. pipe 14.75 cu. yds. plain conc., and 28.3c cu. yds. reinf. conc. C. W. Pierce, city engr.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Until 10 a. m., Dec. 22, bids will be rec. by bd. pub. wks. for ornam. lights in: Citrus Ave., Milton Ave., Orange Dr. and Sycamore Ave., bet. 3rd St. and Wilshire Blvd.; 96 conc. posts. Main St., bet. 36th Pl. and 17th St.; 159 pressed steel posts.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 22, bids will be rec. by bd. pub. wks. for ornam. lights in Figueroa St. bet. Adams and 11th Sts.; 120 pressed steel posts; 1911 alt.

LOS ANGELES, Cal.—Council authorizes const. of ornam. light systems in: Kingsley Dr., bet. Beverly and Wilshire Blvds.; conc. posts; Barton Ave., bet. Seward St. and Las Palmas Ave.; conc. posts.

CORONA, Cal.—City Eng. J. J. Jessup preparing spec. for lighting system is a half of "Great Circle" from W-6th St. to E-6th St.

LOS ANGELES, Cal.—Geo. W. Kemper, P. O. Box 126, Alhambra, sub. low bid at \$77,777 to bd. pub. wks. for ornamental lights in 8th St., bet. Figueroa St. and Vermont Ave. Other bids: H. C. Reid & Co., \$78,831; Robertson Elec. Co., \$82,756; Newbery Elec. Corp., \$83,000; Jas. C. Perry, \$83,317; Osborn Elec. Co., \$83,674; A. C. Rice, \$85,548.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 22, bids will be rec. by bd. pub. wks. for ornam. lights in Detroit St., bet. Sunset Blvd. and Fountain Ave.; 13 conc. posts; 1911 alt.

LONG BEACH, Cal.—Fritz Ziebarth, 302 E Anaheim St., Long Beach, awarded contract at \$12,836 for ornam. lights in Seaside Blvd., bet. Pine Ave. and E Vine lot 29 blk. N, Ocean Pier Tr.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 22, bids will be rec. by bd. pub. wks. for ornam. lights in El Centro Ave., bet. Hollywood Blvd. and Santa Monica Blvd.; 46 pressed steel posts; 1911 alt.

LOS ANGELES, Cal.—Council declares inten. to install ornam. lights in 6th St., bet. Loomis and Vermont Ave.; press. steel posts; 1911 alt.

LOS ANGELES, Cal.—Awards by bd. pub. wks. for ornam. lights follow: H. C. Reid & Co., 420 Grant Bldg., at \$81,869 in western Ave., bet. Santa Barbara and Slauson Aves.

Newbery Elec. Corp., 724 S. Olive St., at \$129,778 in Moneta Ave., bet. Main St. and Florence Ave.

Elec. Lighting Supply Co., 214 W 3rd St., at \$43,542 in Moneta Ave., bet. Florence and Manchester Aves.

A. C. Rice, 1963 Santee St., at \$2489 in Palm Grove Ave., bet. Washington and 21st Sts.

ORANGE, Cal.—Council declares inten. to install ornam. lights in West Chapman Ave., bet. N. Main St. and A. T. & S. F. Ry., 55 Marbelite posts.

Inten. declared to install ornam. lights in N. Centre St., bet. E. Chapman and E. Sycamore Aves.; 23 Marbelite posts; 1911 alt. Cal. D. Lester, city clerk.

SANTA BARBARA, Cal.—Petition filed for change of title (21 pgs.) in Mason and Onopoda Sts., est. \$2600.

LOS ANGELES, Cal.—Until 2 p. m., Jan. 5, bids will be rec. by supervisors for ornamental lights in Whittier Blvd., bet. Indiana St. and Pasadena Ave.; 92 pressed steel posts, cables, conduits, lamps, etc. Contract Imp. No. 114. Mame E. Beatty, clerk of board.

CORONADO, Cal.—Petition filed for ornamental lights in Orange Ave., bet. 8th and Ada Sts. T. J. Allen, city engr.

RICHMOND, Contra Costa Co., Cal.—Petitions are in circulation seeking installation of electroliers in 10th St., bet. Macdonald Ave. and Lucas Sts.

MACHINERY & EQUIPMENT

ANAHEIM, Cal.—Elgin Sales Corp. awarded cont. by city at \$7000 for 50-h.p. pick-up sweeper.

LIVERMORE, Alameda Co., Cal.—Stuart S. Smith Co., San Francisco, bidding \$2650 f. o. b. Livermore, awarded cont. by town trustees to fur. one Gallon Junior Fordson comb. roller, scraper and scarifier. Valley Garage, Livermore, only other bidder.

LOS ANGELES, Cal.—Bids rec. by ed. pub. wks. for one 75-h.p. Scotch marine boiler, were: Baker Iron Wks., alternative bid on Erie City Iron Wks. Economic Return Tubular Boiler \$2397; L. A. Boiler Wks., \$3371; Pioneer Boiler & Machine Wks., \$3000; Standard Boiler & Steel Wks., \$2990 (alternatives: oil burning set mounted as unit, \$300, conc. found., \$50).

LOS ANGELES, Cal.—Until 2 p. m., Dec. 19, bids will be rec. by harbor Comm., 312 Byrne Bldg., for 7½-h.p. Semi-Diesel engine for compressor on tug "Woodman"; spec. No. 665 on file at office harbor engr., berth 90, San Pedro.

PASADENA, Cal.—Gallean Iron Wks. & Mfg. Co. sub. low bid to city at \$7125 for steam roller. Other bids: Iload Machy. Co., \$7575; C. W. Powell (Austin-Western), \$7600.

LOS ANGELES, Cal.—Madsen Iron Works, 5529 Bickett St., awarded cont. by bd. pub. wks. at \$21,500 for portable pav. plant, with conc. asph. htg. and storage. In. Deliv. 30 days.

LOS ANGELES, Cal.—Hercules Trailer Mfg. Co., 1321 Santa Fe Ave., sub. low bid to pub. serv. comm. at \$1300 for two 3-ton trailers under spec. P-343-441. Other bids: Utility Trailer Mfg. Co., \$1330; New C-mer Trailer Co., \$1495.

MISCELLANEOUS SUPPLIES

SAN JOSE, Santa Clara Co., Cal.—County supervisors appoint Sam Lowe, formerly connected with the county finance department, as county purchasing agent.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. Chas. Dimmitt authorized to purchase street signs valued at \$200.

RESERVOIRS AND DAMS

SONORA, Tuolumne Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will start work at once on Lyon's dam; est. cost \$130,000; present dam is of wood const. with rock facing. Proposed to deepen dam increasing storage capacity. Considerable concrete work is involved.

LOVELOCK, Nev.—King & Malone, engrs. Reno, Nev., preparing plans for storage reservoir to impound waters of the Humboldt river for the lower part of the Lovelock Valley for the Lovelock Water Users' Assn. The dam will be 100 ft. high and will provide a capacity of 120,000 ac. ft. storage. Est., \$750,000.

PIPE LINES, WELLS, ETC.

WHITTIER, Cal.—Until 7:30 p. m., Dec. 22, bids will be rec. by city for 1½-in. 3-in. gas & oil pipe. Est. shk. on bond 10%. Paul Gilmore, city clerk.

LOS ANGELES, Cal.—Bids rec. by pub. serv. comm. Dec. 9 for riv. sheet steel pipe, under spec. 738-A, comprising: (1) 25,310 ft. 42-in. No. 10-gauge pipe, at price per ft., (2) 1320 ft. 14-in. No. 10-gauge pipe, at price per ft., both f. o. b. trench side, (3) lump sum bid, and (4) bid for 30 days.

Western Pipe & Steel Co.—(1) \$1.30, (2) \$1.18, (3) \$2,940.00, (4) within 30 days from date of receipt of order.

L. A. Mfg. Co.—(1) \$1.23, (2) \$1.49, (3) \$2,720.00, (4) to commence within 30 days and be completed within 15 days thereafter.

Lacy Mfg. Co.—(1) \$1.20, (2) \$1.46, (3) \$2,555.20, (4) to commence within 2 weeks and be completed within 15 days thereafter.

Baker Iron Wks.—(1) \$1.24, (2) \$1.44, (3) \$1,462.40, (4) within 90 days from date of award of contract.

West Coast Pipe & Steel Co.—(3) \$32,750, (4) to commence within 30 days and completed within 60 days thereafter.

SAN JOSE, Santa Clara Co., Cal.—Until Jan. 5, 11 a. m., bids will be rec. by Henry A. Flister, county clerk, to drill well for water supply at county hospital. Spec. on file in office of clerk. Robt. Chandler, county surveyor.

LOS ANGELES, Cal.—United Casting Co., 818 Wilson St., awarded cont. by Pub. Serv. Comm. at \$1721 for 5 sluice gates, etc., under spec. 737-B, f. o. b. factory.

Lacy Mfg. Co. awarded cont. for riv. sheet steel pipe under spec. 738-A, at item 1, \$1.20, and item 2, \$1.46, f. o. b. trench side.

REDWOOD CITY, San Mateo Co., Cal.—Bids will be asked at once by city council to fur. and del. one carload of cast iron pipe. Chas. Dimmitt, city engineer.

LOS ANGELES, Cal.—Bids rec. by Pub. Serv. Comm. for C. I. pipe under spec. 740-A, were:

Grinnell Co.—24-in. class "B," \$6.32 ft.; class "C," \$7.88 ft.

U. S. C. I. Pipe & Foundry Co.—Class "B," \$4.49 ft.; class "C," \$5.37 ft. f. o. b. L. A., \$5.92 and \$7.09; f. o. b. trench side, \$6.02 and \$7.20.

American C. I. Pipe Co.—Class "B," f. o. b. dock, \$5.6575, and class "C," f. o. b. dock, \$6.706; f. o. b. cars, class "B," \$5.85, and class "C," \$7; trench side, class "B," \$5.9492, and class "C," \$7.1196.

Pacific Pipe & Supply Co.—Class "B," \$49.05 cars, and class "C," \$50.10 trench side.

SEWAGE DISPOSAL PLANTS

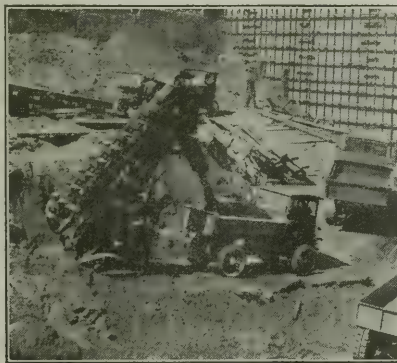
VICTORVILLE, Cal.—Cox & Teget, 615 N. Olive Ave., Alhambra, awarded cont. at \$10,326 to const. sewage disposal plant, outfall sewer, etc., for Victorville Sanitary Dist., Victorville.

LAGUNA BEACH, Cal.—A. Gieselsch, Virgil Walk, Long Beach, awarded cont. by Laguna Sanitary Dist. at \$70,761.73 for sewer laterals, disposal plant, etc., in vol. (item 1) sewer lateral sys. at \$45,667.73, (2) pumping station, \$9809, (3) disposal plant, \$11,085, (4) ocean outfall, \$4200.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal.—County Surveyor Geo. A. Posey has completed plans for Oakland Estuary Tube for which bonds of \$4,496,000 were voted two years ago. Minor changes will be made in the plans. It is proposed to have construction under way early in 1925.

Barber Greene Model 42 Loader



Other Prominent
Users Are

Pratt Building
Materials Co.

North Beach Auto
Hauling Co.

Arthur Hess

Oakland Paving Co.

California Highway
Commission

Eates and Borland

And 20 others

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SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

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Sutter 952

San Francisco

LONG BEACH, Cal.—Bessemer Gas Engr. Co. sub. low bid to City Mgr. C. H. Windham at \$19,370 for two 160 h.p. gas compressors for use on Dominguez field at Associated On. Co. Other bids: Chicago-Pneumatic Co., \$21,571; West-erner Machy. Co., \$23,000; Smith-Booth-Usher Co., \$21,510 on two 175-h.p. compressors and \$23,430 on two 275 h.p. compressors.

FULLERTON, Cal.—Water Works Supply Co., 705 Wright & Callender Bldg., Los Angeles, sub. low bid at \$14,000 for 15-ton incinerator, bidding No. 8 type. Other bids: Superior Incinerator Co., Texas, \$17,150; Hoberg Constr. Co., San Francisco, \$26,100, bidding on C. & T. incinerator. W. C. Record, city engineer.

SAN FRANCISCO—Until Dec. 29, 2:30 p. m., bids will be received by Leonard S. Leavy, city purchasing agt., 270 City Hall, to furnish street material, consisting of paving brick and crushed rock and gravel as required during the term commencing Jan. 1 and ending June 30, 1925. Further information obtainable from above office.

ST. HELENS, Ore.—Coast Culvert & Flume Co., Portland, at \$38,000 awarded cont. by city water commission to fur. approx. 4-mi. of 12 and 14-in. steel pipe for water system. A. Compton, McMinnville, Ore., at \$30,687 awarded cont. for 2,000,000-gal. concrete reservoir.

WATER WORKS

SANTA BARBARA, Cal.—Council approves plans of Montecito Water Dist. to build a Santa Ynez river dam, and build an impounding dam on the Santa Ynez river, 5 mi. above the city's reservoir. Bonds in sum of \$850,000 were voted two years ago and a portion of the water sys. is complete.

LOS ANGELES, Cal.—United Casting Co., 818 Wilson St., sub. low bid to p. serv. Comm. at \$1721 for 6 sluice gates, etc., under spec. 737-B. Other bids: Keystone Iron & Steel Wks., \$2137.30; Fulton Engr. Co., \$2297; Comm. Iron Wks., \$2240; Baker Iron Wks., (\$1) \$888 ea.; (\$2) \$10; (\$3) \$825 ea.; (\$4) \$274 ea.; total \$2705.75; L. A. Shop-building & Dry Dock Corp., \$3180.

WAPATO, Wash.—City call election for Dec. 30 to vote bonds of \$48,000 to replace wooden water mains.

BURLINGAME, San Mateo Co., Cal.—City trustees authorize expenditure of \$24,000 for additional water mains, funds to be obtained from water department. 6 and 8-in. mains will be installed and approx. 25 hydrants.

SANTA BARBARA, Cal.—Natl. C. I. Pipe Co. sub. low bid to city at \$10,058.96 for cast iron water pipe, involv. 612 ft. 16-in., 720 ft. 12-in. and 7000 ft. 6-in. Crane Co. sub. low bid at \$745.06 for c. l. fittings. Chapman Valve Mfg. Co. was low on valves at \$1881.97. Pac. Pipe & Supply Co. bid \$940.50 on 24 fire hydrants. Crane Co. bid \$87.50 on brass cocks and 24-in. steel pipe at \$437.60. The supplies are for the city water department.

RICHMOND, Contra Costa Co., Cal.—R. A. Washburn at \$727.27 awarded cont. by council to fur. and install water piping in Memorial, Elm and Mira Vista parks.

MOUNTAIN VIEW, Santa Clara Co., Cal.—Stephen Smith and Co., 639 Mission St., San Francisco, at \$4676 awarded cont. by town trustees to fur. 6500 ft. 4-in. c. l. water mains with connections.

TRACY, San Joaquin Co., Cal.—Leonard F. Youdall, Matson Bldg., San Francisco, at \$89,250 awarded cont. by Santa-Carolina Irrigation District, to const. pump house and appurtenant structures, under Contract No. 6. Harry Vensano, San Francisco, only other bidder at \$82,820, exclusive of excavation and back-fill.

PLAYGROUNDS AND PARKS

RICHMOND, Contra Costa Co., Cal.—Until Dec. 22, bids will be rec. by A. C. Faris, city clerk, for landscape work in connection with Mira Vista, Memorial and Elm Parks including laying out pathways, planting trees, shrubbery, etc. Further information obtainable from city clerk.

OAKLAND, Cal.—Architect Chas. H. Biegar, Bank of Italy Bldg., has submitted plans of Howard Gilkey, Oakland landscape engineer, to county supervisors, for proposed beautification of Kern (County) General Hospital grounds. The hospital site covers an area of approx. 30 acres.

SEWERS & STREET WORK

KIAMATH FALLS, Ore.—Prel. plans are being made for \$200,000 sewer improvements; construction to be undertaken in 1925.

SEAL BEACH, Cal.—Until 8 p. m. Dec. 22, bids will be rec. by city for 5-in. conc. pave and small amt. 1½-in. Tupeka pave. on 4-in. conc. base, 12 5th St., 6th St. and portions of 7th, 8th and Central Aves. Plans on file at office of city clerk, Ollie B. Paprick. Cert. check or bond 10%.

LOS ANGELES, Cal.—Bd. pub. wks. will advertise for bids at once for Warrente pave, curbs, walks and gut. in the Westgate dist., where \$430,000 bond issue for st. work has been voted. Sts. to be imp. incl. Federal, Barrington, Wilshire and Dorothy Sts., Barry Westgate and other ayes, and portion of Wilshire Blvd.

GLENDALE, Cal.—Bids to const. sewer in Glendale Hts. section, on Palmer Ave., Adams St., Crescent, Cornell, Cambridge and other sts., under 1911 act, rejected by the city and city clerk ordered to re-advertise the work.

SANTA ANA, Cal.—Council declares inten. to imp. S Vaa Ness Ave., bet. 1st and 4th Sts., and portion of N Van Ness Ave.; 2nd. asphalt conc. pave. on 4-in. asphalt conc. base, 1½-in. asphalt conc. pave. on 3½-in. asphalt conc. base, curb, walk; 1911 act and 1915 acts. E. L. Vegely, city clerk.

SAN FRANCISCO—Bureau of Engineering, Department of Public Works, completes spec. to imp. following sts.: 21st Ave., bet. Santiago and Taraval sts., involv. 247 lin. ft. conc. curb; 1202 sq. ft. vertical fiber brick pavement; 3722 sq. ft. asphalt conc. pavement; est. cost \$2500.

36th Ave., bet. Taraval and Ulloa sts., involv. 325 lin. ft. conc. curb; 650 sq. ft. concrete gutter; 5850 sq. ft. asphalt conc. pavement; est. cost \$2600.

17th Ave., bet. Rivera and Santiago sts., involv. 111 lin. ft. conc. curb; 2213 sq. ft. asphalt conc. pavement; est. cost \$900.

22nd Ave., bet. Ulloa and Vicente sts., involv. 235 lin. ft. conc. curb; 8700 sq. ft. asphalt conc. pavement; est. cost \$3500.

Globe, Ariz.—City Eng. Bell completes spec. to pave Oak, Hill, Monroe, Fifth and Sixth Sts., a total of about 1 mi. Work to be done jointly by state and city.

STOCKTON, San Joaquin Co., Cal.—J. E. Johnston, Savings and Loan Bank Bldg., Stockton, awarded contract by council to imp. portions of Harrison, Clay, Jackson, Worth, Jefferson and Anderson Sts., involv. 3082 cu. yds. cut, 440 cu. yd.; 2359 cu. yds. fill, \$25 cu. yd.; \$670.23 lin. ft. comb. conc. curb-gutter, \$90 lin. ft.; 28,350.80 sq. ft. cement walks; \$18 sq. ft.; 98,916.12 sq. ft. asphalt macadam pavement, \$13 sq. ft.

BEVERLY HILLS, Cal.—Council declares inten. to const. walks and curbs, iron ornam. lights, removal of broken walks, curbs, etc. in portions of Beverly Dr., Burton Way; 1911 act. B. J. Firmlinger, city clerk.

LOS ANGELES, Cal.—Date of election for Metropolitan Sewer Dist. bond issue will be set at meeting of dist. to be held about Dec. 24. In connection with this sys. present plans call for a 3-mi. tunnel through the San Pedro hills, and a 7-ft. diam. outfall one-half mi. long under 80 ft. water. Approx. cost of the sys. will be betw. \$12,500,000 and \$14,000,000. Albert K. Warren, 700 Hall of Records, county sanitation and drainage engr.

SANTA CRUZ, Santa Cruz Co., Cal.—City council plans early paving of Soquel avenue; type of pavement yet to be determined. H. E. Godegast, city engineer.

SAN FRANCISCO—Bureau of Engineering, Department of Public Works, completes spec. to imp. 41st Ave., bet. Irving and Judah Sts., involv. 200 lin. ft. conc. curb; 4000 sq. ft. asphalt conc. pavement; est. cost \$1600.

Spec. completed to imp. Brighton Ave., bet. Grafton and Lakeview Aves., involv. 75 lin. ft. conc. curb; 1500 sq. ft. conc. pavement; est. cost \$500.

SANTA ANA, Cal.—Until 11 a. m. Dec. 16, bids will be rec. by supervisors to grade and gravel Brookhurst Ave., bet. Lincoln Ave. and a point ¼-mi. so. J. L. McBride, County Road Comm. Cert. check or bond \$5. Approx. quant. are: 1000 cu. yds. excav., 1800 cu. yds. gravel, 4000 lin. ft. shape, 18 ft. wide.

SANTA BARBARA, Cal.—Council declares inten. to imp. Fifth St., betw. Alamar Ave. and Castillejo St.; grade, 5-in. conc. base with 1½-in. asphalt conc. pave., combined curb and gut., curbs, walks, stone curbs, driveways, 6-in. vit main sewers, 6-in. vit. sub sewers, 4-in. hse. con.; 1911 act. Geo. D. Morrison, city engineer.

OAKLAND, Cal.—Until Dec. 24, 11 A. M., bids will be rec. by Eugene K. Sturges, city clerk, to imp. Orta St., bet. 69th and 70th Aves., involv. grading; pave; const. curbs and gutters; wood culvert. 1911 Act. Cert. check 10% payable to city eng. Plant on file in office of clerk. W. W. Harmon, city engineer.

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REDFORDS, Cal. Council has approved 5 in. asphalt concrete pave. for corners S. E. of Cotton Ave. Geo. S. Harwood, city eng. has. Else. Hy. is said to be preparing to pave a 9-ft. strip in center of street, est. to cost \$39,000.

SAN FRANCISCO—City Constr. Co., Cal. Bldg. submits only bid to Bd. Pub. Wks. at \$2,471.60 to imp. crossing of Newhall and Palou Ave. and Palou Ave., bet. Third and Newhall Sts., involv. 350 cu. yds. cut, \$1.50 cu. yd.; 120 ft. conc. curb, \$1.15 ft.; 660 sq. ft. walks, \$2.50 sq. ft.; 5040 sq. ft. asphalt. conc. pave, \$2.50 sq. ft.; 1 catchbasin, \$140; 30 ft. 10-in. culverts, \$250.

Other bids: R. McElroy, 180 Jessie St., at \$1,822.34 low to imp. north half of Kirkham St., bet. 19th and 20th Aves., involv. 205 ft. conc. curb, \$1 ft.; 5062 sq. ft. asphalt. conc. pave, \$2.50 sq. ft.; 100 ft. 8-in. culverts, \$100; E. C. Moran, 15294-62; Frank McHugh, \$1999.62.

City Constr. Co., Cal. Bldg., only bidder at \$2302.87 to imp. Maynard St., bet. Mission and 13th Aves., involv. 50 ft. granite curb, \$3 lin. ft.; 800 ft. asphalt. pave, \$.50 sq. ft.; 8347 sq. ft. walks, \$.21 sq. ft.

SAN FRANCISCO—E. C. Moran, 241 19th Ave., at \$3757 submits low bid to Bd. Pub. Wks. to sewer Tucker Ave., bet. Alpha and Rutland Sts., involv. 200 ft. 8-in. sewer, \$4 ft.; 22 water branches, \$1 each; 3 lampholes, \$15 ea.; 3 manholes, \$120 ea. J. M. Gallagher bid \$3834.

CERES, Stanislaus Co., Cal.—Town trustees vote to pave with concrete Fourth and Fifth streets; plans will be started at once.

SAN FRANCISCO—Until Jan. 7, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Beverly St., bet. Holloway and Garfield Ave., involv. grading; const. curbs; pave with asphalt. concrete. Bond of \$2500 req. of successful bidder. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

LOS ANGELES, Cal.—Allied Const. Co., 459 E. 3rd St., awarded contract by bd. pub. wks. to imp. 27th St., bet. Carolina and Gaffey Sts., at \$10,594.84; and Vermont Ave., bet. Adams St. and Slauson Ave., at \$16,342.17.

LOS ANGELES, Cal.—Geo. R. Curtis Pav. Co., Inc., 2440 E. 26th St., awarded contract by bd. pub. wks. to imp. New Hampshire Ave., bet. Beverly Blvd. and First St., at \$12,468.33; asphalt. pave, bitum. base, pave, curb, gut. etc. Van Ness Ave., bet. Pico and 16th Sts., at \$12,125.08; asphalt. pave, curb, gutter, etc.

Grand St., bet. Serrano St. and 149 ft. w., at \$1529.90; 5-in. bitum. base, 2-in. bitum. base, conc. pave, curb, walk, gut.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 29, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Walnut St., bet. San Carlos and Lakehouse Ave., involv. grade and pave with 1½-in. Warrenite-Bit surface on 5-in. bitum. conc. base; hyd. cem. conc. walks. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk. Wm. Popp, city engineer.

STOCKTON, San Joaquin Co., Cal.—Good Roads Committee of Stockton Chamber of Commerce will recommend construction of 6-m. conc. road on north side of S. P. R.R. tracks between San Joaquin bridge and city of Tracy; est. cost \$750,000 to \$800,000, which includes const. of new bridge over San Joaquin river and new second-level highway from San Joaquin river to city limits of Tracy. Plans for the bridge, steel construction, est. cost \$200,000, have already been prepared by State Highway Commission.

BEVERLY HILLS, Cal.—County will divide with city of Beverly Hills cost of paving Santa Monica Blvd. from east to west city limits. Permanent pave, of which county will pay 60%; will be 7-in. conc. base with 1½-in. top.

SAN DIEGO, Cal.—Petition filed with council for ornamental lights (66 posts) in University Ave., bet. Idaho and 31st Sts., and 30th St., bet. Wightman and Lincoln. F. A. Rhodes, city engr.

SAN JOSE, Santa Clara Co., Cal.—Until Jan. 5, 11 a. m., bids will be rec. by supervisors to imp. Watsonville rd. in Supervisor Dist. No. 1. Plans on file in office of Henry A. Pfister, county clerk. Robt. Chandler, county surveyor.

SAN FRANCISCO—Board of Public Works rejects bids to imp. Southern Heights Ave., bet. Rhode Island and Carolina Sts., and new bids will be considered Jan. 7, 3 p. m. E. J. Treacy submitted low bid for this work under last call as follows: 10,860 cu. yds. cut, \$1.94 cu. yd.; 27 cu. yds. class A conc. in walks, \$22 cu. yd.; 130 cu. yds. class B conc. in walks \$22 cu. yd.; 3400 lbs. rein. steel, \$.05 lb.; 2 manholes, \$110 each; 3 catchbasins, \$200 ea.; 100 ft. 10-in. culverts \$1.75; 144 ft. board fence, \$2 lin. ft. Other bids: H. V. Tucker, \$17,737; L. J. Cohn, \$19,849; James M. Smith, \$42,186.40.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 29, 11 a. m., bids will be rec. by Eugene D. Graham, county clk., to imp. Stanislaus River road and W. E. Chase rd., No. 522 in R. D. Dist. No. 3. Cert. check 10% payable to Chairman of Bd. of Suprs. req. Plans obtainable from County Surveyor F. E. Quall on deposit of \$10, returnable.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Byxbee, Jr., outlines street imp. program for 1925, involv. an expenditure of \$217,000, adding approx. 5-m. of imp. streets. Largest project involves repaving University Ave. from state highway to bridge crossing San Francisquito creek; est. cost \$117,961.

SAN FRANCISCO—Bureau of Engineering, Department of Public Works, completes spec. to imp. Orizaba St., bet. Randolph and Worcester Sts., involv. 6135 cu. yds. cut; 3750 cu. yds. fill; 1697 lin. ft. conc. curb; 6474 sq. ft. art. stone walks; 36 br. catchbasins; 1365 lin. ft. 10-in. ironstone pipe culverts; 12 lin. ft. 12-in. ironstone pipe sewer; 111-760 sq. ft. asphalt. conc. pavement; est. cost, \$47,000.

INGLEWOOD, Cal.—Geo. H. Oswald, 366 E. 58th St., awarded contract by city at \$36,309 to imp. Hillside Ave. and Hill St., involv. 184,742 sq. ft. grade 34/5c sq. ft., 5790 ft. curb 55c ft. three culv. \$54; 12,120 sq. ft. 4-in. Willite pave, 22c ft., 29 ¾-in. water serv. \$11 ea., 5 2-in. water serv. \$33 ea. Dunkle and Phillips bid \$39,493.21.

HERMOSA BEACH, Cal.—Election will be held Jan. 20, to vote on \$200,000 bond issue for sewer system. As a member of the South Bay Sanitation Dist., Hermosa Beach will install mains connecting with the L. A. outfall at Hyperion.

OAKLAND, Cal.—Until Dec. 18, 11:30 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. Skyline Blvd. Extension from Co. Rd. No. 2509 northeasterly. Bond of \$4000 req. of successful bidder. Plans on file in office of clerk. W. W. Harmon, city engineer.

SAN BERNARDINO COUNTY, Calif.—H. M. Henning, Eagle Rock, Calif., at \$12,213.20 (eng. est. \$15,822.20) awarded contract by State Highway Commission to grade 2.3 mi. bet. ½ mi. west of Barstow and 1 mi. east of Barstow, involv. 20,810 cu. yds. roadway excavation without classification; 8660 sta. yds. overhaul; 22 cu. yds. structure excavation without classification; 95 cu. yds. class A Port. cem. conc. (structures); 49 cwt. bar reinf. steel in place (structures); 632 lin. ft. 18-in. and 160 lin. ft. 24-in. corrug. metal pipe; 44 monuments.

SANTA ANA, Cal.—Proceedings to pave West Santa Clara Ave., bet. Main and Greenleaf Sts., have been dropped, and new proceedings will be started in six months. New pave will be 6-in. conc. with black wearing surface.

BEVERLY HILLS, Cal.—Petition in circulation to widen and pave. Preuss Rd., bet. Wilshire Blvd. and Burton Way. B. J. Firminger, city clerk.

SANTA BARBARA, Cal.—Petition filed with council to pave Santa Barbara St., bet. Pueblo and Constance; est. \$18,000. Geo. D. Morrison, city engr.

LOMPOC, Cal.—\$210,000 bond issue for paved rd. from Lompoc to Harris Sta., 11 mi., carried at recent election.

SANTA MONICA, Cal.—City starts proceedings for permanent ave. on Arizona Ave., bet. 20th and 26th Sts. Howard B. Carter, city engr.

RIVERSIDE, Cal.—County highway dept. plans to start work at once on resurfacing Santa Ana canyon rd. from Corona to the Orange county line.

SAN FRANCISCO—Municipal Construction Co., 112 Lyon St., at \$14,233.18 submits low bid to Bd. Pub. Wks. to imp. Avalon Ave., bet. Mission and Lisbon Sts., involv. 11,200 sq. ft. conc. pave, \$.25 sq. ft.; 25,970 sq. ft. asphalt. conc. pave, \$.25 sq. ft.; 1915 ft. conc. curb, \$.94 lin. ft.; 22,426 sq. ft. walks, \$.14 sq. ft. Other bids: L. J. Cohn, \$14,716.50; J. M. Smith, \$14,852.72; Fay Imp. Co., \$15,297.95; City Const. Co., \$15,354.2.

T. M. Gallagher, 2165 Market St., at \$5713.35 low to grade and construct stairways in Vulcan St., bet. Ord and Levant Sts., involv. 951 cu. yds. cut, \$1.95 cu. yd.; 218 cu. yds. fill, \$.05 cu. yd.; stairways, \$3700 (total); 37 ft. railings, \$.4 ft. C. B. Eaton bid \$6089.10.

City Const. Co., Cal. Bldg., at \$7,605.61 low to imp. 25th St., bet. Rhode Island and Vermont Sts., involv. 490 cu. yds. cut \$1 cu. yd.; 110 ft. granite curb, \$.95 lin. ft.; 500 ft. conc. curb, \$1 lin. ft.; 1395 sq. ft. walks, \$.19 sq. ft.; 3 catchbasins, \$140 ea.; 90 ft. 10-in. culverts, \$.25 ft.; 10,500 sq. ft. conc. pave, \$.29 sq. ft.; 9124 sq. ft. asphalt. conc. pave, \$.29 sq. ft. Other bids: J. M. Smith, \$5005.30; Fay Imp. Co., \$5201.15.

GLENDALE, Cal.—Council declares intent for oil mac. pave, wooden headers, 4-in. St. sewer, hse. sewers, m. h. rd. Erwin Ave., bet. Glenwood Rd. and 20 ft. s. of 8th St., and a portion of Glenwood Rd.; 1911 act. A. J. Van Wie, City Clerk.

(Continued on Page 34)

HAMPTON

ELECTRIC AND MFG. CO.

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New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5152	Anglo-Calif.	Hatchner	7600
5153	Everard	Owner	4000
5154	Miller	Owner	3000
5155	Guardino	Paratore	4000
5156	Hermann	Parker	6000
5157	Dallorso	Owner	3000
5158	Western	Healy	3000
5159	Herrmann	Parker	9865
5160	Marcantelli	Stoneson	5925
5161	Kerti	Owner	2990
5162	Klenck	Cahill	7000
5163	Johnson	Owner	2800
5164	Homestead	Owner	7000
5165	Montague	Owner	1000
5166	Johnson	Owner	2500
5167	Garell	Owner	3500
5168	Hambleton	Davis	1000
5169	Augusting	Carson	1000
5170	Kortick	Ingraham	3000
5171	Shan Kong	Owner	10000
5172	Carroll	Owner	15000
5173	Leon	Lindeman	10694
5174	Dondero	Bruce	5310
5175	Pacific	Mangrum	6675
5176	Magnaghi	Owner	6500
5177	Williams	Owner	7500
5178	Tiedemann	Owner	2000
5179	Wass	Cameron	5500
5180	Lundy	Owner	2800
5181	Schalla	Buschke	8000
5182	Pacific	Peerless	60510
5183	Same	Hermann	5300
5184	Same	Palace	22828
5185	Same	Smith	113600
5186	Lorigan	Martinelli	35944
5187	Same	Ernst	6574
5188	Same	Zelinsky	2375
5189	Same	Watts	2290
5190	Same	Carroll	8500
5191	Same	Western	5960
5192	Nappi	Frank	1000
5193	Lewis	Owner	2200
5194	Garibaldi	Carraro	8000
5195	Stevenson	Owner	5500
5196	Stobblom	Owner	3000
5197	Kortick	Doughart	1800
5198	Halpern	Halpern	28000
5199	Arata	Bacigalupi	8000
5200	Helbing	Helbing	10000
5201	Maglin	Owner	9000

5202	Pope	McGowan	14653
5203	Jacobson	Christensen	31000
5204	Ocean	Byrme	2500
5205	Hall	Owner	3000
5206	Dwelling	Owner	6000
5207	Klinger	Owner	13000
5208	Sager	Papenhausen	10000
5209	Westgate	Papenhausen	10000
5210	Boe	Owner	5000
5211	Lewis	Athey	2350
5212	Schalla	Buschke	9400
5213	McCarthy	Arnott	3000
5214	McCarthy	Arnott	3000
5215	Johnson	Owner	4500
5216	Basner	Owner	1950
5217	Wilson	Owner	6000
5218	Stern	Neish	3000
5219	Lubatti	Owner	6000
5220	Crowley	Owner	6000
5221	De Martini	Owner	6000
5222	Prims	Walters	3000
5223	Weston	Hamerton	7500
5224	Butler	Parkside	5000
5225	Siedtke	Hamerton	11500
5226	Bley	Lang	13000
5227	Campano	Jacks	10000
5228	Little	Owner	20000
5229	Klinger	Spargo	13817

SIGNS

(5152) SE GEARY AND FILLMORE;
NW Mission and 16th Sts. Four
electric signs.
Owner—Anglo-California Trust Co.
Premises.
Architect—None.
Contractor—Hotchner Bros., 200 9th
St., San Francisco. \$1900 each

FACTORIES

(5153) CARROLL AVE., bet. Keith &
Jennings. One-story frame paint
factory and one-story hollow tile
varnish factory.
Owner—William John Everard, 1412
Market St., San Francisco.
Architect—None.
\$3000 and \$1000 respectively

DWELLING

(5154) W TWENTY-NINTH AVE 300
S Balboa. One-story and basement
frame dwelling.
Owner—Wm. A. Miller, 744 29th Ave.,
San Francisco.
Architect—None. \$3000

STORE, ETC.

(5155) E PRECITA 105 N Folsom
One-story and basement frame
store and living rooms.

Owner—Joseph Guardino.

Architect—None.

Contractor—Paratore & Kolburn, 781
Francisco St., S. F. \$4000

DWELLING

(5156) NW CLAREMONT BLVD. AND
Portola Drive. One-story and base-
ment frame dwelling.
Owner—J. R. Hermann, 216 Fremont St.,
San Francisco.
Designer—C. G. Kuhn, 216 Fremont St.,
San Francisco.
Contractor—C. F. Parker, 251 Kearny
St., San Francisco. \$6000

SHOP

(5157) W COLUMBUS AVE. 64-5 S
Lombard. 1-story reinforced con-
crete garage and auto repair shop.
Owner—Luigi Dallorso, 728 Bay St., San
Francisco.
Architect—Italo Zanolini, 604 Mont-
gomery St., S. F. \$8000

FOUNDATION

(5158) FOURTEENTH AND HARRI-
son Sts. Pile foundation for water
tank.
Owner—Western Cooperage Co., prem.
Architect—None.
Contractor—Healy-Tibbitts Construc-
tion Co., 64 Pine St., S. F. \$3000

RESIDENCE

(5159) NW PORTOLA DRIVE AND
Claremont Blvd. One-story and
basement frame residence.
Owner—J. R. Hermann, 1406 11th Ave.,
San Francisco.
Architect & Designer—C. G. Kuehn,
1406 11th Ave., San Francisco.
Contractor—C. F. Parker, 81 Alviso,
San Francisco.
Filed Dec. 11, 1924. Dated Dec. 9, 1924.
Roof on \$2466.25
Brown coated 2466.25
Completed and accepted 2466.25
Usual 35 days TOTAL COST, \$9963
Bond, \$4932. Sureties, K. E. Parker &
R. K. Reed. Forfeit, none. Limit, Apr.
15, 1925. Plans and specifications filed.

BUILDING

(5160) LOT 8 BLK. 19 EXCELSIOR
Hd. Assn. Two-story and base-
ment frame building.
Owner—George & Annie Marcantelli,
206½ Brazil St., S. F.
Plans by Contractor.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE

FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Contractor—Henry Stoneson, 141 Lower Terrace, S. F.
Filed Dec. 11, 1924. Dated Nov. 24, 1924.
Concrete foundation in \$ 750
Bank loan to owner for 3500
payable to contractor in install-
ments as specified.

To be assumed by contractor as
2nd mortgage (balance) 1675
TOTAL COST, \$5925
Bond, \$6000. Sureties, The Greater
City Lumber Co. & S. Steinberg, For-
rest, 120 days. Plans and specifications
none.

MARKET

(5161) E POLK 25 S Filbert. One-
story frame market.
Owner—Madeline Kerth, 2716 Polk St.,
San Francisco.
Architect—None. \$2900

STOREHOUSE

(5162) S CLEMENTINA 100 E Fourth.
One-story brick storehouse.
Owner—F. J. Klenc, 303 Minna St.,
San Francisco.
Architect—None.
Contractor—Cahill Bros., Inc., 55 New
Montgomery St., S. F. \$3000

FLATS

(5163) E MALORCA 454-9 N Chest-
nut Two-story and basement
(2) flats
Owner—Fedar F. Johnson, 696 Mc-
Allister St., San Francisco.
Architect—None. \$7000

DWELLING

(5164) N GOETHE 412-6 W San Jose
Ave. One-story and basement
frame dwelling.
Owner—Homestead Realty Co., 704
Market St., San Francisco.
Plans by Owner. \$2800

SHED

(5165) NE MARINOSA AND THIRD.
Erect storage shed.
Owner—Montague Pipe & Steel Co.,
803 Hobart Bldg., San Francisco.
Architect—None. \$1000

DWELLING

(5166) SW RUSSIA 25 N Lisbon.
One-story and basement frame
dwelling.
Owner—Gus Johnson, 1175 Munich St.,
San Francisco.
Architect—None. \$2500

DWELLING

(5167) W WELLINGTON 214 N Farragut
One-story and basement frame
dwelling.
Owner—P. Garelli.
Architect—None. \$3500

ALTERATIONS

(5168) N CALIFORNIA 60 E Davis.
New store front.
Owner—Wm. H. Hambleton, 874 41st
Ave., San Francisco.
Architect—None.
Contractor—S. B. Davis, 380 Grand
Ave., Oakland. \$1000

ALTERATIONS

(5169) NO. 1114 Page St., S. F.
Owner—A. Augusting, premises.
Architect—None.
Contractor—Otto Carson, 180 Jessie
St., San Francisco. \$1000

STORE ROOMS

(5170) E FIRST 300 S Folsom. One-
story frame storage rooms.
Owner—Kortick Manufacturing Co., 335
First St., San Francisco.
Plans by Owner.
Contractor—M. C. Ingraham, 165 Fell
St., San Francisco. \$3000

ALTERATIONS

(5171) NO. 532 GRANT AVE. Re-
model three-story brick building
for restaurant quarters.
Owner—Shan Kong Assn. Inc., 454
Montgomery St., San Francisco.
Architect—Shea & Shea, 454 Mont-
gomery St., S. F. \$10,000

APARTMENTS

(5172) W MILORES 198-2 N 16th St.
Three-story and basement frame
(6) apartments.
Owner—Julia M. Carroll, 454 Montgom-
ery St., San Francisco.
Architect—Shea & Shea, 454 Montgom-
ery St., S. F. \$15,000

BUILDING

(5173) E RISTERO WAY 175 N Beach
N 25th 100, Marina Gardens. Two-
story and basement frame building
Owner—S. K. Leon, 748 21st Ave., San
Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 25th
Ave., San Francisco.
Filed Dec. 12, '24. Dated Oct. 23, '24.
Frame up \$2673.43
Roughed on 2672.43
Completed and accepted 2672.43
Usual 35 days 2673.43
TOTAL COST, \$10,694.50
Bond, limit, forfeit, none. Plans and
specifications filed.

ALTERATIONS

(5174) NO. 3826 TO 3834 CALIFORNIA
St. All work for alterations and
additions to building.
Owner—Charles Dondoro, 3332 Califor-
nia St., San Francisco.
Architect—None.
Contractor—Bruce & Ash, 1920 Pct. St.,
San Francisco.
Filed Dec. 12, '24. Dated Nov. 5, '24.
Excavation done and rubbish re-
moved \$ 310
Foundation and retaining walls
in 1250
Alterations to 3834 California St. 1250
Completed and accepted 1250
Usual 35 days 1250
TOTAL COST, \$5310
Bond, limit, forfeit, none. Specifications
only filed.

TILE WORK

(5175) E MARKET AND BEALE NE
137-63SE 138-2. All tile work for
general office building.
Owner—Pacific Gas & Electric Co., 445
Sutter St., San Francisco.
Architect—Bakewell & Brown, 251
Kearny St., San Francisco.
Contractor—Mangrum & Otter, 827 Mis-
sion St., San Francisco.
Filed Dec. 12, '24. Dated Dec. 2, '24.
On completion 75%
Usual 35 days 25%
TOTAL COST, \$6675
Bond, \$3340. Surety, National Surety
Co., Limit, Dec. 30, 1924. Forfeit, none.
Plans and specifications filed.

STORE

(5176) SE THIRD ST. AND KIRK-
wood Ave. One-story and basement
frame store.
Owner—G. Magnaghi, 4495 3rd St., San
Francisco.
Architect—None. \$6500

DWELLING

(5177) S MARINA 73 E Scott. Two-
story and basement frame dwelling.
Owner—Lloyd R. Williams, 4222 Fulton
St., San Francisco.
Architect—None. \$7500

SMOKEHOUSE

(5178) NO. 780 FOLSOM. Erect smoke-
house.
Owner—Tidemann & Harris, Inc., Prem.
Architect—None. \$2000

DWELLING

(5179) N FULTON 30 E Fourth Ave.
One-story and basement frame
dwelling.
Owner—Mrs. Isabella Wass, 307 Steiner
St., San Francisco.
Architect—None.
Contractor—Daniel Cameron, 2124 Mar-
ket St., San Francisco. \$5500

DWELLING

(5180) E DELANO 80 N Ocean Ave.
One-story and basement frame
dwelling.
Owner—T. Lundy, 217 Carl St., S. F.
Architect—K. R. Irvine, 736 New Call
Bldg., San Francisco. \$2500

BUILDING

(5181) SW HOWARD AND SUMNER
Sts. Two-story reinforced concrete
building.
Owner—Julian R. Schalla, 604 Mission
St., San Francisco.
Architect—None.
Contractor—Buschke & Brown, 604 Mis-
sion St., San Francisco. \$3000

IRON WORK

(5182) NO. 140 NEW MONTGOMERY.
Ornamental iron work for Coast
Division Building.
Owner—Pacific Tel. & Tel. Co., 333
Grant Ave., San Francisco.

Architect—J. R. Miller, T. G. Pfueger
and A. A. Cantin, Lick Bldg., S. F.
Contractor—Peerless Ornamental Iron
& Bronze Co., 1528 Folsom St., S. F.
Filed Dec. 13, '24. Dated Dec. 9, '24.
On list of each month 75%
30 days after 25%
TOTAL COST, \$60,510.
Bond, \$60,510. Surety, Hartford Acci-
dent & Indemnity Co., Limit, forfeit,
none. Plans and specifications filed.

(5183) VAULT DOORS AND LININGS

on above.
Contractor—The Hermann Safe Co., 216
Fremont St., San Francisco.
Filed Dec. 13, '24. Dated Dec. 5, '24.
Payments same as above.
TOTAL COST, \$5300
Bond, limit, forfeit, none. Plans and
specifications filed.

(5184) FINISH HARDWARE ON

above.
Contractor—Palace Hardware Co., 581
Market St., San Francisco.
Filed Dec. 13, '24. Dated Dec. 9, '24.
Payments same as above.
TOTAL COST, \$22,828
Bond, limit, forfeit, none. Plans and
specifications filed.

(5185) METAL FURRING, LATHING

and plastering on above.
Contractor—James F. Smith, 273 Minna
St., San Francisco.
Filed Dec. 13, '24. Dated Dec. 5, '24.
Payments same as above.
TOTAL COST, \$113,600
Bond, \$113,600. Surety, Continental
Casualty Co. Limit, forfeit, none. Plans
and specifications filed.

CLASS A BLDG.

(5186) E HYDE 49-6 S Lombard S
34-6E 51-6. Concrete, reinforcing
steel, carpenter, mill, sheet metal,
marble, glazing, masonry, tiling,
etc., for six-story and basement
Class A steel and concrete building.
Owner—Margaretta and Frank B. Lor-
gan, 802 Humboldt Bank Bldg., San
Francisco.
Architect—C. A. Meussdorffer, Humboldt
Bank Bldg., San Francisco.
Contractor—J. Martinelli, 180 Jessie St.,
San Francisco.
Filed Dec. 13, '24. Dated Nov. 14, '24.
Concrete poured to 3d floor slab. \$600
Fire walls poured 6000
Ready for interior finish 4000
All interior wood finish 4000
Completed and accepted 6558
Usual 35 days 8986
TOTAL COST, \$35,944
Bond, \$17,972. Sureties, John Cassaretto
and J. H. McCallum. Limit, 150 days.
Forfeit, none. Plans and specifications
filed.

(5187) PLUMBING, GAS FITTING &

heating on above.
Contractor—Henry Ernst & Sons, 551
Hayes St., San Francisco.
Filed Dec. 13, '24. Dated Nov. 14, '24.
On 2nd of each month 75%
Usual 35 days 25%
TOTAL COST, \$5674
Bond, none. Limit, as fast as possible.
Forfeit, none. Plans and specifications
filed.

(5188) PAINTING ON ABOVE.

Contractor—D. Zelinsky & Sons, Inc.,
165 Grove St., San Francisco.
Filed Dec. 13, '24. Dated Nov. 14, '24.
Payments same as above.
TOTAL COST, \$2375
Bond, none. Limit, as fast as possible.
Forfeit, none. Plans and specifications
filed.

(5189) ELECTRICAL WORK ON

above.
Contractor—Watts Electric Co., 389
4th St., San Francisco.
Filed Dec. 13, '24. Dated Nov. 14, '24.
Payments same as above.
TOTAL COST, \$2290
Bond, none. Limit, as fast as possible.
Forfeit, none. Plans and specifications
filed.

(5190) LATHING AND PLASTERING

on above.
Contractor—Carroll & O'Brien, 180
Jessie St., San Francisco.
Filed Dec. 13, '24. Dated Nov. 14, '24.
Payments same as above.
TOTAL COST, \$5500
Bond, none. Limit, as fast as possible.
Forfeit, none. Plans and specifications
filed.

(5191) STEEL AND CAST IRON ON above.
 Contractor—Western Iron Works, Inc., 141 Beale St., San Francisco.
 Filed Dec. 13, '24. Dated Nov. 14, '24.
 Payments same as above.
 TOTAL COST, \$5960
 Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

COTTAGE
 (5192) NO. 119 WOOL ST. Move and remodel cottage.
 Owner—F. & G. Nappi, Premises.
 Architect—None.
 Contractor—Carl Frank, 305 Eocana St., San Francisco. \$1000

DWELLING
 (5193) SE WINFIELD 200 SW Coso. One-story and basement frame dwelling.
 Owner—Chas. F. Lewis, Winfield Ave. near Coso Ave., San Francisco.
 Designer—J. M. Cohen, Winfield Ave. near Coso Ave., S. F. \$2200

DWELLINGS
 (5194) W PARIS 100 and 125 S Excelsior. Two one-story and basement frame dwellings.
 Owner—G. Garibaldi, 46 Francis St., San Francisco.
 Architect—None.
 Contractor—G. Arraro, 750 Felton St., San Francisco. \$4000 each

DWELLING
 (5195) W MERCED 315 W Pacheco. Two-story and basement frame dwelling.
 Owner—L. H. Stevenson, 1205 Sanchez St., San Francisco.
 Architect—None \$5500

DWELLING
 (5196) E TWENTY-SIXTH AVE 125 S Taraval. One-story and basement frame dwelling.
 Owner—John Siobom, 143 Tiffany Ave., San Francisco.
 Architect—None. \$3000

FOUNDATION, ETC.
 (5197) N SEVENTEENTH 300 W Market. Concrete foundation; underpinning, etc., for flats.
 Owner—Mrs. T. H. Kortick, 300 Castro St., S. F.
 Architect—None.
 Contractor—A. R. Doughart, 180 Jessie St., S. F. \$1800

APARTMENTS
 (5198) E STEINER 100 S O'FARRELL. Three-story and basement frame apartments.
 Owner—Halpern & Lewis, 1796 Ellis St., S. F.
 Architect—J. C. Hladik, Monadnock Bldg., S. F.
 Contractor—J. Halpern, 1796 Ellis St., San Francisco. \$28,000

FLATS
 (5199) S LOMBARD BET. JONES & Leavenworth. Two-story and basement frame (3) flats.
 Owner—George Arata, 949 Lombard St., San Francisco.
 Architect—None.
 Architect—M. Bacigalupa, 1312 Fountain Ave., Alameda Cal. \$8000

HOTEL
 (5200) N SUTTER 137-6 W LEAVENWORTH. Six-story and basement reinforced concrete hotel.
 Owner—Wm. Helbing, 1332 Lombard St., S. F.
 Architects & Contractors—The Helbing Co., 1332 Lombard St. \$100,000

APARTMENTS
 (5201) W LINDA AVE 120 S 18TH. Two-story and basement frame (6) apartments.
 Owner—E. P. Modglin, 130 Montgomery St., S. F.
 Architect—Geo. D. Commenail, 1607 Chronicle Bldg., S. F. \$9000

FOUNDATION
 (5202) SW EMBARCADERO 45-10 NW Howard NW 91-8 m or 1 SW 137-6 m or 1 SE 91-8 m or 1 NE 137-6 m or 1. Excavation, grading, backfilling, pumping, piling, bulkheading, sheet piling, bracing, shoring, holding up, etc. for 1-story class C building.
 Owner—Pope & Talbot Land Co., Kohl Bldg., S. F.

Architect—J. E. Krafft & Sons, Phelan Bldg., S. F.
 Contractor—M. B. McGowan, 180 Jessie St., S. F.
 Filed Dec. 15, 1924. Dated Dec. 10, 1924.
 Payments on 1st and 15th of each month 75%
 36 days after 25%
 TOTAL COST, \$14,638
 Bond, \$7350. Sureties, United States Fidelity & Guaranty Co., Forfeit, \$40. Limit, 45 days. Plans and specifications filed.

APARTMENTS
 (5203) E SCOTT 33 S UNION. Three-story frame bldg. (apartments).
 Owner—John F. & Hazel Jacobson, 700 2nd Ave., S. F.
 Architect—Plans by contractor.
 Contractor—Christiansen Bros., 518 2nd Ave., S. F.
 Filed Dec. 15, 1924. Dated Oct. 27, 1924.
 Frame up \$7500
 Brown coated 750
 Completed and accepted 7750
 Usual 35 days 25%
 TOTAL COST, \$31,000
 Bond, none. Sureties, none. Forfeit, none. Limit, none. Plans and specifications filed.

DWELLING
 (5204) W BRIGHT 350 N Garfield. One-story and basement frame dwelling.
 Owner—Ocean Ave. Realty Co., Julius and Ocean Aves., San Francisco.
 Architect—None.
 Contractor—John Brynne, 474 Hearst Ave., San Francisco. \$2500

DWELLING
 (5205) E TWENTY-EIGHTH AVE 175 S Irving. One-story and basement frame dwelling.
 Owner—C. A. Hall, 1301 4th Ave., San Francisco.
 Architect—None. \$3000

DWELLINGS (2)
 (5206) W 34TH AVE. 25 N CARRILLO. Two 1-story and basement frame dwellings.
 Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
 Architect—None. \$3000 ea.

RESIDENCE
 (5207) W LAKE 55 N CAMINO DEL Mar. Two-story and basement frame residence.
 Owner—Wm. M. Klinger, % contractor.
 Architect—Mel. I. Schwartz, 1201 Nevada Bank Bldg., S. F.
 Contractor—Not let as yet. \$13,000

RESIDENCE
 (5208) SW MONTEREY & SAN BENITO Way. Two-story and basement frame residence.
 Owner—A. Sager, St. George Hotel, San Francisco.
 Architect—Roland Irving Stringham, 260 California St., S. F.
 Contractor—H. Papenhausen, 532 3rd Ave., S. F. \$10,000

RESIDENCE
 (5209) S SAN ANSELMO 150 E SANTA Clara. Two-story and basement frame residence.
 Owner—Wagata Park Co., 278 Post St., San Francisco.
 Architect—Roland Irving Stringham, 260 California St., S. F.
 Contractor—H. Papenhausen, 532 3rd Ave., S. F. \$10,000

DWELLINGS (2)
 (5210) N MONTEREY BLVD. 250 & 27 E Forester. Two 1-story and basement frame dwelling.
 Owner—Anders M. Boe, 130 Joost Av., San Francisco.
 Architect—None. \$4000 ea.

COTTAGE & GARAGE
 (5211) SE WINFIELD 200 SW COSO Ave. SW 25 SE 70 Lot 343 Gift Map 3. Three-room cottage and garage.
 Owner—Charles J. Lewis, 132 Edgewood Ave., S. F.
 Architect—None.
 Contractor—R. H. Athery, 42 Winfield Ave., S. F.
 Filed Dec. 16, 1924. Dated Dec. 15, 1924.
 Frame up \$500
 Brown coated 500
 Completed and accepted 500
 Usual 35 days 500

Note secured by mortgage 200
 Note for unsecured 200
 TOTAL COST, \$2350
 Bond, none. Sureties, none. Forfeit, none. Limit, March 15, 1924. Plans and specifications filed.

BUILDING
 (5212) SW HOWARD & SUMNER 28 on Howard x 75. Two-story class C reinforced concrete building.
 Owner—Julian R. Schalla, 604 Mission St., S. F.
 Architect—Owner.
 Contractor—Buschke & Brown, 604 Mission St., S. F.
 Filed Dec. 16, 1924. Dated Dec. 12, 1924.
 Walls poured to 2nd floor level and 2nd floor joists in position \$1900
 Walls poured to completion and roof completed 2575
 Completed 250
 Usual 35 days 2350
 TOTAL COST, \$9400
 Bond, \$4700. Sureties, Sims & Gray Iron Works & T. Emmott. Forfeit, none. Limit, 80 days. Plans and specifications filed.

BUNGALOW
 (5213) N FLOOD AVE. 50 W EDNA W 25 x N 75 ptn. lots 42, 43 & 44. blk. 19, Sunnyside. One 4-room and garage bungalow.
 Owner—John D. McCarthy, 316 Bush St., San Francisco.
 Architect—None.
 Contractor—James Arnott & Son, 235 Granville Way, S. F.
 Filed Dec. 16, 1924. Dated Dec. 8, 1924.
 30 days after brown coated 25%
 30 days after brown coated 25%
 30 days after completed and acc. 25%
 Usual 35 days 25%
 TOTAL COST, \$3000
 Bond, none. Sureties, none. Forfeit, \$100. Limit, 90 days. Plans and specifications filed.

(5214) N FLOOD AVE. 75 W EDNA W 25 x N 75 ptn. lots 42, 43, 33 blk. 19, Sunnyside. One 4-room and garage bungalow.
 Owner—Same as above.
 Architect—None.
 Contractor—Same as above.
 Filed Dec. 16, 1924. Dated Dec. 8, 1924.
 Payments—Same as above.
 TOTAL COST, \$3000
 Bond, none. Sureties, none. Forfeit, \$1. Limit, 90 days. Plans and specifications filed.

DWELLING
 (5215) NE CARRILLO AND THIRTY-FIFTH AVE. Two-story and basement frame dwelling.
 Owner—S. F. Johnson, 5750 Fulton St., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$4500

DWELLING
 (5216) S NEWCOMB 225 W Newhall. One-story and basement frame dwelling.
 Owner—Augustus F. Baaser, 1379 Revere Ave., San Francisco.
 Architect—None. \$1950

DWELLINGS
 (5217) E BRIGHT 115 and 140 S Holloway. Two one-story and basement frame dwellings.
 Owner—Mrs. O. Wilson, 126 Ashton Ave., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3000 ea

DWELLING
 (5218) E DELMAR 236 S Frederick. One-story and basement frame dwelling.
 Owner—H. Stern, 6262 3rd St., San Francisco.
 Architect—Neish Bros., 136 Cora St., San Francisco.
 Contractor—Neish Bros., 136 Cora St., San Francisco. \$3000

DWELLING
 (5219) NE MARKET 129 NW Romaine. One-story and basement frame dwelling.
 Owner—Jas. Lubatti, 3840 Market St., San Francisco.
 Architect—M. G. Bugbee, 619 Washington St., S. F. \$6000

FLATS
 (5220) E TWENTY-FIFTH AVE 164-6 S Balboa. Two-story and basement frame (2) flats.

Owner—John Crowley, 366 18th Ave., San Francisco.
Architect—L. Habbeta, 617 8th Ave., San Francisco. \$5000

DWELLINGS

(5221) W. ELLINGTON 80 AND 106-8 S. W. 1st. Two 1-story and basement frame dwellings.

Owner—H. DeMarino, 2609 Octavia St., and A. Valencini, 303 Ellington Ave., S. F.
Architect—None. Each \$3000

DWELLING

(5222) N. ALLISON 50 SE CROSS, 1-story and basement frame dwelling. Owner—D. H. Brown, 1510 S. F. F. Architect—H. H. H. Contractor—H. W. Walters, 74 Gamboa St., Daly City, Calif. \$3000

DWELLING

(5223) W. MADRONE 50 S. Taraval. 1-story and basement dwelling. Owner—C. W. Weston, 481 Dewey Blvd., San Francisco. Architect—None. Contractor—A. C. Hamerton, 481 Dewey Blvd., S. F. \$7500

DWELLING

(5224) W. EIGHTEENTH 125 N. Taraval. 2-story frame dwelling. Owner—Patrick Butler, 618 Crocker Bldg., S. F. Architect—Chas. F. Strothoff, 2274 15th St., S. F. Contractor—Parkside Realty Co., 618 Crocker Bldg., S. F. \$5000

RESIDENCE

(5225) E. DEWEY BLVD. 51 S. Laguna Honda. Two-story and basement frame residence. Owner—Wm. Seattle, 481 Dewey Blvd., San Francisco. Architect—None. Contractor—A. C. Hamerton, 481 Dewey Blvd., S. F. \$11,500

FLATS

(5226) SW OCTAVIA & FRANCISCO Sts. Two-story and basement frame (3) flats. Owner—A. Bloy, 800 Bush St., S. F. Architect & Contractor—Lang Realty Co., Chestnut & Steiner St., S. F. \$13,000

ADDITION

(5227) S. SUTTER 150 W. MASON. Construct additional store building, new under construction. Owner—Campano Bros., 523 Clay St., San Francisco. Architect—Huxley & Appleton, Post St., San Francisco. Contractor—Jacks & Irvine, 150 Jessie St., S. F. \$10,000

DWELLINGS (5)

(5228) E. 10TH AVE. 50, 75, 100, 125 & 150 S. Pacheco. Five 1-story and basement frame dwellings. Owner—Little-Christensen, 1442 8th Ave., San Francisco. Architect—None. \$4000 ea.

BUILDING

(5229) E. LINE LANDS BAKERS Beach. Lot 3, dist. 1° 23' 25" from N. cor. lot 20 N 3° 23' W 40 E 133.266 thence 41.259 SE on arc of curve S 86° 37' W 143.190 to beg. Two-story and basement frame building. Owner—Wm. M. Klingner, 60 Sansome St., San Francisco. Architect—Mel I. Schwartz, 1201 Nevada Park Bldg., S. F. Contractor—John Spargo, 235 Montgomery St., S. F. Filed Dec. 17, 1924. Dated Dec. 16, 1924. Roof boards on \$3454.25
Brick coated \$454.25
Completed and accepted \$454.25
Usual 35 days \$454.25
TOTAL COST, \$13,817

Bond, \$6908. Sureties, Thom. J. Guilfoxy & John Hayden. Forfeit, none. Limit, 120 days. Plans and specifications filed.

NOTE: Permit reported Dec. 17, 1924 No. 3207.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded
Dec. 11, 1924—W CAPITOL AVE. 100 S. Grafton Ave. S 100 x W 112-6 W Capitol Ave. 225 S Grafton Ave. S 25 x W 112-6. Herbert Meyer to Meyer Bros. Dec. 4, 1924
Dec. 11, 1924—S HAYES 275 W Steiner. Julia B. Pfeiffer to whom it may concern. Dec. 5, 1924
Dec. 11, 1924—S PINE 137-6 W TAYLOR W 43 S 137-6. Madre H. & George L. Fish to Gus May. Dec. 5, 1924
Dec. 11, 1924—W 29TH AVE. 225 S Balboa S 50 x W 120-6. W. J. Fisher to whom it may concern. Dec. 5, 1924
Dec. 11, 1924—LOT 16 BLK. 3889 Laguna Honda Park. Hawkins Improvement Co. to whom it may concern. Dec. 11, 1924
Dec. 11, 1924—NW 1/4 N 10th & Natoma commencing N Natoma and 7th SW alg. Natoma 100 NW 75 NE 25 SE 50 NE 75 to SW 7th SW 25 to beg. Oscar H. Cuntz to The Helbling Co. Dec. 5, 1924
Dec. 11, 1924—E DIAMOND 222-6 S 20th S 25 x E 125. C. A. Vetrano to whom it may concern. Dec. 10, 1924
Dec. 11, 1924—SW EUSH & GOLIAD 40x137-6 No. 1701 and 1707 Bush St. Josie Bloomingdale and Hattie Klinge to H. B. Ray. Dec. 5, 1924
Dec. 11, 1924—NW SHIRAZIAN NE Tenth NE 25xNW 100. Has J. Siebert to Bruce & Ash. Dec. 8, 1924
Dec. 11, 1924—N LOMBARD 55 E Webster E 27-6xN 120. Ezio Petri to J. Martinelli. Dec. 16, 1924
Dec. 10, 1924—N CALIFORNIA 82-6 W 16th Ave. W 25 x N 100. A. Tosconini to H. O. Lindeman. Dec. 10, 1924
Dec. 10, 1924—E TWENTY-THIRD AVE. 175 S Balboa 25 x 120. William Costello to whom it may concern. Dec. 9, 1924
Dec. 10, 1924—W THIRTY-THIRD AVE. 200 N Cabrillo 25 x 120. William Costello to whom it may concern. Dec. 9, 1924
Dec. 10, 1924—NE SEVENTH AVE & Huxley St. Fred x W. Warden to whom it may concern. Dec. 10, 1924
Dec. 13, 1924—N ASHTON AVE 100 S. Holloway 25x112. Enar A. and Elizabeth A. Olsen to whom it may concern. Dec. 13, 1924
Dec. 13, 1924—SW QUINCY AVE 300 NW Lane NW 25xSW 100. James P. Kerrigan to whom it may concern. Dec. 13, 1924
Dec. 13, 1924—COMG. 100 S Persia Ave S 25xW 100. Jos. Gaestel Jr. to whom it may concern. Nov. 10, 1924
Dec. 13, 1924—S ELIZABETH 228-4 W Douglas W 25-10xS 114. San Francisco Home Building Co. to Meyer Bros. Dec. 13, 1924
Dec. 13, 1924—E TWENTY-THIRD AVE 100 N Kirkside S 107-6. J. G. Hancock to Meyer Bros. Dec. 13, 1924
Dec. 13, 1924—N FRANCISCO 187-6 and 162-6 W Scott, 25x137-6. Wm. L. Penzance to whom it may concern. Dec. 13, 1924
Dec. 12, 1924—E TWENTY-NINTH AVE 250 S Taraval S 25xN 120. C. M. Brown to whom it may concern. Dec. 13, 1924
Dec. 12, 1924—NE HYDE AND LOMBARD E 137-6xN 275. Carl A. Henry to Kronnick Bros. Dec. 13, 1924
Dec. 12, 1924—25x111 on S Cumberland 230 E Sanchez & A. A. Assinger to A. J. Kronquist. Dec. 12, 1924

Dec. 12, 1924—FOLSOM AND BEALE. Southern Pacific Co. to Swan The Painter. Dec. 3, 1924
Dec. 12, 1924—S HAIGHT bet. Broderick and Buena Vista Ave. No. 1029-1031-1033-1037. N. P. Vogulkin to whom it may concern. Dec. 12, 1924
Dec. 12, 1924—E FORTY-SIXTH AVE 100 S Taraval N 25xN 120. A. Robert L. and Ellid M. Hart to Arvid Halson and John Siobom. Dec. 5, 1924
Dec. 12, 1924—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank of S. F. to Criminal Casement Window Co. Dec. 9, 1924
Dec. 12, 1924—S CALIFORNIA 36-3 W Baker W 25x100. Mollie Ryan to Charles O. Roberts. Dec. 12, 1924
Dec. 15, 1924—S GENEVA AVE. DET. Naples & Madrid, 1172 Geneva. Robert Tunnichiffe to W. Gillette. Dec. 12, 1924
Dec. 15, 1924—E JONES 55 N SUTTER 10 & 12 68 S. Louis Laurens & Irene R. Laurens to Monahan & Slavin. Dec. 4, 1924
Dec. 15, 1924—W 25TH AVE. 108 N Lake Elizabeth W. McFarland, unmarried. E. B. W. to whom it may concern. Dec. 15, 1924
Dec. 15, 1924—E BARTLETT 130 N 26th N 32-6 x E 117-6. Otto & Johanna Martens to H. S. Meinberger. Dec. 15, 1924
Dec. 15, 1924—(1) NE COR. 6TH AV. Fulton 59 x 82-6, (2) E 6th Ave. 59 N Fulton 25 x 82-6, (3) NE COR. Raccoon & Channing Sts. 75 x 55. Michael McDonough to whom it may concern. Dec. 15, 1924
Dec. 15, 1924—SE SACRAMENTO & Fillmore E alg. S Sacramento 52-4 x S Fillmore 75. Samuel S. Silver to Peter or Feder. Dec. 13, 1924
Dec. 15, 1924—LOT 20 BLK. 139 MAP Brown Estate Company's sub. ptn. Under Mary M. Jolly to Nicholas to Lindsey Construction Company. Dec. 15, 1924
Dec. 15, 1924—LOT 20 BLK. F. Mission Tract. Walter E. and Margit Hansen to whom it may concern. Dec. 12, 1924
Dec. 15, 1924—E THIRTY-THIRD AV 225 S Balboa S 25xN 120. Thomas and Nora Collier to Bryan Ferick. Dec. 15, 1924
Dec. 15, 1924—COMG. 25 N Cabrillo S 25xW 95. J. R. Billington to W. M. Martin. Dec. 11, 1924
Dec. 15, 1924—S HENRY 415 W Castro S 54-0% W on irregular line 28-64 NW 42-3% E 26. Jos P. Stocker Jr. and Clara M. Stocker to Thomas F. Mitchell & Son. Dec. 15, 1924
Dec. 16, 1924—W CHURCH 89 S Clippard S 25xW 85. Timothy L. and Mary T. Mahony to whom it may concern. Dec. 16, 1924
Dec. 16, 1924—S FUNSTON AVE 175 N California 25x120. T. L. Strand to whom it may concern. Dec. 16, 1924
Dec. 16, 1924—W FOURTEENTH AVE 235 S Judah. Charles V. and Christian Andersen to whom it may concern. Dec. 15, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded
Dec. 11, 1924—NW ASHTON AVE. 40 N Grant Ave. N 60-0 x E 53-0 E 53. Veyle & Collins vs. Max & Mildred A. Britman. \$232.87
Dec. 11, 1924—W ASHTON AVE. 80 N Grant Ave. N 40-0 x W 53-2 S 40 E 53. Theodore V. and E. Elmo Collins as Veyhle & Collins vs. Max & Mildred A. Britman. \$232.87
Dec. 11, 1924—N GREEN 200 E Laguna E 29-6 x N 137-6. Pacific Terrazzo Marble Co. to C. B. Murphy. \$94.25

NOW READY FOR DELIVERY—

PRIDDEE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabricated Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.
Mail Personal Check to ARTHUR PRIDDEE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

Dec. 11, 1924—NW OCTAVIA AND Chestnut W 43-6XN 137-6. G Bianchini & Co vs Shell Concrete Co, Adolph Stock and Edw Jose. \$482

Dec. 11, 1924—N TARAVALL 32 E 13th Ave. 32 x N 110. Atlas Heating & Ventilating Co. vs. Helen Hubert & M J Bretenecourt. \$398

Dec. 13, 1924—N GREEN 182-2 W Octavia W 29-4XN 137-6. California Concrete Work Co. vs D C B Murphy and McCauley & Weber. \$1,111

Dec. 12, 1924—LOT 47 BLK 286 being 60 ft. on E side Magellan Ave 100 S of Plaza No. 135 Magellan Ave. C Kainitz vs Joe Malville and McCauley & Weber. \$27.75

Dec. 12, 1924—N GREEN 182-2 W Octavia W alg N Green 29-4XN 137-6. William Nielson vs McCauley & Weber and David C B Murphy. \$237.90

Dec. 12, 1924—N FULTON 93-6 E 2nd Ave E 25XN 100. A J O'Brien vs P Carlsen. \$127.10

Dec. 12, 1924—TENNESSEE 50 S 18th S 25XW 100. H Tregar vs Mrs Marie C Puccetti. \$79.20

Dec. 12, 1924—E MAGELLAN AVE 100 N from NW parcel cont. on NW side to City and County of S. F. For Laguna Honda Station N 60 NE 64.054 SE 13.105 SE 39.911 SE 12.320 SW 81.522. Trecey Electric Shop vs McCauley & Weber and N Melville. \$94.35

(Correction in Defendants' Names and Amount)

Dec. 11, 1924—W THIRTY-EIGHTH Ave 100 N Cabrillo W 120XN 25-9. G Bianchini & Co vs Shell Concrete Co and L G Ecklon and Dr F A Gawthorne. \$327

Dec. 16, 1924—LOT 4, BLK 89 (Blk 89) Excelsior Hd. Assn. The Greater City Lumber Co. vs. Narciso Perez. \$55.

Dec. 16, 1924—E FOLSOM 182-2 W 1st 25 x W 120. Dan Riordan vs. John O'Hara and Thomas F. and Margaret Glynn. \$135

Dec. 16, 1924—LOT 21, BLK. 2829 (Blk. 11) Noe Garden Hl. Ass'n. The Greater City Lumber Co. vs. Charles L. and Anna Walinder. \$123.44

Dec. 16, 1924—N GREEN 182-2 W Octavia W 29-4 x N 137-6. R. W. Woodley Inc. vs. David C. B. Murphy. \$584.90

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Dec. 12, 1924—E TWELFTH AVE 37-6 N Lawton N 50XE 22-6. G Bianchini & Co to L H Stevenson and Richard F Cassidy.	
Dec. 15, 1924—W FOURTEENTH AV 225 N Fulton N 25XW 127-6. Portmans Planning Mill to whom it may concern	Not given

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Am't.
6443	Thomas	Barnard	8600
6444	Higgins	Wolbold	6000
6445	Brownlee	Carpenter	7500
6446	Sheppard	Owner	3500
6447	Dowling	Owner	2000
6448	Soder	Soder	2000
6449	Finch	Coast	2000
6450	Kelly	Jensen	14800
6451	Long	Applewhite	3700
6452	Fuller	Schnebley	5000
6453	Van der Haeghen	Owner	3650
6454	Jacobson	Owner	2750
6455	Berglund	Walstrom	4000
6456	Enderly	Meyer	3500
6457	Brearey	Owner	3000
6458	Dolan	Owner	5000
6459	Stewart	Langtry	5000
6460	Hudson	Owner	1500
6461	Howard	Clarke	2850
6462	Cleveland	Caskey	2850
6463	Stone	Owner	9450
6464	Sullivan	Barrett	20000
6465	Oakland	Barrett	9270
6466	Browne	Crane	6750
6467	Klaeger	Owner	3000

6468	Anderson	McArthur	2700
6469	Independent	Khnohn	1500
6470	Hill	Anderson	1200
6471	Lax	Lackstrom	8000
6472	Rushforth	Whitaker	7500
6473	Ghigliotti	Owner	3500
6474	Le Gassick	Owner	3500
6475	Union	Owner	3000
6476	Lenberg	Owner	3000
6477	Stenbro	Owner	3000
6478	Haslask	Owner	3000
6479	Mein	Schmidt	5000
6480	Kerr	Reeves	1300
6481	Arnold	Owner	3000
6482	Christiansen	Dinesen	2050
6483	Kerr	Reeves	2370
6484	Hedeen	Owner	4800
6485	Stokes	Lydskov	7000
6486	Gibbas	Barham	1800
6487	O'Neill	Michelsen	10989
6488	Mirande	Andersen	12600
6489	Broderick	Owner	6500
6490	Dillon	Patrick	1800
6491	Warner	Owner	2000
6492	Midgley	Dinne	7000
6493	Winter	Blodgett	2500
6494	Jensen	Owner	4250
6495	Toner	Owner	2500
6496	McQueney	Sherbsman	1500
6497	Billings	Thompson	5000
6498	Jackson	Owner	2500
6499	Duval	Duval	10000
6500	Walsh	Owner	14000
6501	Pacific	Monson	22840
6502	Muther	Owner	8250
6503	Shaw	Bradthoff	6250
6504	Hammbarberg	Owner	5000
6505	Tutzen	Polow	4300
6506	Nissen	Owner	4500
6507	Walker	Owner	3000
6508	O'Connor	Rector	5700
6509	Penfield	Pedersen	5000
6510	Libers	Owner	1500
6511	Ogden	Owner	4250
6512	Harlamb	Roller	4000
6513	Lovette	White	1000
6514	Lowie	Hopper	1000
6515	Weber	Sprague	9000
6516	Anderson	Owner	3700
6517	Blasingame	Owner	3000
6518	O'Neill	Michelson	10000
6519	Griffith	Owner	2500
6520	Dether	Dether	5000
6521	Elabon	Owner	2350
6522	City of Paris	National	1650
6523	Birr	Owner	4000
6524	Bonato	Kocher	2500
6525	Hansen	Owner	4000
6526	Gracier	Owner	3000
6527	Larson	Owner	3000
6528	Noack	Owner	2000
6529	Diquattro	Hallett	2000
6530	Goulatti	Tell	3000
6531	Moore	De Chaine	2500
6532	Ness	Owner	4200
6533	Martie	Moore	2000
6534	Dembar	Right	26000
6535	Steffens	Rose	8050
6536	Gale	Stolte	5885
6537	Williford	Owner	2800
6538	Noble	Owner	4000
6539	Harrison	Peters	2000
6540	Dondo	Oier	1300
6541	Malkia	Owner	4200
6542	Renton	Henderson	10000
6543	Lichens	Owner	1800
6544	Vaughn	Owner	4500
6545	Ayer	La Voice	3000
6546	Sigwald	Owner	2625
6547	Wheeler	Owner	2500
6548	Chambers	Peters	2250
6549	Jennings	Owner	3650
6550	Gemeirch	Owner	4500
6551	West	Owner	1100
6552	Aaroe	Owner	6500
6553	Lapier	Owner	4000
6554	Cross	Morris	1925
6555	Brown	Owner	3500
6556	Morris	Morris	4225
6557	Silva	Owner	8000
6558	Ericksen	Anderson	7330
6559	Pacific	California	11559
6560	Prohaska	Angelman	12650

DWELLINGS

(6443) NO. 1812 AND 1816 MCKINLEY St., Berkeley. Two one-story 6-room dwellings.

Owner—J. Thomas, Alameda.

Architect—C. Barnard, 3101 Summit St., Oakland.

Contractor—C. Barnard, 3101 Summit St., Oakland. \$3300 each

DWELLING

(6444) NO. 1526 BUENA ST., Berkeley. One-story 5-room dwelling.

Owner—Nellie Higgins, Oakland.

Architect—None.

Contractor—J. Henry Wolbold, 1709 Sonoma Ave., Berkeley. \$2750

DWELLINGS

(6445) NO. 2120-24-28 STUART ST., Berkeley. Three one-story 4-room dwellings.

Owner—Mrs. E. Brownlee, 2642 Fulton St., Berkeley.

Architect—E. E. Carpenter, Hotel Whitecourt, Berkeley.

Contractor—E. Carpenter, Hotel Whitecourt, Berkeley. \$2500 each

DWELLING

(6446) NO. 1907 CHESTNUT ST., Berkeley. One-story 5-room dwelling.

Owner—W. Sheppard, 85 Parkside Dr., Berkeley.

Architect—None. \$3500

DWELLING

(6447) NO. 3000 WHEELER ST., Berkeley. One-story 5-room dwelling.

Owner—Geo. Dowling, 424 Lagunitas Ave., Oakland.

Architect—None. \$2000

APARTMENTS

(6448) NO. 2438-2440, ASHBY AVE., Berkeley. Two-story 6-room apartment building and garage.

Owner—Oscar Soder, 2438 Ashby Ave., Berkeley.

Architect—Oscar Soder, 2438 Ashby Ave., Berkeley.

Contractor—Oscar Soder, 2438 Ashby Ave., Berkeley. \$10,300

SHOP

(6449) NO. 1826 SAN PABLO AVE., Berkeley. Class C auto paint shop.

Owner—S. Finch, 544 San Luis Road, Berkeley.

Architect—J. Carson, 50 Yosemite St., Oakland.

Contractor—Coast Constr. Co., 118 Crocker Bldg., S. F. \$20,000

FLATS

(6450) NO. 1653-55-57-59 OXFORD ST., Berkeley. Two-story 18-room flats and concrete garage.

Owner—Kelly Kelly, 347 Alcatraz Ave., Berkeley.

Architect—Lawrence Flagg Hyde, 2745 26th Ave., Oakland.

Contractor—A. Jensen, 4256 Sutter St., Berkeley. \$14,800

FIRE HOUSE

NO. 2550 VIRGINIA ST., Berkeley. One-story 5-room fire house.

Owner—City of Berkeley.

Architect—W. Ratcliff, Mercantile Bk. Bldg., Berkeley.

Contractor—David Nordstrom, 4146 Emerald St., Oakland. \$9787

NOTE.—Recorded contract reported Dec. 10, 1924, No. 6423.

DWELLING

(6451) 2001 MONTANA ST., Oakland. 1-story 5-room dwelling and garage.

Owner—M. P. Long, 4349 Edgewood Ave., Oakland.

Architect—None.

Contractor—W. C. Applewhite, 1017 Linden St., Oakland. \$3700

ALTERATIONS

(6452) SW COR. TENTH AND ALICE STs., Oakland. Alterations.

Owner—W. P. Fuller, 10th and Alice Sts., Oakland.

Architect—None.

Contractor—Schnebley & Hostrauser, 6th and Jackson Sts., Oakland. \$5900

SHOP

(6453) W FORTY-NINTH AVE., 600 S E-14th St., Oakland. 1-story cabinet shop.

Owner—A. Van der Haeghen, 3026 Peralta Ave., Oakland.

Architect—L. F. Hyde, 372 Hanover Ave., Oakland. \$2000

DWELLING

(6454) 2401 SIXTY-FOURTH AVE., Oakland. 1-story 5-room dwelling and garage.

Owner—Andrew Jacobson, 2307 Havenshurst Blvd., Oakland.

Architect—None. \$3650

DWELLING

(6455) 81 CREED ROAD, Oakland. 1-story 5-room dwelling.

Owner—A. Berglund, 1212 Page St., San Francisco.

Architect—None.

Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. \$4000

DWELLING
(6456) S BROOKDALE AVE. 130 W
35th Ave., Oakland. 1-story 4-rm
dwelling.
Owner—L. M. Enderly, Andrea, Calif.
Architect—None.
Contractor—Harry Meyer, 3216 Brook-
dale Ave., Oakland. \$3500

DWELLING
(6457) 1918 NINETEEN-SIXTH AVE.,
Oakland 1-story 5-room dwelling.
Owner—P. W. Brearey, 1928 96th Ave.,
Oakland.
Architect—None. \$3900

DWELLING
(6458) 847 SANTA RAY AVE., Oakland
2-story 6-room dwelling.
Owner—Leo J. Dolan, 1404 Franklin
St., Oakland.
Architect—None. \$5000

DWELLING
(6459) 4334 DIVISION ST., Oakland
1-story 5-room dwelling.
Owner—R. Stewart, 1388 Barrows Rd.,
Oakland.
Architect—None.
Contractor—J. R. Langtry, 739 Aileen
St., Oakland. \$5000

ADDITION
(6460) 437 ATHOL AVE., Oakland. Ad-
dition.
Owner—Chas. Hudson, 437 Athol Ave.,
Oakland.
Architect—None. \$1500

DWELLING
(6461) 3323 MAYBELLE AVE., Oak-
land. 1-story 4-room dwelling and
garage.
Owner—Sarah Howard, Oakland.
Architect—None.
Contractor—Clark & Warren, 3502
Foothill Blvd., Oakland. \$2850

DWELLINGS
(6462) 6821, 6827 ARTHUR ST., Oak-
land. Two 1-story 5-room dwlg.
Owner—W. L. Cleveland, Martinez,
Calif.
Architect—None.
Contractor—H. T. Caskey, 5929 Mauri-
tania Ave., Oakland. Each \$3000

DWELLINGS
(6463) SE COR. 107TH AVE. and
Pippin St. E 107th Ave. 34 and 67
S Pippin St., Oakland. Three 1-
story 4-room dwellings and gar-
ages.
Owner—E. B. and A. L. Stone, 804 Claus
Spreckels Bldg., S. F.
Architect—None. Each \$3150

(6464) NW COR. 25TH & BROAD-
way, Oakland. One-story brick &
concrete stores.
Owner—D. J. Sullivan, 918 Harrison St.
San Francisco.
Architect—W. H. Toepke, 72 New
Montgomery St., S. F.
Contractor—Barrett & Hilp, 351 12th
St., Oakland. \$20,000

GARAGE
(6465) W SIDE OF MYRTLE ST. BET.
28th and 29th Sts., Oakland. Gen-
eral construction on 2-story rein-
forced concrete garage bldg.
Owner—Oakland-California Towel Co.,
976 28th Street.
Architect—None.
Contractor—Brett & Hilp, 918 Har-
rison St., S. F.
Filed Dec. 11, '24. Dated Dec. 10, '24.
When concrete is up to 2nd floor 25%
When concrete is up to roof.....25%
When completed.....25%
Usual 35 days.....25%
TOTAL COST, \$9270
Bond, \$9270. Sureties, James T. Cas-
ey & A. Lachmann. Forfeit, \$25 per
day. Limit, 90 days from Dec. 10, 1924.
Plans and specifications filed.

DWELLING
(6466) NO. 2351 CEDAR ST., Berkeley.
One-story 7-room dwelling.
Owner—D. Browne, 1511 Walnut St.,
Berkeley.
Architect—J. Peppin, 851 Tresale Glen
Road, Oakland.
Contractor—P. Crane, 1231 Glen St.,
Berkeley. \$6750

DWELLING
(6467) NO. 1325 ORDMAN ST., Ber-
keley. One-story 5-room stucco
dwelling.
Owner—A. Klaeger, 1325 Ordway St.,
Berkeley.
Architect—None. \$3000

DWELLING
(6468) NO. 1139 CEDAR ST., Berkeley.
One-story dwelling.
Owner—L. Anderson, 2758 Greenwich
St., San Francisco.
Architect—Wallace McArthur, 2919 Otis
St., Berkeley.
Contractor—Wallace McArthur, 2919
Otis St., Berkeley. \$2700

SHOP
(6469) NO. 1314 ROSE ST., Berkeley.
One-story 3-room frame shop.
Owner—Independent Mill & Lumber Co.
Rose and West Sts., Berkeley.
Architect—Harry Khnoln, 1525 Chest-
nut St., Berkeley.
Contractor—Harry Khnoln, 1525 Chest-
nut, Berkeley. \$1500

STUDIO
(6470) NO. 3132 ETON ST., Berkeley.
One-story 1-room frame studio.
Owner—Mrs. E. Hill, Premises.
Architect—E. Hill, 3132 Eton St., Ber-
keley.
Contractor—Andersen & Horwood, 1927
Napa Ave., Berkeley. \$1200

APARTMENTS
(6471) NO. 2012 GRANT ST., Berkeley.
Two-story 11-room frame apart-
ments.
Owner—A. Lax, 436 Moss Ave., Oakland
Architect—None.
Contractor—A. Lackstrom, 2534 25th
Ave., Oakland. \$8000

DWELLING
(6472) NO. 850 SAN MATEO, Berkeley.
One and one-half-story 6-room
dwelling.
Owner—Geo. Rushforth, 2321 Blake St.,
Berkeley.
Architect—Owner.
Contractor—G. Whittaker, 725 W-12th
St., Oakland. \$7500

DWELLING
(6473) N FORTIETH ST., 527 E Liden
St., Oakland. 1-story 5-room
dwelling.
Owner—Ghigliotti & Capelini, 5503 Tel-
egraph Ave., Oakland.
Architect—None. \$3500

DWELLING
(6474) 1528 HOPKINS ST., Oakland.
1-story 5-room dwelling.
Owner—Harry LeGassick, 5830 Grove
St., Oakland.
Architect—None. \$3500

STATION
(6475) NW COR. E-TWELFTH ST.
and 3rd Ave., Oakland. 1-story
steel service station.
Owner—Union Oil Co. California, Los
Angeles, Calif.
Architect—None. \$3000

DWELLING
(6476) 2920 MILLSBRAE AVE., Oak-
land. 1-story 6-room dwelling.
Owner—G. A. Lenberg, 770 11th St.,
Oakland.
Architect—None. \$3500

DWELLING
(6477) 2926 FIFTY-FIFTH AVENUE,
Oakland. 1-story 5-room dwlg.
Owner—Andrew Stenbro, 4340 Division
St., Oakland.
Architect—None. \$3000

DWELLING
(6478) 3569 LINCOLN AVE., Oakland.
1-story 4-room dwelling and gar-
age.
Owner—Chas. C. Haskell, 2901 Fruit-
vale Ave., Oakland.
Architect—None. \$3000

REPAIRS
(6479) 1570 JACKSON ST., Oakland.
Fire repairs.
Owner—Thos. Mein, 1570 Jackson St.,
Oakland.
Architect—None.
Contractor—B. H. Shmidt, 2232 E-19th
St., Oakland. \$5000

STORES
(6480) NW FRUITVALE AVE. 79 S B-
road, Oakland. 1-story stores.
Owner—Nellie Kerr, 1505 37th Ave.,
Oakland.
Architect—None.
Contractor—R. E. Reeves, 1505 37th
Ave., Oakland. \$1500

DWELLING
(6481) 1024 10TH AVE., Oakland. 1-
story 5-room dwelling.

Owner—J. R. Arnold, 3770 Telegraph
Ave., Oakland.
Architect—None. \$3000

DWELLING
(6482) SE COR. KANSAS AND MA-
gee Aves., Oakland. 1-story 4-
room dwelling and garage.
Owner—C. P. Christiansen.
Architect—None.

Contractor—P. Dinesen, 3701 Lincoln
Ave., Oakland. \$2050

OFFICES
(6483) W FRUITVALE AVE., 49, 59
and 69 S E-15th St., Oakland. 3
1-story offices.
Owner—Nellie Kerr, 1505 37th Ave.,
Oakland.
Architect—None.
Contractor—R. E. Reeves, 1505 37th
Ave., Oakland. Each \$790.

DWELLING
(6484) N PROSPECT AVE. 80 E Athol
Ave., Oakland. 2-story 7-room
dwelling.
Owner—O. Hedeon, 1633 21st Ave., Oak-
land.
Architect—None. \$4800

APARTMENTS
(6485) NW HIGH AND BROOKDALE
Ave., Oakland. Three-story stores
and apartments.
Owner—P. R. Stokes, 38th Ave. and
Brookdale Ave., Oakland.
Architect—W. J. Wilkinson.
Contractor—Geo. H. Lydikson, 1616 25th
Ave., Oakland. \$20,000.

DWELLING
(6486) NW EXCELSIOR AND ALMA
Aves., Oakland. Two-story 6-room
dwelling.
Owner—W. F. Gibbard, 3428 Fruitvale
Ave., Oakland.
Architect—A. W. Smith, American Bk.
Bldg., Oakland.
Contractor—Barham Co., 211 American
Bank Bldg., Oakland. \$7000

RESIDENCE
(6487) LOT 12 BLK 18, Claremont,
Berkeley. All work for two-story
residence.
Owner—Edmund O'Neill, University of
California, Berkeley.
Architect—W. H. Ratcliff Jr., 1st Nat'l.
Bank Bldg., Berkeley.
Contractor—Peter Michelsen, 1638 Alca-
traz Ave., Berkeley.
Filed Dec. 12, '24. Dated Dec. 11, '24.
Frame up.....\$274.25
1st coat plaster on.....2747.25
When completed.....2747.25
Usual 35 days.....2747.25
TOTAL COST, \$10,989.00
Bond, \$5494.50. Surety, Hartford Acci-
dent and Indemnity Co. Limit, 90 days
from date of contract. Forfeit, \$5.
Plans and specifications filed.

FLAT, ETC.
(6488) LOT H AND PTN LOT G, Map
of Town of San Leandro. All work
for two-story flat and laundry
building.
Owner—J. E. Mirande.
Architect—F. Hyde.
Contractor—Ernest Andersen, 2045
Rutherford St., Oakland.
Filed Dec. 11, '24. Dated Dec. 9, '24.
1st story brick wall up.....3150
Brown mortar on.....3150
When completed.....3150
Usual 35 days.....3150
TOTAL COST, \$12,600
Bond, \$6300. Sureties, Harry Larsen &
M. A. Jones. Limit, 90 working days.
Forfeit, none. Plans and specifications
filed.

DWELLING
(6489) NO. 510 SANTA CLARA AVE.,
Berkeley. Two-story 6-room dwlg.
Owner—W. L. Broderick, 2114 Shattuck
Ave., Berkeley.
Architect—None. \$6500

DWELLING
(6490) 3231 IDAHO ST., Berkeley.
One-story 3-room dwelling.
Owner—Percy Dillon, Berkeley.
Architect—None.
Contractor—T. M. Patriek, 782 13th St.,
Oakland. \$1800

DWELLING
(6491) S EXCELSIOR AVE 100 W
Bruc, Oakland. One-story 4-room
dwelling.
Owner—S. A. Warner, 850 Cleveland
Ave., Oakland.
Architect—None. \$2000

STORES
(6492) W PARK BLVD. 84 S E-19th St., Oakland. One-story 4-room stores.
Owner—Van V. Midgley, 323 1st Nat'l Bank Bldg., Oakland.
Architect—None.
Contractor—Dinnie Constr. Co., 3757 Broadway, Oakland. \$7000

DWELLING
(6493) NO. 7412 HILLSIDE, Oakland. One-story 5-room dwelling.
Owner—Jack Winter, 3942 E-14th St., Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th St., Oakland. \$2500

DWELLING
(6494) E FIFTY-EIGHTH AVE 150 N Robert Ave., Oakland. One-story 6-room dwelling and garage.
Owner—Marie Jensen, 2551 64th Ave., Oakland.
Architect—None. \$4250

DWELLING
(6495) NO. 3255 BONA ST., Oakland. One-story 5-room dwelling.
Owner—Stoner & Talbot, 544 Chetwood St., Oakland.
Architect—None. \$3800

STATION
(6496) SW SEMINARY AVE AND E-14th St., Oakland. One-story concrete service station.
Owner—J. F. Mulqueeneey, 826 46th St., Oakland.
Architect—None.
Contractor—Jack Sherbsman, 2021 81st Ave., Oakland. \$1500

DWELLING
(6497) NO. 3056-58 HOPKINS ST., Oakland. One-story 9-room 2-family dwelling.
Owner—Harriet A. Billings, 811 11th St., Oakland.
Architect—None.
Contractor—E. A. Thompson, Jordan Road, Oakland. \$5000

DWELLING
(6498) NO. 2424 SEVENTY-THIRD AV., Oakland. One-story 4-room dwlg.
Owner—A. Jackson, 1534 57th Ave., Oakland.
Architect—None. \$2500

DWELLING
(6499) 858 ROSEMONT ROAD, Oakland. 2-story 9-room dwelling.
Owner—Edwin A. Duval, 216 Dalziel Bldg., Oakland.
Architect—None.
Contractor—Oliver Duval & Son, 216 Dalziel Bldg., Oakland. \$10,000

DWELLINGS
(6500) S ROBERTS AVE. 250 287 325 362 W Seminary Ave., Oakland. 4 1-story 5-room dwellings.
Owner—A. J. Flagg, 2501 Best Avenue, Oakland.
Architect—None. \$3500 each

ADDITION
(6501) 2152 CENTRAL AVE., Alameda All work for addition to main office building.
Owner—Pacific Telephone and Telegraph Co., 333 Grant Ave., San Francisco.
Architect—E. V. Cobby, building engineer, 333 Grant Ave., S. F.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed Dec. 12, 1924. Dated Dec. 10, 1924.
1st each month 75%
36 days after 25%
TOTAL COST, \$22,840
Bond, \$22,840; Sureties, Hartford Accident and Indem. Co., Forfeit, \$50 day; Limit, 45 days after Dec. 15, 1924; Plans and specifications filed; \$50 bonus.

DWELLINGS
(6502) 1526 1528 1532 HOLLY ST., Berkeley. 3 dwellings.
Owner—G. W. Muther, 5519 Thomas St., Oakland.
Architect—None. \$2750 each

RESIDENCE
(6503) 71 TUNNEL RD, Berkeley. Residence.
Owner—Norman W. Shaw, 2924 Claremont Ave., Berkeley.
Architect—None.
Contractor—C. O. Bradhoff, 911 55th St., Oakland. \$6250

DWELLING
(6504) 620 ARLINGTON AVENUE, Berkeley. Dwelling.
Owner—A. Hammarberg, 810 60th Ave., Oakland.
Architect—None. \$5000

RESIDENCE
(6505) 1412 CHANNING WAY, Berkeley. Residence.
Owner—Annie Gutzen, 2110 1/2 Ashly Avenue, Berkeley.
Architect—None.
Contractor—H. J. Flolow, 2110 1/2 Ashby Ave., Berkeley. \$4300

STORES
(6506) N FOOTHILL BLVD., 75 W Havencourt, Oakland. Two-story dwelling and stores.
Owner—Maria K. Nissen, 361 Main St., Hayward.
Architect—None. \$4500

DWELLING
(6507) 2053 83RD AVE., OAKLAND. One-story 5-room dwelling.
Owner—Robert A. P. Walker, 2057 83rd Ave., Oakland.
Architect—None. \$3000

ALTERATIONS & ADDITION
(6508) 425 PERKINS ST. OAKLAND. Alterations and addition to garage.
Owner—Wm. O'Connor, Oakland.
Architect—None.
Contractor—A. L. Rector, 567 6th St., Richmond. \$5700

DWELLING
(6509) BROOKDALE AVENUE, Oakland. Two-story 8-room dwlg.
Owner—Geo. E. Penfield, 4716 Ygnacio Ave., Oakland.
Architect—None.
Contractor—E. Pedersen, 700 25th Av., Oakland. \$5000

ADDITION
(6510) 5152 FOOTHILL BLVD., OAKLAND. Addition.
Owner—Geo. H. Albers, 5152 Foothill Blvd., Oakland.
Architect—None. \$1500

DWELLING & GARAGE
(6511) 2441 BARTLETT ST., OAKLAND. One-story 5-room dwelling and garage.
Owner—R. W. Ogden, 660 46th Street, Oakland.
Architect—None. \$4250

DWELLING
(6512) 800 EVERETT AVE., OAKLAND. One-story 5-room dwlg.
Owner—Peter Harlamb, 720 9th Street, Oakland.
Architect—None.
Contractor—Edwia Roller, 706 10th St., Oakland. \$4000

DWELLING
(6513) LOT 81 MERRIEWOOD TCT., Oakland. One-story 3-room dwlg.
Owner—D. Lovette, 4010 San Pablo Ave., Oakland.
Architect—None.
Contractor—Thos. R. White, 3892 35th Ave., Oakland. \$1000

ADDITION
(6514) 4701 FOOTHILL BLVD., OAKLAND. Addition.
Owner—Dr. A. H. Rowe.
Architect—None.
Contractor—M. E. Hopper & Sons, 1117 Webster St., Oakland. \$1100

DWELLINGS (3)
(6515) 2735-41-47 OCTAVIA STREET, Oakland. Three 1-story 5-room dwellings.
Owner—Weber & Mitchell, 3007 East 14th St., Oakland.
Architect—None.
Contractor—J. E. Sprague, 4518 Edgewood Ave., Oakland. \$3000 each

DWELLING
(6516) NO. 1440 BLAKE, Berkeley. One-story 5-room dwelling.
Owner—H. Anderson, 702-A 25th St., Oakland.
Architect—None. \$3700

DWELLING
(6517) NO. 1539 FRANCISCO S., Berkeley. One-story 5-room dwelling.
Owner—G. R. Blasingame, 1529 Francisco St., Berkeley.
Architect—None. \$3000

DWELLING
(6518) NO. 27 ROBLE ROAD, Berkeley. Two-story 5-room dwelling.
Owner—E. O'Neill.
Architect—Walter Ratcliffe.
Contractor—J. P. Michelson, 1638 Alcatraz Ave., Berkeley. \$10,000

DWELLING
(6519) 1315 96TH AVE., OAKLAND. One-story 5-room dwlg.
Owner—C. W. Griffith, 1323 96th Av., Oakland.
Architect—None. \$2500

DWELLING
(6520) W 34TH AVE., 100 N ORCHID St., Oakland. One-story 4-room dwelling.
Owner—D. Dether, 2928 Schyler St., Oakland.
Architect—None.
Contractor—D. Dether, 2928 Schyler St., Oakland. \$1500

DWELLING
(6521) 3227 61ST AVE., OAKLAND. One-story 4-room dwlg.
Architect—E. R. Blabon, 1962 Seminary Ave., Oakland. \$2350

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 California Street, San Francisco, Cal.

JUNE 30th, 1924

Assets.....	\$93,198,226.96
Capital, Reserve and Contingent Funds.....	3,900,000.00
Employees' Pension Fund.....	446,024.41

MISSION BRANCH..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH..... Haight and Belvedere Streets
WEST PORTAL BRANCH..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

SIGNS
(6522) NE COR. 14TH & WEBSTER STS., Oakland. Roof sign and electric sign.
Owner—City of Paris, 14th & Webster Sts., Oakland.
Architect—None.
Contractor—National Electric Sign Co., 310 18th St., Oakland. \$1650

DWELLING
(6523) NE COR. 55TH AVE. & BRANN ST., Oakland. One-story 5-room dwelling.
Owner—Annie M. Birr, 533 22nd Street, Oakland.
Architect—None. \$4000

ALTERATIONS
(6524) W BROADWAY 30 N 19TH ST., Oakland. Alterations.
Owner—Donato Bros., Oakland.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. & East 10th St., Oakland. \$1500

DWELLING
(6525) 2427 68TH AVE., OAKLAND. One-story 6-room dwelling.
Owner—E. L. Hausen, 1950 East 20th St., Oakland.
Architect—None. \$4000

ALTERATIONS
(6526) 1520 39TH AVE., OAKLAND. Alterations to apartments and one-story garage.
Owner—Leon E. Gracier, 1520 39th Av., Oakland.
Architect—None. \$3300

DWELLING
(6527) N MESABA AVE., 75 E 62ND AVE., Oakland. One-story 5-room dwelling.
Owner—J. N. Larson, 6217 Trenor St., Oakland.
Architect—None. \$3000

WAREHOUSE
(6528) W 14TH AV. 150 S EAST 12TH ST., Oakland. Two-story warehouse.
Owner—W. A. Noack, 1345 East 12th St., Oakland.
Architect—None. \$2000

DWELLING
(6529) 5941 McALL ST., OAKLAND. One-story 4-room dwlg.
Owner—E. Diquattro, 637 59th Street, Oakland.
Architect—None.
Contractor—F. W. Hallett, 812 Broadway, Oakland. \$2000

DWELLING
(6530) 1419 57TH AVE., OAKLAND. One-story 4-room dwelling.
Owner—Antone Goulatti.
Architect—None.
Contractor—John Tell, 2840 Parker Av., Oakland. \$3000

DWELLING
(6531) 7332 ASH ST., OAKLAND. One-story 4-room dwelling.
Owner—Mary A. Moore, 1656 84th Av., Oakland.
Architect—None.
Contractor—L. A. De Chaine, 1257 78th Ave., Oakland. \$2500

DWELLING & GARAGE
(6532) 3071 CAPP ST., OAKLAND. One-story 5-room dwelling and garage.
Owner—Ness Bros., 2943 23rd Ave., Oakland.
Architect—None. \$4200

DWELLING
(6533) 1130 87TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—Emile Martie, 8746 East 14th St., Oakland.
Architect—None.
Contractor—R. A. Moore, 1355 84th Av., Oakland. \$2000

APARTMENT
(6534) 3040 EAST 19TH ST., OAKLAND. Three-story 24-room apartment.
Owner—J. A. Lombard, 1428 Franklin St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 1428 Franklin St., Oakland. \$26,000

DWELLING & GARAGE
(6535) N LONGRIDGE ROAD, 332 W Elmhurst Road, Oakland. Two-story dwelling and garage.

Owner—E. C. Stiffens, 41st & Opal Sts., Oakland.
Architect—None.
Contractor—Rose & Tanner, 1830 Hearst Ave., Berkeley. \$5500

RESIDENCE
(6536) LOT 2 BLK E MAP OF GRAND AVENUE HEIGHTS (By the Park), Oakland. General construction on 1 1/2-story and basement residence frame and hollow tile.
Owner—James E. & Ruth A. Gale, 614 23rd St., Oakland.
Architect—Harris Allen, Central Bank Bldg., Oakland.
Contractor—F. C. Stolle, 3455 Laguna Ave., Oakland, Cal.
Filed Dec. 16, 1924. Dated Dec. 6, 1924.
When masonry work is com. \$1235
When frame is completed 1235
When plastered 1235
When completed 1235
Usual 35 days 1645
TOTAL COST \$6585
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days from above date.
Plans and specifications filed.

PERMITS

DWELLING
(6537) NO. 3256 THOMPSON AVE., Alameda. One-story 6-room dwlg.
Owner—Howard Willford, 3237 Bayo Vista Ave., Alameda.
Architect—None. \$4200

DWELLING
(6538) NO. 1023 VERSAILLES AVE., Alameda. One-story 3-room dwlg.
Owner—C. H. Noble, 1336 Park St., Alameda.
Architect—None. \$2300

DWELLING
(6539) NO. 2759 MATHER ST., Berkeley. One-story 5-room dwelling.
Owner—E. Harrison, 5430 Thomas St., Oakland.
Architect—None.
Contractor—L. A. Peters, 1361 E-27th St., Oakland. \$2600

DWELLING
(6540) NO. 1323 TAMALPAIS ROAD, Berkeley. One-story 2-room dwlg.
Owner—A. Dondo, 1321 Tamalpais Rd., Berkeley.
Architect—Henry Howard, First Nat'l Bank Bldg., San Francisco.
Contractor—Fred Oier, 1350 Curtis St., Berkeley. \$1300

DWELLING
(6541) NO. 1561 POSEN ST., Berkeley. One-story 5-room dwelling.
Owner—Thos. Malkia, 2405 McKinley Ave., Berkeley.
Architect—None. \$4200

DWELLINGS
(6542) NO. 2122 AND 2124 LOS ANGELES ST., Berkeley. Two one and one-half-story 6-room dwellings.
Owner—Helen Renton, 2265 Cedar St., Berkeley.
Architect—None.
Contractor—E. F. Henderson, 2737 Forest Ave., Berkeley. \$5000 ea

APARTMENTS
(6543) NO. 1624 UNIVERSITY AVE., Berkeley. Three-story 65-room, 7-store frame apartment building.
Owner—Lichens & Williamson, 1611 University Ave., Berkeley.
Architect—East Bay Planners, 306 14th St., Berkeley.
Contractor—E. Lichens, 1614 University Ave., Berkeley. \$65,000

ADDITION
CENTRAL AVE. near Walnut St., Alameda. Addition to telephone building.
Owner—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., San Francisco. \$22,000

DWELLING
(6544) S WELDON ST., OPP. SCOTT ST., Oakland. One-story 6-room dwelling.
Owner—W. T. Vaughn, 490 Opal St., Oakland.
Architect—None. \$4500

DWELLING
(6545) E BARTLETT ST., 165 N Lynde St., Oakland. One-story 5-room dwelling.

Owner—A. J. Ayer, 2054 38th Avenue, Oakland.
Architect—None.
Contractor—Paul E. La Voie, 2351 Abbey St., Oakland. \$3000

DWELLING & GARAGE
(6546) 2821 AVENAL AVE., OAKLAND. One-story 5-room dwelling and garage.
Owner—J. W. Sigwald, 2333 38th Ave., Oakland.
Architect—None. \$2625

DWELLING
(6547) W TOMKINS ST., 50 N CALIFORNIA AVE., Oakland. One-story 3-room dwelling.
Owner—W. A. Wheeler, 6322 Outlook Ave., Oakland.
Architect—None. \$1500

DWELLING
(6548) S WELD ST., 715 E 73RD AVE., Oakland. One-story 4-room dwlg.
Owner—J. E. Chambers, Plaza Bldg., Oakland.
Architect—None.
Contractor—L. A. Peters, 1361 East 27th St., Oakland. \$2250

DWELLING & GARAGE
(6549) E BELLAIRE PL., 40 S LYNDE ST., Oakland. One-story 6-room dwelling and garage.
Owner—A. C. Jennings, 2765 East 16th St., Oakland.
Architect—None. \$3650

DWELLING & GARAGE
(6550) W SEMINARY AVE., 300 N Brann St., Oakland. One-story 6-room dwelling and garage.
Owner—Geo. W. Gemreich, 692 Walla Vista Ave., Oakland.
Architect—None. \$4500

ALTERATIONS, ADDITION & GARAGE
(6551) 4074 LINCOLN AVE., OAKLAND. Alterations and addition & 1-story garage.
Owner—E. West, 673 29th St., Oakland.
Architect—None. \$1100

DWELLING
(6552) N HAMPTON ROAD, 200 W Moraga Road, Oakland. Two-story 6-room dwelling.
Owner—A. J. Aaroe, 5612 Grove Street, Oakland.
Architect—None. \$6500

DWELLING
(6553) 2964 DELAWARE ST., OAKLAND. One-story 5-room dwelling.
Owner—H. F. Lapier, 3129 Arkansas St., Oakland.
Architect—None. \$4000

DWELLING
(6554) W 58TH AVE., 680 S EAST 14th St., Oakland. One-story 4-room dwelling.
Owner—S. J. Cross, Oakland.
Architect—None.
Contractor—S. Morris & Son, 4162 Quigley St., Oakland. \$1925

DWELLING
(6555) NORTH END OF PLEASANT VALLEY COURT, Oakland. One-story 5-room dwelling.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None. \$3500

DWELLING
(6556) 58TH AVE., 715 S EAST 14th St., Oakland. One-story 8-rm. 2-family dwelling.
Owner—S. Morris, Oakland.
Architect—None.
Contractor—S. Morris & Son, 4162 Quigley St., Oakland. \$4225

ADDITION
(6557) 1377 HOPKINS ST., OAKLAND. Addition.
Owner—J. Silva, 1448 East 34th St., Oakland.
Architect—None. \$3000

DWELLING
(6558) SW SIDE OF FOOTHILL BLVD 2 miles more or less West of Pleasanton, Alameda County. General construction on 1-story 6-rm. dwelling.
Owner—Walter M. Briggs, 2515 Piedmont Ave., Oakland.

Architect—Hutchison & Mills, 1214 Webster St., Oakland.
 Contractor—A. Frederick Anderson, 2800 Delaware St., Oakland.
 Filed Dec. 16, 1924. Dated Dec. 15, 1924.
 When frame is up 25%
 First coat of plaster 25%
 When completed 25%
 Usual 35 days 25%
 TOTAL COST, \$7330.50
 Bond, \$3665. Sureties, Indemnity Co. Forfeit, none. Limit, 90 days from date. Plans and specifications filed.

WRING (6559) CENTRAL WAREHOUSE Group at Emeryville, Bkls. 9, 10 and 11. Electrical wiring system. Owner—Pacific Gas & Electric Co. Architect—Plans prepared by the company. Hunter & Hudson, Consulting Engineers.
 Contractor—Calif. Electrical Construction Co., 687 General St., S. F. Filed Dec. 16, 1924. Dated Nov. 24, 1924. At the end of each month, of labor and materials, etc., incorporated 75%
 Usual 35 days Balance
 TOTAL COST, \$11,559.
 Bond, \$5780. Sureties, Fidelity & Deposit Co. of Md. Forfeit, limit, none. Plans and specifications filed.

FLATS (6560) POR. LOTS 2 & 3 BLK. 7, T. M. Antisell Map of Villa Tract, Berkeley. General construction on 2-story 4-apartment flats.
 Owner—Mrs. Nastasia Prohaska of San Francisco and Samuel Illich of Berkeley, 3104 King St., Berkeley.
 Architect—S. G. Jackson, 863 36th St., Oakland.
 Contractor—Angelman & Son, 2047 36th Ave., Oakland.
 Filed Dec. 16, 1924. Dated Dec. 1, 1924. When frame is up \$3650
 When brown coated 3000
 When accepted 3000
 Usual 35 days 3000
 TOTAL COST, \$12,550
 Bond, \$3235. Sureties, Indemnity Co. Forfeit, none. Limit, 90 working days after Dec. 8, 1924. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
 Dec. 11, 1924—NORTHPORT. That of certain 9.48 acre tract conveyed by Julie L. Haste to H. C. Poundstone, dated Sept. 20, 1922, recorded under serial No. S/236782, Piedmont. H. C. Poundstone to William Kat. Dec. 11, 1924
 Dec. 11, 1924—NO. 2314 SIXTY-SIXTH AVE., Oakland. S. Damgaard to whom it may concern. Dec. 10, 1924
 Dec. 11, 1924—NO. 2306 SIXTY-SIXTH AVE., Oakland. S. Damgaard to whom it may concern. Dec. 10, 1924
 Dec. 11, 1924—LOT 17 BLK. 9, Lake-shore Highlands, Oakland. Bertha Elizabeth Auchinleck to whom it may concern. Dec. 8, 1924
 Dec. 11, 1924—LOT 26 BLK. 33, Amended Map of Fairmount, Albany R. Y. Hanlon to Anderson & Anderson. Dec. 11, 1924
 Dec. 11, 1924—VINE ST. 55 W. of Hawthorne Terrace, Berkeley. W. E. Warren to O. E. Nelson. Dec. 10, 1924
 Dec. 11, 1924—BLKS. 10, 11 AND 12, located near Hollis St. and Stanford Ave., Emeryville. Pacific Gas & Electric Co. to C. H. and A. W. Gorrill. Dec. 11, 1924
 Dec. 11, 1924—LOT 12 BLK. 84, Amended Map of Fairmount Park, Berkeley. Anna Fritz to MacDonell & Foreman. Dec. 2, 1924
 Dec. 11, 1924—SE. PALOMA AND Madana Ave., Oakland. V. N. Smith to L. M. Baird. Dec. 10, 1924
 Dec. 11, 1924—COR. EISENBERG AND Vicente Ave., Berkeley. R. J. Melaphy to W. H. Wells. Dec. 11, 1924
 Dec. 10, 1924—LOT 12 BLOCC 31, Amended Map of Havenscourt, Oakland. Olaf and Christina Nelson to whom it may concern. Dec. 1, 1924
 Dec. 10, 1924—LOT 44, BLOCK 9, Thousand Oaks, Berkeley. Mary Dewees Fowler to E. F. Henderson. Nov. 22, 1924
 Dec. 10, 1924—BEG. AT A. P. ON DIV. line of 283' ST. DE 45' ST. SE of 9th Ave., thence SE 39 ft. SE

110 ft. NW 39 ft. NE 110 ft. to pt. of Beg., Oakland. Chas. E. and Esther A. Blake to L. A. Peters. Dec. 8, 1924
 Dec. 10, 1924—NW COR. FORTY-third and Telegraph, Oakland. J. N. Fitzgerald to B. A. Stewart. Dec. 10, 1924
 Dec. 10, 1924—1426 FRANKLIN ST., Oakland. East Bay Title Insurance Co. to Roberts Mfg. Co. Dec. 10, 1924
 Dec. 10, 1924—1426 FRANKLIN ST., Oakland. East Bay Title Insurance Co. to Scott Co., Inc. Dec. 2, 1924
 Dec. 10, 1924—1426 FRANKLIN ST., Oakland. East Bay Title Insurance Co. to Scott Bros., Inc. Dec. 1924
 Dec. 10, 1924—1426 FRANKLIN ST., Oakland. East Bay Title Insurance Co. to W. P. Fuller Co. Dec. 2, 1924
 Dec. 10, 1924—1426 FRANKLIN ST., Oakland. East Bay Title Insurance Co. to John M. Bartlett. Dec. 2, 1924
 Dec. 10, 1924—1426 FRANKLIN ST., Oakland. East Bay Title Insurance Co. to Harry Magnus. Dec. 2, 1924
 Dec. 10, 1924—PORTION LOTS 7 & 8 Blk 18 Resub of a Por. of Broad-moor, San Leandro. J. Plummins & L. J. White to Oakland Home Builders Inc. Dec. 1924
 Dec. 10, 1924—2793 TWENTY-FIFTH AVE. Jessie Martin to N. A. Blodgett. Dec. 9, 1924
 Dec. 10, 1924—36 OAK RIDGE ROAD, Berkeley. R. L. Chamberlain to J. F. Alterman. Dec. 6, 1924
 Dec. 10, 1924—2945 SEMINARY AVE. W. L. Cleveland to whom it may concern. Dec. 9, 1924
 Dec. 12, 1924—NW COR. 13TH AND Clay Sts., Oakland. C. J. Heese to Ouis Elevator Co. Dec. 1924
 Dec. 12, 1924—NW COR. 13TH AND Clay St. C. J. Heese to E. T. Leitter. Dec. 2, 1924
 Dec. 12, 1924—2315 DAWDUTH ST., Oakland. W. A. Netherby to whom it may concern. Dec. 12, 1924
 Dec. 13, 1924—PORT. LOT 8 MAP OF Dutton Manor, San Leandro. Eva Green to whom it may concern. Dec. 13, 1924
 Dec. 13, 1924—NO. 2872 MONTANA ST., Oakland. J. F. Thomas to whom it may concern. Dec. 10, 1924
 Dec. 13, 1924—LOT 4 BLK 10 MAP of the Matthews Tract, Berkeley. James H. Cunningham to L. Graziar. Dec. 8, 1924
 Dec. 13, 1924—1600 AUSEON AVE., Oakland. Elizabeth M. Ross to A. E. Waldman. Dec. 12, 1924
 Dec. 13, 1924—PORT. LOTS 5 & 6 Blk A Map of the Resub of the High Street Villa Tract, Oakland. Robert W. Murphy to L. Zwaal. Dec. 1924
 Dec. 13, 1924—LOT 4 & PORT. LOTS 3 & 5 Blk A Map of the Resub of High Street Villa Tract, Oakland. Robert W. Murphy to L. Zwaal. Dec. 11, 1924
 Dec. 13, 1924—PORT. LOTS 21 & 22 Blk. 24 Warren Tract, Oakland. W. L. Elting to whom it may concern. Dec. 1924
 Dec. 13, 1924—PORT. LOT 22 BLK 24 Warner Tract, Oakland. I. G. Gibbs to whom it may concern. Dec. 2, 1924
 Dec. 12, 1924—LOT 112 A. J. Snyder's Piedmont Terrace, Berkeley. Oakland. Lois D. McReynolds and Gladys F. Donaldson to Samuel Lee. Dec. 10, 1924
 Dec. 12, 1924—LOT 76, A. J. Snyder's Piedmont Terrace, Berkeley. Gertrude D. Egenhoff to Geo. Windsor. Dec. 12, 1924
 Dec. 12, 1924—LOT 16, BLK. L, Map of the Andrew Jones Tract, Oakland. Albert Salani to J. H. Pickland. Nov. 22, 1924
 Dec. 12, 1924—NW COR. 41ST ST. and Gilbert, Oakland. Sixth Church of Christ Scientists to F. W. Maurice. Dec. 8, 1924
 Dec. 12, 1924—POR. LOTS 2 AND 3, Blk. B, Map of the Bryant Tract, Berkeley. M. Schwind to whom it may concern. Dec. 1924
 Dec. 12, 1924—POR. LOTS 2 AND 3, Blk. B, Map of the Bryant Tract, Berkeley. M. Schwind to whom it may concern. Dec. 6, 1924
 Dec. 12, 1924—POR. LOT 1 MAP of the Bryant Tract, Berkeley. M. Schwind to whom it may concern. Dec. 6, 1924

Dec. 12, 1924—LOT 2, BLK. 8, Lakemont, Oakland. Alvin R. Thomas to whom it may concern. Dec. 11, 1924
 Dec. 11, 1924—COR. EISENBERG AND Vicente Ave., Berkeley. R. J. Melaphy to W. H. Wells. Dec. 15, 1924
 Dec. 11, 1924—4635 SAN SEBASTIAN AVE., Oakland. Jas. B. Grubb to whom it may concern. Dec. 11, 1924
 Dec. 12, 1924—LOT 115 GALINDA Tract, Oakland. J. M. T. to whom it may concern. Dec. 11, 1924
 Dec. 15, 1924—LOT 22 AND POR. 21, Blk. T, Regents Park Tract, Berkeley. Margaret Wall to J. R. Harvey. Dec. 1924
 Dec. 15, 1924—POR. LOT 4, BLK. 2121, Map of the Alden Tract at Temescal, Oakland. Rodolfo Parana to Joe Marens. Dec. 15, 1924
 Dec. 15, 1924—4615 BROOKDALE AVE., Oakland. Louis De Jong to whom it may concern. Dec. 15, 1924
 Dec. 15, 1924—LOT 17, BLK. H-852, Tract Grant Avenue, Berkeley. The Park, Oakland. Paul O. Troplong to Calif. Builders Inc. Dec. 12, 1924
 Dec. 15, 1924—548-50-52 61ST ST., Oakland. Pauline E. Koskoff to Calif. Builders Inc. Dec. 12, 1924
 Dec. 16, 1924—LOT 8 AND 9 BLK. Q, Map of Regent Park, Berkeley. Alma E. Turner to whom it may concern. Dec. 1924
 Dec. 16, 1924—LOTS 2 AND 6 BLK. Map of San Leandro Court, Berkeley. C. B. Wallace to Anderson & Anderson. Dec. 15, 1924
 Dec. 16, 1924—LOT 11 AND 12, Berkeley. A. H. Pearce to Grigsby Bros. Dec. 16, 1924
 Dec. 16, 1924—3815 AND 3825 Laurel Ave., and 3165 California St., Oakland. Justus Norris to Justus Norris. Dec. 10, 1924
 Dec. 16, 1924—3612 MAPLE AVE., Oakland. Chas. F. Moller to A. Anderson. Dec. 15, 1924
 Dec. 16, 1924—LOT 8, Blk. F, MAP of the Clinton Mound Tract, Oakland. Madeline Trebotich to J. H. Martin. Oct. 23, 1924
 Dec. 16, 1924—N. LINE OF 60' of Shaleys Ave. thence N 60° E 53' S 60° W 53' to pt. of beg., Oakland. Lewis & Mitchell, Inc. to S. C. Walker. Dec. 11, 1924
 Dec. 16, 1924—EAST SIDE OF BLK. 5, Regents Park No. 6, Map No. 6, of Regents Park, Oakland. Elta B. Sumner to whom it may concern. Dec. 15, 1924
 Dec. 16, 1924—LOT 1, BLK. 5, Oak Park Tract, Berkeley. Florence C. Bane to W. D. Ellis. Dec. 11, 1924
 Dec. 15, 1924—LOTS 14-15, BLK. N, Iveywood, Oakland. W. J. Parry to whom it may concern. Dec. 15, 1924
 Dec. 15, 1924—LOT 23, BLK. B, Golden Gate Tract. A. R. Atterbury to whom it may concern. Dec. 15, 1924
 Dec. 15, 1924—LOT 33, BLK. B, Map of Central Terrace, Brooklyn Twp. Mac Jordan to whom it may concern. Dec. 12, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
 Dec. 10, 1924—LOTS 6 & 7 SCHOOL house Tract, Berkeley. NEIGHBORS Lumber Yard vs. Marione Guarneri, W. A. Walker, E. L. Thompson. Calif. Mutual Bldg. & Loan Assn. Dec. 10, 1924
 Dec. 10, 1924—1218 ORCHARD AVE., San Leandro. Harry Larsen vs. John Fernandes, Augusta Fernandes & Frank Bento. \$212.30
 Dec. 10, 1924—BEG. AT A. P. ON N. 100' of E 34th St. dist. 525' E from Bruce St., thence E 37 1/2' N 100' W 37 1/2' S 100' to pt. of beg., Oakland. E. W. Harmon & H. Nicolai (Melrose) vs. J. H. Parsons & American Construction Co. \$63
 Dec. 10, 1924—POR. LOTS 23 & 24 Blk K New Map of the Eastern Port of Lynn, Oakland. B. W.

BUNGALOW and garage, \$4000; Lot 24 Blk 6, Morrell Ave., Burlingame; owner, H. L. Charroin, 128 Middlefield. - Burlingame; contractor, Martin Peterson, 128 Middlefield, Burlingame.

RESIDENCE and garage, \$5000; Lot 3 Blk 11 Hale Dr., Burlingame; owner, Simonds and Simonds.

RESIDENCE and garage, \$4500; Lot 32 Blk 49 Cortes Blvd., Burlingame; owner, J. F. Sharp, 1132 Juanita, Burlingame.

RESIDENCE and garage, \$7300; Lot 9 Blk. 27 Cortes Ave., Burlingame; owner, W. J. Hayes, 1033 Laguna, Burlingame; contractor, J. E. Balke, 1016 E. St., Los Angeles.

RESIDENCE and garage, \$5000; Laguna and Paloma Ave. reserve Tct Burlingame; owner, D. M. Cline.

ALAMEDA COUNTY

Recorded	Amount
Dec. 16, 1924—3327 ADELE COURT, Oakland, L. J. Walstad to Walter Dilling & Roy Connor.....	\$150.
Dec. 10, 1924—LOTS 1 & 2, B.L.K. 2, Villa Tract, Oakland, Sunset	
Land Co. to Elsie Nielson.....	\$175.
Dec. 16, 1924—POR LOT 5, B.L.K. 87, Hogans' Subdiv. of Highland Park, Melrose Sheet Metal Works to E. W. and A. J. Henry and F. W. Borden.....	\$43.25
Dec. 16, 1924—LOT 6, B.L.K. 87, Hogans' Subdiv. of Highland Park, Melrose Sheet Metal Works to Ella R. and A. J. Henry and F. W. Borden.....	\$43.25
Dec. 16, 1924—2573 14TH AVE., Oakland, T. H. Melrose to Sash & Door Co. to Mrs. M. E. Edwards and Roy Connor.....	\$38.85
Dec. 16, 1924—2582 14TH AVE., Oakland, T. H. Melrose to Sash & Door Co. to Mrs. M. E. Edwards and Roy Connor.....	\$107.15
Dec. 16, 1924—SE COR. HOPKINS AVE. and 38th St., Oakland, E. Briesbach (Bay Shore Sash & Door Co.) to Walter Dilling and Roy Connors.....	\$116.05
Dec. 15, 1924—EAST A PT. OF 1/4 LINE of San Pablo ave. dist. 157' N of 27th St. running thence N 114.76 ft. W 200 ft. S 114.76 ft. E 200 ft. to pt. of beg., Oakland, W. F. Fullerton Co. to E. B. Fullerton,ducers Assn. and M. E. Hopper.....	\$1526.00
Dec. 16, 1924—LINE OF E 34TH St. dist. 525' E of Bruce St. thence E 37 1/2' N 100' W 37 1/2' S 100' to pt. of beg., Oakland, Melrose Sheet Metal Works to H. Parsons, Assn. Construction Co. and F. J. Don	\$630.

SAN MATEO COUNTY

WASHINGTON ST. BET. EAST BRAD-
ford and Broadway, Redwood City.
Furnish and construct gutter etc.,
oiled macadam pavement.
Owner—L. B. Winiger et al, Redwood
City.
Architect—Supt. of Streets, Redwood
city.
Contractor—E. M. Darbora, Redwood
City.
Filed Dec. 6, 1924. Dated Oct. 17, 1924.
10 days after TOTAL COST, \$3138
Bond, Forfeit, Limit, none; Plans and
specifications filed.

cern Dec. 12, 19

LIENS FILED

SACRAMENTO COUNTY

Recorded
Dec. 19, 1924—N 80 FT LOT 1 and N 80 FT Lot 2 and E 1/2 of Lot 3, E. F. N. and 80th Sts., Sacramento. W. J. Clifford and James A. Conwell vs. Margaret, Edward and John Doe Brown and Richard Roe Moe vs. Brown & Moe. \$200.47
Dec. 12, 1924—E 1/2 of Lot 6, J. K. 3rd and 4th Sts., Sacramento. J. E. Peterson vs. Spoto D. Glasco. \$500
Dec. 13, 1924—E 1/2 of Lot 5 GALT, Midvalley Lbr. Co. vs. Anton Stefan and George Samuel. \$102.35

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESURGENCE
LOT 20 SAN JUAN SUBD., STANFORD University. All work for two-story residence and garage.
Owner—W. M. Director, Campus of Stanford University, Palo Alto.
Architect—Birge M. Clark, 301 University Ave., Palo Alto.
Contractor—J. W. Osborne & R. C. Knight, Mt. View, Cal.
Filed Dec. 5, 1924. Dated Dec. 3, 1924. As work progresses.75¢
Usual 35 days.25%
TOTAL COST, \$11,800
Bond, \$6000; Sureties, Paul M. P. Mermer and James H. Pierce; Forfeit, none; Limit, 120 days; Plans and specifications filed.

STORE BLDG.
SE DELMAS AVE AND SAN FERNANDO St., San Jose. All work for one-story frame store building.
Owner—J. J. Orleans, City of New Orleans, Louisiana.
Architect—Wolfe & Higgins, 93-96 Auerswald Bldg., San Jose.
Contractor—J. A. Nordeen, San Jose.
Filed Dec. 15, 24. Dated Nov. 22, 24. Frame up and rafters on.561.25
1st coat plaster on.561.25
Building completed.561.25
Usual 35 days.561.25
TOTAL COST, \$2245.00

Bond, \$1122.50. Sureties, W. R. Frost and E. C. Brunhouse. Limit, 45 days after Dec. 15, 1924. Forfeit, none. Plans and specifications filed.

STORE, small, \$1000; Almaden & Edwards, San Jose, owner, Frank Russ, Almaden & Edwards, San Jose, designer and contractor, Wm Regal, 945 Delmas, San Jose.
RESIDENCE, 6-rm \$4200; 9th nr Julian, S. J. owner, L. C. Rossi, 965 Keller, San Jose.

RESIDENCE, 5-room, \$3800; 9th near Julian, San Jose; owner, L. C. Rossi, 965 Keller Ave., San Jose;
RESIDENCE, 4-room, \$2400; 19th near William, San Jose; owner, J. F. Howell, premises.

RESIDENCE, 5-room, \$3750; San Carlos and 13th, San Jose; owner, Wm. M. Lewis, 366 S 16th, San Jose.
ALTERATIONS, \$2750; San Antonio & 2nd, San Jose; owner, Dudley Wendt, Central Market, San Jose;

contractor, J. A. Lemieux, Senter Road, San Jose.
RESIDENCE, duplex, \$4500; 11th & St. James, San Jose; owner, J. M. Puck 1175 Minnesota, San Jose; contractor, Weldon.
RESIDENCE, duplex, \$3000; 13th near Julian, San Jose; owner, V. Sgarlato, 601 E Julian, San Jose; contractor, B. J. Rucker.
RESIDENCE, 6-room, \$5435, 9th near Martha, San Jose; owner, C. Y. Brownlee, 59 N Second, San Jose; designer and contractor, J. E. McCombs, 437 Fuller, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Dec. 12 1924—S 1/2 LOT 1 and N 1/2 Lot 4 Blk 23, Reeds Addition, San Jose. Louis Bruch to Charles A. Del Ponte.Dec. 11, 1924	
Dec. 12, 1924—LOT 16 Hancock Court, San Jose. Charles H and Ella M. Rabin to whom it may concern.Dec. 11, 1924	
Dec. 12, 1924—LOT 38 Blk 12, Palo Alto. William D. Wasson to Bertsch & Briggs.Dec. 3, 1924	
Dec. 12, 1924—PTN LOTS 31 TO 35 inc. Blk 49, Palo Alto. August and Annie Lydia Carlson to O R Nelson.Dec. 5, 1924	
Dec. 12, 1924—LOT 6 Hart's Subdiv San Jose. A B Hartwig to D H Main.Dec. 12, 1924	
Dec. 12, 1924—LOT 24 Adams & Keller Subdiv, San Jose. L C Rossi to whom it may concern. Dec. 12, '24	
Dec. 13, 1924—LOT 10 Marshall Subdivision, San Jose. Anna H Nelson to whom it may concern. Dec. 11, '24	
Dec. 13, 1924—SW BRYANT ST. 160 SE from intersection of E line Palo Alto Ave with SE Bryant St. being 50x100. Charles E Tully to whom it may concern.Dec. 12, 1924	
Dec. 15, 1924—LOT 19 BLK 13, Seale Addition No. 1, San Jose. Lillian Vredenburg to C A White.Nov. 12, 1924	
Dec. 15, 1924—LOT 12 BLK 3, Hanchett Residence Park, San Jose. Adolph G Goldstein to whom it may concern.Dec. 12, 1924	
Dec. 16, 1924—BEG. 125 FT. S Addison Ave Pt Lot 1 Blk D said Lot having 50 ft. frontage on Emerson and 105 ft. deep, Fairlie Alto. Emily Jacobson to whom it may concern.Dec. 6, 1924	
Dec. 16, 1924—LOT 61 V. A. Hancock Subdiv No. 1, San Jose. Emily F. Lietz to who mit may concern.Dec. 15, 1924	
Dec. 16, 1924—LOT 10 BLK 2, Burrell Park, San Jose. Thomeilus and Clara M Hansen to F W Brown and F C Grupp.Dec. 9, 1924	

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Dec. 12, 1924—LOTS 3, 4, 5 AND 6 Sec 12 T 9 S R 1, San Jose. J P Brownner, \$1249; H C Lewis, \$3820 vs El Kim Ranch and L C Hall and S Oliver, trustees.	

Dec. 12, 1924—LOTS 1 AND 2 BLK 5 W Vestal's Subdiv, San Jose. Thiden Lumber & Mill Co vs Charles Camarata and Rose Fanitello	\$348.70
Dec. 12, 1924—ALL LOT 2 BLK 15. McMurtry & McMillans Subdiv, San Jose. W L Stewart, \$46.53 Hubbard & Carmichael Bros, \$56.93 vs ornelia C Thompson & Cors Weber	
Dec. 6, 1924—LOTS 38 AND 39 BLK 1, College Terrace, San Jose. A E Klay vs Bennett and Elizabeth Wood	\$175

CANCELLATION OF BUILDING CONTRACT

SANTA CLARA COUNTY

H. C. and Hallie Richardson, owner with C. V. Brown, contractor. Prpty. Lot 9 Blk 1, J. G. Pollett Sub-division, Los Gatos. Plans filed and recorded, Dec. 4, 1924; contract dated Nov. 25, 1924. \$3800.

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, \$3500; 3712 Belmont Ave., Fresno; owner, T. B. Morgan; contractor, Al Cole, 3711 Madison, Fresno.
Dec. 13, 1924—LOTS 28 29 BLK 18 North Park Terrace, Fresno, J. V. Canham to Roy Martin. Dec. 12, '24
Dec. 13, 1924—W 60 FT OF LOT 16 Olive Hts., Fresno. D. L. Stewart to whom it may concern. Dec. 12, '24
Dec. 13, 1924—W 24 FT OF LOT 17, 13 ft of lot 18 Bk 2, Cleveland Tract, Fresno. L. H. Taddelman to whom it may concern. Dec. 13, 1924
Dec. 15, 1924—LOTS 34 35 BLK 9 Roeding Add., Fresno. Alvin Jackson to whom it may concern.Nov. 15, 1924

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Dec. 13, 1924—LOT 31 SELMA COL. J. D. Halstead Lumber Co. vs Paul R. Wagner and Geo. R. Haynes.	\$190

JUNIOR HIGH SCHOOL PROGRAM

A new program of "1500-pupil junior high schools" for San Francisco, half again as large as any junior high schools heretofore contemplated in the \$12,000,000 new schools program, was announced by the San Francisco Board of Education.

The board announced that its new program would be rushed with all of the balance of the \$12,000,000, remaining after the enlargement of Galileo High, Mission High and High School of Commerce, the predication of funds for a new Lowell High and allotments of funds to build the new eleven elementary schools already agreed on.

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SEWERS & STREET WORK

(Continued from Page 21)

SALINAS, Monterey Co., Cal.—Council votes to repave Central ave. with full width from Main St. to Villa with 25 ft. wide center strip from Villa St. to city limits. Sanitary and storm water sewers will also be provided.

EL SEGUNDO, Cal.—Until 7:15 P. M., Dec. 26, bids will be rec. to imp. Virginia St., bet. Mariposa Ave. and n. city limits and portions of Bonanza Ave., Whiting St., Palm, Mariposa and Maple Aves. Grade, curbs, 4-ft. cem. walks; 1911 and 1915 casts. Plans and spec. on file at office of City Engr. R. T. Hutchins. Victor D. McCarthy, city clerk.

WATTS, Cal.—Until 8 P. M., Dec. 29, bids will be rec. for 2-in. asph. concr. pave. on 4-in. concr. base, 12-in. cem. concr. pave, curbs, walks, 2-in. asph. concr. pave. on 5-in. concr. base, in portions of Villa St., Diller St., Christian St., Albert St.; 1911 and 1915 casts. Spec. on file at office of City Engr. H. H. Smith. City clerk, O. bond, 10%. Sarah A. Smith, city clerk.

LOS ANGELES, Cal.—Geo. H. Oswald 21 E. 58th St. sub. low bid to Bd. Pub. Wks. to imp. Parthenia St., bet. Gamut Pl. and Woodley Ave., involv. grade at \$2635, 126,727 sq. ft. asph. concr. (Topeka) pave. at 15.6c. Other bids: Gibbons & Reed Co. \$3500 grade; 19c asph. concr. (Topeka) pave; Griffith Co. \$4000 grade, 15.7c asph. concr. (Topeka) pave.

LOS ANGELES, Cal.—Geo. R. Curtis Pav. Co., 2440 E 26th St., sub. low bid to supervisors to imp. Flower St., bet. s. boundary of Inglewood and Hardy St., 25 mi. County Imm. 125 involv. 168c yds. excav. 80c yd. 4471 sq. yds. shape 9c yd., 2505 ft. curb 65c ft. 12,571 sq. ft. walk 20c ft., 5030 sq. ft. cut, 30c ft. 4471 sq. ft. asph. concr. base \$1.3c yd., 4471 sq. yds. 2-in. willite to 3-in. willite. Inglewood Ave., bet. Pine St. and Bellevue Ave., .99 mi., under County Imp. 149, involv. 8508 c. yds. excav. 80c yd., 28,103 sq. yds. shape 9c yd., 10,311 sq. ft. curb 65c ft., 10,622 sq. ft. cut, 30c ft., 49,520 sq. ft. walk 20c ft., 28,103 sq. yds. 2-in. willite to 3-in. willite. 28,103 sq. yds. 3-in. willite pave. \$1.30 yd.

Ferry L. Hedrick, 1016 Sanborn Ave., low to imp. Kern Ave., bet. Third St. and Brooklyn Ave., .49 mi., under County Imp. 74, involv. 7354 cu. yds. excav. 55c yd.; 8216 sq. yds. shape rdwy 9c yd., 2576 sq. yds. curb 50c ft.; 10,350 sq. ft. walk 18.5c ft.; 588 sq. ft. cut, 20c ft.; 5957 sq. yds. 5-in. mac. pave \$1.20 yd.; 2259 sq. yds. 1½-in. mac. pave 45c yd.; corr. iron culv. with c. b. and head-walls \$2400.

John Kirst, R. F. D. 4, Box 683, only bidder to imp. Helena St., bet. Angeles St. and Highland Way, County Imp 21, 1 mi., involv. 1363 cu. yds. excav. 85c yd., 2655 sq. yds. shape 9c yd., 2655 sq. yds. graded rdwy., oil and screenings surf. 60c yd., 1885 ft. curb 65c ft., 6564 sq. ft. walk 20c ft.

GLENDALE, Cal.—E. L. Fleming, 144-A S. Brand Blvd., Glendale, awarded contract by Bd. Pub. Wks. at \$27,361 to imp. Verdugo Canyon Rd., Hillside Dr., Woodland Terr., Hillside Ct., Oakmont Dr. and other streets, involv. 56,740 sq. ft. grade, 2c ft.; 4672 sq. ft. 5-in. concr. pave, 22c ft.; 6056 sq. ft. 5-in. oil mac. 13c ft.; 22,660 sq. ft. 3-in. oil mac. 10.5c ft.; 2539 sq. ft. cut, 22c ft.; 1,914 sq. ft. walk, 18c ft.; 2516 sq. yds. curb 55c ft.; water sys. compl., \$2875; 4219 ft. 8-in. vit. sewer, \$1.50 ft.; 15 m. h. \$90 ea.; 2 jet. cham., \$90 ea.; 5 l. h., \$27.50 ea.; 111 hse. sewers, \$17.25 ea.; concr. culv., Hillside Dr. and Woodland Terr., \$940; concr. culv. at Verdugo Rd., Hillside Dr. and Rosita Dr., \$4130.

LOS ANGELES, Cal.—Tom Gogo and S. Rados & Co., 705 Bernard St., sub. low bid at \$18,770 to Bd. Pub. Wks. for sewer in Stowe Terr., bet. Outlook Ave. and Monte Vista St.

VENTURA, Cal.—City Eng. C. W. Pierce starts proceedings to grade city beach property from Pier 1 to city east to a point near Pointsettia Beach.

SHASTA COUNTY, Calif.—Following bids rec. Dec. 15 by State Highway Commission to grade and surface with crushed gravel or stone 10.8 mi. in Shasta county bet. Halfway Creek and Dog Creek, involv. 310,000 cu. yds. roadway excavation without classification, 990,000 sta. yds. overhaul (Station 613 to Station 275); 6000 cu. yds. structure excavation without classification; 31,800 tons crushed gravel or stone surf. face; 1200 cu. yds. class A cem. concr. (structures); 575 cu. yds. class C cem. concr. (incasing pipe culverts); 860 cu. yds. bar reinforcing steel in place (structures); 100 cu. yds. dry rubble (retaining walls); 1200 lin. ft. 12-in., 800 lin. ft. 18-in. and 500 lin. ft. 24-in. corr. metal pipe; 2000 lin. ft. corr. metal pipe (clean and relay); 260 monuments; 1590 gal. water applied to crushed gravel or stone surfification. Commission will furnish corr. metal pipe: Edward Bros., Los Angeles, \$400,905; A. D. Kern, Portland, Ore., 403,070; Joplin & Elden, Portland, Ore., 406,335; Nevada Contracting Co., Palmdale, Nevada, 417,940; J. P. Holland, S. F., 421,414; Galbraith & Jones, Napa, 422,825; Geo. Pollock Co., Sacramento, 423,797; B. Baker, Hornbrook, 423,891; J. T. Logan, Grants Pass, Ore., 465,005; C. Miles, Sacramento, 465,866; Greenwood & Dann, Portland, 477,425; Oregon, 478,000; Grant Pass, 478,955; John Atkinson, Portland, Ore., 497,507; Engineer's estimate 372,630.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor E. A. Faugh instructed to prepare spec. to grade and pave with 3-in. concr. and 2-in. Willite surface the highway from Sebastopol-Guernerville highway towards Summer Home Park via Mirabel. County has \$20,367 available for the work.

SAN FRANCISCO—E. J. Treacy, Cal. Bldg., at \$14,755.40 submits low bid to Bd. Pub. Wks. to imp. Southern Heights Ave., bet. Rhode Island and 22nd Sts., and Carolina bet. 20th and 22nd Sts., involv. 10,860 cu. yds. cut, .94 cu. yd.; 27 cu. yds. class A concr. in walls, \$22 cu. yd.; 130 cu. yds. class B concr. in walls \$22 cu. yd.; 2400 lbs. rein. steel, \$5.05 lb.; 2 manholes, \$110 ea.; 3 catchbasins, \$90 ea.; 100 ft. 10-in. culverts, \$1.75; 144 ft. board fence, \$2 lin. ft. Other bids: H. V. Tucker, \$17,737; L. J. Cohn, \$19,849; James M. Smith, \$42,136.40.

Fay Imp. Co., Phelan Bldg., at \$8328 low to imp. 22nd Ave., bet. Santiago and Taraval Sts., involv. 1200 ft. concr. curb, \$38 ft.; 24,000 sq. ft. asph. concr. pave, \$298 sq. ft. Other bids: Municipal Const. Co., \$8652; Jas. M. Smith, \$8616.

REDLANDS, Cal.—Council declares intent to pave with 6-in. asph. Orange St., bet. Lugonia Ave. and present asph. pave, corr. iron culv., 6-in. asph. pave, in 3rd St. bet. Citrus and Central Aves., corr. iron culv.; 4-in. mac. pave. in Buena Vista St., bet. Cypress and Fern Aves.; gully, corr. 6-in. vit. sewer, 4-in. hse. sewers; 4-in. mac. pave. in Ohio St., bet. Colton and Lugonia Aves. 4-in. vit. hse. sewers, etc.; 1911 cast. C. Hook, city clerk.

STOCKTON, San Joaquin Co., Cal.—Until Jan. 5, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to imp. Middle avenue of Sumner Home tract from Taylor's Ferry to Hogan road, approx. 1.75 m. Plans on file in office of clerk. F. E. Quail, county surveyor.

423 Edgewood Rd., Santa Ana, awarded cont. by supervisors at \$44,757 to imp. Durfee Ave., bet. Pomona Blvd. and Lexington-Gallatin Rd., 16,030 ft., or 3.04 mi., under R. D. 1 No. 254, involv. concr. pave, etc.

STOCKTON, San Joaquin Co., Cal.—Until Jan. 5, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to imp. east half of Lincoln St., bet. Taylor and Worth Sts. Cert. check 10% payable to City Auditor or 10% cash on file in office of clerk. W. B. Hogan, city eng.

OAKLAND, Cal.—Until Jan. 8, 12 M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of Alameda Ave., Nicol Ave., E-15th St., involv. const. of cem. walks, 1911 Cast. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

CHICO, Butte Co., Cal.—Council rejects bids to imp. portions of Normal Ave., Chestnut, Hazel, Ivy, Cherry and other Sts., involv. grading; const. hyd. cem. concr. curbs, gutters and walks, corr. galv. iron culverts; gutter drain inlets; reconstruct manholes; 4-in. vit. sewer pipe; pave with 1½-in. asph. concr. surface on ¾-in. asph. concr. base. Federal Const. Co., Call Bldg., San Francisco, submitted low bid at \$19,735. Bids were rejected on recommendation of who questioned "legality of procedure." New bids are to be asked at once.

RIVERSIDE, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, sub. low bid to supervisors at \$63,000 for imp. work in Palm Springs (main at through town) R. D. 1 No. 16, involv. 5054 cu. yds. excav., 230,538 sq. ft. 3½-in. asph. concr. base with 1½-in. Topeka surf., 55,956 sq. ft. resurf., 12,971.3 ft. curb and gut., 60 ft. 15-in. corr. iron pipe, 1.03 cu. yds. concr. and 41.66 lbs. steel in end walls, 116 ft. 36x6-in. concr. curb. Other bids: Southwest Pav. Co., \$70,500; Hall-Johnson Co., \$77,800; Warren Constr. Co., \$94,500.

HUNTINGTON BEACH, Cal.—Geo. M. Souter 410 9th St., Huntington Beach awarded cont. by council at \$27,675 to imp. Walnut Ave., bet. 1st and 11th Sts., involv. 1½-in. Topeka pave. on ¾-in. asph. concr. base (unit price, 17.5c sq. ft.), walk, corr. corr. iron culv., 20 post. orn. light sys.

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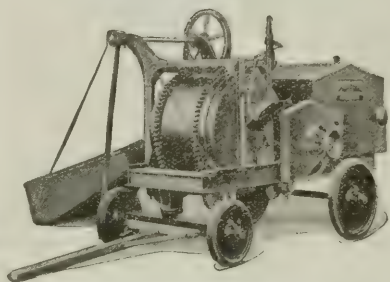
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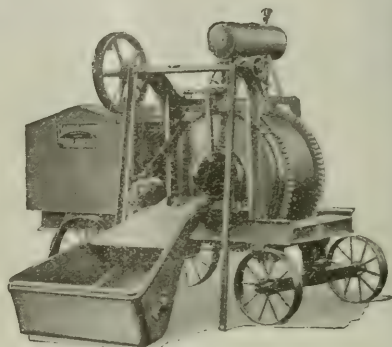
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Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 27, 1924 Twenty-fourth Year No. 52



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HIGHWAY COMMISSION PLAYS SANTA CLAUS FOR CONVICT DEPENDENTS

The California Highway Commission joined forces with Santa Claus in spreading a little Christmas cheer about California when it mailed allotment checks to families and dependents of 107 of the men who are working in the three prison road camps operated by the commission.

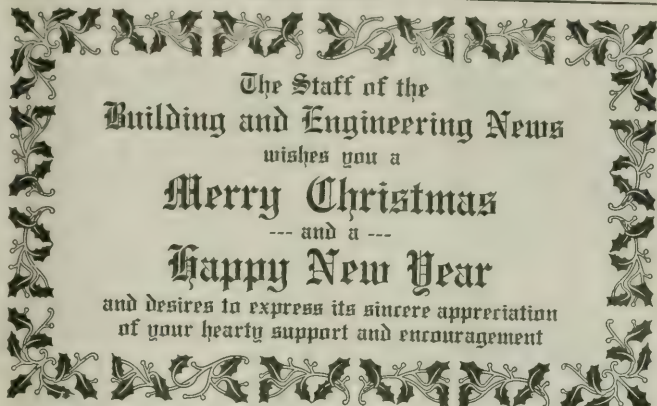
The allotments totaled \$2,391.26 of an average of a little over \$22 per man. They represent recent savings of the men under the convict pay law which has been in effect during the past year.

"A careful check was made to see that all money payable on every allotment made by the prisoners was sent out at this time," said Ben H. Milliken, superintendent of convict camps for the commission.

"The men are permitted to earn a maximum of 75 cents a day and under the law may allot not more than two-thirds of their earnings to dependents. The total mailed out is not large but it may make possible a happier Christmas for someone, at least we hope so," Milliken added.

The allotments were made by twenty-seven men in the Crescent City camp, sixty-six at Briceburg, and fourteen at Kern River.

Since the pay law went into effect, in August, 1923, the Commission has paid \$13,872.34 to dependents of convicts.



The Staff of the
Building and Engineering News
wishes you a
Merry Christmas
--- and a ---
Happy New Year
and desires to express its sincere appreciation
of your hearty support and encouragement

SIZES OF STEEL REINFORCING BARS AFTER JANUARY 1, 1925

As a result of a conference held at the Department of Commerce in Washington on September 9, 1924, the following recommendation was made, relative to the manufacture, distribution and use of Steel Reinforcing Bars—round and square:

"In accordance with the unanimous action of the joint conference of representatives of manufacturers, distributors and users of square and round steel reinforcing bars, the United States Department of Commerce, through the Bureau of Standards, recommends that the recognized sizes of square and round steel reinforcing bars, in terms of cross sectional area, be reduced to the following:

Size	Area In Square Inches
In Inches	
1/4 Round .....	.049
3/8 Round .....	.110
1/2 Round .....	.196
3/4 Square .....	.250
1 Round .....	.307
1 1/4 Round .....	.442
1 1/2 Round .....	.601
1 Square .....	.785
1 1/4 Square	1.000
1 1/2 Square	1.266
1 3/4 Square	1.563

It is further recommended that this reduced list of sizes become effective as applying to new production January 1, 1925, and that every effort be made to clear current orders and existing stocks of the eliminated areas before March 1, 1925."

This recommendation has received practically the unanimous acceptance by manufacturers, distributors and users throughout the entire United States.

At a recent meeting of the Concrete Reinforcing Steel Institute, made up of members of the Reinforcing Bar Institute of the United States, these recommendations were accepted.

Another step forward to more simplified and economical building has been attained.

All industries have agreed to hereafter produce, distribute or use only the eleven sizes of steel reinforcing bars mentioned in the above recommendation.

This was accomplished through the untiring efforts of the Division of Simplified Practice of the Department of Commerce at Washington.

LUMBER PRODUCTION IN 1923

Lumber production in 1923, as reported by the Bureau of the Census in a recent release, of 37,165,540 M feet for 14,302 mills, confirms the estimate made by the National Lumber Manufacturers Association just one year ago, of 38,000,000 M feet to 40,000,000 M feet for the country as a whole, the total number of sawmills operating being probably between 22,000 and 25,000. The proportion of the output of mills reporting to the Census Bureau, to the estimated total, has been about 90 per cent in past years.

This estimate of the National Lumber Manufacturers Association was based on the reports of subscribing associations which are published in the National Lumber Trade Barometer.

The following is taken from the report of Census of Manufacturers, 1923, Department of Commerce:

The Department of Commerce announces that according to the data collected by the Bureau of the Census in co-operation with the Forest Service, Department of Agriculture, the production of lumber, lath and shingles in the United States during 1923 was as follows: Lumber, 37,165,540 thousand feet b. m., an increase of 17.7 per cent as compared with 1922; lath, 3,328,013 thousands, an increase of 13.2 per cent; shingles, 7,506,869 thousands, a decrease of 7.7 per cent.

The lumber cut for 1923 in the West Coast States was the largest ever reported, and the total output for the United States was the largest since 1916.

The two predominating woods were southern yellow pine, which contributed 34.8 per cent of the total production reported for the year, and Douglas fir, which contributed 22.1 per cent, their nearest competitor being western yellow pine, with 7.5 per cent. With the exception of cypress, the cut of which decreased 5.7 per cent all the principal species showed increases for 1923 as compared with the preceding year.

Stocks of lumber on hand at the mills January 1, 1923, were reported as 9,749,769 thousand feet, and December 31, 1923, as 10,548,087 thousand feet.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Department of Commerce announces that, according to the data collected at the Biennial census of manufacturers, 1923, the establishments engaged primarily in the manufacture of artificial stone products (not including paving or roofing), such as building blocks, building trimmings, etc., and other articles manufactured from a combination of stone, gravel, or sand, with cement, reported products valued at \$53,602,321, an increase of 68.7 per cent as compared with \$31,768,143 in 1921, the last preceding census year.

More Portland cement will be produced in the United States this year than ever before. It is estimated that by December 31st the output will reach 150,000,000 barrels. That is within 12,000,000 barrels of the annual capacity of the existing plants and about an equal amount above the record production of 1923.

All previous records for the production of common brick will be broken this year, according to the Monthly Digest, issued by the Common Brick Manufacturers Association of America. It is estimated that the total production for 1924 will pass the nine billion mark.

The Association of Railway Executives announces that during 1925 the railroads of this country will spend approximately \$1,100,000,000 for new equipment and improvements in addition to the \$2,136,000,000 authorized during the last two years.

L. F. Rhoades, general contractor of Corcoran, was electrocuted in Tulare, Calif., Dec. 16 when he attempted to remove his automobile from under a fallen power line which has fallen across the machine setting it afire.

One of the first demands for a wage increase for 1925 comes from the carpenters of San Antonio, Texas. The present rate there is \$7 a day, and \$8 a day is being asked, effective February 1, 1925.

Carpenters Local Union 954 of Cincinnati has severed connections with the Central Labor Council. The reason given was that the carpenters had not been given fair treatment at the hands of the Council.

American Plywood Association plans early construction of a plant in Contra Costa County, probably Martinez, for the manufacture of barrels and plywood products.

The people of this country are spending \$2,000,000,000 for residential construction annually, according to information issued by the Better Homes in America.

E. E. Grow, civil engineer, has been appointed city building and electrical inspector of Richmond, Calif., succeeding Lambert Wierda, resigned.

Arrangements are being completed by Pacific Gas & Electric Company to purchase the creosoting plant of R. E. Swayne, Inc., at Redding.

Because Southern California is being flooded with second quality plumbing fixtures, being sold under the description "slightly defective" and sometimes even being misrepresented as first quality fixtures, the plumbing merchants have begun an educational campaign to warn the public against the dangers—to health and pocket-book—which arise when second quality fixtures are installed.

Arthur W. Kinney, proprietor of the Graham Iron Works, 2724 Santa Fe Ave., Los Angeles, for more than a year, announces that the name has been changed to Kinney Iron Works, under which future business will be conducted. Kinney was manager of the plant for five years before becoming the owner.

Barrett Sales Company, manufacturers of attaching devices for concrete, brick, marble, tile and slate, 568 West Washington boulevard, Chicago, announce the appointment of the Kellogg Sales Company, 77 O'Farrell Street, San Francisco, to represent them in Northern California.

S. B. Morris, superintendent and chief engineer of the Pasadena water department, has been elected president of the Los Angeles Section, American Society of Civil Engineers. H. A. Van Norman, city engineer of Los Angeles, was elected vice-president and E. R. Bowen, consulting engineer, treasurer.

Preparations are being made by the Builders' Exchange of Alameda county to celebrate the most prosperous year in the history of the organization at its annual Christmas jinks to be held Monday evening, December 29, at the exchange headquarters, Twelfth and Webster streets, Oakland.

Redwood Block Floor Company, capitalized at \$10,000 with the principal place of business in San Francisco, has been incorporated. Directors of the company are M. Newmark, Pauline Harris and Resi Green.

Robt. W. Phelps, city engineer of Brea, has resigned to devote himself to the petroleum industry. Phelps is resident geologist of the Union Oil Co. and is said to have a national reputation as an authority on that subject.

The Los Angeles Iron Works announces the change of the firm name to Steyer Iron Works, because the former conflicts with the Los Angeles Iron & Steel Co. There will be no change in the management.

Hugh C. White, formerly connected with the architectural firm of Wyckoff & White, of San Jose, has opened offices for the practice of architecture at 819 Syndicate Bldg., Oakland.

Independent Lumber Company, a new concern, plans to open yards at Salinas, according to an announcement of the Chamber of Commerce of that city.

Pioneer Brick Company of Fresno has filed application for membership in the Fresno Builders' Exchange.

PUBLICATIONS

Westinghouse Electric and Manufacturing Company, East Pittsburgh, Penn., is distributing advance copies in press proof form of "The Engineering Achievements of the Westinghouse Company During 1924." Many items of interest are to be found in this review. New and improved types of drive and control have been devised for the more successful and accurate use of turbines, turbo-generators, synchronous condensers, motor-generator sets, rotary converters, and transformers. Improvements in switching equipment of the truck type and automatic-supervisory control have been so made that today they operate the machinery with better results than when under manual control. The index of engineering achievements covers 80 subjects, and includes approximately 90 illustrations.

The National Board of Fire Underwriters regulations for the prevention of dust explosions in flour and feed mills have been published in booklet form by the National Fire Protection Association. The regulations cover the construction of buildings, control and removal of suspended dust, and the prevention of ignition. A set of the booklet published by the association outlines regulations for the installation of pulverized fuel systems.

The American Cement Machine Company, incorporated, Keokuk, Iowa, has published Bulletin Number 17, illustrating and describing Boss hoists. The specifications are given for contractors' double drum hoist, single drum hoist, single drum hoist with independent reversing sheave, handy hoist, and Fordson winch.

The Eastern Clay Products Association, Colonial Trust Bldg., Philadelphia, has just released a publication on flues and flue linings, with related data on chimneys and fireplaces. The publication was prepared by D. Knickerbacker Boyd.

COAST STEEL FIRMS COMPLETE MERGER

One of the most important steel mergers of the year was consummated when the Pacific Coast Steel Co. of San Francisco took over the plant of the Southern California Iron & Steel Co.

The Pacific Coast Steel Co., of which Elliott M. Wilson and D. E. McLaughlin of San Francisco are president and vice-president respectively, now has plants in South San Francisco, Portland, Ore., and Seattle, and the southern California plant is a new link in its chain. It was incorporated May 13, 1909, a consolidation of the Portland Rolling Mills and the Seattle Steel Co.

Last May it increased its capitalization from \$1,000,000 to \$6,000,000, and distributed about two-thirds of the new capital stock to stockholders. The capital structure was changed to bring the company's capitalization on a parity with its assets account, which at that time was listed at \$5,778,110. The stock distributed was equivalent to a 400 per cent stock dividend.

The company manufactures open hearth steel products and has an annual capacity of 300,000 tons. It has a working agreement and interlocking directorate with the Metal & Thermite Co., which has plants in South San Francisco, East Chicago, Ind.; Carteret and Jersey City, N. J.

The southern California plant has a capital stock of \$1,500,000, with its net income listed at \$13,045 and its gross revenue at \$1,801,000. Its plant is located between Vernon and Huntington Park, and covers 25 acres.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ARRANGING PROGRAM TO ENTERTAIN VISITING BUILDERS

George L. Eastman, chairman of the executive committee, has announced the official itinerary of the forthcoming Fourteenth Annual National Convention of the National Association of Builders' Exchanges to be held in Los Angeles, February 23rd to February 27th inclusive. Between two and three thousand delegates with their families are expected to attend.

When the special train carrying the delegates arrives at Riverside, Monday, February 23rd, they will be met by members of the reception committee headed by C. E. Arbogast. The entertainment of the visitors will start at this point with a De Luxe Auto tour through Riverside, Redlands, Smiley Heights, Mt. Rubidoux and other places in the vicinity. Luncheon will be served at the Mission Inn in Riverside.

The delegates will be shown several other places of interest and then brought to the convention headquarters at the Biltmore Hotel.

During the evening of the first day they will be taken in a body to one of the larger studios, the name of which has not been made public.

A special night session will be held Tuesday the 24th in addition to the regular sessions. Regular sessions will be held Wednesday during the morning and afternoon followed in the evening by the annual banquet at the Biltmore.

Thursday will be confined entirely to entertainment starting with a trip to the harbor and a ride on city tugs. Luncheon will be served at the Southern California Yacht Club after which a caravan of autos will take the visitors through Santa Ana and vicinity.

Crafts of the L. A. Exchange will entertain delegates of their respective crafts in the evening during which time the ladies are to be guests at a theatre party.

The visitors leave Friday for San Francisco by special train.

L. A. MATERIAL MEN ELECT

Charles D. Cullom of the Riverside Portland Cement Company has been elected president of the Building Material Dealers' Credit Association of Los Angeles for the year 1925. James C. Jenkins of the San Pedro Lumber Company was chosen vice-president. Officers appointed for the ensuing year are: Secretary-treasurer, Herbert C. Stone; field secretary, Thomas E. Nichols; assistant secretary, Arthur D. Brown; association attorney, Glen Beymer.

New directors elected to serve during 1925 are: Roy C. Johnson of Roy C. Johnson Tile Co., representing mantel and tile dealers; J. A. Toomey of Pacific Sash & Door Co., sash and door men; J. B. Hall of Owens-Parks Lumber Co., finished lumber; C. A. Aikins of Weaver Roof Co., roofing; Oroville W. Jones of Bungalow Fixture Co., lighting fixtures; C. H. Kuhnle of O. Tropic Pottery, Inc., clay products; and G. H. Boggs of Blue Diamond Co., rock, gravel and sand.

Southern California Builders Meet

The third conference of the presidents, secretaries and managers of the Builders' Exchanges of Southern California was held in the office of the Orange County Division, Los Angeles Builders' Exchange, Santa Ana, Nov. 7th.

President Geo. R. Wells, of Orange County Division presided. The following topics were discussed:

1. What is the effect of faulty construction on community development? The discussion brought out the facts, that one poorly constructed building would open the way for others of the same character which would soon destroy the values in the location and retard development; that poorly constructed, undesirable buildings very often have to be condemned or burned before good buildings are planned for an otherwise desirable location. That in sub-divisions, streets should be graded and curbed, water and gas installed and such other improvements made as would encourage the building of better homes. Motion by W. E. Allen, seconded by H. J. Penfold, that the secretary-managers of the Builders' Exchange take up the matter of sub-divisions with the Realty Boards of their respective communities.

2. Should plans and specifications be filed with the building department when permit is issued, same to be signed by the contractor or owner, and O.K'd. by building inspector when building is completed and to remain on record for a period of five years.

The fact was brought out that in most cities plans and specifications were filed with the building department for checking before the beginning of building operations to see that they conformed to the building codes of the

city and that they became a part of the building department records, but were not signed by either contractor or owner, however.

3. Should the building department be held responsible for damage where it can be proven that the building inspector was negligent of his duty.

It was agreed that this could not be done.

4. Should the Builders' Exchange go on record as favoring all bids to be opened in presence of bidders and refusing to bid on work when not so opened.

It was thought that this could be best accomplished by more thorough co-operation with architects. An the secretary-managers of the Builders' Exchanges were requested to confer with the architects whenever possible regarding same.

Simon Fluor spoke on the report that some of the material companies were entering the general contracting field in competition with contractors who were buying material from them.

W. E. Allen, President of the Long Beach Exchange, thought that if either a material or manufacturing concern accepted a general contract on a job, it would be some special reason on that particular job, making it necessary to do so in order to protect their own business. However, Builders' Exchanges are advised to keep themselves informed in regard to this matter and to inform their members of any material or manufacturing concern who may be accepting general contracts on work in their localities.

The next conference of the Southern California Builders' Exchanges will be held in Los Angeles upon call of the Manager.

BUILDING INTERESTS OF SUPERIOR CALIFORNIA ATTEND BANQUET

Co-operation among the architects, builders, engineers and others of the building industry of Superior California was pledged at a banquet held under the auspices of the Sacramento Architects and Engineers' Club in the rooms of the Builders' Exhibit, Sacramento, Dec. 17. Approximately 200 people were present for the gathering, representing all branches of the building industry.

Jens C. Peterson acted as toastmaster and spokesman for the Sacramento club in welcoming the visitors and explaining the nature of the meeting. The necessity for co-operation of those in the building industry, regardless of what form of endeavor these may take, was urged in a keynote address by Charles Le Master.

The advance of the electrified home was the topic of a short talk by Victor W. Hartley, secretary of the California Electrical Co-operative Campaign. He predicted the complete electrification of all homes within a few years.

F. W. Bunyan of the industrial and structural minerals division of the Sacramento Chamber of Commerce department of mines told of the vast deposits of slate, marble, granite and other building stones in California and

urged greater use of native products. D. G. Nunneley, manager of the builders' exhibit, spoke on the work of the exhibit.

Entertainment was provided by Glazer Baker, Allan Ballou, George Wetters and Dorothy Noonan, William Peterson and R. Machado.

A water drinking contest in which a team of five builders defeated five architects, was the closing feature.

TO LOG THROUGH WINTER

Contrary to the usual custom in logging operations of stopping all work during the winter months, announcement is made by Charles Land, general manager for the Hutchinson Lumber Company at Oroville, that logging crews will be continued in the woods by the company throughout the present winter.

Starting December 29, four donkey engines will be operated and logs piled for loading and brought to the mill at Oroville whenever weather permits railroading from the woods.

All operations at the Oroville mill are now at a standstill, but this condition too is to cease with January 1, when crews will begin the shipment of lumber. The company is making all plans to cut 100,000,000 feet of lumber during 1925.

GROUNDING OF HOUSE LIGHTING CIRCUITS RECOMMENDED

The grounding of electrical circuits supplied from the low voltage side of transformers is recommended as a safety precaution by Dr. M. G. Lloyd, Chief of the Safety Section of the Bureau of Standards, Department of Commerce. In a paper presented at the meeting of the International Association of Municipal Electricians, Dr. Lloyd pointed out that grounding reduces the danger of fire and accident by preventing the occurrence on the circuit of voltages higher than expected, such as might result from lightning or from crosses with a high voltage line. Secondary circuits carrying less than 150 volts should always be grounded he states, and grounding is desirable also for circuits as high as 440 volts.

Grounding to water piping systems is considered by far the best where such systems are available, and the objections sometimes urged against this procedure are considered unimportant. Such objections include the likelihood of electrolysis, the danger to employees, and the possibility of overheating the pipes. There is, however, no evidence showing that these objections are valid.

Grounding of electrical circuits to gas pipes should never be done, he states, as such pipes do not have freely conducting joints and the gas they contain is, of course, a nonconductor. Where water piping systems are not available, recourse should be had to artificial grounds consisting of driven pipes, rods, or buried plates. Where soil conditions are not suitable for artificial grounds the use of a system ground wire is suggested. To maintain grounding connections properly, systematic inspection and testing are recommended.

The grounding of secondary circuits may be done either at the transformer or at the building entrance of the service according to the local regulations. Grounding at both places is recommended, thus insuring a multiplicity of grounds on every secondary circuit. The grounding connection at the transformer should be installed and maintained by the power company while the grounding connection at the service entrance is installed by the building owner or contractor.

URGES NEW RECLAMATION CODE

Secretary Work has submitted to President Coolidge a complete reclamation program which is expected to form the basis of the administration's reclamation policy.

The plan proposed additional legislation and appointment of a joint congressional committee to draw up a reclamation code which would stand as a policy for existing projects and for future developments.

Although recent legislation enacted by Congress designed to improve the condition of settlers and make it possible for them to meet their payments to the Government, the secretary declared certain additional legislation was needed.

This should include features, he added, which would define the policy and procedure with respect to co-operation between the Federal Government and the states in the development of new projects; provide for amortized payments with a low rate of interest on advances made by the Government for the development of farms, and bring about the adoption of a unified plan for the reclamation and closer settlement of land in excess of homestead units, held in private ownership,

Here, There and Everywhere

Special Correspondence

Building Shortage Sizable

Out of the 50 largest cities covered by the analysis of the Bankers' Economic Service, all but eight showed relatively greater building activity in October than a year ago, and of the eight Chicago was practically on a par with 1923. This analysis measures the relation of different building projects to the annual normal requirements of each city, making allowances for changes in population and building costs. The following 12 cities at the close of October had more than covered their needs for this year and were eating into the accumulated shortages of earlier years: New York, Philadelphia, Detroit, Baltimore, Los Angeles, Milwaukee, Cincinnati, New Orleans, Denver, Columbus, Louisville and Memphis. Four other cities were 10 per cent or less behind their normal quota, an amount that can easily be covered by the end of 1924. These are Chicago, Boston, Cleveland and Washington. The remaining 14 cities will likely enter 1925 with greater building shortages than they had at the beginning of this year. These are St. Louis, Pittsburgh, San Francisco, Buffalo, Minneapolis, Kansas City, Seattle, Indianapolis, Rochester, Portland, Oregon; St. Paul, Atlanta, Omaha and Richmond.

Seasonal Unemployment

The New Jersey Building Congress has just completed an intensive study of the seasonal unemployment question and finds that the average building mechanic is idle about one fourth of his time. One reason for this condition, according to the report, is the reluctance of property owners to make necessary repairs, or to make them at the auspicious time—that is, when there is no great demand for skilled and unskilled labor in new construction. In order to remedy this situation the organization has made a number of recommendations to property owners and managers relative to the best time for having certain kinds of repair work done. Among these are the following: interior painting from November to April; plumbing alterations from December to March; roofing, conductor and gutter repairs during June, July and August; heating plants should be overhauled and repaired when shut down in the spring; major repairs and replacements or alterations in heating systems should be planned during the winter and contracts let so that work could be started in April; electric wiring September to January; miscellaneous interior remodeling involving the employment of masons, carpenters, plasterers and lathers should be done from September 1st to April 1st.

Boston Trade Schools

The Boston Evening Transcript, issue of November 22, devotes an entire page to an interesting story relative to the success which has attended the apprenticeship training movement in that city. The success of the movement, according to the Transcript is due to the co-operation of contractors, unions and public school officials.

Courses in carpentry, bricklaying, electrical work, and tile setting are already under way, each of which is under the direct supervision of a committee composed of three contractors and three mechanics. The Boston Plan differs from that employed in many

other cities in that an apprentice is not indentured to one particular contractor, but to the craft. Every candidate for admission to a class must apply to the craft committee of the trade he has chosen, for a consideration of his general fitness. If he seems a suitable applicant he enters a probationary period which covers the first six months of his employment. Another feature of the Boston Plan is job rotation under which an apprentice during his four year term gets practical experience on every conceivable job incident to the craft he has chosen.

HOLD JOINT MEETING

A joint meeting attended by the executive board of the Associated General Contractors of America and the board of directors of the American Institute of Architects was held in Detroit on November 20, 1924. The purpose of the conference as outlined by R. C. Marshall, manager of the Associated General Contractors, in his opening remarks, was to undertake a study of the various economic, construction and ethical problems with a view to minimizing waste and dissension in the building industry. The outcome of the joint conference will be the formation of a contact committee of a permanent nature, representing the two organizations.

Living Costs Increase

The cost of living is advancing slightly according to the Monthly Labor Review of the Bureau of Labor Statistics, United States Department of Labor. The composite figure based on data obtained from 32 cities covering food, clothing, housing, fuel and light, house furnishing goods and miscellaneous items shows that the cost of living was 70.6 per cent higher in September, 1924 than it was in 1913. The high point in the period since 1913 was reached in June, 1920, when the index stood at 116.5. Prices began to fall rapidly and continued downward until the low point was reached in September, 1922 when the index stood at 66.3. Since that time the advance has been slowly upward.

Ideal Wall Tried Out

A new type of brick wall known as the Ideal Wall was recently tried out in Detroit and the results of the test were satisfactory, according to those who witnessed the demonstration. The wall is a development of the original by the Common Brick Manufacturers of America and was designed for the purpose of reducing construction costs in brick work. The bricks are laid in such a manner that a hollow wall is formed with air chambers which insure a dry wall which retains the heat in winter and keeps the building cool in summer.

Defeat Compensation Measure

The initiative measure for compulsory workmen's compensation was decisively defeated by the voters of Missouri at the recent election. The provisions of the measure were so much greater than those in any other existing compensation law that its passage would have placed a heavy burden on every employer in the state. The business interests who opposed the measure are now preparing to make good their pledge to prepare and introduce in the legislature a bill which shall be at least as generous in its provisions as any law now in force in any state.

Building News Section

APARTMENTS

Ready For Figures Next Week.

APARTMENTS Cost, \$15,000
SAN FRANCISCO, W Dolores 128-3 N
16th St.

Three-story and basement frame (6)
apartments.

Owner—Julia M. Carroll, 454 Montgom-
ery St., S. F.
Architect—Shea & Shea, 454 Montgom-
ery St., S. F.

PITTSBURGH, Contra Costa Co., Cal.
—Mrs. Mary Scott has been granted
building permit by city trustees to
erect two story store and apartment
building in Third St., G. E. Eseno,
Pittsburg, is the contractor. Est. cost,
\$16,000.

PITTSBURGH, Contra Costa Co., Cal.
—G. E. Eseno, Pittsburg, has contract
to erect four two room apartments for
G. Cardinalli at 7th and Cutter Sts.;
est. cost \$10,000.

Plans Being Figured.

APARTMENTS Cost, \$50,000
BERKELEY, Alameda Co., Cal. Col-
lege Ave. & Durant St.

Three-story and basement frame and
stucco apartment bldg. (nine 3-rm.
apartments).

Owner—M. Weiss.
Architect—Reed & Corlett, Oakland
Bank of Sav. Bldg., Oakland.

Plans Being Prepared—Figures to Be
Taken Shortly.

APT. HOUSE Cost, \$60,000
SAN FRANCISCO, Chestnut and Gough
Streets.

Three-story frame and brick veneer
apartment building.

Owner—Stock & Jose, 251 Kearny St.,
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

Plans Being Figured.

APARTMENTS Cost, \$35,000
SAN FRANCISCO, N Fell St. W of
Shrader St.

Three-story frame and brick veneer
basement apartment house (12 2
and 3 room apts).

Owner—Sampson & Anderson, Monad-
nock Bldg., San Francisco.
Architect—Baumann & Jose, 251 Kear-
ny St., San Francisco.

General and Segregated Districts
Awarded.

APARTMENTS Cost, \$22,000
SAN FRANCISCO, N Vallejo 180 W
Larkin Street.

Three-story and basement frame (5)
apartments.

Owner—Giuseppe & Castagno, 557-A
Greenwich St., San Francisco.

Architect—Italo Zanolini, 604 Mont-
gomery St., San Francisco.

General Contractor—G. Ghezzi, 82 Val-
paraiso St., S. F., \$18,123.

Plumbing—Frank Sasso, 558 Vallejo St.
San Francisco, \$2200.

Painting—Secondino Macchitto, 1151
Grant Ave., San Francisco, \$1250.

Preliminary Plans Being Prepared.

ALTERATIONS Cost, \$30,000
SAN FRANCISCO, NW Fillmore & Post
Streets.

Alterations to 3-story brick store and
apartment building.

Owner—George Roos.
Architect—S. Helman, 57 Post St., San
Francisco.

LOS ANGELES, Cal.—E. M. Erdaly,
2096 W 28th St., has prepared plans
and is taking bids for 4-story and part
basement class C apt. bldg., 75x148 ft.,
at 1775 Orange Dr. for G. Kraus, 2041
W 28th St.; 49 2-rm. apts; face brick
and art stone front, marble and tile
portico and entrance, tile and comp.

rf., skylights, fire escapes, ornam.
iron, fire drs., met. lath, struc. steel,
oak lobby fl., tiled baths and sinks,
wall beds, gas steam radi., Ruud wa-
ter hr., aut. elev. elevator, incinerator,
lawn sprinkling sys., elec. sign; \$100-
000.

SEATTLE, Wash.—Arch. John A.
Crutcher, 17 Mary Bldg., taking bids for
general contract, plumbing, heating
and electric work in 4-story and base-
ment masonry apartments to be erect-
ed for Eastlake Imp. Co., at Republican
St. and Eastlake Ave.; will be 60 by
115 ft., containing 44 two and three-
room apartments.

LOS ANGELES, Los Angeles Co., Cal.
—The J. M. Globe Co., Rm. 3, 6406½
Sunset Blvd., has comp. plans and
bids will be taken on 2-sto., 28-rm.,
4-fam. apt. bldg. at 8th St. and Win-
dorsr Blvd., for Mrs. Sarah M. Brode;
75x86 ft., fr. and stucco tile and comp.
rig., art stone entrance, hwd., fls.,
pine and hwd., trim, art stone man-
tels, tile baths, showers and drainbds.,
unit sys. hgt., aut. water htres., ornam.
iron; \$40,000.

LOS ANGELES, Los Angeles Co., Cal.
—The J. M. Goble Co., Rm. 3, 6406½
Sunset Blvd., has comp. plans and bids
will be taken for 2-sto., and basement,
36-rm., 4-fam. apt. bldg., at 8th St.
and Windsor Blvd., for Miss Helen
Mathewson. Frame and stucco, comp.
and tile rig., art stone entrance, hwd.,
fls., pine and hwd., trim, tile baths,
showers and drainbds., art stone man-
tels, ornam. iron, unit sys. hgt., aut.
water htres.; \$60,000.

BONDS

HUGHSON, Stanislaus Co., Cal.—
Election will be called shortly in
Hughson Grammar School District to
vote bonds to finance erection of 12
classroom school; brick construction.

Material of Merit DOORS

Firedoors, Freight Elevator,
Garage and Warehouse Doors.
Fold-up Doors, Tico-dors, Cobald-
dors, Wal-el-dors, T. Louis
Fire Door Co.

STORE FRONTS

The newest and most diversified
store front—Security Metal

Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-
slipping flooring.—Irving Iron

Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

PINEDALE, Fresno Co., Cal.—Elec-
tion will be held Jan. 9 in Pinedale
school District to vote bonds of \$20-
000 to finance school improvements.
Trustees are: C. A. Morehouse, J. C.
Winslow and John Jones.

BAKERSFIELD, Kern Co., Cal.—
Bd. of educ. favors \$400,000 bond elec-
tion, the money to be used, as outlined
in tentative program, as follows:
Completion of Lincoln and Hawthorne
bldgs., \$70,000; unit additions to Wash-
ington, Williams and Franklin bldgs.,
\$185,000; classrm. additions to McKin-
ley, Wm. Penn. Lincoln, Roosevelt and Emerson
bldgs., \$120,000. Provision may be made
for new schools in Alta Vista and Lin-
coln Park dists. Formal action has
not been taken.

PHOENIX, Ariz.—Maricopa county
school dist. No. 1 affirmed \$650,000
bond issue for school improvements at
Dec. 12 election. Tentative program
calls for new junior high school, new
bldgs. at Six Points and S of railroad,
and additions to all existing schools.

CRESCENT CITY, Del Norte Cal.—
Chairman of Commerce committee con-
demns as unsafe and unhealthy pres-
ent public school building and recom-
mends consolidated school for Cres-
cent City costing approx. \$100,000. A
cent. City bond issue for a new school
bond issue will probably be submitted
to finance the structure. M. M. Mc-
Vay is chairman of the committee.

GALT, Sacramento Co., Cal.—Galt
High School District for third time de-
feats proposal to vote bonds to finance
construction of new high school. The
trustees of district propose to levy di-
rect tax to finance the structure.

RIPON, San Joaquin Co., Cal.—
Ripon Grammar School District will
vote Jan. 6 on question of issuing
bonds of \$23,000 to finance erection of
a new school and alterations to stand-
ing structures.

GLENDALE, Los Angeles Co., Cal.—
Glendale Union High School and Glen-
dale City Grammar School districts
propose bond issue amounting to \$2-
500,000 for enlargement and extension
of school facilities and to be submitted
during 1925 and contemplate a bond
election to be held betw. Jan. 15 and
Feb. 15.

CHURCHES

Bids To Be Opened.

CHURCH Cost, \$40,000
DALY CITY, San Mateo Co., Cal. Wel-
lington Ave. and Mission St.

One-story reinforced concrete church,
(400 seats).

Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Sante Fe Bldg.
San Francisco.

Bids being taken for a general con-
tract and will be opened December
20, 1924, at the office of C. H. Jensen.

Contract To Be Awarded. Cost, \$—
CHURCH

BERKELEY, Alameda Co., Cal. Dur-
ant, Dana and Bancroft Way.

Fireproof church and educational in-
stitution for students in connec-
tion with the U. of C.

Owner—Trinity Episcopal Church.
Architect—Geo. Rushforth, 354 Pine
St., S. F.

Contract is shortly to be awarded to
Chester A. Gossett, 237 Davis Court,
San Leandro, who bid \$54,000, less

\$10,000, "alt. 2," which calls for the
omission of certain rooms.

Barrett & Hilt, 918 Harrison St.,
San Francisco, were the second low-
est bidders.

Contract Awarded.

CHURCH Cost, \$55,000
SAN LEANDRO, Alameda Co., Cal. San Leandro.
 Two-story Gothic style frame and stucco church building.
 Owner—First Presbyterian Church, San Leandro, Cal.
 Architect—Rollin S. & Paul V. Tuttle, 363 17th St., Oakland.
 Contractor—Chester A. Gussett, 327 Davis Court, San Leandro.

LOS ANGELES, Cal.—Chas. Olcester, 4932 Rosewood Ave., was low bidder at \$105,600 with deduction of \$7800 if conc. br. used instead of press. br. and deductions of \$6000 if basement is omitted, for church at 24th St. and Griffith Ave., Second Baptist Church. Other low bids were: Plumbing, Thomas Haverly Co., 316 E 8th St., \$4500, deduct \$180 if basement is omitted; heating, Pac. Gas Rad. Co., 1424 W Washington St., \$3684, deduct \$410 if basement is omitted; elec. wiring, Elec. Lighting Supply Co., 216 W 3rd St., \$2300, deduct \$480 if basement is omitted; painting, Alhambra Wall Paper & Paint Co., Alhambra, \$4295, deduct \$215 if basement is omitted; 2-st. duct 120x120 ft., br. constr., tile and comp. rfg., oak and pine fls., pine trim, gas htg. and vent. Norman F. Marsh, archt., 211 Broadway, Central Bldg., 1400 Stock Exchange Bldg.

GLENDALE, L. A. Co., Cal.—Thos. H. Reed, 204 Wilshire Bldg., Los Angeles, was low bidder at \$123,219 on gen. contr. for new brick and relief conc. church edifice and remodel church bldg. for Glendale First Baptist Church at Wilson and Louise Sts. The executive comm. has recommended acceptance of his bid. Chas. Cressey, 130 S Brand Blvd., Glendale, archt.

TAPT, Kern Co., Cal.—R. B. Burness Bakersfield, submitted low bid at \$29,000 to First Baptist Church, Rev. W. P. Crawford, pastor and chairman bldg comm., for hollow tile and brick edifice at 3rd and Kern Sts. Under advisement. Robt. H. Orr, archt., 1300 Corporation Bldg., Los Angeles.
Dinuba, bid \$31,000, and Peter V. Vitelle, Corcoran, bid \$31,940. Press. brick face, hdwd. and pine fls., gas htg., art glass.

SANTA MONICA, Los Angeles Co., Cal.—Architect Albert C. Martin, 227 Higgins Bldg., Los Angeles, is taking bids for church at 7th and California Sts., Santa Monica for Santa Monica's parish. Rev. Nicholas Conneally, pastor. Brick construction, stone facing, tower 110 ft. high, tile roofing, hardwood and pine trim, heating and ventilating, art glass. Cost, \$225,000. Bids being taken separately on general work, plumbing, wiring and heating.

FACTORIES AND WAREHOUSES

FACTORY Cost, \$—
OAKLAND, Alameda Co., Cal., 26th St., bet. Union and Magnolia Sts. One-story concrete factory, 314x133 ft. Owner—Laher Auto Spring Co., 167 Hayes St., San Francisco.
 Architect—Emil Schacht, Commonwealth Bldg., Portland, Ore.

Ready for Sub-Figures.
ONE-STORY BLDG. Cost, \$25,000
SACRAMENTO, Sacramento Co., Cal., 20th and D Sts.
 One-story brick and reinforced concrete building.
 Owner—Poultry Producers of Central Cal., Sacramento.
 Architect—None.
 Contractor—Chas. Mabrey, Ochser Bldg., Sacramento.

Sub-Contracts Awarded.
FACTORY Cost, \$13,000
OAKLAND, Alameda Co., Cal., 976 28th Street.
 Two-story reinforced concrete garage and cafeteria building.
 Owner—California Towel Co., Oakland.
 Designer—R. W. White, 28th & Filbert Sts., Oakland.
 Contractor—Bartlett & Hilp, 351 12th St., Oakland.
Electrical Work—Boynnton & Reed, Bldrs. Exch. Bldg., Oakland.
Reinforcing Steel—Badt-Falk Call Bldg., San Francisco.
Plumbing—H. G. Newman, 2004 Telegraph Ave., Oakland.
Roofing—Jones Bros. Asbestos Supply Co., 357 12th St., Oakland.
Structural Steel—Thayer Mfg. Co., 615 Bryant St., San Francisco.
Lumber—Sunset Lumber Co., First & Water Sts., Oakland.
Steel Sash—U. S. Metal Products Co., 330 10th St., S. F.

To be Done by Day's Work.
FACTORY Cost, \$15,000
SAN FRANCISCO, N Sacramento St., 70 E Battery St.
 One-story steel concrete factory bldg.
 Owner—J. H. Hjul, 123 Russ Building, San Francisco.
 Architect—None.
 Engineer & Contractor—J. H. Hjul, 123 Russ Bldg., S. F.

Plans Completed.
Contract Awarded. Cost, \$20,000
WAREHOUSE
OAKLAND, Alameda Co., Cal., Foot of Webster St. near Webster Street Bridge.
 One-story frame warehouse.
 Owner—Webster Street Wharf Co., Oakland.
 Architect—Willis Lowe, 681 Market St., San Francisco.
 Contractor—Palmer & Clinton, Monadnock Bldg., S. F.

Permit Applied For.
FOUNDATION, ETC. Cost, \$125,300
OAKLAND, Alameda Co., Cal., Farr Terminal.
 Concrete foundation and firewall.
 Owner—General Petroleum Corp., Alaska Com. Bldg., S. F.
 Architect—None.

Contract Awarded. Cost, \$11,487
BOAT HOUSE, ETC.
OAKLAND, Alameda Co., Cal., Estuary West of Webster St. bridge.
 One-story frame boat house, lockers, showers, etc.
 Owner—Associated Students of Univ. of Cal., Berkeley, Cal.
 Architect—Ashley & Evers, 58 Union St., S. F.
 Contractor—H. C. Andresen, 1229 Pearl St., Alameda.

Plans Complete. Cost, \$15,000
FACTORY
OAKLAND, Alameda Co., Cal., 8 Tide-water St., 165 E Terminal Ave.
 One-story factory.
 Owner—Mercantile Box Co., 320 Market St., S. F.
 Architect—None.

Contract Awarded. Cost, \$120,000
BUILDINGS
SACRAMENTO, Sacramento Co., Cal., 16th and North O Sts.
 Two one-story reinforced concrete and brick veneer terminal buildings (steel sash and steel rolling doors)
 Owner—Sacramento Produce Terminal
 Architect—Dean & Dean, City Library Bldg., Sacramento.
 Contract was awarded to Bertolucci & Hunt, 1605 Dreher Ave., Sacramento. The bids were as follows:
 Bertolucci & Hunt \$80,000
 Davidson & Nicholson 81,154
 H. C. Holt 83,103
 Chas. S. Maybrey 83,531
 Frederick H. Bet 83,800
 W. C. Keating 85,133
 H. W. Robertson 85,304
 George D. Hudnut 86,690
 H. A. Hendron 90,000
 Holdener Construction Co. 97,493
 Frederickson & Shannon 87,754
 Hendron & Finnigan 90,000
 Matthew Construction Co. 96,407
 T. M. Burns 97,948
 Buschke & Brown 107,860

Lumber Sub-Contract Awarded.
WAREHOUSE Cost, \$20,000
OAKLAND, Alameda Co., Cal., Foot of Webster St. near Webster Street Bridge.
 One-story frame warehouse.
 Owner—Webster Street Wharf Co., Oakland.
 Architect—Willis Lowe, 681 Market St., San Francisco.
 Contractor—Palmer & Clinton, Monadnock Bldg., San Francisco.
 Lumber contract has been awarded to Smith Lumber Co., 1st & Clay Sts., Oakland.

SANTA BARBARA, Santa Barbara Co., Cal.—Puritan Ice Co., T. P. Dalgeldi, mgr., is having plans drawn for 5000-ton capacity ice storage bldg., 100x100 ft., at Alsipuedes St. and S. P. Ry.; \$75,000. Extension of company's shipping facilities at Guadalupe is contemplated.

LOS ANGELES, Cal.—Pozzo Constr. Co., 421 Macy St., awarded gen. contr. for 7-story and basement class A mfg. plant, 251x193 ft., at s.w. cor. Industrial and Mateo Sts. for National Biscuit Co. Arthur Hess, 1614 S Flower St. award plumbing cont. Newberry Elec. Corp., 724 S Olive St., elec wiring, and Otis Elevator Co., 300 E 8th St., elevators. Eckel & Aldrich, archts., 520 Lincoln Bldg. Steel frame, brick filler walls, press. brick facing, terra cotta trim and cornice, granite base course, steel and wood sash, reinf. conc. fls., \$1,000,000.

SAN FRANCISCO, Cal.—The erection of a motion picture production plant is contemplated by Max Graf, 1179 Market Street. It is stated there are several blocks under option at the present time in the Sunset District, but no definite location has yet been decided upon.

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Uniform Color and Texture
 Waterproof, Durable
 Manufactured by
J. B. KING & CO.
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"MacArthur For Piles"

STRAIGHT SHAFT COMPRESSED CONCRETE PILE
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cover all lengths and conditions without change of rigging, delay and consequent financial loss.

MacArthur Concrete Pile & Foundation Co., Inc.

378 MONADNOCK BUILDING, SAN FRANCISCO, CALIF.
 PHONE SUTTER 3549

17, \$67,000. Bid 41, \$57,000. Bid 46, \$57,040.

Item 1g. Deduct for awning type windows—Bid 1, \$100; telegram add \$100; add \$250; telegram \$1000. Bid 2, \$1250. Bid 3, no change and add \$800. Bid 4, add \$250. Bid 5, add \$434. Bid 10, \$400. Bid 12, add \$1500. Bid 13, \$2500. Bid 14, \$550. Bid 15, no change. Bid 16, add \$1000; telegram, no change. Bid 17, add \$900; alt. add \$900. Bid 41, \$700. Bid 46, \$100.

Item 2a. Gate—Bid 1, begin 45 days, complete 400 days; alt. 30 to 400 days. Bid 2, 25 to 400 days. Bid 3, 10 to 400 days. Bid 4, 10 to 360 days. Bid 5, 10 to 360 days. Bid 10, 30 to 450 days. Bid 11, 10 to 140 days; telegram ded. 20 days. Bid 12, 5 to 350 days. Bid 13, 10 to 350 days. Bid 14, 15 to 380 days; telegram, 440 days. Bid 15, 10 to 350 days. Bid 16, 10 to 400 days. Bid 17, 5 to 304 days; alt. No. 2, 5 to 365 days. Bid 41, 10 to 450 days. Bid 46, 10 to 420 days.

Plumbing, Water, Sewerage, Etc.

Item 2a. General building—Bid 3, \$132,000 and ded. \$19,500. Bid 4, \$163,000 and ded. \$42,000. Bid 8, \$150,354 and ded. \$12,900. Bid 9, \$116,749. Bid 18, \$118,894. Bid 20, \$130,500. Bid 21, \$116,000. Bid 23, \$152,000; alt., \$39,500. Bid 24, \$104,194. Bid 26, \$109,900. Bid 27, \$153,764. Bid 28, \$180,019; telegram, \$175,998. Bid 42, \$146,553. Bid 46, \$120,827.

Item 2b. Add building No. 7—Bid 3, \$5124. Bid 4, \$6100 and ded. \$1300. Bid 12, \$5800; alt., \$400. Bid 24, \$4096. Bid 26, \$4465. Bid 27, \$5521. Bid 28, \$4071 and add \$3866. Bid 42, \$4310.45. Bid 46, \$4666.

Item 2c. Add junior officers' quarters 14—Bid 3, \$2942. Bid 4, \$3300 and deduct \$300. Bid 8, \$2454. Bid 9, \$2231. Bid 18, \$3269. Bid 19, \$2536. Bid 20, \$2731. Bid 21, \$2400. Bid 23, \$2400; alt. bid, \$200. Bid 24, \$2223. Bid 26, \$2160. Bid 27, \$3636. Bid 28, \$2441 and add \$2236. Bid 42, \$2387.44. Bid 46, \$2373.

Item 2d. Add junior officers' quarters 16—Bidders and prices same as item 2c.

Item 2e. Add for gate house—Bid 3, \$1720. Bid 4, \$2100 and deduct \$700. Bid 8, \$1232. Bid 9, \$1279. Bid 18, \$2039. Bid 19, \$1176. Bid 20, \$3100. Bid 21, \$1900. Bid 23, \$1750; alt. bid, \$1950. Bid 26, \$1000. Bid 27, \$1846. Bid 28, \$1132 and add \$1095. Bid 42, \$1746.62. Bid 46, \$1835.

Item 2f. Deduct for omitting gas water heaters—Bid 1, alt. bid, \$3250; tel., \$3800. Bid 3, \$2000. Bid 4, \$1500. Bid 8, \$2881 and add \$740. Bid 9, \$1752. Bid 17, alt. bid No. 2, deduct \$3374. Bid 18, \$4000. Bid 19, \$1151. Bid 20, \$2650. Bid 21, \$3800. Bid 23, \$2100. Bid 24, \$2300. Bid 26, \$5260. Bid 27, \$1325. Bid 28, \$3374. Bid 42, \$3020. Bid 46, \$3250.

Heating

Item 3a. General buildings—Bid 3, \$45,000 and add \$11,000. Bid 4, \$31,400 and deduct \$22,000. Bid 6, \$75,000 and \$67,157. Bid 18, \$63,059; tel., \$61,059. Bid 19, \$60,054. Bid 20, \$60,010. Bid 21, \$60,000. Bid 23, \$51,000. Bid 24, \$59,000. Bid 25, \$80,987. Bid 26, \$49,900. Bid 27, \$58,976. Bid 42, \$62,059. Bid 44, \$70,147. Bid 46, \$59,860.

Item 3b. Add for building No. 7—Bid 3, \$5800. Bid 4, \$9600 and deduct \$4600. Bid 6, \$6349. Bid 9, \$4420. Bid 18, \$5848. Bid 19, \$5743. Bid 20, \$6320. Bid 21, \$5600. Bid 23, \$5800. Bid 24, \$5565.

\$5565. Bid 25, \$7390. Bid 26, \$5470. Bid 27, \$5375. Bid 42, \$4619.95. Bid 44, \$6741. Bid 46, \$5629.

Item 3c. Add for officers' quarters No. 14—Bid 3, \$1600. Bid 4, \$2630 and ded. \$60. Bid 6, \$2326. Bid 9, \$1853. Bid 18, \$1385. Bid 19, \$1945. Bid 20, \$1630. Bid 21, \$1700. Bid 23, \$1800. Bid 24, \$1333. Bid 25, \$2281. Bid 26, \$1360. Bid 27, \$2047. Bid 42, \$2229.60. Bid 44, \$1865. Bid 46, \$1456.

Item 3d. Add for officers' quarters No. 15—Bids and prices same as item 3c.

Item 3e. Add for gate house—Bid 3, \$175. Bid 4, \$40 and deduct \$80. Bid 6, \$421. Bid 9, \$155. Bid 18, \$150. Bid 19, \$113. Bid 20, \$153. Bid 21, \$150. Bid 23, \$2300. Bid 24, \$240. Bid 25, \$250. Bid 26, \$131. Bid 27, \$170. Bid 42, \$126.21. Bid 44, \$126. Bid 46, \$131.

Item 3f. Deduct for omitting gas-fired heating boilers—Bid 1, alt., \$3250; telegram, \$3800. Bid 3, \$3000. Bid 4, \$2900. Bid 6, \$197. Bid 9, \$3423. Bid 17, alt. No. 2, \$6682. Bid 18, \$3752. Bid 19, \$6415. Bid 20, \$2300. Bid 21, \$3800. Bid 23, \$4455. Bid 24, \$3000. Bid 25, \$2913. Bid 26, \$2750. Bid 27, \$3601. Bid 42, \$474.20. Bid 44, \$4773. Bid 46, \$1900.

Electrical Work

Item 4a. General buildings—Bid 4, \$64,000 and deduct \$10,000. Bid 7, \$6000. Bid 9, \$60,740. Bid 10, \$4052. Bid 14, \$5, \$40,000. Bid 23, \$67,000. Bid 30, \$59,900. Bid 31, \$53,000. Bid 32, \$54,765. Bid 33, \$55,629. Bid 34, \$58,960. Bid 35, \$63,382.81. Bid 36, \$60,330.54. Bid 40, \$55,225. Bid 43, \$51,581.

Item 4b. Add quarters No. 7—Bid 4, \$4600 and deduct \$400. Bid 7, \$3920. Bid 19, \$4611. Bid 21, \$3900. Bid 26, \$3697. Bid 29, \$4423. Bid 30, \$4052. Bid 31, \$3811. Bid 32, \$3698. Bid 33, \$3697. Bid 34, \$4100. Bid 35, \$3000. Bid 36, \$3977.26. Bid 40, \$6192. Bid 43, \$3688.

Item 4c. Add for quarters No. 1—Item 4d. Add for quarters No. 16—Bids and prices same as item 4c.

Item 4e. Add for gate house—Bid 4, \$430. Bid 7, \$465. Bid 19, \$634. Bid 21, \$500. Bid 26, \$624. Bid 27, \$2382. Bid 30, \$740. Bid 31, \$555. Bid 32, \$536. Bid 33, \$624. Bid 34, \$480. Bid 35, \$130.55. Bid 36, \$309.74. Bid 40, \$1076. Bid 43, \$318.

Passenger Elevators

Item 5. General contract—Bid 4, \$22,300 and deduct \$4000. Bid 4, \$22,600. Bid 19, \$17,924. Bid 36, \$17,109. Bid 38, \$13,854; 1 bid not signed. Bid 38, \$16,295. Bid 39, \$20,000.

Ice Refrigerating Machinery

Item 6. General contract—Bid 4, \$20,200. Bid 19, \$25,300. Bid 22, \$18,570. Bid 27, \$25,000. Bid 47, alt., \$25,350. Bid 48, \$19,900. Bid 49, \$22,000. Bid 50, \$22,600. Bid 51, \$23,265. Bid 52, \$21,465. Bid 53, \$31,990; alt. own spec., \$29,950. Bid 54, \$25,525.

Item 7. Unit prices—

Earth exc.—Bid 1, \$150; alt. same. Bid 2, \$125. Bid 3, 75¢. Bid 4, add \$2.20. Bid 7, 50¢. Bid 5, \$1. Bid 10, 50¢. Bid 11, \$1.20. Bid 12, 75¢. Bid 13, 80¢. Bid 14, \$1. Bid 15, ded. 40¢. add 90¢. Bid 16, \$1; telegram, 85¢. Bid 17, 60¢. Bid 23, \$2.

Earth exc. in connection with dam—Bid 1, \$2. Bid 2, \$2.50. Bid 4, ded. \$1. add \$4. Bid 5, \$2. Bid 10, \$2. Bid 11, \$2. Bid 12, 60¢. Bid 13, 95¢. Bid 15, ded. 60¢. add \$1. Bid 16, \$2; telegram, \$2.50. Bid 17, \$3. Bid 20, \$2. Bid 41, \$1. Bid 46, \$2.50.

\$1.20. Bid 12, 60¢. Bid 13, 95¢. Bid 15, ded. 60¢. add \$1. Bid 16, \$2; telegram, \$2.50. Bid 17, \$3. Bid 20, \$2. Bid 41, \$1. Bid 46, \$2.50.

Rock exc.—Bid 1, 6¢. Bid 2, 5¢. Bid 3, 45¢. Bid 4, add 3¢. Bid 5, 45¢. Bid 8, 67¢. and add 17¢. Bid 10, 13¢. Bid 11, 36¢. Bid 12, 37.5¢. Bid 13, \$1.25. Bid 14, \$8.50. Bid 15, ded. 32¢. add \$4. Bid 16, 15¢ and telegram \$8. Bid 17, \$5.50. Bid 18, 31¢. Bid 20, 47¢. Bid 23, 45¢. Bid 26, 36¢. Bid 41, \$7.50. Bid 42, \$11. Bid 46, 36¢. Mass concrete—Bid 1, 15¢. Bid 2, \$7.40. Bid 3, \$10. Bid 4, 40¢. Bid 5, 25¢. Bid 6, 48¢. Bid 10, \$7.50. Bid 11, \$12.80. Bid 12, \$10.75. Bid 13, \$10.50. Bid 14, \$20. Bid 15, ded. \$10. add \$14. Bid 16, \$10 and telegram \$8.25. Bid 17, \$7.30. Bid 20, \$30. Bid 26, \$12. Bid 41, \$13.50. Bid 46, \$14.

Reinforced concrete—Bid 1, \$20. Bid 2, \$8.20. Bid 3, \$10.70. Bid 4, deduct \$13; add \$28. Bid 5, \$12. Bid 10, \$8.20. Bid 11, \$12. Bid 12, \$11.25. Bid 13, \$23. Bid 14, \$27. Bid 15, deduct \$14; add \$18. Bid 16, \$10; telegram, \$100. Bid 17, \$7.30. Bid 20, \$35. Bid 41, \$15. Bid 46, \$14.

Earth filling—Bid 1, 90¢. Bid 2, 90¢. Bid 3, 60¢. Bid 4, deduct 35¢; add 75¢. Bid 5, 50¢. Bid 10, 40¢. Bid 12, 95¢. Bid 13, 70¢. Bid 14, 80¢. Bid 15, add 50¢. Bid 16, 60¢. Bid 17, \$1. Bid 20, \$2.50. Bid 41, \$1. Bid 46, \$1. Reinforced steel—Bid 1, \$100. Bid 2, \$92. Bid 3, \$90. Bid 4, deduct \$80; add \$130. Bid 5, \$85. Bid 10, \$90. Bid 12, \$95. Bid 13, \$97. Bid 14, \$85. Bid 15, deduct \$70; add \$85. Bid 16, \$100. Bid 18, \$91. Bid 19, \$31. Bid 20, \$160. Bid 41, \$120. Bid 46, \$95.

6-in. tile partition—Bid 1, 34¢. Bid 2, 30¢. Bid 3, 30¢. Bid 4, deduct 20¢; add 30¢. Bid 5, 27.5¢. Bid 10, 40¢. Bid 12, 22¢. Bid 13, 18¢. Bid 14, 50¢. Bid 15, deduct 35¢; add 50¢. Bid 16, 35¢; telegram 30¢. Bid 17, 27¢. Bid 41, 35¢. Bid 46, 22¢.

4-in. tile—Bid 1, 26¢. Bid 2, 23¢. Bid 3, 24¢. Bid 4, deduct 15¢; add 25¢. Bid 5, 20.5¢. Bid 10, 34¢. Bid 12, 20¢. Bid 13, 15¢. Bid 14, 60¢. Bid 15, deduct 20¢; add 30¢. Bid 18, 30¢; telegram, 32¢. Bid 17, \$1. Bid 41, 12¢. Bid 46, 18¢.

3-in. tile—Bid 1, 24¢. Bid 2, 18¢. Bid 3, 21¢. Bid 4, deduct 13¢; add 22¢. Bid 5, 19¢. Bid 10, 30¢. Bid 12, 16¢. Bid 13, 12¢. Bid 14, 20¢. Bid 15, deduct 15¢; add 20¢. Bid 16, 25¢; telegram, 20¢. Bid 17, 19¢. Bid 41, 22¢. Bid 46, 17¢.

2-in. solid plaster—Bid 1, \$3. Bid 2, \$2.60. Bid 3, \$2.95. Bid 4, ded. 17¢; add \$5. Bid 5, \$3.5¢. Bid 10, \$5¢. Bid 12, \$7¢. Bid 13, 40¢. Bid 14, 31¢. Bid 15, ded. 20¢; add 40¢. Bid 16, 25¢; telegram, 30¢. Bid 17, \$2.50. Bid 41, 30¢. Bid 46, 30¢.

Anti-slip tread—Bid 1, \$4.25. Bid 2, 85¢. Bid 3, 80¢. Bid 4, ded. 20¢; add 20¢. Bid 5, \$1.25. Bid 10, 90¢. Bid 12, 65¢. Bid 13, 60¢. Bid 14, 45¢; telegram, \$1.45. Bid 15, ded. 70¢. add \$1. Bid 16, 50¢; telegram, \$1.50. Bid 17, \$1. Bid 41, 75¢. Bid 46, 45¢.

1/2 in. mastic flooring—Bid 1, 18¢. Bid 2, 12¢. Bid 3, 25¢. Bid 4, ded. 15¢; add 25¢. Bid 5, 20¢. Bid 10, 18¢. Bid 12, 20¢. Bid 13, 45¢. Bid 14, 35¢. Bid 15, ded. 16¢; add 23¢. Bid 16, 25¢; telegram, 17¢. Bid 17, 33¢. Bid 41, 18¢. Bid 46, 20¢.

1/4 in. mastic base—Bid 1, 11¢. Bid 2, 10¢. Bid 3, 25¢. Bid 5, ded. 9¢; add 15¢. Bid 8, 20¢. Bid 10, 11¢. Bid 12, 13¢. Bid 13, 14¢. Bid 14, 30¢. Bid 15, ded. 16¢; add 23¢. Bid 16, 25¢; telegram, 11¢. Bid 17, 33¢. Bid 41, 12¢. Bid 46, 13¢.

Remarks—Bid 21 submits an alt. bid on plumbing, water, sewer, gas, electric, sewer, gas piping, heating and electric, items

MILLWORK

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National Mill & Lumber Co.

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312 Market Street
San Francisco

High St. & Tidewater Ave.
Oakland



1a, 2a, 3a, and 4a, \$215,000. Bid 23, alt. bid, does not include tank, price for tank, \$7705; alt. bid does not include tank. Bid 26 submitted alt. bid for items 2a, 3a and 4a at \$209,900, and another alt. bid for items 2a and 3a, \$153,200. Bid 29, telegram reduces electric work under A, B, C and D 12c.

HALLS AND SOCIETY BUILDINGS

Contracts Awarded.
CLUB BLDG. Cost, \$600,000. SAN FRANCISCO. S Post Street W of Powell Street.
 Seven-story Class B reinforced concrete club building.

Owner—Post Street Investment Co. (formerly National League for Women's service).

Architect—Willis Polk & Co., (J. M. Mitchell and Austin Moore in charge), Hobart Bldg., S. F.

Mgr. of Construction—C. K. Colquhoun, 464 California St., San Francisco.

Heating to Atlas Heating & Ventilating Co. 454 4th St.

Carpentry to Wm. Bateman, 1913 Bryant St.

Plumbing to C. Peterson Co. 390 6th St.

Electrical Work to Central Elec. Co. 179 Minna St.

Other contracts will be awarded shortly. As previously reported the concrete work was awarded to The Mission Concrete Co., 125 Kissling St.

Bids Being Taken.
CLUB BLDG. Cost, \$25,000. OAKLAND, Alameda Co., Cal., Keith Avenue.

One-story and basement frame, brick veneer and half timber English style club building (slate roof).

Owner—Rockridge Womens Club, Oakland, Cal.

Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Bids will be opened in the office of Miller & Warnecke, December 30, 1924, at 5 p. m.

Low Bids.
SACRAMENTO, ETC. Cost, \$1,000,000. LODGE BLDG., Sacramento Co., Calif. Eleventh and J Sts.

Fourteen-story Class A lodge and store building approximately 1000 tons (steel).

Owner—Elks Club.

Architect—Leonard F. Starks and Co., 1010 1/2 8th St., Sacramento.

Gladding McBean, 660 Market St., San Francisco submit low bid for terra cotta work and Lindgren & Swinerton, Standard Oil Bldg., San Francisco submit low bid on tile work.

Bids have been taken under advisement. As previously reported steel contract was awarded to the Palm Iron Works, Sacramento at \$112,900. Figures are being taken on glass, rubber floors roofing and plastering.

Bids To Be Opened.
BUILDING Cost, \$260,000. SANTA BARBARA, Santa Barbara Co., Cal.

Two-story and brick lodge building.

Owner—Santa Barbara Lodge of Elks. **Architect**—Carl Werner, Santa Fe Bldg., San Francisco.

Bids for segregated contracts will be opened Dec. 26, 1924.

Working Drawings Being Prepared—Ready for Figures in About two Months.

CLUB BLDG. Cost, \$1,250,000. SAN FRANCISCO. SW Cor. Mason and Sutter Streets.

Eleven-story Class A club and hotel building.

Owner—San Francisco Womens Club, Mrs. Edward Dexter Knight, Bank of Italy Bldg., President.

Architect—Bliss & Faville, Balboa Bldg., San Francisco.

BOYES SPRINGS, Sonoma Co., Cal.—Boyes Springs Improvement Club will start construction at once on \$5000 club house—frame and stucco construction, 38 by 50 feet. John Main, president of club.

Date of Opening Bids Postponed.

LODGE BLDG. Cost, \$250,000. SANTA BARBARA, Santa Barbara Co., Calif.

Two-story and basement brick lodge building.

Owner—Santa Barbara Lodge of Elks. **Architect**—Carl Werner, Santa Fe Bldg. San Francisco.

Bids for segregated contracts will be opened Dec. 30, 1924, instead of Dec. 26, 1924.

FRESNO, Fresno Co., Cal. The erection of a new Masonic Lodge building is contemplated at L and Stanislaus streets.

A large structure is contemplated, as the different branches of the Masonic Lodge will join in the subscription.

Two years ago the movement was started for new quarters, and plans were drawn for same by Carl Werner, 605 Market St., San Francisco. However, funds were inadequate at that time for the kind of building desired.

SAN PEDRO, L. A. Co., Cal.—Archts. Jay, Rogers & Stevenson, assoc., 619 Washington Bldg., Los Angeles, are preparing working plans for 5-story and basement, 300 dormitory rm., Class A, Y.M.C.A. bldg. on Beacon St., San Pedro: 142x186 ft., reinf. conc. constr., stucco exter., art stone trim, tile rig., tile, cem. and hdwd. fls., ornam. iron, showers, baths, steam heating, fire escapes; \$550,000.

HEALDSBURG, Sonoma Co., Cal.—St. John's Catholic Church, Rev. M. J. Walsh, pastor, is having plans prepared for parochial hall to be erected on Matheson St., adjoining parish house; will be 40 by 85-ft.

PORTLAND, Ore.—Woodmen of the World, J. O. Wilson, recording secretary, 112 E-6th St., has invited architects to sub preliminary sketches for three-story and basement lodge building to be erected at East 6th and Alder Sts. A structure costing between \$125,000 and \$150,000 is contemplated. Site is 112 by 130 feet.

PORTLAND, Ore.—Hanson, Hammond & Clist, Pittcock Bldg., at \$118-866 submit low bid to Architect A. E. Doyle, Worcester Bldg., to erect part one and 5-story building of annex to Y. M. C. A. building; 5-story section will be 41x100ft., and one-story section, 100 x100 feet. Provision made in plans for nine-story addition to be made at later date.

HOSPITALS

Plans Approved. Cost, \$40,000. **HOSPITAL** Fresno Co., Cal. County Hospital Grounds.

Two-story and basement clinic and out-patient building.

Owner—County of Fresno, D. M. Barnwell, County Clerk.

Architect—C. E. Butner, Cory Bldg., Fresno.

The plans have been approved by the county supervisors and forwarded to the State Board of Charities at Sacramento for final approval. Bids will probably be asked at the January session of the county supervisors.

LONGVIEW, Wash. J. D. Tennant, pres.

Longview Memorial Hospital. Taking bids to erect 4-story, 150 by 41 ft., with central wing, 90 by 40 ft., brick, tile and terra cotta hospital.

George MacPherson, architect, Longview. Est. cost, \$175,000. Separate bids are wanted for plumbing and heating.

OAKLAND, Cal.—Key System Transit Co., plans construction of emergency hospital on the Oakland Pier. Early construction is planned. W. R. Alberger, vice-president and general manager, announces

IRVINGTON, Alameda Co., Cal.—Local physicians are working out means to finance construction of a 200,000 hospital in Washington township. A site comprising 20 acres is reported to have been purchased for the structure on the Centerville-Niles highway.

SAN FERNANDO, Los Angeles Co., Cal.—Contracts have been awarded to erect semi-ambulant building, infirmary, men's ambulant building, administration bldg., women's T. B. building, women's general medical building, recreation building, garage storehouse, laundry, attendant's duplex, nurses' quarters, Junior Officers' Duplex quarters, Senior Officers' Duplex quarters, M. O. quarters, gate house, septic tanks and house, steel water tank and concrete dam. Separate bids for building construction, plumbing, heating, electrical work, elevators and refrigeration plant at the Federal Base Hospital group, east of San Fernando, Los Angeles Co., Cal.

Contracts awarded are as follows: **General Construction** except dam, North Pacific Construction Co., 1600 W. 37th St., Los Angeles.

Heating—T. S. Thomas Plumbing & Heating Co., 2250 Washington Ave., Ogden, Utah.

Electric Work—Gans Bros., 141 S. Main St., Los Angeles.

Complete report will be given very shortly.

SAN QUENTIN, Marin Co., Cal.—California State Board of Prison Directors plan early construction of new structure to house women prisoners at San Quentin. Estimated cost is placed at \$130,000.

SAN FRANCISCO, Cal.—Bids were opened Dec. 22, 1924 in the office of Leonard S. Leary, Cal. Purchasing agent, to furnish and install draperies in San Francisco Hospital.

The bids are:
 D. N. & E. Walter, 562 Mission St., San Francisco\$57,75
 W. & J. Sloane Co., 224 Sutter Street, San Francisco\$723.45

HOTELS

Bids To Be Called For Shortly.
NATORIUM Cost, \$85,000. RICHMOND, Contra Costa Co., Cal.

One and part two-story concrete brick and steel municipal natorium, 100 by 208 ft.

Owner—City of Richmond, A. C. Faris, city clerk.

Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Heating Engineer—Leland & Haley, 58 Sutter St., S. F.

Exterior will be of brick and plaster. Swimming pool will be 60 by 160 ft., with children's pool, 15 by 60 ft. Children's pool will range from one to 3 ft. deep and adults' pool 3 to 8 ft. Pools will be tile lined 4 ft. from top.

The specifications are now being written.

BURLINGAME, San Mateo Co., Cal.—The S. A. Born Construction Co. is contemplating the erection of a hotel at Chapin Ave. and El Camino Real, on the site of the residence of George A. Born, junior partner of the firm.

The hotel, if erected, will consist of 69 rooms with practically all baths and will cost in the neighborhood of \$250,000.

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Builders' Hardware

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Phone Market 691 San Francisco

PUBLIC BUILDINGS

Plans To Be Prepared.
HOTEL BLDG. Cost, \$5,000,000
OAKLAND, Alameda Co., Cal.
Two-story story or more class A hotel

Owner—Judge E. A. Colburn, 416 East 10th Ave., Denver, Colo.
Architect—William M. Bowman, Denver, Colorado.
Contractor—Gordon M. Tamblin, Denver, Colorado.

Hotel will be strictly modern in every respect, and a number of innovations will be incorporated, including the wiring of every room for radio, and large broadcasting station located on roof garden.

Judge E. A. Colburn, and his associates, Mr. Gordon M. Tamblin, contractor, Mr. Wm. M. Bowman, architect, will visit Oakland early in the spring to make preliminary survey.

Judge Colburn is the successful builder and owner of several large hotels, owning in Denver what will be known as the Cosmopolitan Hotel, when a large annex is added to the hotel, now called the Metropole, being the largest in Denver, containing 460 rooms, 100% baths, Mr. Bowman and Mr. Tamblin have handled this and previous projects for Judge Colburn and the same personnel and organization will handle the project in Oakland. It is understood that the Oakland structure will be as large if not larger than the Cosmopolitan Hotel in Denver.

SAN BERNARDINO, San Bernardino Co., Cal.—R. E. Dubin, prop. California Hotel, Fullerton, states that financial arrangements nearing completion for new hotel at the corner of 4th and E streets. The proposed building will be similar to Mr. Durbin's Fullerton hotel.

BAKERSFIELD, Kern Co., Cal.—Civic Commercial Assn. and Kern County Realty Board have indorsed new hotel to be financed by popular subscription under the Hockenbury system. It is proposed to erect 4-story Mission type bldg. at 17th and K Sts.; \$600,000.

ICE AND COLD STORAGE PLANTS

LOS ANGELES, Cal.—Globe Ice Cream Co., 230 W Jefferson St., will start work at once on 2-story class B addition 152x32 ft. to mfg. plant at Jefferson and Hill Sts. Plans by C. E. Bowen, 601 Van Nuys Bldg. Reinf. conc walls and fl. and rf. slabs, comp. rfg.; \$45,000.

HOLTVILLE, Cal.—Imperial Ice & Development Co., A. B. West, pres., J. E. Collins, asst. genl. Mgr., Holtville, contemplate erecting 10-ton capacity ice mfg. plant with storage tank here; \$25,000.

POWER PLANTS

LOS ANGELES, Cal.—Line Materials Co. awarded contract pub. serv. comm. \$9.25 ea. for 1000 throttle-fuses under spec. P-335; 300 to be deliv. immediately from factory, S. Milwaukee, bal. to be shipped in 30 days.
Bids for 1000 fuse-switches under spec. P-337 were rejected by pub. serv. comm. Dec. 16.

CROWE
GLASS
CO.

574 Eddy St.

Phone Prospect 612

Equipped To Handle
Any Size Job.

DIRECT FACTORY BUYERS

Preliminary Plans Approved.

CITY HALL. Cost, \$1,000,000

PASADENA, Los Angeles Co., Cal.

Civic Center.

Reinf. concrete and terra cotta

city hall.

Owner—City of Pasadena.

Architect—Bakewell & Brown, 251

Kearney St., S. F.

Preliminary plans have been ap-

proved and working drawings will be

under way shortly.

Sub-Contracts Awarded for Steel Sash,

Electrical Work and Plumbing.

BUILDING. Cost, \$26,000

SAN MATEO, San Mateo Co., Cal., Ellis-

worth and Baldwin Ave.

One-story concrete building.

Owner—Joel W. Kaufman, trustee, 160

W Poplar St., San Mateo.

Architect—H. H. Schickel, 1215 New

Montgomery St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison

SST., San Francisco.

Sub-contracts let as follows:

Steel Sash—Schickel & Co., 1215

Works, 1415 Harrison St., S. F.

Electrical Work—C. F. Schirk, 355

Grand Ave., S. San Francisco.

Plumbing—H. Lauder, 1295 Burl-

ingame Ave., Burlingame.

OAKLAND, Cal.—Until Dec. 31, 12

M. bids will be received by Eugene K.

Sturges, city clerk, to erect brick,

frame and stucco firehouse at 1215

Thirty-third Ave. Bond of 25% of

contract price req. of successful bidder.

Plans obtainable from clerk on de-

posit of \$15, returnable.

EUREKA, Humboldt Co., Cal.—Until

Jan. 13, 2 P. M., bids will be received

by Fred M. Kay, county clerk, to paint

county jail and county library build-

ings; bids previously received rejected.

Cert. check 5% req. with bid. Plans

on file in office of clerk.

LIVERMORE, Alameda Co., Cal.—

Until Jan. 5, 5 P. M. bids will be rec.

by Elmer G. Still, city clerk, to erect

one-story concrete firehouse at First

and McLeod Streets. Cert. checks 10%

payable to clerk req. Plans on file in

office of clerk.

SAN FRANCISCO—Board of Fire

Commissioners authorize Board of

Public Works to enter into contracts to

erect new fire station in 20th St. near

Tennessee St., to house engine and

truck companies, replacing present

quarters of Engine Company 16 at 1006

Tennessee St.; est. cost \$40,000.

EUREKA, Humboldt Co., Cal.—

Mercer Fraser Co., Eureka, Cal., has

been awarded contract at \$3710 to re-

model for courtroom and install vault,

etc. in city hall. Newton Ackerman,

architect, 533 Sixth St., Eureka.

SAN FRANCISCO—Until Jan. 5, 3 p.

m. bids will be received by Leonard

S. Leavy, city purchasing agent, to

furnish and lay carpets. Further in-

formation obtainable from above office

OAKLAND, Cal.—City council au-

thorizes \$10,000 expenditure to finance

erection of one and one-half-story

brick and stucco firehouse at 1215

Thirty-third avenue. Eugene K. Stur-

ges is city clerk.

AUBURN, Placer Co., Cal.—County

Grand Jury, in annual report, urges

erection of new county jail and re-

modeling of present quarters for county

offices.

RESIDENCES

General and Segregated Figures Being
Taken.

RESIDENCE. Cost, \$10,000

BERKELEY, Alameda Co., Cal. Santa

Barbara Road.

Two-story and basement frame and

stucco residence.

Owner—Dr. Stoodley.

Architect—Sidney E. and Noble New-

som, 14 Montgomery St., S. F.

Contract Awarded.

BUILDING. Cost, \$40,000

OAKLAND, Alameda Co., Cal. Grand

Ave. near Park View Terrace.

Three-story frame and stucco office

building, Spanish residence style.

Owner—Drs. Adams & Strietmann, Fed-

eral Realty Bldg., Oakland.

Architect—Wm. E. Milwain, Pacific

Bldg., Oakland.

Contractor—F. W. Maurice, 1362 East

25th St., Oakland.

Plans Complete To be Done by Day's

Work.

BUNGALOW. Cost, \$10,000

DIABLO, Contra Costa Co., Calif.

Diablo Country Club grounds.

One-story bungalow, Spanish style

court, 7 rooms, cement block con-

struction.

Owner—Dr. May Walker, Diablo, Cal.

Architect—Sidney E. and Noble New-

som, 14 Montgomery St., San

Francisco.

Sub-Contracts Awarded.

RESIDENCE. Cost, \$15,000

SACRAMENTO, Cal. No. 1047 45th St.

Two-story 10-room brick residence and

separate garage.

Owner—J. A. Saunders, 2810 I St., Sac-

ramento, Cal.

Designer & Contractor—Owner.

Sub-contracts have been let as fol-

lows.

Brick to Wm. Clifford, Sacramento.

Lumber to Friend & Terry Lumber Co.,

Sacramento.

Plumbing to John Lawson, Sacramento.

Electrical Work to C. B. Spelbring,

Sacramento.

Cement to Louis Zeella, Sacramento.

Plaster to Ed. Ziegler, Sacramento.

Contract Awarded.

RESIDENCES. Cost, \$14,000 ea.

SAN FRANCISCO, St. Francis Wood.

Five two-story frame and stucco resi-

dences.

Owner—Westgate Park Co.

Architect—Masten & Hurd, 278 Post

St., San Francisco.

J. Prout, 515 Magellan Ave., San

Francisco, has been awarded contract

for one of the dwellings. Bids will be

taken for other residences shortly.

Contract Awarded.

ALTERATIONS. Cost, \$12,665

SAN FRANCISCO, 532 Grant Ave.

Remodel 3-story brick building for res-

taurant quarters.

Owner—Shan Kong Association, Inc.,

454 Montgomery St., S. F.

Architect—Shea & Shea, 454 Montgom-

ery St., S. F.

Contractor—N. J. Stevens, 180 Jessie

St., S. F.

(54393) 1st report Dec. 12, 1924.

Plans Completed.

RESIDENCES. Cost, \$4000 ea

SAN FRANCISCO, S. E. 82-6,

107-6 and 32-6 E Tenn Ave.

Three one-story and basement frame

residences.

Owner—Little-Christensen, 1442 8th

Ave., San Francisco.

Architect—None.

Plans Being Prepared.

RESIDENCE. Cost, \$12,000

OAKLAND, Alameda Co., Cal., Lake-

shore Highlands.

Two-story frame and stucco residence.

Owner—Mr. and Mrs. Earl T. Crawford

855 Rosemount Rd., Oakland.

Architect—Miller & Warnecke, 1404

Franklin St., Oakland.

Member S. F. Builders' Exchange
Phone Sutter 6700

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Roofingand
Random Variegated Colors Tile
RoofingComposition Roofing
General Roof Repairing
Samples Submitted190 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5932

Plans Being Prepared
BUNGALOWS Cost, approx. \$5000
 SAN FRANCISCO Avilla St. near
 Beach.
 Sixteen frame and plaster bungalows.
 Owner—E. A. Janssen, Hobart Bldg.,
 San Francisco.
 Contractor—E. A. Janssen.
 Plans are being prepared in the of-
 fice of Mr. Janssen.

Contract Awarded
RESIDENCE Cost, \$11,000
BERKELEY, Alameda Co., Cal. Crag-
 mont.
 Two-story frame and stucco residence.
 Owner—W. F. Moorish, Pres. First Na-
 tional Bank of Berkeley.
 Architect—Mason & Hurd, 278 Post St.,
 San Francisco.
 Contractor—Mason-McDuffie Co., 2045
 Shattuck St., Oakland.

Sheet Metal Contract Awarded
BUILDING Cost, \$20,000
OAKLAND, Alameda Co., Cal. Cor.
 25th and Broadway.
 One-story brick and concrete store
 building.
 Owner—J. J. Sullivan, 218 Harrison
 St., S. F.
 Architect—W. H. Topple, 72 New Mont-
 gomery St., S. F.
 Contractor—Bartlett & Hilp, 351 12th
 St., Oakland.
Sheet Metal Oakland Mach. Co., 559
 3rd St., Oakland.

Contract Awarded.
RESIDENCE & GARAGE Cost, \$14,000
SACRAMENTO, 1034 45th St.
 Nine-room frame and stucco residence
 and garage.
 Owner—G. C. Bassett, 1050 41st St.,
 Sacramento.
 Architect—None.
 Contractor—McGillivray Const. Co.,
 Folsom Blvd., nr. 65th, Sacramento.

Plans Being Figured.
RESIDENCE Cost, \$100,000
PIEDMONT, Alameda Co., Cal.
 Two-story and basement frame and
 stucco residence and separate gar-
 age.
 Owner—J. B. Metcalf, 235 Mountain
 Ave., Oakland.
 Architect—Willis Polk & Co., Hobart
 Bldg., San Francisco.
 Bids are being taken from a selected
 list of contractors, and will be opened
 Dec. 26, 1924.

Preliminary Plans Being Prepared.
RESIDENCE Cost, \$50,000
BEVERLY HILLS, Los Angeles Co.,
 Cal.
 Two-story mission style frame and
 stucco residence, 8 rooms, 3 baths,
 separate garage, landscaping.
 Owner—L. N. Lyons, 155 24th Ave., San
 Francisco.
 Architect—Willis Lowe, Monadnock
 Bldg., S. F.

Completing Plans
RESIDENCE Cost, \$40,000
REDUING MR. San Mateo Co., Cal.
 Ralston Ave., opp. Court House.
 Two-story English type frame and
 stucco residence, slate roof.
 Owner—Richard Ford, 185 Calif. Bldg.,
 St. S. F.
 Architect—Willis Polk & Co., Hobart
 Bldg., San Francisco.

BEVERLY HILLS, Los Angeles Co.,
 Cal.—Bennett & Waugh, 735 Holly-
 wood Blvd., have contr. for 2-sto. and
 basement, 12-rm. brick residence on
 Ridydale Dr., Beverly Hills, for J. M.
 Sterling. M. J. Barker, archt., 1505 N.
 Western Ave., 2032 St. and 2060 ft. fr.
 art brick veneer, shingle rfg., cast
 stone entrance, concr., hdwd. and tile
 fls., hdwd. and pine trim, tile baths,
 showers, and drainb., art stone and
 tile mantels, unit sys. htr. and wtr.
 6000 htr., metal lath, ornam. iron; \$28-
 000.

LOS ANGELES, Cal.—Arch. Wm. L.
 Skidmore, 519 Lissner Bldg., desires
 figures on all materials and sub-trades
 for 3-story fl. Italian type res. at 5310
 Dahlia Dr., Eagle Rock, for Mike
 George: V-shape, ea. wing 39x18 ft.; 6
 rms., glass conservatory, clubrm. with
 beam ceiling, rt. garden, laundry, gar-
 age, porte-cochere; Spanish tile and
 comp. rf., tiled bath and kitchen fls.
 and walls, 2 tuft stone fireplaces, map-
 le fls. throughout, red gum trim, hot
 air furnace, aut. water htr., 3 color
 scheme lighting, radio wiring.

WHITTIER, Los Angeles Co., Cal.—
 Architect John R. Kibbey, Rm. 37, 660
 S. Vermont Ave., is preparing working
 plans for a 15-room English residence,
 at Whittier, for Ivan St. John; frame
 and brick veneer, 1½-story and base-
 ment, gas unit heating system, prob-
 ably shingle roofing, tiled baths, hard-
 wood floors, pine and hardwood trim.
 Cost \$35,000. Project will not mature
 until April 1st, 1925.

SAN BERNARDINO, San Bernardino
 Co., Cal.—Paul J. Shettler Co., 201
 Union Oil Bldg., Los Angeles, will
 start work at once on eighteen 4 ½
 and 6-rm. fr. bungalows on E. F. and
 G Sts., San Bernardino, for Thompson
 Bros., 201 Union Oil Bldg., Los Angeles.
 Stucco and rdwd. exter., shingle, tile
 and comp. rfs., oak fls., mantels, tiled
 and comp. baths and sinks; \$2000 ea.
 30 more dwlgs. of same type will be
 built later.

SCHOOLS

Preliminary Plans Prepared — Bonds
 To Be Voted.
ALTERATIONS & ADDITIONS Cost, \$25,000
TRACY, San Joaquin Co., Cal.

Alterations and additions to Tracy
 Grammar School.
 Owner—Tracy School District.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Preliminary Plans have been ap-
 proved and bonds to cover cost of
 alterations and improvements on
 other school buildings will be voted on
 early in January.

Plans Being Prepared.
GYMNASIUM, ETC. Cost, \$—
SAN FRANCISCO, Galileo School Site.
 Bleacher, boys' gymnasium, dressing
 rooms, showers, etc.
 Owner—City & County of S. F.
 Architect—John Reid, Jr., First Na-
 tional Bank Bldg., S. F.

Plans Complete — Plans to be Figured
 in About a Week.
BUILDING Cost, \$85,000
WOODLAND, Yolo Co., Cal.
 One-story reinforced concrete gymna-
 sium and auditorium building,
 classic arch.

Owner—Woodland School District.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.
 Auditorium will seat 1000, and both
 gymnasiums for boys and girls will
 have dressing rooms, etc.

Preliminary Plans Approved — Work-
 ing Drawings Started.

ADDITION Cost, \$35,000
TRACY, San Joaquin Co., Cal.
 One-story reinforced concrete 4-room
 addition to school.
 Owner—West Side Union High School
 District.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Preliminary Plans Being Prepared.
SCHOOL Cost, \$15,000
PORTOLA, Plumas Co., Cal.
 Two-story 8-room frame school bldg.,
 being the first unit of the high
 school.

Owner—Plumas County High School
 Board.
 Architect—John W. Woollett of Woll-
 ett & Lamb, Mull Bldg., Sacra-
 mento.

Preliminary Plans Completed.
SCHOOLS Cost, \$300,000
SEABASTOPOL, Sonoma Co., Cal.
 Union High School District.
 Group of reinforced concrete high
 school buildings.
 Owner—Analy Union High School Dist.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

The preliminary plans have been
 completed and will go before the
 Board of Supervisors for approval at
 a meeting to be held December 26,
 1924. Immediately upon the approval
 of the Board, the working drawings
 will be prepared for the gymnasium,
 the first unit of a group of school
 buildings.
 Bond election will be held very
 shortly.

EVERETT, Wash.—Until Jan. 10
 bids will be received by H. M. Camp-
 bell Jr., Sect'y., School District No.
 24, Snohomish County, to erect three-
 story reinforced concrete school; est.
 cost, \$110,000. Separate bids wanted for
 heating, plumbing and electric work.
 Morrison & Stimson, architects, Lum-
 ber Exchange Bldg., Seattle.

WOODLAND, Yolo Co., Cal.—Until
 Jan. 5, 7:30 p. m., bids will be received
 by Joseph Harland, president, Wood-
 land High School District, to fur-
 and lay linoleum in new high school.
 W. H. Weeks, architect, 369 Pine St., San
 Francisco. See call for bids under of-
 ficial proposal section in this issue.

ROSEVILLE, Placer Co., Cal.—Chas.
 Mahrey, Ochsner Bldg., Sacramento is
 taking bids for steel work and metal
 sash for a one-story reinforced con-
 crete elementary school building, for
 the Roseville Elementary School Dis-
 trict. Norman R. Coulter, 46 Kearny
 St., San Francisco, is the architect.

LOS ANGELES, Cal.—Arch. W. L.
 Riskey, 736 S. Flower St., is preparing
 plans for a school, at San Pedro St.
 development sch. site, for bd. of educ.:
 one-story, fr. and plns., 2000 sq. ft.,
 metal lath, maple fls., pine trim, gas
 steam rads., slate blackbds; \$30,000.



**All-Key
 Plaster Lath**

(Patented)
 100% Mechanical Key.

**Plaster
 Wall Board**

(Patent applied for)
 The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
 STOCKTON, CALIFORNIA

INGLEWOOD, Los Angeles Co., Cal.—Arch. G. A. Howard, Jr., 80 Story Bldg., Los Angeles is completing work plans for a gymnasium at Inglewood high sch. site, Inglewood, for Inglewood union high sch. dist.; 100 by 168 ft., frame, plas. facing, comp. rig., wood trusses, steel sash, cement floor, maple fls., pine trim, skylights, hgt. from present hgt. plant, filter plant, reinf. conc. swimming pool, 50 by 75 ft., locker rooms, shower baths; \$50,000.

HUNTINGTON PARK, L. A. Co., Cal.—G. P. Kristenson, 606 W. 80th St., Los Angeles, awarded general contract at \$75,000 for new addition at Huntington Park union high school; Alfred W. Rea and Chas. E. Garstang, 905 Trust and Savings Bldg., archts. Kristenson's bid was \$71,400 with additions of \$1500 for cabinet work at \$2700 for bridge. Other contracts were awarded as follows: Plumbing to Ora King at \$1462; heating to Western Heating Co. at \$6670; electric work to Jensen Electric Co. of Long Beach at \$2350, and painting to McKinley Bros. at \$2201.

WATTS, L. A. Co., Cal.—Witt and Chute, 2515 W. Santa Barbara Ave., Los Angeles, low bidder for all work complete for new high school bldgs. at Watts and Compton union high school district; Frank E. Goodwin, Compton, archt. The bids were: Witt & Chute, (a) main bldg., \$97,855, for pr. br., and \$85,993 for common brick; (b) domestic science bldg., \$15,435 and \$14,755; (c) manual arts bldg., \$10,576 and \$10,266; (d) arcades, \$5250 and \$4955.

LOS ANGELES, Los Angeles Co., Cal.—Until 9 A. M. Jan. 7, bids will be received by L. A. Board of Education for two-story addition to 95th St. school, 95th St., bet. Budding and Vermont Aves. Separate bids to be taken on general, plumbing, heating and ventilation, painting and electrical. Plans and specifications on file at 730 Security Bldg. Cert. or cash check, 5% bond, 5% Wm. A. Sheldahl, secretary. Hudsell & Mansell, architects, 444 Douglas Bldg., 12 units with auditorium to seat 250; plaster exterior tile roof, reinforced concrete corridors and stairs, maple floors, addition to heating system. Cost, \$84,000.

PASADENA, Los Angeles Co., Cal.—Architect Leon C. Brockway, 402 Security Bldg., Pasadena, has completed plans for new Jefferson elementary school of 16 classrooms, study hall and offices on E. Villa St., Pasadena, 218x75 ft., 2-story, brick walls, stucco exterior, art stone trim, tile roofing, hardwood floors, pine trim, steel sash, steam heating. Cost, \$135,000. The Board of Education of Pasadena will advertise for bids soon.

LOS ANGELES, Los Angeles Co., Cal.—Architect Parker O. Wright, 1133 Central Bldg., has completed working plans for a two-story 16-unit school at Figueroa St. school site, cor. 11th and Figueroa Sts., for Board of Education; auditorium to seat 300 and 13 classrooms; brick plastered, reinforced concrete corridor and stair construction, terra cotta trim, composition roofing, maple floors, pine trim, steam heating, slate blackboards, wood trusses. Cost, \$112,000.

ALAMEDA, Alameda Co., Cal.—Until Jan. 6, 8 p. m., bids will be received by C. J. DuFour, Sec'y., Board of Education, to furnish and install lighting fixtures in Lincoln School in block bounded by Van Buren, Mound, Central Aves., and Court St. Henry H. Meyers, architect, Kohl Bldg., San Francisco. Cert. check 10% req. with bid. See call for bids under official proposal section in this issue.

LOS ANGELES, Los Angeles Co., Cal.—Architect Chas. F. Plummer, 1108 Story Bldg., has completed working plans for a 16-unit, 1-story and part 2-story school at Center St. school site, 1 mile east of Inglewood, for the Board of Education; 13 classrooms and auditorium to seat 300; brick, 125x119 feet, with auditorium wing, 37x91 feet, part basement, brick exterior, tile roof, composition roofing, wood trusses, reinforcement

forced concrete corridor and stair construction, steam heating and ventilating system, shower baths and toilets, tile and marble work, pine trim, maple and cement floors.

LOS ANGELES, Los Angeles Co., Cal.—Architect Homer Glidden, 2332 Artesian St., is completing working plans for a 16-unit, 1-story and part 2-story school at Wilmington Park school site, for the Board of Education; 13 classrooms and auditorium to seat about 300; 60x120 feet with auditorium wing, 60x120 ft., brick, pressed and ruffled brick exterior, tile and composition roofing, reinforced concrete corridor and stair construction, wood trusses, maple and cement floors, steam heating, pine trim, toilets, slate blackboards. Cost, \$110,000.

PASADENA, Los Angeles Co., Cal.—Wm. C. Crowell, 440 Security Bldg., Pasadena, has contract for two-story Class A steam laboratory building for California Institute of Technology at 1201 E. California St., Pasadena. Berttram Grosvenor Goodhue, architect, 2 W. 47th St., New York City. Boiler and classrooms, 4 boilers, 200 horsepower, 250 lbs. pressure; 50x133 ft., reinforced concrete, cast stone trim, concrete roofing, cement floors, steel sash. Cost, \$80,000.

BANKS, STORES & OFFICES

Contract Being Prepared.
ALTERATIONS. Cost, \$35,000.
SACRAMENTO, Sacramento Co., Cal. 1st and San Carlos Streets.
Alterations to store front and interior fixtures.
Owner—Appleton Cloak & Suit House, Sacramento.
Architect—Reed & Corlett, Oakland Bank of Sav. Bldg., Oakland.
Bids will be taken for a general contract shortly after the first of the year.

Date of Opening Bids Postponed.
BANK & OFFICE. Cost, \$1,500,000.
OAKLAND, Alameda Co., Cal. Broadway and Fourteenth Streets.
Seventeen-story Class A bank and office building.
Owner—Central National Bank.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Date of opening bids has been postponed from December 29, 1924, to January 15, 1925, at 12 o'clock noon.
Bids are being taken from a selected list of contractors.



AS SANDY KISSES 1924 goodbye.

SANDY PRATT desires to wish.

ALL THE readers.

OF THE Building & Engineering News.

OF THE "Builder."

AND THE few others.

IN THE world.

A VERY Happy New Year.

AS WELL as a prosperous one.

NOW DURING all of 1924.

CLARENCE SAND Pratt, President.

OF THE Pratt Building Material Co.

OF SACRAMENTO, San Francisco.

PRATTROCK (NEAR Folsom), Marysville.

AND PRATTCO (Monterey County).

HAS ENJOYED a prosperous year.

IN SANDY'S growing business.

OF CRUSHED rock and clean sand.

AND NOW 1925.

IS ALMOST here.

BRINGING PROSPERITY with it.

SO SANDY KISSES 1924 goodbye.

AND WELCOMES 1925.

WITH A loving embrace.

FOR GRATEFUL is Sandy Pratt.

FOR THE business.

SANDY'S FRIENDS has given him.

AND SANDY'S companies.

FOR THE past year.

AND THROUGH this wide-awake paper.

SANDY SAYS "I thank you."



The "Thankyou" choir from Prattrock (near Folsom), telling the world that Sandy Pratt, president of the Pratt Building Material Co., and producer of hard, crushed rock, clean, sharp sand, washed gravel and rock screenings, wish all of you a Happy and Prosperous New Year.

Contract Awarded.
ALTERATIONS Cost, \$37,500
SAN FRANCISCO. No. 560 Mission St.
Extensive alterations to five-story
class C brick and steel store and
loft building.
Owner—Danzel-Moller Co., 1666 Mis-
sion St., S. F.
Architect—Willis Lowe, Monadnock
Bldg., San Francisco.
Contractor—Peter Peterson, 556 Mis-
sion St., S. F.

To Be Done By Day's Work.
STORES Cost, \$18,000
SAN FRANCISCO, SW Geary and Ar-
guello Blvd.
Two-story frame stores.
Owner—W. A. Savage, 5745 Geary St.,
San Francisco.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.

Plans Being Prepared.
BANK BLDG. Cost, \$35,000
ALVARADO Alameda Co., Cal.
One-story reinforced concrete bank
building.
Owner—Bank of Alameda County.
Designers and Engineers—The Herman
Safe Co., 216 Fremont St., S. F.

Sub-Figures Being Taken.
BRICK BLDG. Cost, \$45,000
RIO VISTA, Solano Co., Cal.
Two-story brick building containing
stores, offices and apartments.
Owner—Joseph Cordoza, Rio Vista,
Calif.
Architect—None.
Contractor—Chas. Mabrey, Ochsnor
Bldg., Sacramento.

SANTA BARBARA. Santa Barbara
Co., Cal.—J. Y. Parker, Lasuen and Pa-
rera Sts., will start work at once on
2-story brick bldg., 180x116 ft., on
lower State St. for Mrs. Hattie G.
Stockton, Montecito. Sauter & Lock-
ard, archts., San Marcos Bldg.; 25
stores, stucco exte., tile rlf., \$100,000.

Segregated Figures To Be Taken in
About Two Weeks.
STORE BLDG. Cost, \$30,000
EUREKA, San Mateo Co., Cal.
One-story reinforced concrete or brick
store building.
Owner—Withheld.
Architect—Vernon W. Houghton, 275
Post St., San Francisco.

Contracts Awarded.
ALTERATIONS Cost, \$75,000 to \$100,000
SAN FRANCISCO. No. 560 Mission St.
Extensive alterations to five-story
class C brick and steel store and
loft building.
Owner—Danzel Estate, 1666 Mission St.
San Francisco.
Architect—Willis Lowe, Monadnock
Bldg., San Francisco.
Contracts awarded are:
Plumbing—Harry Williamson Co., 1738
Howard St., S. F.
Plastering—J. Smith, 180 Jessie St.,
San Francisco.
Sprinkling System—Independent Auto-
matic Sprinkler Co., 72 Natoma St.,
San Francisco.

Segregated bids are being taken on
elevator, electrical work, steel sash
and ornamental iron.

Plans Being Prepared.
ALTERATIONS Cost, \$35,000
SAN JOSE, Santa Clara Co., Cal. South
1st and San Carlos Streets.
Alterations to store front and interior
fixtures.
Owner—Appleton Cloak & Suit House,
Sacramento.
Architect—Reed & Corlett, Oakland
Bank of Sav. Bldg., Oakland.
Bids will be taken for a general con-
tract shortly after the first of the
year.

Contract Awarded.
BUILDING Cost, \$18,500
SAN FRANCISCO. NE Corner of Mis-
sion & Lizzie Streets.
Two-story frame apartment and stores
building.
Owner—Matthew D. Ashe, 3415 Mission
St., S. F.
Architect—Gustave Stahlberg, Flatiron
Bldg., S. F.
Contractor—Meyer Bros., 1 Montgom-
ery St., S. F.

Additional Sub-Contracts Awarded.
OFFICE BLDG. Approx. \$2,500,000
SAN FRANCISCO. New Montgomery
and Alameda Sts.
Twenty-six story Class A steel and re-
inforced concrete office building
with terra cotta exterior.
Owner—Pacific Telephone & Telegraph
Company.
Architect—Miller & Plueger, Associ-
ated with A. A. Cantin, Foxcroft
Bldg., S. F.
Contractor—Lindgren-Swinerton Co.,
Inc., Standard Oil Bldg., S. F.
Deep Well Work—J. H. Rogers, 110
Sutter St., San Francisco. —\$2585
Deep Well Pumping Unit—Fordward
Pump Co., 417 Market St., San
Francisco. —1425
Previously reported contracts award-
ed are: ornamental iron—Pearless Or-
namental Iron & Bronze Co., 1528 Fol-
son St., S. F., \$60,510; Vault doors and
linings—The Hermann Safe Co., 216
Fremont St., S. F., \$5500.

Plans Being Figured.
ALTERATIONS Cost, \$18,000
SAN JOSE, Santa Clara Co., Cal., Lyn-
don Bldg., Santa Clara St.
Alterations to 3 stores, new fronts etc.
Owner—Louis Normandin, 156 W Santa
Clara St., San Jose.
Architect—Herman Krause, Bank of
San Jose Bldg., San Jose.

Ready for Figures Dec. 22, 1924.
STORE ETC. Cost, \$75,000
SACRAMENTO, Sacramento Co., Cal.
NE Eighteenth and M Sts.
One-story and mezzanine floor rein-
forced concrete store & garage.
Owner—Arnold Bros.
Architect—Leonard F. Starks & Co.,
1010 1/2 8th St., Sacramento.

Sub-Contracts Awarded.
STORE ETC. Cost, \$31,250
SACRAMENTO. N 1/2 Lot 4 I J 11 12.
Frame and stucco store and rooming
house building.
Owner—Mrs. O. O. Edwards.
Contractor—J. M. Saunders, 2810 I St.,
Sacramento.
Tile—H. P. Fischer Tile & Marble Co.,
1219 J St., Sacramento.
Plastering—McLawson, Sacramento.
Brick—Wm. Clifford, Sacramento.
Milwork—Friend & Terry Lumber Co.,
Sacramento.
Electrical Work—C. B. Spelbring, 1906
Oakland.
Ornamental Iron—Palm Iron Works,
Sacramento.
Bids are being taken for plastering
and painting.

Plans Being Prepared.
STORE, OFFICE BLDG. Cost, \$50,000
OAKLAND, Alameda Co., Cal., Grand
Ave. and Perry St.
Three-story hollow tile and stucco
store and physicians office build-
ing, class C.
Owner—Wm. Greuner, 176 Grand Ave.,
Oakland.
Architect—Clay N. Burrell, American
Bank Bldg., Oakland.
The building will have 4 stores and
the second and third stories will be
devoted to offices. The addition of a
theatre to the rear of the building is
contemplated.

CLAWSON PATENT CHIMNEY CO.

CLAWSON'S PATENT CHIMNEY
is the Most Complete on the
Market

CLAWSON'S FURNACE GRATE
for Gas, Coal or Wood

CLAWSON'S
HOODS AND DAMPERS for
Open Fireplaces

Experts in Curing Smoky Flues
and in Ventilating

Terra Cotta and Galvanized Iron
Chimney Tops Erected
Chimney Sweeping

149 GOUGH STREET
Phone Park 6062 San Francisco

Excavating and Piling Contract
Awarded.
BUILDING Cost, \$400,000
SACRAMENTO, Cal., K Street bet. 14th
and 15th Sts.
Six-story and basement class B tele-
phone office building, pressed brick
and terra cotta.
Owner—Pacific Telephone & Telegraph
Co., Head office, San Francisco.
Architect—Bliss & Faville, Balboa
Bldg., S. F.
Contract for excavating and piling
was awarded to the Lindgren Swin-
erton, Inc., Standard Oil Bldg., S. F.

Plans Being Prepared.
BANK BLDG. Cost, \$28,000
OAKLAND, Alameda Co., Cal., Santa
Clara and Grand Ave.
Three-story hollow tile and stucco
bank and office building.
Owner—Santa Clara and Grand Ave.
Holding Co., Oakland, Calif.
Architect—Clay N. Burrell, American
Bank Bldg., Oakland.

Owner Taking Figures—To be Done by
Day's Work.
STORE BLDG. Cost, \$30,000
OAKLAND, Alameda Co., Cal., Grand
Ave. and Embarcadero.
Three-story frame and stucco store
and club building.
Owner—Wm. Greuner, 176 Grand Ave.,
Oakland.
Architect—Clay N. Burrell, American
Bank Bldg., Oakland.

Bids Being Taken For General Contract
BANK BLDG. Cost, \$40,000
LOS ANGELES, Los Angeles Co., Cal.
Hollywood and Vermont Sts.
One-story Class C brick, cement and
plaster exterior bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy
Bldg., Market, Powell and Eddy
Sts., San Francisco.
The Capitol Co., Bank of Italy Bldg.,
Los Angeles, are receiving bids.

Working Drawings Being Prepared—
Ready for Figures in About a
Week.
OFFICE BLDG. Cost, \$20,000
SAN FRANCISCO. S Hayes St. 200 W
Franklin St.
Two-story and basement reinforced
concrete office building.
Owner—Samuel O. Hoffman Co.
Architect—E. E. Young, 2002 California
St., San Francisco.

Sub-Contracts Awarded.
BAKERY & OFFICE Approx. \$25,000
(1st unit)
SACRAMENTO, Cal., Fifteenth and R
Streets.
One-story reinforced concrete bakery
and office building.
Owner—Perfection Bread Co.
Architect—Leonard F. Starks, Ochsnor
Bldg., Sacramento.
Contractor—Wm. Keating, Forum Bldg
Sacramento.
Contracts awarded are:
Reinforcing steel—W. S. Wettenhall Co.,
17th & Wisconsin Sts., S. F.
Mill work—Capital City Planing Mill,
815 S St., Sacramento.
Glass & Glazing—W. P. Fuller Co., 1016
2nd St., Sacramento.
Sheet metal—McLaughlin Sheet Metal
Works, 221 J St., Sacramento.
Electrical—Geo. C. Foss, Ochsnor Bldg.,
Sacramento.

Plumbing—J. H. Cummins, 1419 26th
St., Sacramento.
Painting—C. Schneider, 615 J Street,
Sacramento.
Roofing—Larson Roofing & Supply Co.,
1015 10th St., Sacramento.
Steel sash—Truscon Steel Co., 527 10th
St., San Francisco.
Rolling door—Pacific Materials Co.,
525 Market St., San Francisco.
Mise iron—Alling Iron Works, Sacra-
mento.
Plastering—E. R. Zeigerst, 505 K St.,
Sacramento.

This contract is only for the first
unit of a 2-story structure to cost
\$110,000.
SAN ANSELMO, Marin Co., Cal.—
S. Rasori will shortly let contract to
erect two-story reinforced concrete
business block at Pine street and San
Anselmo Ave.

VINCENT WHITNEY COMPANY
DEALERS IN BUILDING SPECIALTIES
365 MARKET STREET
SAN FRANCISCO

Low Bid Still Under Advertisement
THEATRE, ETC. Cost, \$100,000
LESTER L. V. Alameda Co., Cal. Bannock W. of Telegraph Ave.
 Steel and reinforced concrete theatre and store building.

OWNER: FRANK ALFIS.
Architect: James T. Natchett, 940 MacDonald Ave., Richmond.

Low bid for general contract submitted by F. W. Maurer, 1362 East 25th St., Oakland.

Tile & Sheet Metal Sub-Contracts Awarded.

ALTERATIONS Cost, \$18,000
OAKLAND, Alameda Co., Cal. Franklin and 14th Sts.

Remodel front and interior of theatre (redecorating, slight changes in heating, erect entire new front, cement plastered).

Owner: Ackerman & Harris.

Architect: Henry H. Meyers, Kohl Bldg., S. F.

Contractor: Chas. W. Heyer, Jr., Mills Bldg., S. F.

Contracts awarded were:

Tile: The Rigney Tile Co., 180 Jessie St., San Francisco.

Sheet Metal: Morrison & Co., 71 Duboce St., San Francisco.

As previously reported hereafter was awarded to W. K. Nottingham, 369 16th St., Oakland; lathing and plastering—Leonard Busch, 180 Jessie St., S. F. Figures are being taken on other portions of the work.

WHARVES AND DOCKS

OAKLAND, Cal.—On Dec. 18, 1924, at 11:30 a. m., bids were opened by Eugene K. Sturgis to install fresh water piping system in Market street pier. The two lowest bidders are: Geo. A. Schuster, 916 Franklin St., Oakland, \$1,744; Scott Co., Oakland, \$1,985. Bids will be taken under advertisement.

MARTINEZ, Contra Costa Co., Cal.—Associated Oil Co., New Montgomery and Mission Sts., will expend approx. \$100,000 to construct wharf at Bulls Head Point.

SAN FRANCISCO—Until Jan. 29, 2 P. M. bids will be received by State Board of Harbor Commissioners, J. L. Phelps, sec'y., Ferry Bldg., to fur. and install steel rolling doors in China Basin Terminal Warehouse. Cert.

check 5% payable to sect'y. req. Plans obtainable from Frank G. White, chief engineer of construction, Ferry Bldg. See call for bids under official proposal section in this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

TRACY, San Joaquin Co., Cal.—Until Jan. 14, 8 P. M. bids will be rec. by W. Schlossman, secy. Santa-Carolina Irrigation District, to fur. and del. Portland C. (7500 bbls.), under Contract No. 5, to be delivered in carload lots, f. o. b. at any of the following stations as the district may elect: On Southern Pacific Railroad at Tracy, Yarmouth or Lyoth, California; on Western Pacific Railroad at Carbons or Fitz. W. D. Harrington, ch. eng. for dist.

LOS ANGELES, Cal.—K. & K. Brick Co., Merchants Natl. Bank Bldg., awarded cont. by pub. serv. comm. at \$11.75 net per M for 48,000 common red brick under spec. P-338, f. o. b. 1630 N. Main St. Other bids: Simons Brick Co., \$624 (lump sum); Western Brick Co., \$12; L. A. Erick Co., \$12; Standard Brick Co., \$12.

Foundation Contract Awarded—Soon. Contract to be Awarded—Soon. OIL PLANT Cost, \$700,000
OAKLAND, Alameda Co., Cal. Farr Terminal.

Oil distributing plant, steel and corrugated iron buildings, tanks, piping, etc.

Owner: General Petroleum Co., 210 Sansome St., San Francisco.

Architect—Eng. Dept. of Owner.
Concrete foundation and firewall contract awarded to Pan-Pacific Construction Co., Citizens' National Bank Bldg., Los Angeles, at approx. \$125,000. Construction of tanks and pipe lines will be done by the owner. Contract for construction of buildings will be awarded shortly.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 813 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1429—Vancouver, B. C. Manufacturers: Agents desire contact with San Francisco manufacturers of products selling to the wholesale hardware trade who wish representation in Western Canada.

D-1431—Taunton, Mass. Manufacturers of stove bolts want to secure sales representation on the Pacific Coast; prefer concern already covering the hardware trade.

D-1432—Dayton, Ohio. Metal Products company desires representation San Francisco for their line of mixing machines: commission basis.

8788—San Francisco, Calif. Gentlemen controlling a large tract of land on the north coast of Honduras, covered with approximately ten million feet of FINEST MAHOGANY TREES, wishes to dispose of this mahogany.

8790—Mazatlan, Mexico. Firm wishes to receive catalogs and prices of CANING MACHINERY; also STEAM BOILERS.

8793—Vancouver, B. C. Exporters of LUMBER and SHINGLES wish to communicate with interested wholesale lumber dealers in San Francisco.

8794—Perth, Western Australia. Firm in a position to supply superior quality MANGANESE ORE wishes to communicate with San Francisco users of this material.

8795—Wellington, N. Z. Firm is in the market for PLASTER CENTER SHEETS, used chiefly for lining the inside of wooden buildings. Solicits samples and prices.

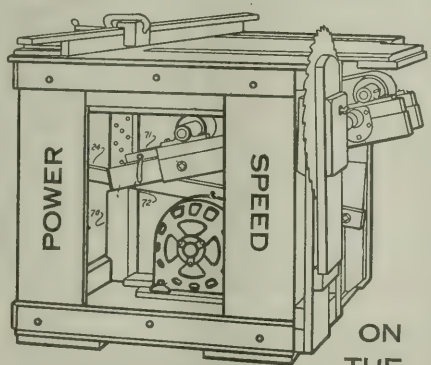
TRADE MARK

JOHNSON

RIPSAWING CUT-OFF MACHINE

FAST

SAFE



COUNTERPOISED

DYNAMIC BALANCED

POWER

SPEED

ON THE CONVENIENT SQUARE

JOHNSON SAFETY SAW WORKS

SAN FRANCISCO, CALIFORNIA

20 STILLMAN ST.

1924

Official Proposals

NOTICE TO BIDDERS

(Water Pipe and Fittings—Redwood City)

Public notice is hereby given that sealed bids will be received by the Board of Trustees of the Town of Redwood City, California, up to and including Monday, the 5th day of January, 1925, at the hour of 7:30 o'clock P. M., for the following material to be delivered I. o. B. cars at Redwood City, to-wit:

1500 lineal feet of six (6) inch cast iron water pipe, Class B, Standard weight.

200 lineal feet of four (4) inch cast iron water pipe, Class B, Standard weight.

4—six (6) inch by six (6) inch by four (4) inch cast iron tees.

6—four (4) inch tee cast iron.

All pipe to be of bell and spigot form and in twelve (12) foot lengths, all tees to have bells all around. Pipe and fittings to conform to American Water Works Association Standards.

All pipe and specials to be subject to inspection by the Superintendent of Water System of the Town of Redwood City upon delivery and rejected pieces to be stored at the expense and subject to the order of shipper.

Delivery to be made within ninety (90) days after placing order and contract to be entered into within five (5) days after acceptance of bid.

Bids to be accompanied by a certified check in the amount of ten (10) per cent of bid payable to the President of the Board of Trustees of Redwood City. Checks of unsuccessful bidders to be returned at once, check of successful bidder to be returned upon acceptance of goods ordered.

The Board of Trustees reserves the right to reject any and all bids.

By order of the Board of Trustees of the Town of Redwood City, California. Dated, December 15, 1924.

W. A. PRICE,

Clark of the Town of Redwood City.

NOTICE TO BIDDERS

(Woodland High School District—Linoleum)

Notice is hereby given that sealed bids will be received and opened by the Woodland High School Board of Education, January 5, 1925, 7:30 P. M., at the office of Wreath & Farish, 520 Main Street, Woodland, Cal., for the contract of furnishing and laying the linoleum for the new High School building.

The linoleum contract is to be as follows: The floors of the two upper corridors, secretary's public office, and elsewhere where marked on the plans and specifications at Architect W. H. Week's office, 369 Pine Street, San Francisco, to be covered with best grade cork carpet, "Wildes," "A" quality or equal, ¼ inch thick.

On corridors cork carpet to be turned up around walls to form base; all to be thoroughly cemented to under floor the entire surface. See detail.

Sewing Room, Millinery Room, Fitting Room floors to be covered with best grade Battleship Linoleum, ¼

The cooking room floor is to be covered with best grade Inlaid linoleum, B gauge, 112 square ft. as selected by Architect. Model Dining Room floor covered with heavy Battleship Linoleum. All to be thoroughly cemented to under floor over entire surface.

Send sealed bids to Wm. M. Hyman, Secretary.

JOSEPH HARLAN,
President Woodland High School Board of Trustees.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Steel Rolling Doors—State Board of Harbor Commissioners)

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, December 22, 1924.

Sealed proposals or bids will be received at this office at or prior to 2 o'clock P. M., Thursday, January 29, 1925, for furnishing and installing Steel Rolling Doors in the China Basin Terminal Building, on the waterfront of the City and County of San Francisco, in accordance with plans and specifications adopted by the Board December 18, 1924, and on file in this office, to which special reference is hereby made.

The work to be done under these specifications consists in furnishing all materials, labor and equipment for installing all steel rolling doors on the first two floors and the door groove angles on the first floor of the Building for the China Basin Terminal.

The materials to be used in this work consist of the requisite quantities of structural steel, castings, galvanized iron, bolts, chains, paint materials etc.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum

mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary, at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 2 o'clock P. M., on Thursday, January 29, 1925, at which time and place the bids will be publicly opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing \$10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid: "Bid for Installing Steel Rolling Doors in the China Basin Terminal Building."

CHAS. H. SPEAR,

M. F. COCHRANE,

JOHN B. SKOELD,

Board of State Harbor Commissioners.

FRANK G. WHITE,

Chief Engineer.

J. L. Phelps, Secretary.

NOTICE TO BIDDERS

(Lighting Fixtures—Alameda)

Notice is hereby given that the Board of Education of the City of Alameda will receive sealed proposals or bids for furnishing and installing lighting fixtures in Lincoln School, situated on the block bounded by Central Avenue, Van Buren, Mound and Court Streets, in said city, on Tuesday evening, January 6th, 1925, up to the hour of 8 o'clock P. M. of said day.

All of said work shall be done in accordance with the specifications prepared by Henry H. Meyers, Architect, adopted therefor by said Board of Education and now on file in the office of the secretary of said board.

All proposals shall be accompanied by a certified check or bond in the amount of ten per cent (10%) of the total contract price conditioned that the successful bidder will enter into a contract within ten days after the same has been awarded to him.

The Board of Education reserves the right to reject any or all bids. By order of the Board of Education. Dated December 11th, 1924.

C. J. DU FOUR,
Secretary of the Board.

NOTICE TO BIDDERS

(Pumps—Vandallia Irrigation District)

NOTICE IS HEREBY GIVEN that the Board of Directors of the Vandallia Irrigation District will receive sealed bids up to the hour of 1:30 P. M., on the 7th day of January, 1925, for the following Deep Well Turbine Pumps: 5—Deep Well Turbine Pumps, 900 G. P. M., Head 110 ft.

50 ft. of Column, fully equipped and installed with 2200 Volt. 3 phase 60 cycles 1200 R. P. M.

Bidders are requested to bid on mint type head and motor construction and also with standard vertical motor equipment.

Each bid must be accompanied by a certified check in the sum of not less than 5 per cent of the total amount of the bid.

All bids must be on blanks furnished by the district for the purpose. The Board of Directors reserves the right to waive defects, and to reject any or all bids.

H. C. PEGRAM, Secretary,

Vandallia Irrigation District,

Porterville, Calif.

QUANTITY SURVEYOR

Valuation Engineer

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

General Listing Bureau

Architect's Preliminary Estimates

Engineering News Section

BRIDGES

LOS ANGELES COUNTY, Calif.—Following bids rec. by State Highway Commission to const. walk on bridge across the Rio Honda, near Los Angeles; 480 ft. long, composed of wood and structural steel.
K. O. Nitzel Co., 685 So. Rio St., Los Angeles (low bid) \$3308
W. M. Ledbetter & Co. 3767
E. G. Perham 3864
Lipscomb & Dutton 5239
Mercerans Bridge & Constr. Co., 5524 Engineer's estimate \$3514.

OROVILLE, Butte Co., Cal.—Until Jan. 12, 1:45 p. m., bids will be rec. by C. F. Belding, county clerk, to const. rein. conc. bridge over slough on Nord-Gianella Rd., near Nord. Cert. check 10% req. with bid. Plans obtainable from County Eng. Harry H. Hume.

OROVILLE, Butte Co., Cal.—Until Jan. 12, 1:35 p. m., bids will be rec. by C. F. Belding, county clerk, to const. rein. conc. bridge over Dry Creek on Richvale West Road, near Richvale. Cert. check 10% req. with bid. Plans obtainable from County Eng. Harry H. Hume.

ABERDEEN, Wash.—M. M. Caldwell, bridge engineer, Central Bldg., Seattle, completes plans for bridge over Chehalis river for which city has voted bonds of \$200,000 to finance. Plans are yet to be approved by war dept. Will have conc. piers, four approach piers and one draw span pier; steel swing span 307 ft. long. E. G. Hunt is city eng. of Aberdeen.

REDDING, Shasta Co., Cal.—Until Jan. 7, 2 p. m., bids will be rec. by Errol A. Yank, county clerk, to (1) const. earth fills at ends of conc. bridge over Eagle creek at Ono, also cuts and road at ends of bridge; (2) const. cuts and road at ends of said bridge. Cert. check 10% payable to county req. Plans on file in office of clerk.

IRRIGATION PROJECTS

SAN JOSE, Santa Clara Co., Cal.—County supervisors vote to create irrigation and water conservation district and elect its seven trustees for the central part of Santa Clara valley, will be held on March 10.

SAN RAFAEL, Marin Co., Cal.—Petition seeking formation of Bolinas Irrigation District has been granted by county supervisors and engineer will be appointed shortly to prepare estimates of cost to construct irrigation works.

LIGHTING SYSTEMS

SAN MATEO, San Mateo Co., Cal.—John R. Perkins, Jr., San Francisco, at \$3,112.60 awarded cont. by city council to install 22 electrolights in Third Ave., bet. B St. and State Highway.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declare Inten. (No. 212) to imp. East and West Main Sts., North and South Center Sts., etc., involv. installation of street lighting system. 1911 Act and Bond Act 1915. Protests Jan. 6. Horace Hall, city engineer.

LOS ANGELES, Cal.—Until 10 A. M., Jan. 5, bids will be rec. by Ed. Pub. Wks. for ornam. lights under 1911 act as follows:

Windsor Blvd., bet. Wilshire Blvd. and Francis Ave.; 15 concr. posts.
Anahelm St., bet. End Ave. and Anahelm St.; 41 concr. posts.
McCadden Pl., Las Palmas Ave. and Cherokee Ave.; 41 concr. posts.
Third St., bet. Muirfield Rd. and La Brea Ave.; 76 concr. posts.
16th St., bet. Normandie and Western Aves.; 48 concr. posts.
Kenniston Ave., bet. Wilshire Blvd. and Country Club Dr.; 21 concr. posts.

MACHINERY & EQUIPMENT

REDWOOD CITY, San Mateo Co., Cal.—Until Jan. 8, 8 p. m., bids will be rec. by Henry Steinberger, clerk, Redwood School District, to fur. and del. one 40-passenger school bus. Additional information obtainable from clerk.

EUREKA, Humboldt Co., Cal.—Until Jan. 5, 7:30 p. m., bids will be rec. by Geo. E. Albee, city supt. of schools, to fur. one White bus for transportation of school pupils. Cert. check 5% payable to Eureka School District req. Further information obtainable from secretary.

FIRE EQUIPMENT

RED BLUFF, Tehama Co., Cal.—City trustees will call election to vote bonds to finance purchase of 750-gal. fire engine and 1,000 ft. fire hose.

MISCELLANEOUS SUPPLIES

SAN FRANCISCO—Until Jan. 5, 3 p. m., bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. incandescent electric lamps required for calendar year 1925. Further information obtainable from above office.

SAN FRANCISCO—Until Jan. 5, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, to fur. and del. 2314 padlocks under Proposal No. 101. Further information obtainable from above office.

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RESERVOIRS AND DAMS

AMERICAN FALLS, Idaho—Until 2 p. m., Jan. 22, bids will be rec. by bureau of reclamation, American Falls, for constr. of dam, involv. 50,000 cu. yds. excav.; 60,000 cu. yds. earth embank.; 23,000 cu. yds. rock excav.; 115,000 cu. yds. conc.; 1,100,000 lbs. reinf. steel; 1,200,000 lbs. struc. steel; 1,700-30 lbs. c. i. gates. Plans and spec. may be obtained from bureau of reclamation, Denver, Colo., from bureau at American Falls, or from Washington. D. C.

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—American C. I. Pipe Co., Marsh-Strong Bldg., awarded cont. by pub. serv. comm. for c. i. pipe under spec. 740-A as follows: \$5,3492 class C pipe 24-in. diam. and \$7,1196 for 24-in. class C pipe, also 24-in. diam. f. o. b. trenchside.

REDWOOD CITY, San Mateo Co., Cal.—Until Jan. 5, 7:30 p. m., bids will be rec. by W. A. Price, city clerk, to fur. f. o. b. cars, Redwood City, 1500 lin. ft. 6-in. c.i. water pipe, class B standard weight; 200 lin. ft. 4-in. c.i. water pipe class B, standard weight; 4 6-in. by 6-in. c.i. tees; 8 4-in. c.i. tees.

Pipe to be bell and spigot form and in 12-ft. lengths, all tees to have bell all around. Delivery to be made 90 days after awarded of contract. Cert. check 10% payable to Pres. of Bd. of City Trustees req. C. L. Dimmitt, city eng. See call for bids under official proposal section in this issue.

PORTERVILLE, Tulare Co., Cal.—Jan. 27 is date set to vote bonds of \$50,000 to finance construction of sewage disposal system. Fred Pease, city engineer.

SEWAGE DISPOSAL PLANTS

HUNTINGTON PARK, Cal.—Until 7:30 p. m., Dec. 31 bids will be rec. by trustees of Huntington Park union high school dist. for septic tanks and sewage disposal sys. for Bell unit high school, n.e. cor. Bell and Forth Aves. & Bell. Plans on file at office of Train & Williams, archts., 272 Western Mt. Life Bldg., 321 W 3rd St., Los Angeles. Cert. check or bond 5%. H. D. Turner, clerk of board.

PORTERVILLE, Tulare Co., Cal.—Jan. 27 is date set to vote bonds of \$50,000 to finance construction of sewage disposal system. Fred Pease city eng.

MISCELLANEOUS CONSTRUCTION

GRASS VALLEY, Nevada Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will expend \$35,000 to install 100,000 cu. ft., two lift, gas gas holder and exhaustor.

WATER WORKS

LOS ANGELES, Cal.—Art Concrete Works, Box 417 Pasadena, sub. only bid to pub. serv. comm. at \$5715 (\$3.6c ea.) for 9000 conc. metre boxes covering a period of 6 mos. from Jan. 1, 1925; spec. W-334.

NEWTON BEACH, Cal.—Until 7:30 p. m., Jan. 5, bids will be rec. by city for work compl. for water supply and distrib. sys. for homes and fire protection purposes, incl. reservoirs, pumping plant, etc., in Corona del Mar section of Newport Beach, involv. C. I. pipe as follows: 20,465 ft. 6-in. class B; 30,634 ft. 6-in. class "C"; 4147 ft. 8-in. class B, 3518 ft. 8-in. class C, 2744 ft. 10-in. class B, 1055 ft. 10-in. class C, 893 ft. 10-in. class B, 380 ft. 12-in. class C, 1209 ft. 14-in. class C, 3395 ft. 18-in. class B, 8720 ft. 15-in. class C, 64 tons C. I. class D special fittings, 127 6-in. standard fire hydrants, one 1,600,000-gal. reinf. conc. (storage reservoir), one 145,000-gal. reinf. conc. receiving reservoir, one pumping plant compl., incl. brick and conc. bldg. 50x60 ft., 2 h.p. full Diesel engines, 800-gal. per m., 3-stage centrif. pumps with starting eq. silencers, etc. Plans obtainable from Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles, upon payment \$15. Cert. check or bond 10%. V. A. Sebring, city clerk.

PORTLAND, Ore.—Barr and Cunningham, consulting engineers, Spaulding, engineers, Spaulding, Engineers, Missions, to prepare plans for proposed water system for Multnomah Water District to serve Multnomah, Capitol Hill and Ryan Place districts; est. cost \$100,000.

LOS ANGELES, Cal.—Bids rec. by pub. serv. comm. for 20 12-in. double cast-iron valves under spec. 741, were: Crane Co., \$63 ea.; Pac. Pipe & Supply Co. (Kennedy), \$64.90; Jones-Thorne Co. (R. D. Wood Valve), \$65.50; Water Works Supply Co. (Rosenberg), \$75.20; N. O. Nelson Mfg. Co. (Kennedy), \$66.25; Mark-Lally Co. (Kennedy), \$70.35.

PORTLAND, Ore.—Until Jan. 5, 2 P. M. bids will be rec. by Frank Coffinberry, city purchasing agent, to fur. approx. 50-tons, c. i. specials for Water Bureau. Bureau. Cert. check 10%, payable to city req. Additional information obtainable from above office.

PLAYGROUNDS AND PARKS

EUREKA, Humboldt Co., Cal.—City council plans bond issue for \$50,000 to purchase 30 acres for park purposes adjoining the eastern portion of Sequoia Park, A. Walter Kildale is city clerk.

MARSHVILLE, E. Yuba Co., Cal.—Mas Rorie & McLaren Co., San Francisco, at \$4,100 awarded contract by city council to fur. and plant 2,000 trees on banks of Ellis Lake. West Coast Nursery Co. was low bidder at \$3,782, but the council awarded the contract to the highest bidder.

SAN JOSE, Santa Clara Co., Cal.—Commercial Club plans to purchase approx. 125-acres of land and lay out 18-hole golf course. Approx. \$86,000 will be expended in improvements including clubhouse, well and pumping plant, etc.

SEWERS & STREET WORK

OAKLAND, Cal.—Until Dec. 31, 11:30 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of E-15th St. by improv. conc. curbs and gutters; one culvert, 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk. W. W. Harmon, city eng.

OAKLAND, Cal.—Until Dec. 31, 11:30 A. M., bids will be rec. by Eugene K. Sturgis, city clerk, to cons. sewers, manholes, lampholes, drop connections and wye branches in Carmel St., bet. Peralta and Maple Aves.; in Morgan Ave., bet. n. w. termination and Maple Ave.; in portion of California St., 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk. W. W. Harmon, city engineer.

CHICO, Butte Co., Cal.—Until Jan. 6, 8 p. m., bids will be rec. by Ira R. Morrison, city clerk, to imp. portions of Normal Ave., Chestnut, Hazel, Ivey, Cherry and other Sts., involv. grading; const. hyd. cem. conc. curbs, gutters and walks, corr. galv. iron culverts; gutter drain inlets; reconst. manholes; 4-in. vit. sewer pipe; pave with 1½-in. asph. conc. surface on 3½-in. asph. conc. base. Federal Const. Co., Call Bldg., San Francisco, submitted low bid at \$119,735 for this work under last call but as "legality of procedure" was questioned by city attorney the bids were rejected.

LOS ANGELES, Cal.—Tom Gogo & S. Rados & Co., 70 Bernard St., awarded cont. by Board of Public Works, at \$18,770 for sewer in Stowe Terr., bet. outlook Ave. and Monte Vista St. Engineer's est., \$25,811.30.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Divisadero and H Sts., Fresno, at \$8,004.43 to imp. Pine St., bet. Sequel Ave. and Broadway involv. grading; conc. curbs, walks and pavement; part circle corr. metal conc. culverts; conc. catchbasins; vit. clay pipe lateral sewers, etc. Other bids: W. E. Miller, \$3,277.92; G. W. Cushing Construction Co., \$8241.10; G. W. Cushing

FRESNO, Fresno Co., Cal.—Council H. S. Foster, city clerk, declares intent. (No. 26-D) to imp. Blackstone Ave., bet. Harvey and Olive Aves., involv. const. of curbs, walks and driveway approaches, 1911 Act. Protests Jan. 8. Wm. Stranahan, city eng.

AMADOR COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Jan. 5, 2 p. m., to grade 2.8-mi. in Amador county bet. Jackson and pt. 3-mi. easterly. Project involves 13,540 cu. yds. roadway excavation without classification; 3650 sta. yds. overhaul; 140 cu. yds. structure excavation without classification; 20 M ft. b. m. timber; 368 lin. ft. 12-in., 170 lin. ft. 18-in., 208 lin. ft. 24-in. and 34 lin. ft. 36-in. corrugated metal pipe; 300 lin. ft. guard rail; 110 monuments. Commission will fur. corr. metal pipe.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Jan. 8, 9 a. m., bids will be rec. by S. A. Evans, city clerk, (331) to imp. Leibrandt Ave., from Beach to Kaye Sts., involv. grading; cem. conc. curbs; vit. clay pipe sewer laterals; pave with 5-in. Port. Cem. conc. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk. H. E. Godegast, city eng.

LOS ANGELES, Cal.—Chalmers and Ford, 592 H. W. Hellman Bldg., awarded cont. at \$67,803 to imp. 68th St., bet. Vermont and Normandie Aves., involv. conc. pave, curb, walk, etc.

TORRANCE, Cal.—Until 7 p. m., Jan. 5 bids will be rec. by city for grading. 3-in. asph. conc. pave, with 1-in. Wilite surf., 4-in. vit. hse. sewers, in alleys in bks. 5 to 9 incl., 17, 69 to 75 incl., 85, 86 and 113. Torrance Tract Plans at office City Engr. J. J. Jessup; 1915 act. A. H. Bartlett, city clerk.

SANTA MONICA, Cal.—Kneen Paving Co., 216 Dudley Bk., Santa Monica, award cont. at \$107,255 to pave Normandie Ave., bet. 24th and 26th Sts., involv. 408,407.48 sq. ft. grade 4c ft., 408,407.48 sq. ft. bitul. pave, on asph. conc. base 19.3c sq. ft., 30 ft. curb 80c ft., 44,276 sq. ft. walk 20.5c ft., water sys. compl. \$2900, 10 m. h. to grade, \$5 ea.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 29, bids will be rec. by bd. pub. works, to pave, etc., in Westgate Ave. and Mayfield Ave. Imp. Dist. (Mun. Imp. Dist. No. 21). Plans on file at office of city eng., 405 s city hall annex. Work involves 55,000 cu. yds. grade, 1,016,656 sq. ft. Warrenite-bitul. pave, (154-in. surf. on 4-in. bitul. base), 48,340 ft. curb, 233,700 sq. ft. cem. walk, 60,410 sq. ft. gut.

ALHAMBRA, Cal.—Allied Constr. Co., 459 E 3rd St., Los Angeles, sub. low bid to city at \$50,560 to const. approx. 1 mi. 48-in. reinf. conc. storm drain. Bid was taken under advisement by City Engr., M. H. Irvine. Other bids: Hickey & Harmon, \$54,000; Callahan Constr. Co., \$54,330; Culjak & Bebek, \$57,900; Thos. Haverly Co., \$59,915; R. A. Wattson, \$60,900; John S. E. Houk, \$63,333; R. L. Oakley, \$63,985; Geo. W. Kemper, \$64,000; Cox & Teget, \$69,300.

SAN LUIS OBISPO, Cal.—City Eng. Moore estimates cost of paying Higuera St. bet. N. and French Sts., at \$28,692 off 4-in. asph. conc. base with 2½-in. surf. To pave the unpaved portion of the street with 6-in. conc. at edge of present pavement and tapering down to 5-in. at curb with 2½-in. asph. surface over present pavement is estimated at \$34,222.

BAKERSFIELD, Kern Co., Cal.—J. E. Burke, San Francisco, awarded cont. at \$349,208 for approx. 22,062 sq. ft. conc. walk at 1774 ft. curb in Baker and other streets in St. Dist. No. 602. Est. \$5557. Other bids: Dean & Stroble, Bakersfield, \$5170.90; F. W. Nighbert, Bakersfield, \$5178.84; Wietzel & Larsen, Bakersfield, \$5274.06.

LOS ANGELES, Cal.—Until 2 P. M., Jan. 12, bids will be rec. by county for road work, as follows:

Atlantic Ave., bet. Long Beach city limits and Tweedy Rd., 4.49 mi., 6-in. disint. gran. pave. 30 ft. wide, involv. 32,357 cu. yds. excav., 79,076 sq. yds. shape rdwy., 79,076 sq. yds. disint. gran. pave, 47,446 lin. ft. shape shoul., one 18-in. reinf. conc. pipe, 100 ft. long. compl. Materials (26,541 tons d. g.) furnished by county.

Western Ave., bet. Narbonne Ave. and w. line of Tr. 6881, and bet. e. line of Palos Verdes Estate and w. line of Tr. 4252, 4.65 mi., 6-in. disint. gran. pave. 20 ft. wide with 2-ft. d. g. shoul., involv. 65,531 sq. yds. shape rdwy., 54,609 sq. yds. 6-in. pav., 49,148 lin. ft. d. g. shoul.

Until 2 P. M., Jan. 5, bids will be rec. to imp. H. H. Rossing Rd., bet. Perry Rd. and college Ave., 1.47 mi., 20 ft. wide, under R. D. No. 281, involv. 4001 cu. yds. excav., 18,134 sq. yds. shape, 17,271 sq. yds. 3-in. asph. conc. base, 15,544 lin. ft. shoul., 18,134 sq. yds. 5-in. disint. gran. base. Engr's est., \$43,952.95.

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LOS ANGELES, Cal.—Three low bids for road maps received by supervisors, fall as follows:

Geo. R. Curtis, Pav. Co., 2440 E. 26th St., low at \$93,765.35 imp. Inglewood Ave., bet. Pine St. and Bellevue Ave., 93 mi. under count. Imp. No. 149, involving 8508 cu. yds. excav., 800 yd., 28,103 sq. yds. shape 9c yd., 10,311 sq. ft. curb 65c ft., 10,622 sq. ft. gut. 30c ft. 11.882 sq. yd., 28,103 sq. yds. 2-in. Willite top \$1 yd., 28,103 sq. yds. 3-in. Willite base \$1.35 yd. Other bids: Geo. H. Oswald, \$98,865.50; Dunkle & Phillips, \$102,865.23.

Geo. R. Curtis, Pav. Co., low at \$35,378.80 imp. 108th St., bet. Main St. and e boundary of Los Angeles (excluding Moneta Ave.), 44 mi. under County Imp. No. 229, involving 2,994 cu. yds., 11,443 sq. ft. gut. 30c ft., 11,882 sq. yds. 14-in. Natl. top \$1.15 yd., 11,882 sq. yds. 3 1/2-in. asph. conc. base \$1.35 yd. Other low at \$38,137.37.

Perry L. Hedrick, 1016 Sanborn Ave., low at \$18,994.45 imp. Kern Ave., bet. Third St. and Brooklyn Ave., 49 mi. under County Imp. No. 74, involving 7354 cu. yds. excav., 5216 sq. yds. shape 8c yd., 2576 ft. curb 50c ft., 10,350 sq. ft. walk 18.5c ft., 583 sq. ft. gut. 20c ft., 5957 sq. yds. 5-in. mac. pave \$1.20 yd., 2250 sq. yds. 15-in. mac. pave, 10 in. corr., iron culv., with h. and headwalls, \$325, corr., iron culv., with headwalls, \$2400. Other bids: R. A. Wattson, \$19,867.68; Allied Constr. Co., \$23,470.33.

Geo. R. Curtis, Pav. Co., low at \$12,727.65 imp. 9th St., bet. Main St. and Moneta Ave., under Co. Imp. No. 176, involving 1112 cu. yds. excav. 75c yd., 4072 sq. yds. shape 8c yd., 4363 sq. ft. gut. 30c ft., 19 ft. curb 50c ft., 4072 sq. yds. 12-in. Natl. top \$1.15 yd., 4072 sq. yds. 3 1/2-in. asph. conc. base \$1.35 yd. Other bids: Braun, Bryant & Austin, \$13,313.07; Geo. M. Souter, \$13,687.87.

Braun Bryant & Austin, Box 477, Inglewood, low at \$15,108.36 imp. Linden St., bet. Myrtle and Hawthorne Aves., 996 ft. or 19 mi. under County Imp. No. 87, involving 1457 cu. yds. excav., 5356 sq. yds. shape 1988 ft. curb, 4334 sq. ft. gut. 7899 sq. ft. walk, 3560 sq. yds. 12-in. Natl. top, 3560 sq. yds. 3 1/2-in. asph. conc. base. Other bids: Geo. R. Curtis, Pav. Co., \$15,515.67; Chas. U. Houser, \$16,098.73.

Geo. R. Curtis Pav. Co., low at \$17,657.54 imp. Flower St., bet. s boundary of Inglewood and Hardy St., 25 mi. under County Imp. No. 128, involving 1683 cu. yds. excav., 80c yd., 4471 sq. yds. shape 9c yd., 2505 ft. curb 65c ft., 12,571 sq. ft. walk 20c ft., 5030 sq. ft. gut. 30c ft., 4471 sq. ft. 3-in. asph. conc. base \$1.30 yd., 4471 sq. yds. 2-in. Willite top \$1 yd. Other bids were: Geo. H. Oswald, \$18,668.74; Dunkle & Phillips, \$19,340.72.

J. T. Morrison, 701 E. 79th St., low at \$12,001.28 imp. Manchester Ave., bet. St. Andrews Pl. and Arlington Ave., 38 mi. under County Imp. No. 219, involving 4647 sq. yds. disint. gran. sub-base, 4425 sq. yds. cem. conc. pave. Other bids: J. Paul Benson, \$12,098.66; Grunwald & 1903 cu. yds. excav., 4647 sq. yds. shape, Tudor, \$12,187.18.

MANTECA, San Joaquin Co., Cal.—City trustees petitioned to organize sewer district within following boundaries: all of Highland and Blvd Addition and that portion of Park Addition No. 2 laying south of Virginia St.

EUREKA, Humboldt Co., Cal.—City Eng. Harry H. Hannah preparing spec. to grade and pave Union St. south of Harris St.

SAN FRANCISCO—E. C. Moran, 241 19th Ave., at \$3757 awarded cont. by Bd. Pub. Wks. to sewer Tucker Ave., bet. Alpha and Rutland Sts., involv. 800 ft. 8-in. sewer, \$4 ft.; 62 wye branches, \$1 ea.; 3 lampholes, \$15 ea.; 3 manholes, \$150 ea.

SAN FRANCISCO—T. M. Gallagher, 2165 Market St., at \$5714 awarded cont. by Bd. Pub. Wks. to grade and const. stairways in Vulcan St., bet. Ord and Levant Sts., involv. 951 cu. yd., \$1.05 cu. yd., 218 cu. yds. fill, \$1.05 cu. yd., stairway, \$3700 (total); 37 ft. railings, \$4 ft.

SAN FRANCISCO—City Construction Co., Call Bldg., awarded conts. by Bd. Pub. Wks. as follows:

At \$7,605.51 to imp. 25th St., bet. Rhode Island and Vermont Sts., involv. 400 cu. yds. cut \$1 cu. yd.; 110 ft. granite curb, \$95 lin. ft.; 500 ft. conc. curb, \$1 lin. ft.; 1395 sq. ft. walks, \$19 sq. ft.; 3 catchbasins, \$140 ea.; 90 ft. 10-in. culvers, \$250 ft.; 10,500 sq. ft. conc. pave, \$29 sq. ft.; 124 sq. ft. asph. conc. pave, \$29 sq. ft.

At \$2,471.60 to imp. crossing of Newhall and Palou Ave. and Palou Ave., bet. Third and Newhall Sts., involv. 350 cu. yds. cut, \$1.50 cu. yd.; 120 ft. conc. curb, \$115 ft.; 660 sq. ft. walks, \$20 sq. ft.; 5040 sq. ft. asph. conc. pave, \$29 sq. ft.; 1 catchbasin, \$140; 30 ft. 10-in. culvert, \$250.

At \$2302.87 to imp. Maynard St., bet. Mission and Congdon Sts., involv. 50 ft. granite curb, \$3 lin. ft.; 800 ft. asph. pave, \$50 sq. ft.; 8347 sq. ft. walks, \$21 sq. ft.

BAKERSFIELD, Kern Co., Cal.—Council authorizes plans prepared to resurface Baker St., bet. Jackson and Bernard Sts., with 2 1/2-in. Warrenite-Bit. surface. W. D. Clarke, city eng.

WATTS, Cal.—Approx. quantities for imp. of Lark St., bids for which will be rec. Dec. 22 (previously noted) are: 21,000 sq. ft. 5-in. conc. pave, \$450 ft. curb, 23,120 sq. ft. walk, 40 ft. 18-in. galv. iron culv., 3936 cu. yds. grade.

Quantities for imp. of Villa Ave., Diller and other sts. for which bids will be rec. Dec. 29 (previously noted), are not ready, but work involves 5-in. conc. pave, about 36 ft. wide on two sts. ea., 1200 ft. long; 4-in. conc. base with 2-in. asph. conc. surf., 36-ft. wide, on one st., 1200 ft. long; and 5-in. conc. base with 2-in. asph. surf. on one st., 1600 ft. long and 29 ft. wide.

BERKELEY, Alameda Co., Cal.—L. L. Page awarded cont. by council to imp. portions of Ada and California Sts., involv. const. conc. curb and gutter; grade and pave with oil macadam.

AWARD

SAN LEANDRO, Alameda Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, at \$651.60 awarded cont. by city trustees to const. 6-in. sewer in Parrott St. from existing manhole in Park St. to Carpenter St.; 1 manhole with wye branches; house sewers. Other bids were: Manuel Costa, \$817 (bid not considered, lacking certified check); T. E. Clinch, \$846; T. F. Geary, \$916; F. R. Ritchie, \$749; M. A. Lopes, \$655.

LOS ANGELES, Cal.—Chalmers & Ford, 532 H. W. Hellman Bldg., awarded cont. by bd. pub. wks. at \$43,381.03 for cem. conc. pave. (spec. section "C") curb, walk, 8-in. cem. conc. pave, oil and roll etc. in Central Ave., bet. e city limits and Lankershim Blvd.

SAN FRANCISCO—Municipal Construction Co., 112 Lyon St., at \$14,233.18 awarded cont. by Bd. Pub. Wks. to imp. Avalon Ave., bet. Mission and Lisbon Sts., involv. 11,200 sq. ft. conc. pave, \$25 sq. ft.; 25,970 sq. ft. 8-in. conc. base with 1 1/2-in. Willite bit. curb, \$34 lin. ft.; 22,426 sq. ft. walks, \$14 sq. ft.

SIGNAL HILL, Cal.—Geo. R. Curtis Pav. Co., 2440 E. 26th St., Los Angeles awarded cont. at \$68,225 to imp. Burnett, Cherry, Orange and other sts., involv. embank., excav., 2-in. Willite pave, on 4-in. asph. conc. base, walk, culvert.

GLENDALE, Cal.—John W. Henderson, 120 S. Glendale Ave., Glendale, sub. low bid to imp. Verde Oaks Dr., Verdugo Rd., Plumas St., Cherokee Lane, Oceola St., and Highline Rd., involv. 76,875 sq. ft. grade at 1/2c ft., 60,149 sq. ft. 3-in. mac. pave, 9c ft.; 288 ft. curb, 60c ft.; 12,588 sq. ft. walk, 16c ft.; 578 ft. headers incl. in pave, 2153 ft. 8-in. vit. sewer, \$1.40 ft.; 10 m. h., \$90 ea.; 3 jct. cham., \$90 ea.; 4 l. h., \$30 ea.; 47 hss. sewer cont., \$15 ea.; water pipe comp. (incl. 630 ft. 4-in. 12-in. 8-in. class "B" water pipe, 2 1/2 in. single fire hydrants), \$4350; orn. lights, \$820.

OAKLAND, Cal.—Until Dec. 31, 11:30 A. M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. Inyo Ave. from s. w. termination bet. E-24th St. and 24th Ave., involv. grading; paving; const. curbs, gutters and walks; conduit, lamphole and storm water inlet. 1911 Act. Cert. check 10% payable to City eng. Plans on file in office of clerk. W. W. Harmon, city engineer.

GLENDALE, Cal.—P. S. Tomich, 1211 Douglas St., Los Angeles, awarded cont. at \$29,107 for vit. sewer in Palmer Ave., Adams St., Crescent, Cornell, Cambridge and other Drives and Sts., under 1911 act.

FRESNO, Fresno Co., Cal.—Until Dec. 31, 10:30 A. M., bids will be rec. by H. S. Foster, city clerk, to imp. (24-D) Wilson Ave., bet. Weldon and Yale Aves., involv. grading; cem. conc. curbs, gutters and driveway approaches; cem. conc. walks; 3 1/2-in. asph. conc. base with 1 1/2-in. asph. conc. surface with liquid asph. and rock screenings surface coat. 1911 Act. Cert. check 10% payable to city eng. Plans on file in office of clerk. Wm. Stranahan, city engineer.

REDONDO BEACH, Cal.—O. U. Miracle, 227 Ave. D, Redondo Beach, awarded cont. at \$13,706 to imp. Pearl St., involv. 92,739 sq. ft. pave 9.5c ft., 6522 sq. ft. gut. 25c ft., 9471 sq. ft. walk 25c ft., 1874 ft. curb 70c ft.

LOS ANGELES, Cal.—L. A. Pav. Co., 2900 Santa Fe Ave., awarded cont. by bd. pub. wks. at \$35,915 to imp. Oxford Ave., bet. Beverly Blvd. and Third St., involv. Topeka pave, curb, walk, etc. Engr's est., \$36,879.82. Other bids: Geo. H. Oswald, \$36,303.44; Griffith Co., \$36,903.31; Geo. R. Curtis Pav. Co., \$39,111.75; Gibbons & Reed Co., \$40,670.03.

TURLOCK, Stanislaus Co., Cal.—City trustees, J. E. Ferguson, clerk, declares inten. (No. 120) to imp. Locust St., bet. Columbia and West Main Sts., and portion West Main St., involving grade and pave with 8-in. asph. conc. base with 1 1/2-in. Warrenite-Bit. surface; cem. conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Jan. 6. Horace Hall, city eng.

HAMPTON

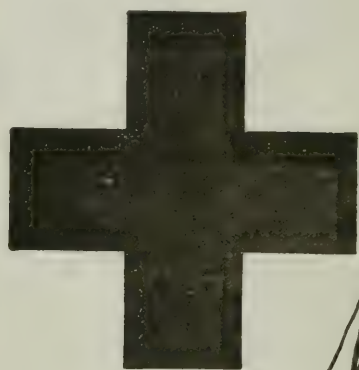
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sq. ft. 5,000 ft. armored cem. conc. curb, \$1 lin. ft.; 340 lin. ft. comb. arched curb, 10-in. base and gutters, \$140 lin. ft.; 37,800 sq. ft. cem. walks, \$18 sq. ft.; 815 lin. ft. 6-in. vit. pipe sanitary sewer, \$1 lin. ft.; 20 ft. 10-in. stand. wrought steel pipe, \$8 lin. ft.; 1300 lin. ft. 12-in. vit. pipe lateral sewer, \$30 lin. ft.; 1 for manholes, \$1000 each.

SANTA ROSA, Sonoma Co., Cal.—City council, C. B. Reid, clerk, declares intention (720) to imp. Bosley St., bet. Sebastopol and Barnett Sts., involving grading and reconst. existing water-bound macadam and surface with 3-in. Willite Process asphalt concrete pavement laid in one course; const. comb. hyd. cem. conc. curbs and gutters, 1911 Act & Bond Act 1915. Protests Jan. 6.

SAN MATEO, San Mateo Co., Cal.—City council, E. W. Foster, clerk, declares inten. (24-7) to imp. portions of Edgewood and Glendale Rds., involv. const. hyd. cem. conc. curb; pave with 1½-in. asph. surface on 4-in. hyd. cem. conc. base; br. manholes; 8-in. vit. pipe main sewer; vit. pipe lateral sewers; conc. catchbasins; 10-in. hyd. cem. conc. pipe storm drain, etc., 1911 Act & Bond Act 1915. Protests Jan. 5.

SANTA ROSA, Sonoma Co., Cal.—City council, C. B. Reid, clerk, declares inten. (720) to imp. 5th St., bet. Washington and B Sts., involv. grading and reconst. existing water-bound macadam and surface with 3-in. Willite Process asph. conc. pavement laid in one course; const. comb. hyd. cem. conc. curbs and gutters, 1911 Act & Bond Act 1915. Protests Jan. 6.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. portions of Shortridge Ave., San Fernando St., Whitton Ave., etc., involv. const. concrete curbs, gutters and walks, 1911 Act & Bond Act 1915. Protests Jan. 19. Wm. Popp, city eng.

STOCKTON, San Joaquin Co., Cal.—Bismenkrantz and Vernon, Stockton, at \$8072.50 awarded const. by supervisors to imp. Chas. Fox road near Lockeford. Kaiser Paving Co., American Bank Bldg., Oakland, at \$26,947 awarded const. to pave Duncan road.

PASADENA, Cal.—Ducey & Breitenstein, 151 S Hill Ave., Pasadena, sub. bid to city at \$11,753.82 for oil mac. pave, curbs, gutt., walks, in Locust St., bet. Allen Ave. and e city limits; 1911 act; H. R. Erdman bid \$13,130.49.

SANTA ANA, Cal.—Until 7:30 p. m. Jan. 5, bids will be rec. by city for imp. Orange Ave., bet. McFadden and E. Edinger Sts., and portions of Cypress Ave., involv. 110,328 sq. ft. 5-in. conc. pave., 110,954 sq. ft. conc. pave., 16 ft. curb, 2350 ft. 4-in. hse. sewers; 1915 act; E. H. Vegely, city clerk. Nat. H. Neff, city engr.

TULARE, Tulare Co., Cal.—Oakland Sewer Construction Co., 1003 85th Ave., Oakland, at \$72,818.45 bidding on vitrified pipe, awarded const. by city trustees to const. sewer system. Plans by Elrod Engr. Co., Mills-Fraser Bldg., Santa Monica. J. P. Williams, city eng. Work involves 14,290 ft. 6-in., 5825 ft. 8-in., 5190 ft. 10-in., 15,355 ft. 12-in., 1340 ft. 16-in., 3740 ft. 20-in., 6800 ft. 24-in. pipe; 1235 ft. 12-in., 100 ft. 16-in., 440 ft. 20-in. c. i. pipe; 150 manholes, 13,850 sq. ft. pavement cut and replaced. Following is complete list of bids received:

Oakland Sewer Construction Co., Oakland, \$72,818.45, \$72,755.20.
Chambers & DeGolyer, Oakland, \$74,440.95, \$75,555.60.
Fredericks & Bros., Stockton, \$83,732.20, \$83,714.05.
W. J. Tobin, Oakland, \$84,393.60, \$85,588.80.
Alfred E. Downer, Stockton, \$84,730.65, \$84,730.
Downer & Morn, Richmond, \$88,066.80, \$87,798.20.
O. K. Hearte, Pasadena, \$93,179.15, \$88,200.70.
Strand Bros., Bakersfield, \$93,759.90, \$88,402.63.
Heavey, Moore & McNair, Oakland, \$88,543.10, \$91,874.05.
Michael Murphy, Berkeley, \$88,713.95, \$80,185.
Merced Concrete Pipe Company, Merced, \$80,513.
Pernel Barnett, Orange, \$91,154.95, \$94,200.25.
Claude Fischer, Los Angeles, incomplete, \$94,751.45.
Thompson Bros., Fresno, \$96,805.35, \$94,921.80.

SANTA ROSA, Sonoma Co., Cal.—Until Jan. 6, 3 p. m., bids will be rec. by C. B. Reid, city clerk, to imp.: (No. 696) to imp. 2nd St., bet. Railroad Ave. and Davis St., involv. grading; reconst. existing water-bound macadam surface to form 4-in. water-bound macadam base; surface with 1-in. Willite process asph. conc. laid in 1-course; const. hyd. cem. conc. curbs and gutters.
(No. 700) to imp. E St., bet. 4th and 5th Sts., involv. grading; reconst. water-bound macadam surface to form 4-in. water-bound macadam base; surface with 3-in. Willite process asph. conc. pavement laid in one course; const. hyd. cem. conc. curbs and gutters.
(No. 704) to imp. Charles St., bet. Santa Rosa Ave. and Brown St., involv. grading; reconst. existing water-bound macadam surface to form 4-in. water-bound macadam foundation and surface with 3-in. Willite Process asph. conc. pavement.
All under 1911 Act and Bond Act 1915. Cert. check 10% payable to city req.

VALLEJO, Solano Co., Cal.—City council plans early paving of Sonoma Street; 6-in. concrete base will probably be provided. T. D. Kilkenny, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until Jan. 5, 3 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp.: 9th St., bet. Julian and Washington Sts., involv. grading; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters.

King St., bet. 1st and Orchard Sts., involv. grade; pave with 1½-in. Warrenton-Bit surface on 8-in. bit. conc. base; hyd. cem. conc. curb, gutter and walks; 2 hyd. cem. conc. storm water inlets 8-in. vit. pipe drains.

Old Market St., bet. Julian and Bassett Sts., involv. const. hyd. cem. conc. walks, curbs and gutters.

1911 Act & Bond Act 1915. Cert check 10% payable to city req. Plans on file in office of clerk Wm. Popp, city eng. (Continued on Page 34)

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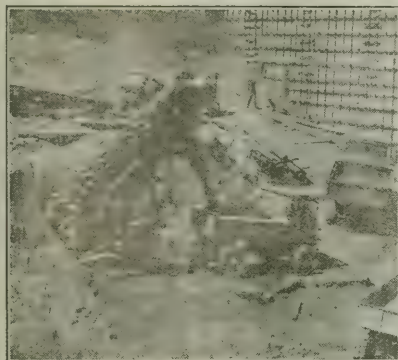
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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Am't.
5230	Sanborn	Leach	5600
5231	DeVencenzi	DeVencenzi	3000
5232	Williams	Owner	6000
5233	Merriman	Meyer	6000
5234	Grubb	Owner	3000
5235	Young	Kronquist	4000
5236	Pere	Hurley	3000
5237	Bennan	Erickson	2800
5238	Chan	Sampson	7500
5239	DeVencenzi	DeVencenzi	6000
5240	Kronquist	Owner	4000
5241	McCarthy	Arnott	6000
5242	Moeller	Meyer	9000
5243	Moeller	Meyer	8000
5244	Savage	Owner	18000
5245	Cox	Owner	15000
5246	Hall	Hamill	36000
5247	Arnott	Owner	5000
5248	Arnott	Owner	4000
5249	Arnott	Owner	16000
5250	Little	Little	10000
5251	Dalziel	Peterson	37500
5252	Shonchhai	Stevens	12265
5253	Nelson	Mangels	12829
5254	Sanborn	Rench	5600
5255	Kleinsorg	Kleinsorg	2500
5256	Dunn	Varney	5000
5257	Johnson	Owner	3000
5258	Kerrick	Owner	3500
5259	Robatto	Bourdieu	3000
5260	Schulze	Schneider	1500
5261	Muehlhardt	Bernhardt	3000
5262	Elkington	Owner	4000
5263	Magner	Holman	4000
5264	Hourhan	Owner	2500
5265	Wesbacher	Federal	1000
5266	Monahan	Weismann	1500
5267	Fazio	Owner	1000
5268	McDonald	Frattosa	1000
5269	Hansen	Owner	16000
5270	Bernhardt	Bernhardt	15000
5271	O'Brien	Kiernan	15000
5272	Raymond	Nelson	4311
5273	Papaglou	Weismann	3100
5274	Pacific	Forderer	21157
5275	Buru	Owner	4000
5276	Civic	Federal	2000
5277	Lercarl	Coburn	2000
5278	Mitten	Owner	6000
5279	Grosman	Owner	2000
5280	Echieve	Owner	1000
5281	Wesendunk	Wesendunk	6000

5282	Ferreri	Fetz	3000
5283	McHugh	Owner	1500
5284	Dastugue	Pene	1250
5285	Chan	Leonard	40000
5286	Krauskoff	Owner	8500
5287	Hjul	Hjul	15000
5288	Theodorelos	Glaser	1465
5289	Ashe	Meyer	18500
5290	Pacific	Rogers	2585
5291	Pacific	Dorward	1425
5292	Hagan	Hogan	4500
5293	Winan	Morse	2000
5294	Robertson	Owner	1000
5295	Smith	Owner	4000
5296	McKnight	Owner	3000
5297	Dyer	Owner	18000
5298	Pierce	Mason	8000
5299	Little	Owner	12000
5300	Knorp	Moller	15125
5301	Castagno	Ghezzi	18123
5302	Castagno	Sasso	2200
5303	Castagno	Wedel	1296
5304	Castagno	Macchetto	1250

DWELLING
(5233) E SIXTH AVE 75 S Judah.
One-story and basement frame dwelling.
Owner — Mrs. Jessie O. Sanborn, 3 Hugo St., San Francisco.
Architect—None.
Contractor—M. C. Rench, 38 Lyon St., San Francisco. \$5600

DWELLING
(5231) N FLOOD 75 E Detroit. One-story and basement frame dwelling.
Owner—G. Devencenzi, 300 Detroit St., San Francisco.
Architect—None.
Contractor—Devencenzi Bros., 1082 Union St., San Francisco. \$3000

DWELLINGS
(3232) SE PARIS 250 and 275 N Italy. Two one-story and basement frame dwellings.
Owner — Williams & Pfeiffer, 940 Geneva Ave., San Francisco.
Architect—None. \$3000 each

DWELLINGS
(5233) W TWENTY-SEVENTH AVE 225 and 250 E Taraval. Two one-story and basement frame dwlgs.
Owner—D. L. Merriman, % Contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000 each

DWELLING
(5234) N ARMY 200 W HAMPSHIRE. One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., S. F.
Architect—None. \$3000

DWELLING
(5236) W LAPHIDGE 300 N 19TH. One-story and basement frame dwelling.
Owner—A. E. Young, 957 Mission St., San Francisco.
Contractor—Alfred J. Kronquist, 725 Elizabeth St., S. F. \$4000

ALTERATIONS
(5236) 12 WOODLAND AVE. RE-model for flats (interior and exterior work).
Owner—Peter Rock, premises.
Architect—None.
Contractor—P. J. Hurley, 146 Herman St., S. F. \$3000

DWELLING
(5237) S HOLLY PARK 50 W MUR-ray. One-story and basement frame dwelling.
Owner—W. P. Bennan, 633 San Jose Ave., S. F.
Architect—Plans by owner.
Contractor—Henry Erickson, 1825 Church St., S. F. \$2800

ADDITIONS & ALTERATIONS
(5238) SW GEARY & STOCKTON Bldg. Construct additions for mezzanine floor, wiring, plumbing, ventilating, etc.
Owner—Nathan Dohrmann Co., premises.
Architect—Ashley & Evers, Holbrook Bldg., S. F.
Contractor—J. S. Sampson Co., Monadnock Bldg., S. F. \$7500

DWELLINGS (2)
(5239) E DETROIT 25 & 50 N FLOOD Ave. Two 1-story and basement frame dwellings.
Owner—G. Devencenzi, 300 Detroit St., San Francisco.
Architect—None.
Contractor — Devencenzi Bros., 1082 Union St., S. F. \$3000 each

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SURETY BONDS
CASUALTY

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DWELLING
(5242) NW HANOVER & LOWELL.
One-story and basement frame dwelling.
Owner—Alfred J. Kronquist, 125 Elizabeth St., S. F.
Architect—Plans by owner. \$4000

DWELLINGS (2)
(5241) N FLOOD AVE. 50 & 75 W Edna. Two 1-story and basement frame dwellings.
Owner—McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Jas. A. Arnott & Son, 235 Granville Way, S. F. \$3000 ea.

DWELLINGS (3)
(5242) W 39TH AVE. 29, 54 & 79 N Geary. Three 1-story and basement frame dwellings.
Owner—Gus Moeller, ex. contractors. Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$3000 each

DWELLINGS (2)
(5243) N GEARY 90 W 39TH AVE. NW Geary and 39th Aves. Two 1-story and basement dwellings.
Owner—Gus Moeller, ex. contractors. Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. \$4000 each

STORES
(5244) SW GEARY & ARGUELLO Blvd. Two-story frame stores.
Owner—W. A. Savage, 5745 Geary St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$18,000

DWELLINGS (3)
(5245) W 22ND AVE. 150, 175 & 200 S Judah. Three 1-story and basement frame dwellings.
Owner—Cox Bldg., Inc., 1309 9th Ave., San Francisco.
Architect—None. \$5000 ea.

FLATS (4)
(5246) W PIERCE 175, 200, 225 & 250 W Capra Way. Four 2-story and basement frame flats (2 flats in each building).
Owner—R. G. Hall, 835 Hyde St., S. F.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. \$9000 ea.

FLATS
(5247) W KENSINGTON 245 W Ulloa. Two-story and basement frame (2) flats.
Owner—Jas. A. Arnott, 235 Granville Way, S. F.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$5000

DWELLING
(5248) N PORTOLA DR. 95 W GRANVILLE. One-story and basement frame dwelling.
Owner—Jas. A. Arnott, 235 Granville Way, S. F.
Architect—None.
Contractor—Jas. A. Arnott & Son, 235 Granville Way, S. F.

DWELLINGS (4)
(5249) S STAPLES 175, 200, 225 & 250 E Edna. Four 1-story and basement frame dwellings.
Owner—Jas. A. Arnott, 235 Granville Way, S. F.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$4000 ea.

APARTMENTS
(5250) W 7TH AVE. 225 S JUDAH. Two-story and basement frame (4) apts.
Owner—John Little, 66 Sotello Ave., San Francisco.
Architect—None.
Contractor—John Little & Son, 66 Sotello Ave., S. F. \$10,000

ALTERATIONS
(5251) 556 MISSION ST. Interior finish to remodel lofts for dry goods and clothing quarters. Install passenger elevator, flooring, plumbing, etc.
Owner—Dalziel-Moller Co., 1666 Mission St., S. F.
Architect—Willis Lowe, Monadnock Bldg., S. F.
Contractor—Peter Peterson, 556 Mission St., S. F. \$37,500

STORES
W EMBARCADERO 4510' N HOWARD. One-story reinforced concrete stores.
Owner—Pope & Talbot Land Co., % architects.
Architects & Engineers—J. E. Krafft & Sons, Phelan Bldg., S. F. \$30,000
NOTE—Recorded contract reported Dec. 16, 1924; No. 5202.

ALTERATIONS
(5252) GRANT AVE. NEAR PINE. All work for alterations to Shanghai Restaurant and 3-story brick bldg. adjoining.
Owner—Shanghai Low Restaurant, 532 Grant Ave., S. F.
Architect—Shea & Shea, 454 Montgomery St., S. F.
Contractor—W. J. Stevens, 180 Jessie St., S. F.
Filed Dec. 18, 1924. Dated Dec. 16, 1924. First and 15th each month.....75%
Usual 35 days25%
TOTAL COST, \$12,265
Bond, \$6132.50. Sureties, The Aetna Casualty & Surety Co. Forfeit, none. Limit, Mar. 15, 1925. Plans and specifications filed.
NOTE—Permit reported Dec. 13, 1924 No. 5171.

RESIDENCE
(5253) N MONTEREY 60 W San Andreas, 60 on Monterey x 100, Lot 13, Blk. 3105-A, Map No. 3, St. Francis Wood Extension. All work for 2-story frame residence.
Owner—Wm. M. Nelson, 525 22nd Ave., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., S. F.
Contractor—Mangels Bros., 4792 Mission St., S. F.
Filed Dec. 18, 1924. Dated Dec. 12, 1924. Frame completed\$3207.25
1st coat plaster on3207.25
Completed and accepted3207.25
Usual 35 days3207.25
TOTAL COST, \$12,829
Bond, \$12,829. Sureties, Theresa Gamma, John A. F. Steinkie. Forfeit, none. Limit, 110 days. Plans and specifications filed.

DWELLING
(5254) E 6TH AVE. 75 S JUDAH S. 25 x E 95. One-story and basement frame dwelling.
Owner—Jessie O. Sanborn & Cecil McRae.
Architect—None.
Contractor—M. C. Rench, 1301 4th Av., San Francisco.
Filed Dec. 18, 1924. Dated Dec. 13, 1924. Frame up\$1400
Brown coated1400
Completed and accepted1400
TOTAL COST, \$5600
none. Limit, 90 days. Plans and specifications filed.
Bond, none. Sureties, none. Forfeit, none.

(5255) SE SILVER AV. 20 SW PINECTION. One-story and basement frame dwelling.
Owner—Henry B. Kleinsorg, 31 Virginia St., San Francisco.
Architect—Peter Kleinsorg, 31 Virginia St., San Francisco.
Contractor—Peter Kleinsorg, 31 Virginia St., San Francisco. \$2500

DWELLING
(5256) W SAN LEANDRO 115 S Monterey. One-story and basement frame dwelling.
Owner—C. S. Dunn, 860 Bush St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 860 Bush St., San Francisco. \$5000

DWELLING
(5257) W EIGHTH AVE 200 S Noriega. One-story and basement frame dwelling.

Owner—Gustaf Johnson, 1683 8th Ave., San Francisco.
Architect—None. \$3000

DWELLING
(5258) E FORTY-THIRD AVE 60 N Fulton. One-story and basement frame dwelling.
Owner—L. B. Kerrick, 105 21st Ave., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. \$3500

DWELLING
(5259) SW TWENTIETH AND POTRERO AVE. (rear). Two-story and basement frame dwelling.
Owner—Lorenzo Robatto, 623 Utah St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco.
Contractor—J. B. Bourdieu, 2625 20th St., San Francisco. \$3000

ALTERATIONS
(5260) NO. 607 FELL. Remodel for living quarters.
Owner—H. Schultz, 1942 Eddy St., San Francisco.
Architect—None.
Contractor—Joseph Schneider, 512 Fulton St., San Francisco. \$1500

ALTERATIONS
(5261) NO. 468 CASTRO. Concrete floor; new front; tile work, etc., for pork store.
Owner—John Mueller, 466 Castro St., San Francisco.
Architect—N. W. Mohr, 4405 20th St., San Francisco.
Contractor—A. Bernhardt, 2406 22nd Ave., San Francisco. \$3000

DWELLING
(5262) W THIRTY-FOURTH AVE 50 N Irving. One-story and basement frame dwelling.
Owner—Geo. J. Elkington, 1291 33rd Ave., San Francisco.
Architect—None. \$4000

BUILDINGS
(5263) N NAPOLEON 291 E Jerrold. Three one-story concrete paint plant buildings.
Owner—Magner Bros., Inc., 414 9th St., San Francisco.
Architect—M. Fisher, 713 Mission St., San Francisco.
Supt. of Constr.—E. Holman. \$8000

ALTERATIONS
(5264) 169 CRESCENT AVE., Remodel cottage for 2 flats.
Owner—Thomas Hourihan, 1811 Leavenworth St., S. F.
Architect—None. \$2500

SIGN
(5265) 557 MARKET ST. Electric sign.
Owner—Schwabacher Frey Co., premises.
Architect—None.
Contractor—Federal Electric Co., 91 New Montgomery St., S. F. \$1000

ALTERATIONS
(5266) 1137 GEARY ST. Remodel for dwelling, concrete foundation.
Owner—Jennie Monahan, 1137 Geary St., S. F.
Architect—None.
Contractor—L. M. Weissmann & Son, 4067 18th St., S. F. \$1500

EXTENSION
(5267) 88 BERNARD ST. EXTEND sun porch.
Owner—B. Fazio, 88 Bernard St., S. F.
Architect—None. \$1000

ADDITIONS
(5268) 729 CASTRO ST. Minor additions for (2) flats.
Owner—Miss McDonald, uremises.
Architect—None.
Contractor—Jos. Fratessa, 890 Girard St., S. F. \$1000

NOW READY FOR DELIVERY—
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Loose Leaves in Fabrikoid Covers \$3.50 Net, Postpaid. Same in Genuine Leather Covers \$5.50 Net, Postpaid.
Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

DWELLINGS (4)
(5249) NW ST. ROSA & SAN GABRIEL, N. St. Rosa 30, 60 & 90 W. San Gabriel. Four 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 485 Capitano Ave., S. F.
Architect—None. \$4000 ea.

DWELLINGS (5)
(5270) W 43RD AVE. 100, 125, 150, 175 & 200 S. Irving. Five 1-story and basement frame dwellings.
Owner—H. B. Bernhardt, 1350 29th Ave. San Francisco.
Architect—None.
Contractor—Bernhardt Building Co., 1350 29th Ave., San Francisco. \$3000 ea.

STORES
(5271) E CASTRO 227 S 17TH. One-story masonry force concrete store.
Owner—Richard J. O'Brien, Alexander Bldg., S. F.
Architect—Andrew H. Knoll, Hearst Bldg., S. F.
Architect—None.
Contractor—Kierman & O'Brien, Alexander Bldg., S. F. \$15,000

BUILDING
(5272) W 39TH AVE. 100 39TH AV. All work for frame building.
Owner—J. N. Raymond, 114 Belvedere St., S. F.
Architect—None.
Contractor—Henry S. Nelson, 689 6th Ave., S. F.
Filed Dec. 19, 1924. Dated Dec. 10, 1924.
When roof is in 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$4311
Bond, \$3000. Sureties, Henrietta Nelson. Forfeit, none. Limit, 120 days. Specifications, none. Plans, none.

ALTERATIONS
(5273) E CASTRO 170 N 18TH N 25 x 125. Alterations of flat into store.
Owner—Gregory Fallgout, 509 Castro St., S. F.
Architect—L. M. Weismann & Son, 4067 18th St., S. F.
Contractor—Lewis M. Weismann & Son, 4067 18th St., S. F.
Filed Dec. 19, 1924. Dated Oct. 14, 1924.
Building supported and girders in \$775
Brown coated 775
Completed 775
Usual 35 days 775
TOTAL COST, \$3100
Bond, none. Sureties, none. Forfeit, none. Limit, 45 days after Oct. 20, 1924. Specifications, none. Plans, none.

METAL WORK
(5274) E MARKET & BEALE NE 137-6 x SE 138-2. Sheet metal work for new general office bldg.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—Forderer Cornice Works, 16th & Potrero Ave., S. F.
Filed Dec. 19, 1924. Dated Dec. 11, 1924.
Payments monthly 75%
Usual 35 days 25%
TOTAL COST, \$21,157.50
Bond, \$10,580. Sureties, United States Fidelity & Guaranty Co. Forfeit, none. Limit, none. Plans and specifications, none.

RESIDENCE
(5275) N ULLOA 32-6 W 24th Ave. One-story and basement brick and tile residence.
Owner—C. B. Buru, 1327 Leavenworth St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$4000

ELECTRIC SIGN
(5276) NO. 1143 MARKET. Electric sign.
Owner—Civic Center Market, Premises.
Architect—None.
Contractor—Federal Electric Co., 31 New Montgomery St., S. F. \$2000

ALTERATIONS
(5277) NO. 2350 SAN BRUNO AVE. Tar and gravel roofing; plastering, tinting, painting, etc., for dwlg.
Owner—E. Lercari, Premises.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. \$2000

DWELLING
(5278) S DAY 230 W Sanchez. One-story and basement frame dwlg.
Owner—Jos. S. Mitten, 2772 22nd St., San Francisco.
Architect—None. \$3000
DWELLING
(5279) W NEWTON 225 S Morse. One-story and basement frame dwlg.
Owner—W. E. Grossman, 47 Curtis St., San Francisco.
Architect—None. \$3000

PERMITS
STEPS
(5280) NO. 633 IRVING. Construct steps.
Owner—Richard Schieve, 1252 4th Ave., San Francisco.
Plans by Owner. \$1000

DWELLINGS
(5281) S FLOOD AVE 100 and 125 E Detroit. Two one-story and basement frame dwellings.
Owner—A. A. Wesendunk Jr., 1747 Dolores St., San Francisco.
Architect—A. A. Wesendunk & Sons.
Contractor—A. A. Wesendunk & Sons, 1747 Dolores St., S. F. \$3000 ea

DWELLING
(5282) S WILDE AVE 125 N Rutland. One-story and basement frame dwelling.
Owner—Angelina Ferreri, 451 Harkness St., San Francisco.
Architect—None.
Contractor—Philipp Feiz, 460 Wilde Ave., San Francisco. \$3000

ALTERATIONS
(5283) NO. 3754-58 SEVENTEENTH St. Foundation and make minor repairs for apartment flats.
Owner—Michael J. McHugh, 1133 Sanchez St., San Francisco.
Architect—None. \$1500

(5284) NO. 761 BROADWAY. Repairs to store.
Owner—Mrs. J. Dastugue, 923 Broadway, San Francisco.
Architect—None.
Contractor—G. Fene, 253 Brussels St., San Francisco. \$1250

DWELLINGS (5)
(5285) E CERRITOS AVE. 238 - 288 Ocean Ave. S. Cerritos Ave. 60 E Lunada Way. N Moncada Way 60-110 E Junipero Serra Blvd. Five 2-story and basement frame dwlg. Owner—Urban Realty Improvement Co., 141 Montgomery St., S. F.
Architects & Contractors—Leonard & Holt, 41 Montgomery St., S. F. \$8000 each

(5286) N GROVE 104-3 W Cole. Two-story and basement frame (2) flats.
Owner—H. F. Krauskoff, 384 Dolores St., S. F.
Architect—None. \$8500

FACTORY
(5287) N SACRAMENTO 70 E BATTERY. Three-story concrete factory.
Owner—J. H. Hjul, 128 Russ St., San Francisco.
Engineer & Contractor—J. H. Hjul, 128 Russ St., S. F. \$15,000

BAKE OVEN & CHIMNEY
(5288) NO. 3893 SACRAMENTO. One-Glaser direct firing brick bake oven and chimney.
Owner—D. W. Theodorelos, 3983 Sacramento St., S. F.
Contractor—J. P. Glaser, 180 Jessie St., San Francisco.
Filed Dec. 22, 1924. Dated Dec. 8, 1924.
Bake oven completed \$1065
30 days after completion 100
60 days after completion 100
90 days after completion 100
120 days after completion 100
TOTAL COST, \$1465
Bond, none. Sureties, none. Forfeit, none. Limit, none. Specifications, none. Plans, none.

NOTE—Permit reported under name of owner as Old Home Pastry Co., Nov. 13, 1924; No. 4724.

APARTMENTS
(5289) NE MISSION & LIZZIE N 35 x E 79. All work except electric water heaters, wall beds on 2-story frame building (stores and apartments).

Owner—Matthew D. Ashe, 3415 Mission St., S. F.
Architect—Gustave Stahlberg, Flatiron Bldg., S. F.
Contractor—Meyer Bros., 1 Montgomery St., S. F.
Filed Dec. 22, 1924. Dated Dec. 22, 1924.
Roof boards on and building enclosed \$4625
Brown coated 4625
Completed and accepted 4625
Usual 35 days 5625
TOTAL COST, \$18,500
Bond, \$9250. Sureties, Anna & Theodore G. Meyer. Forfeit, none. Limit, 90 days. Plans and specifications filed.

WELL & PUMP
(5290) 140 NEW MONTGOMERY ST. All work for deep well and motor driven deep well pump for coast division building.
Owner—The Pacific Telephone & Telegraph Co., 446 Sutter St., S. F.
Architect—Miller, T. L. Plueger and A. A. Cantin, Lick Bldg., S. F.
Contractor—J. B. Rogers, 1100 Sutter St., S. F.
Filed Dec. 22, 1924. Dated Dec. 13, 1924.
On first of each month 75%
36 days after 25%
TOTAL COT, \$2585.
Bond, sureties, forfeit, limit, none. Specifications filed. Plans not filed.

(5291) DEEP WELL PUMPING UNIT on above.
Contractor—Dorward Pump Co., 417 Market St., S. F.
Filed Dec. 22, 1924. Dated Dec. 17, 1924.
Payments same as above.
TOTAL COST, \$1425.
Bond, sureties, forfeit, limit, none. Specifications filed. Plans not filed.

FLATS
(5292) E EIGHTH AVE 250 S Irving. Two-story and basement frame (4) flats.
Owner—Mrs. J. D. Hogan, 1342 8th Ave. San Francisco.
Architect—None.
Contractor—J. D. Hogan, 1342 8th Ave. San Francisco. \$4500

DWELLING
(5293) W FLORA 75 S Bayview. One story and basement frame dwelling.
Owner—A. D. Winan and wife.
Architect—None.
Contractor—Morse & Morrison, 1765 Franklin St., Oakland. \$2000

ALTERATIONS
(5294) E MORRIS 140 N Bryant St. Raise; under pin and remodel structure for storage quarters.
Owner—J. E. Robertson, 659 20th Ave., San Francisco.
Architect—None. \$1000

DWELLING
(5295) W THIRTY-FOURTH AVE 100 S Lincoln Way. One-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. \$4000

DWELLING
(5296) S CASTENADA BET. WHITTIER and Oliver. 1-story and basement frame dwelling.
Owner—W. R. McKnight, 34 Whittier St., S. F.
Architect—Plans by Owner. \$3000

RESIDENCE
(5297) 380 EDGEHILL WAY. Two-story and basement frame residence.
Owner—Geo. H. Dyer, 11 San Benito Way, San Francisco.
Architect—Dyer Bros. \$18,000

FLATS
(5298) N FRANCISCO 175 E DIVISADERO. Two-story and basement frame (2) flats.
Owner—Mabel Pierce, 925 Pierce St., San Francisco.
Architect—Ed. Munson Sharpe, 60 Sansome St., S. F.
Contractor—Mason & Pierce, 1611 Valjejo St., S. F. \$3000

DWELLINGS (3)
(5299) S FAHLEGRO 82-6 107-6 & 182-6 E 10th Ave. Oakland. Three 1-sto. and basement frame dwlg. Owner—Little-Christensen, 1442 8th Ave., S. F.
Architect—None. \$4000 each

BUILDING

(5300) E BATTERY 29-10% S CLAY.
Two-story and basement class C
concrete bldg.
Owner—Albert F. Knorr, Hobart Bldg.
San Francisco.
Architect—Baumann & Jose, 251 Kear-
ney St., San Francisco.
Contractor—Moller & De Luca, 185
Stevenson St., S. F.
Filed Dec. 23, 1924. Dated Nov. 21, 1924.
Poured to 1st floor line and 1st
floor joist in place \$1573
Concrete walks poured 3225
Brown coated 3225
Completed and accepted 3225
Usual 35 days 3225
TOTAL COST, \$15,125

Bond, none. Sureties, J. J. Bell &
R. W. Moller. Forfeit, none. Limit,
none. Plans and specifications filed.
NOTE—Permit reported Nov. 24, 1924.
No. 4892.

FRAME BLDG.

(5301) N VALLEJO 180 W Larkin
12-10 x 12-10. All work except
plumbing, electric and painting
work, finish hardware, wall paper,
light fixtures and shades for 3 &
2-story and basement frame bldg.
Owner—Giuseppe Castagno, 557A
Greenwich St., S. F.
Architect—Italo Zanolini, 604 Mont-
gomery St., S. F.
Contractor—G. Ghezzi, 82 Valparaiso
St., S. F.
Filed Dec. 23, 1924. Dated Dec. 10, 1924.
Framing, rustic and sheath-
ing complete and roof on \$4533
Brown coated 4530
Completed and accepted 4530
Usual 35 days 4530
TOTAL COST, \$18,123

Bond, \$9130.50. Sureties,
Casualty Co. Forfeit, \$500. Limit, 120
days. Plans and specifications filed.
NOTE—Permit reported Nov. 28, 1924.
No. 4949.

(5302) PLUMBING ON ABOVE.

Contractor—Frank Sasso, 533 Vallejo
St., San Francisco.
Filed Dec. 23, 1924. Dated Dec. 10, 1924.
Piping, sewer and drains in-
stalled \$825
Completed and accepted 825
Usual 35 days 550
TOTAL COST, \$2200

Bond, sureties, forfeit, none. Limit, 120
days. Plans and specifications filed.

(5303) ELECTRIC WORK ON ABOVE.

Contractor—Wedel Electric Co., Russ
Bldg., S. F.
Filed Dec. 23, 1924. Dated Dec. 10, 1924.
Wiring installed \$486
Completed and accepted 486
Usual 35 days 486
TOTAL COST, \$1296

Bond, sureties, forfeit, none. Limit, 120
days. Plans and specifications filed.

(5304) PAINTING ON ABOVE.

Contractor—Sacocchino Macchetto, 1151
Grant Ave., S. F.
Filed Dec. 23, 1924. Dated Dec. 10, 1924.
2nd coat finished \$468.75
Completed and accepted 468.75
Usual 35 days 312.50
TOTAL COST, \$1250

Bond, sureties, forfeit, none. Limit, 120
days. Plans and specifications filed.

Dec. 17, 1924—SW NAYLOR 33.34 NW
Baltimore Way NW 33.33 SW 95.74
S 35° 52' 43" E 31.43 N 51° 25' 44"
E 97.83 Ptn Lots 19 and 20 Blk
6453, Crocker Amazon Tract Sub 2.
Crocker Estate Co. to whom it may
concern Dec. 9, 1924

Dec. 17, 1924—N BROADWAY 37-6
W Octavia W 68-9xN 137-6. The
Heights to J. E. O'Mara Co., Henry
Jacks and W. K. Irvine, Henry
Jacks and W. K. Irvine, Wm. F. Wil-
son Co. and Royal Floor Co.
Dec. 12, 1924

Dec. 17, 1924—NW FELL AND MA-
sonic Ave No. 1900 Fell, Charles
W. Hebban to John Casty & Son
..... Dec. 15, 1924

Dec. 17, 1924—S BALBOA 82-6 W
21st Ave W 25xS 100. C T and
Mabel Magill to whom it may con-
cern Dec. 16, 1924

Dec. 17, 1924—S FINE 137-6 W Tay-
lor W 43xS 137-6. Madge H. Fish
to Maundrell & Bowen. Dec. 13, 1924

Dec. 17, 1924—E TWENTY-EIGHTH
Ave 90 N Anza N 80xS 120. J.
Claude Perry to Thomas Hanall.
Dec. 4, 1911

Dec. 19, 1924—NE POST & POWELL
N 137-6x E 162-9. Wm M and Mary
E Fitzhugh to Malott & Peterson.
Dec. 2, 1924

Dec. 19, 1924—MARKET 125 S. F. Hig-
Whistle Co Consolidated to Antone
Lettich and L. E. Emanuel, Inc.
Dec. 13, 1924

Dec. 19, 1924—COMO AT INT SE 7th
and SE 100 N Pearl with Howard
117 NW 100 SW 117. I. M. H. E. and
S. H. Cowell to Barrett & Hilp.
Dec. 16, 1924

Dec. 18, 1924—E GREENWICH 136-6 W
Baker W 25x100. Elizabeth A. and
Robert W. Best to S. B. Davis.
Dec. 2, 1924

Dec. 18, 1924—E TENTH AVE 100 S
Ortega S 75x120. John B. Holland
to J. C. Littlepage. Nov. 15, 1924

Dec. 18, 1924—N ROLPH 103 W
Madrid No. 179 Rolph. Arthur L.
Campbell to whom it may concern
..... Dec. 1, 1924

Dec. 18, 1924—S BAY 98-9 E Gough
Pereira. Dec. 11, 1924

Dec. 18, 1924—W BUCHANAN 34-6 N
Ferry N 30W 90. F. M. and
Jennie Paulson to Joel Johnson &
Son. Dec. 18, 1924

Dec. 18, 1924—SE DELANO AVE. &
NW Seneca Ave. SE 23 x NE 80.
A. De Benedetti to whom it may
concern Dec. 12, 1924

Dec. 18, 1924—W WALNUT 56-8x S
Washington S 41 x W 67-6. Remo
E. Sbarboro to whom it may con-
cern Dec. 15, 1924

Dec. 18, 1924—E SHOTWELL 239 S
20th 24 x 122-6. Robert Anderson
to whom it may concern. Dec. 18, 1924

Dec. 18, 1924—N PARALANES 565
E Orizaba E 50 x N 125 Ptn Lots
8 and 9 Blk L Railroad Hd Assn.
Frederick M. Hale & Elmer C. &
Munel A. Reese to A. H. & H. J.
Ohlsen Dec. 17, 1924

Dec. 18, 1924—N 25 FT. LOT 12 & S
15 ft. Lot 13 Blk 3252 Map Balboa
Terrace. Wm. R. Johnston to D. W.
Russ. Dec. 1, 1924

Dec. 19, 1924—COMMENCING 710 N
85° 40' E 135° N 4° 20' W from
intersection SE Humboldt and
Georgia N 4° 20' W 25 N 85° 40' E
120 S 4° 20' E 25 S 85° 40' W 120
m or l to pt. of beginning. Pacific
Gas & Electric Co. to George Win-
deler Co. Dec. 12, 1924

Dec. 19, 1924—E 23RD AVE. 275 N
Geary N 25 x E 120. H. O. Linde-
man to W. R. Lindeman. Dec. 18, 1924

Dec. 19, 1924—W 33RD AVE. 176 N
Cabrillo N 25 x W 120. El O.
Lindeman to W. R. Lindeman.
Dec. 10, 1924

Dec. 19, 1924—E CASTRO 170 N
18th N 25 x 125. Gregory Palio-
lou to Louis M. Weismann & Son.
..... Dec. 18, 1924

Dec. 19, 1924—LOTS 8, 9, 10. BLK.
3082 Map Blks. 3080 to 3085 West-
wood Highlands. Hans and Esther
E. Nelson to whom it may con-
cern Dec. 18, 1924

Dec. 19, 1924—E 33RD 125 S Balboa
S 50 x E 120. David Leigh to
whom it may concern. Dec. 18, 1924

Dec. 22, 1924—NE QUESA AVE. 350
NW Lane NW 25 x NE 100 ptn.
Lot 12 Blk. 329 South S. F. Hd. and
R. R. Assn. C. P. and Rose M.
Joorissen to Romines Construction Co.
..... Dec. 18, 1924

Dec. 22, 1924—SE MARKET 302-5x
SW Noe SW 32-10x S 118-10x E
15 N 30 E 110-2. John Lutich
to whom it may concern. Dec. 22, 1924

Dec. 22, 1924—SW 27th and SAN
Jose Ave. Calvin R. Suttler to
Ward C. Brown. Dec. 18, 1924

Dec. 22, 1924—E HOWARD AND 7TH
SE 100 x NE 117. M. Cowell,
H. E. Cowell and S. H. Cowell to
San Francisco Elevator Co.
Dec. 18, 1924

Dec. 22, 1924—LOT 9 BLK. E MIS-
sion Terrace. Walter E. Hansen
to whom it may concern Dec. 19, 1924

Dec. 22, 1924—W 34TH AVE. 75 N
Cabrillo N 25 x W 82-6. J. F.
Dowling to whom it may concern
..... Dec. 22, 1924

Dec. 20, 1924—SE PACIFIC AVE &
Pierce E 50xS 127-8x4. Elise A.
Drexler to Grace & Bernieri.
Dec. 18, 1924

Dec. 20, 1924—NO 3014 TWENTY-
fifth St. W C Clark to Bruce &
Ash. Dec. 1, 1921

Dec. 20, 1924—N FULTON 89.22 W
Third Ave 30-3x95. Mrs. Ruth
Buschke to Buschke & Brown.
Dec. 18, 1924

Dec. 20, 1924—E SCOTT 100.12 N
Chestrut N 25 x E 100.12x100
Ptn Marina Arden to Meyer Bros
to whom it may concern. Dec. 19, 1924

Dec. 19, 1924—SW COR. MUNICH
and Ralph 25 x 100. F. G. Pfeiffer
to whom it may concern. Dec. 18, 1924

Dec. 19, 1924—LOTS 10 AND 8, BLK.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY

(THE SAN FRANCISCO BANK)

SAVINGS INCORPORATED FEBRUARY 10th, 1868. COMMERCIAL

One of the Oldest Banks in California,

the Assets of which have never been increased

by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 CALIFORNIA STREET, San Francisco, Cal.

JUNE 30th, 1924

Assets \$93,198,226.96
Capital, Reserve and Contingent Funds 3,900,000.00
Employees' Pension Fund 446,024.41

MISSION BRANCH Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH Clement St. and 7th Ave.
HAIGHT STREET BRANCH Haight and Belvedere Streets
WEST PORTAL BRANCH West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4 1/4) per cent per annum,
COMPUTED MONTHLY AND COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Dec. 17, 1924—NO. 7115 GEARY ST.
Maria Devoti to Thomas M. Jones
..... Sept. 10, 1924
Dec. 17, 1924—N CLEMENT 32-6 W
24th Ave W 25x100. Frank and
Mary V. Dittmann to C. T. Magill.
..... Dec. 16, 1924
Dec. 17, 1924—NW BATTERY RD
Sacramento W 275xN 119-6. Fed-
eral Reserve Bank of S. F. to Sar-
torius Company. Dec. 15, 1924
Dec. 17, 1924—E THIRTY-SECOND
Ave 200 N Henry N 85xS 120. E.
Eaton to Moore Constr Co.
Dec. 12, 1924
Dec. 17, 1924—S LIBERTY 155 E
Church E 89-6xS 114. David Woer-
ner to Alexander Coleman, Moore &
Madsen and D. H. Dinsky & Sons.
..... Dec. 8, 1924
Dec. 17, 1924—LOT 5 BLK. 6453,
Crocker Amazon Tract Sub 2.
Crocker Estate Co. to whom it may
concern Dec. 9, 1924

3982 Map Bk 3080 to 3085, Westwood Highlands. Hans and wife, Esther E. Nelson to whom it may concern. Dec. 19, 1924
 Dec. 19, 1924—W 33RD AVE. 150 N. Cabrillo N 25 W 120. H. O. Lindeman to W. R. Lindeman. Dec. 17, 1924
 Dec. 19, 1924—N GEARY 82-6 W 34th Ave W 50XN 100. Wm McDonald to Thos Hamill. Dec. 19, 1924
 Dec. 19, 1924—235 S LANE ON E-side Shafter Ave. Spiro Zammit to Philip Feiz. Dec. 18, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
 Dec. 20, 1924—W HARRISON AND Seventh NW 30XSW 85. J S Guerin & Co vs Katherine Hobbs and Sarah L. Horton and W J Jackson. Dec. 18, 1924—LOT 94 Demartini Tct. Christensen Lumber Co vs Fred Kenner and Jas Tiscornia. \$1014.12
 Dec. 18, 1924—N GREEN 182-6 S. Octavia W 20-4XN 137-6. K. E. Lerner Wall Bed Co vs David Broderick Murphy & McCauley & Weber. \$112.25
 Dec. 18, 1924—LOT 94 Map of Unit Tract. D G La Ferla vs James or Ciriolano Tiscornia and R A Kenner. \$125
 Dec. 18, 1924—SW APPLETON AVE. 300 SE Patton SE 50 SW 94-3. NW 50 m or 1 NE 101-6 Ptn Bk 2 Holly Park Tr. P. Johnson vs Adolph W. Schroeter. A. D. McDonald. \$46
 Dec. 7, 1924—N GREEN 183-2 W Octavia W 29-4XN 137-6. Sibley Grading & Teaming Co vs McCauley & Weber and David C B Murphy. \$23.45
 Dec. 2, 1924—NE BRYANT & CHELSEA E 35 X N 45. Emil Hogberg vs John Botman, Margaret A. Keane, Mary E. Healy & Thos. H. Keane. \$312.50
 Dec. 22, 1924—NW CHELSEA E 35 X N 45. W Bryant 26 W 90 N 4 W 25 S 0 to N Chesley E 115. Sibley Grading & Teaming Co. vs John Boltman, Margaret A. Keane, Mary E. Healy & Thos. E. Casey. \$88
 Dec. 22, 1924—1850 GREEN BET. Octavia & Laguna. Antonia F. Briseno vs. C. B. Murphy. \$103.93

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
 Dec. 20, 1924—N FARRALLON 250 E Capitol E 25XN 125 Lot 6 Bk M, Railroad Hd Assn. The Greater City Lumber Co to Edgar Munson and Ruth Kott. \$7th and 8th N. 1167-1169 and 1171 Market 45 on Market by S 109. Pioneer Plate & Window Glass Co to The Rosenblatt Co. \$27-6 S 20th S 25 X E 100. Thomas Brown to Peter G. and Sadie G. Harris. \$18-24 N JOOST 200. Hamburg E 25 X N 100. The Greater City Lumber Co. to G. E. and Helen Holman. \$

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5561	Talbot	Pearson	3500
5562	Gillespie	Carr	2650
5563	Doane	Smith	4500
5564	Chase	Chase	5000
5565	Ament	Ahnefeld	27350
5566	Anderson	Owner	2700
5567	Murphy	Owner	5000
5568	Martin	Wilson	7200
5569	Patton	Sheridan	1850
5570	Avis	Fox	4000
5571	Van Linge	Van Pleet	6550
5572	Hooper	Hooper	6000
5573	Miller	Owner	4500
5574	Jones	Jones	1500
5575	Whitehouse	Owner	3500
5576	Atkinson	Owner	1000
5577	Rogers	Owner	3200
5578	Belway	Owner	2400

5579	Webster	Owner	10000
5580	Geierl	Owner	125300
5581	Golden	Owner	60000
5582	Reis	Zwaal	3675
5583	Egbert	Welfold	6000
5584	Johnson	Pauge	5500
5585	Perry	Owner	2000
5586	Asato	Lewis	6000
5587	Dynes	Owner	3100
5588	Alexander	Stocks	1000
5589	Boonville	National	5500
5590	Ware	Lyan	2840
5591	Barr	Barr	6000
5592	Leekins	Owner	3250
5593	Consumers	Owner	5000
5594	Kalman	Ortzw	8250
5595	Burr	Owner	3500
5596	Lieby	Owner	3000
5597	Williams	Heath	3500
5598	Felt	Felt	2500
5599	Brown	Knight	25000
5600	California	Parker	15000
5601	Gresham	Squires	5000
5602	Morgenson	Owner	5000
5603	Blodgett	Blodgett	3000
5604	Coads	Owner	3400
5605	Linthe	Wieben	5000
5606	Fennelley	Owner	3200
5607	Hart	Owner	3350
5608	Hart	Stewart	2500
5609	Griswold	Baird	5900
5610	Mather	Owner	1100
5611	Lund	Anderson	1100
5612	Bunting	Owner	3000
5613	Young	Ahnefeld	1000
5614	Short	Short	5500
5615	Brookes	Brookes	4000
5616	Cott	Owner	2800
5617	Heinschach	Owner	3600
5618	Abel	Owner	3250
5619	Lundquist	Burton	2000
5620	Shepherd	Owner	1000
5621	MacDonald	Owner	3000
5622	Damgaard	Owner	2000
5623	Woodburn	Owner	15000
5624	Elks	Knowles	850000
5625	Tanninlin	Owner	2800
5626	Kane	Shade	4000
5627	Hayes	Sorenson	3500
5628	Higgins	Owner	4840
5629	Ambuhl	Owner	3500
5630	Shepard	Owner	4000
5631	Shane	Power	1100
5632	Pope	Owner	3500
5633	Erbrick	Owner	2400
5634	Melrose	Petersen	1500
5635	Melrose	Petersen	2500
5636	Bell	Owner	2850
5637	Stringer	Owner	3650
5638	Graves	Owner	3700
5639	Dunmire	Hansford	1000
5640	Cott	Owner	200000
5641	Mercantile	Owner	15000
5642	Associated	Andersen	11487
5643	Beer	Smith	9000

DWELLING
 (5561) NO. 3 ROCK LANE, Berkeley. One-story 5-room dwelling.
 Owner—Geo. Talbot, 916 Santa Barbara Road, Berkeley.
 Architect—None.
 Contractor—Ben Pearson, 2403 Grant St., Berkeley. \$3500

DWELLING
 (5562) NO. 1639 BLAKE, Berkeley. One-story 4-room dwelling.
 Owner—Mrs. Gillespie, 1609 Parker St., Berkeley.
 Architect—F. Carr, 2341 35th Ave., Oakland.
 Contractor—F. Carr, 2341 35th Ave., Oakland. \$2650

DWELLING
 (5563) NO. 1756 CAPISTRANO ST., Berkeley. One-story 5-room dwlg.
 Owner—F. Doane, 1720 Tacoma St., Berkeley.
 Contractor—J. Harry Smith, 855 The Alameda, Berkeley.
 Contractor—J. Harry Smith, 855 The Alameda, Berkeley. \$4500

DWELLING
 (5564) NO. 1677 ARCH ST., Berkeley. One-story 6-room concrete dwlg.
 Owner—Mrs. E. Chase, 1629 Arch St., Berkeley.
 Architect—E. Chase, 1629 Arch St., Berkeley.
 Contractor—E. Chase, 1629 Arch St., Berkeley. \$5000

APARTMENTS
 (5565) NO. 2529-31-33-35 REGENT ST., Berkeley. Two-story 32-room frame apartment.
 Owner—F. Ament, Berkeley.
 Architect—None.
 Contractor—Harry Ahnefeld, 1619 Marin Ave., Berkeley. \$27,350

DWELLING & GARAGE
 (5566) W 58TH AVE., 920 S EAST 14th St., Oakland. One-story 4-rm. dwelling and garage.
 Owner—A. Anderson, 3212 Florida St., Oakland.
 Architect—None. \$2700

STORES & SHOP
 (5567) 7515 E. EAST 14TH ST., OAKLAND. One-story shores and shop.
 Owner—Murphy & Murphy, 6927 East 14th St., Oakland.
 Architect—None. \$5000

DWELLINGS (2)
 (5568) 2614-2620 6TH AVE., OAKLAND. Two 1-story 5-room dwlgs.
 Owner—C. T. Martin.
 Architect—None.
 Contractor—T. J. Wilson, 1997 66th Ave. Oakland. \$3600 ea.

ALTERATIONS
 (5569) 2840 SUMMIT ST., OAKLAND. Alterations to apartments.
 Owner—Mary E. Patton, 2838 Summit St., Oakland.
 Architect—None.
 Contractor—Robert E. Sheridan, 1014 Webster St., Oakland. \$1850

DWELLING
 (5570) N RONADA AVE., 225 S Montecello Ave., Oakland. One-sto. 5-room dwelling.
 Owner—Chas. R. Avis, Rand Ave., Oakland.
 Architect—None.
 Contractor—Fox Brothers, 1926 University Ave., Berkeley. \$4000

ALTERATIONS
 (5571) 2241 84TH AVE., OAKLAND. Alterations.
 Owner—G. A. Van Linge, 2241 84th Av. Oakland.
 Architect—None.
 Contractor—Van Fleet Frear Co., 657 Howard St., S. F. \$1650

DWELLING
 (5572) E MATTHEWS RD., 120 S Cavanaugh Rd., Oakland. Two-story 6-room dwelling.
 Owner—Dorothy G Hooper, 5230 Market St., Oakland.
 Architect—None.
 Contractor—W. H. Hooper, 5230 Market St., Oakland. \$6000

DWELLING
 (5573) NE COR. SEMINARY & AVENAL Aves., Oakland. Two-story 8-room dwelling.
 Owner—H. C. Miller, 2500 Seminary Ave., Oakland.
 Architect—None. \$4500

ADDITION
 (5574) 730 ALCATRAZ AVE., OAKLAND. Addition.
 Owner—Anna J. Jones, 730 Alcatraz Ave., Oakland.
 Architect—None.
 Contractor—Owen E. Jones, 601 Oakland Bank Bldg., Oakland. \$1500

DWELLING
 (5575) 3815 ELSTON AVE., OAKLAND. One-story 5-room dwelling.
 Owner—J. F. Whitehouse, 124 Moraga Ave., Piedmont.
 Architect—None. \$3500

WAREHOUSE
 (5576) S CHAPMAN ST., 72 W DERBY ST., Oakland. One-story warehouse.
 Owner—Atkinson Mill & Lumber Co., Chapman & Derby Sts., Oakland.
 Architect—None. \$1000

DWELLING & GARAGE
 (5577) W 58TH AVE., 290 S FLORA St., Oakland. One-story 5-room dwelling and garage.
 Owner—C. A. Rodgers, 307 21st Street, Oakland.
 Architect—None. \$3200

DWELLING
 (5578) W MAGEE AVE., 30 S WISCONSIN. One-story 4-room dwlg.
 Owner—T. I. Belway, 3937 Magee Ave. Oakland.
 Architect—None. \$2400

WAREHOUSE
 (5579) E WEBSTER ST. ON THE ESTUARY, Oakland. One-story warehouse.

Owner—Webster Street Wharf Co., 923
Balboa Bldg., S. F.
Architect—Willis C. Lowe, Monadnock
Bldg., S. F. \$10,000

FOUNDATION & FIREWALL
(6580) FARR TERMINAL. Concrete
foundation and firewall.
Owner—General Petroleum Corpora-
tion, Alaska Com. Bldg., S. F.
Architect—None. \$125,300

THEATRE
(6581) N EAST 14TH ST., 125 W 38TH
St., Oakland. Two-story brick and
concrete theatre.
Owner—Golden State Theatre & Realty
Corp., Broadway Theatre, Oakland.
Architect—A. W. Cornelius, 625 Market
St., San Francisco. \$60,000

BUILDING
(6582) LOT 7 BLK. L. MAXWELL
Park, Oakland. General construc-
tion on building.
Owner—F. O. & Rose M. Reis, 4040 San
Juan St., Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello
Ave., Berkeley.
Filed Dec. 18, 1924. Dated Dec. 18, 1924.
When frame is up \$18.75
1st coat of plaster 918.75
When completed 918.75
Usual 35 days 918.75
TOTAL COST, \$3675
Bond, none. Surety none. Forfeit,
none. Limit, 75 working days after
Dec. 22, 1924. Plans and specifications,
filed.

DWELLING
(6583) NO. 907 OXFORD ST., Berkeley
Two-story 7-room dwelling.
Owner—R. Egbert, Oakland.
Architect—Henry Wolbold, 2115
Center St., Berkeley.
Contractor—J. H. Wolbold, 2115 Center
St., Berkeley. \$6000

DWELLING
(6584) NO. 1027 MERCED ST., Ber-
keley. One-story 6-room dwelling.
Owner—F. A. Johnson, 2600 Woolsey
St., Berkeley.
Architect—Owner.
Contractor—Harold Paige, College Ave.
Oakland. \$6500

DWELLING
(6585) NO. 2753 ACTON ST., Berkeley.
One-story 3-room dwelling.
Owner—J. Perry, 376 Santa Clara Ave.,
Oakland.
Architect—None. \$2000

FLATS
(6586) NO. 3381-83 ADELINE ST.,
Oakland. Double flat building.
Owner—J. Asaro, 219 Shattuck Ave.,
Berkeley.
Architect—C. Lewis, 2239 Cedar St.,
Berkeley.
Contractor—C. Lewis, 2239 Cedar St.,
Berkeley. \$6000

DWELLING
(6587) 2850 OCTAVIA ST., Oakland.
1-story 5-room dwelling and gar-
age.
Owner—F. E. Dynes, 3536 Allendale
Ave., Oakland.
Architect—None. \$3100

ADDITION, ETC.
(6588) 9220 FOOTHILL BLVD., Oak-
land. Addition and alterations.
Owner—J. E. Alexander, 9220 Foothill
Blvd., Oakland.
Architect—None.
Contractor—A. W. Stocks, 2086 87th
Ave., Oakland. \$8100

DWELLING
(6589) 1356 CAVANAUGH ROAD, Oak-
land. 1-story 5-room dwelling.
Owner—Mrs. E. R. Bonneville, Oakland
Architect—None.
Contractor—National Builders of Cali-
fornia, 400 High Street, Oakland. \$5500

DWELLING
(6590) 3519 SIXTY-SIXTH AVE., Oak-
land. 1-story 4-room dwelling.
Owner—Eugene T. Ware.
Architect—None.
Contractor—Chas. T. Lyon, 6500 Out-
look Ave., Oakland. \$2840

DWELLING
(6591) 902 EVERETT AVE., Oakland.
1-story 7-room 2-family dwelling.
Owner—L. D. Barr, 306 26th St., Oak-
land.
Architect—None.
Contractor—Barr & Son, 306 26th St.,
Oakland. \$6000

DWELLING
(6592) 3019 ARIZONA ST., Oakland.
1-story 5-room dwelling and gar-
age.
Owner—C. W. Leekins, 2981 Hopkins
St., Oakland.
Architect—None. \$3250

FACTORY
(6593) NE COR. FIFTH & CYPRESS
St., Oakland. 2-story factory.
Owner—Consumers Compressed Yeast
Co., 1384 5th St., Oakland.
Architect—None. \$5000

DWELLING, STORE
(6594) 401-03-05-07 FORTY-NINTH
St., Oakland. 1-story 4-family
dwelling and store.
Owner—A. Kalman & Bush, 1330
Broadway, Oakland.
Architect—None.
Contractor—A. Ortowz, 3229 West St.,
Oakland. \$8250

DWELLING
(6594) KINGSLAND AVE., Oakland.
1-story 5-room dwelling.
Owner—F. Reis, 4040 San Juan Ave.,
Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Monticello
Ave., Oakland. \$3675

DWELLING
(6595) NO. 787 MIRAMAR ST., Ber-
keley. One-story 6-room dwelling
Owner—R. Burr, 1850 Solano Ave.,
Berkeley.
Architect—S. G. Jackson, Neilson and
Solano Ave., Berkeley. \$3500

DWELLING
(6596) NO. 1405 GILMAN ST., Ber-
keley. One-story 5-room dwelling.
Owner—R. Lieby, 1709 Alliston Way,
Berkeley.
Architect—None. \$3000

DWELLING
(6597) NO. 2433 MARTINEZ ST., Ber-
keley. One-story 6-room dwelling.
Owner—Mrs. Williams, Berkeley.
Architect—S. G. Jackson, Berkeley.
Contractor—Heath & Wendt, 516 Am-
bank Bldg., Berkeley. \$3500

DWELLING
(6598) NO. 852 ENSENADA ST., Ber-
keley. One-story 6-room dwelling
Owner—R. D. Felt, 1728 Channing Way,
Berkeley.
Architect—Owner.
Contractor—Felt Bros., 1728 Channing
Way, Berkeley. \$2500

APARTMENTS
(6599) NO. 3008 RUSSELL ST., Ber-
keley. Three-story 21-room frame
apartment building.
Owner—A. W. and A. H. Brown, 1428
Franklin St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 1428
Franklin St., Oakland. \$25,000

WAREHOUSE
(6600) FIFTH ST. near Camella St.,
Berkeley. One-story Class B ware-
house.
Owner—California Ink Co., 3rd and
Camella Sts., Berkeley.
Architect—None.
Contractor—K. E. Parker Co., 519 Cali-
fornia St., San Francisco. \$15,000

STATION
(6601) SW E-TWELFTH ST AND
Fifth Ave., Oakland. One-story
till service station.
Owner—Dr. J. J. Gresham, 417 Athol
Ave., Oakland.
Architect—None.
Contractor—C. R. Squires, 382 15th St.,
Oakland. \$5000

DWELLING
(6602) NO. 1090 TRESTLE GLEN RD.
Oakland. One-story 6-room dwg.
Owner—Morgan Bros., 5664 Broad-
way, Oakland.
Architect—None. \$5000

DWELLING
(6603) NO. 1618 SEVENTY-FOURTH
Ave., Oakland. One-story 6-room
dwelling.
Owner—C. H. Moffatt, 3940 E-14th St.,
Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th
St., Oakland. \$3000

DWELLING
(6604) S HOPKINS 35 E Haley Ave.,
Oakland. One-story 5-room dwelling
and garage.
Owner—W. H. Coates, 1715 Hopkins St.,
Oakland.
Architect—None. \$3400

DWELLING
(6605) W MCKINLEY AVE 100 N
Home Place West, Oakland. One-
story 4-room dwelling.
Owner—G. A. Lindh, Oakland.
Architect—None.
Contractor—Alex C. Wieben, 839 Rose-
mont Road, Oakland. \$5000

DWELLING
(6606) NO. 5035 TRASK ST., Oakland.
One-story 4-room dwelling and
garage.
Owner—J. D. Fennelley, 2910 E-22nd
St., Oakland.
Architect—None. \$3200

DWELLING
(6607) NO. 801 CALMAR AVE., Oak-
land. Two-story 7-room dwelling.
Owner—S. A. Wenstock, 220 Grand
Ave., Oakland.
Architect—None.
Contractor—Chas. D. Hart, 664 Santa
Ray Ave., Oakland. \$5850

DWELLING
(6608) S MESABA AVE 160 W Sixty-
second Ave., Oakland. One-story
4-room dwelling.
Owner—Anna F. Hart, 127 106th Ave.,
Oakland.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St.,
Oakland. \$2500

DWELLING
(6609) NO. 718 ALMA AVE., Oakland.
Two-story 6-room dwelling.
Owner—Lee S. Griswold, 1545 3rd Ave.,
Oakland.
Architect—None.
Contractor—L. M. Baird, 1031 Bay View
Ave., Oakland. \$5900

DWELLING
(6610) E EASTMAN AVE 70 S Penni-
man Ave., Oakland. One-story 3-
room dwelling.
Owner—H. C. Mather, 4082 Bayo St.,
Oakland.
Architect—None. \$2000

(6611) SW EIGHTH AVE AND E-
23rd St., Oakland. Two-story 11-
room apartments and stores.
Owner—N. Lund, 731 E-23rd St., Oak-
land.
Architect—None.
Contractor—C. A. Anderson, 716 E-23rd
St., Oakland. \$11,000

OFFICE BLDG.
(6612) NO. 820 PARKER ST., Ber-
keley. Office building.
Owner—Bunting Iron Works, 5th and
Parker Sts., Berkeley.
Architect—C. C. Dakin, 3034 Hillegas
Ave., Berkeley.
Contractor—Bunting Iron Works, 5th
and Parker Sts., Berkeley. \$3000

ALTERATIONS
(6613) NW ALCATRAZ AND ELLIS
Sts., Berkeley. Alterations.
Owner—Henry Young, Alcatraz & Ellis
Sts., Berkeley.
Architect—H. Ahnefeld, 1969 Marin
Ave., Berkeley. \$1000

DWELLING
(6614) 594 KENWYN ROAD, Oak-
land. One-story 6-room dwelling.
Owner—Louise H. Short, 574 Rosal Av-
e., Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Av-
e., Oakland. \$5500

DWELLING & GARAGE
(6615) 3815 MAPLE AVE., OAKLAND.
One-story 5-room dwelling and gar-
age.

Owner—F. W. S. Brookes, 3456 Fruitvale Ave., Oakland.
Architect—None.
Contractor—W. R. Brookes, 2921 California St., Oakland. \$4000

DWELLINGS (2)
(6616) 3816 - 3900 MEDFORD ST., Oakland. Two 1-story 4-room dwellings.

Owner—Charlie Cook, 4515 Bond St., Oakland.
Architect—None. \$2000 ea.

DWELLING
(6617) 2527 67TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—Chas. E. Reinschach, 1610 Central Ave., Alameda.
Architect—None. \$3600

DWELLING
(6618) 2107 66TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—Henry Abel, 1737 67th Ave., Oakland.
Architect—None. \$3250

DWELLING
(6619) 2693 74TH AVE., OAKLAND. One-story 4-room dwelling.
Owner—L. E. Lundquist, 1431 46th Av., Oakland.
Architect—None.
Contractor—F. V. Burton, 1515 80th Ave., Oakland. \$2000

DWELLING
(6620) 4141 EAST 18TH ST. OAKLAND. One-story 3-room dwelling.
Owner—F. R. Shepard, 4141 East 18th St., Oakland.
Architect—None. \$1000

DWELLING
(6621) 4169 MASTERSON ST., OAKLAND. One-story 5-room dwelling.
Owner—Simeon MacDonald, 2216 41st Ave., Oakland.
Architect—None. \$3000

DWELLING
(6622) 1297 64TH AVE., OAKLAND. One-story 3-room dwelling.
Owner—S. Damgaard, 1352 39th Ave., Oakland.
Architect—None. \$2000

DWELLINGS & GARAGES (2)
(6623) 716 & 724 TRESTLE GLEN RD. Oakland. Two 2-story 7-room dwellings and garages.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. \$7500 each

STORES & CLUB BLDG.
(6624) SE COR. 20TH & BROADWAY. 15-story reinforced concrete stores and club building.
Owner—Elks Hall Association, 420 14th St., Oakland.
Architect—Wm Knowles, 1214 Webster St., Oakland.
Contractor—Wm Knowles, 1214 Webster St., Oakland. \$850,000

DWELLING
(6625) NO. 2236 CALIFORNIA ST., Berkeley. One-story 5-room dwlg.
Owner—Chas. Tarninin, 2347 Spaulding Ave., Berkeley.
Architect—None. \$2800

DWELLING
(6626) NO. 1600 PORTLAND AVE., Berkeley. One-story 6-room stucco dwelling.
Owner—H. E. Kane, 1707 Potrero St., Richmond.
Architect—Owner.
Contractor—Shode-Kane-Humphrey, 1707 Potrero St., Richmond. \$4000

REPAIRS
(6627) 8427 COLBY ST., OAKLAND. Fire repairs.
Owner—Mrs. Hayes, Oakland.
Architect—None.
Contractor—Walter Sorenson, 2940 Piedmont Ave., Berkeley. \$3500

DWELLING
(6628) N MAJESTIC AVE., 140 W 52nd Ave., Oakland. One-story 5-room dwelling.
Owner—Mrs. D. Higgins, 429 37th St., Oakland.
Architect—None. \$4840

DWELLING
(6629) 7800 - 7802 LOCUST ST., OAKLAND. One-story 6-room 2-family dwelling.
Owner—A. Ambuhl, 1618 90th Ave., Oakland.
Architect—None. \$3500

SHEDS (2)
(6630) MOOR PARK & RUSSETT STS Oakland. Two 1-story sheds.
Owner—Bechtel Utah Construction Co., 10911 Russett St., Oakland.
Architect—None. \$2200 & \$1800

ALTERATIONS
(6631) 480 12TH ST., OAKLAND. Alterations.
Owner—H. M. Shane, 490 12th Street, Oakland.
Architect—None.
Contractor—J. J. Power, 633 40th St., Oakland. \$1100

DWELLING
(6632) 3032 55TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—D. D. Pope, 3369 Curran Ave., Oakland.
Architect—None. \$3500

DWELLING
(6633) 3432 STORER AVE., OAKLAND. One-story 4-room dwelling.
Owner—J. R. Erbrick, 187 10th Street, Oakland.
Architect—None. \$2400

ADDITION
(6634) NE COR. 45TH AVE. & E 12TH ST., OAKLAND. Addition.
Owner—H. Rose Lumber Co., 46th & E 14th St., Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. \$1500

SHED
(6635) NE COR. E 12TH ST. & 46TH AVE., OAKLAND. One-story shed.
Owner—Melrose Lumber Co., 46th Ave. East 14th St., Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. \$2500

DWELLING & GARAGE
(6636) 2307 66TH AVE., OAKLAND. One-story 5-room dwelling and garage.
Owner—Bell & Evans, 1628 East 33rd St., Oakland.
Architect—None. \$2850

DWELLING & GARAGE
(6637) 2741 68TH AVE., OAKLAND. One-story 5-room dwelling and garage.
Owner—T. Stringer, 2900 Brookdale Ave., Oakland.
Architect—None. \$3650

DWELLING & GARAGE
(6638) 5815 HILTON ST., OAKLAND. One-story 5-room dwelling and garage.
Owner—M. P. Graves, 2619 74th Ave., Oakland.
Architect—None. \$3700

ALTERATIONS
(6639) 565 MONTCLAIR AVE., OAKLAND. Alterations.
Owner—J. R. Dumire, 565 Montclair Ave., Oakland.
Architect—None.
Contractor—Hansford & Atkinson, 1715 Broadway Alameda. \$1000

HOTEL
(6640) SW COR. 15TH & HARRISON STS., OAKLAND. Six-story 110-room hotel.
Owner—Cit Investment Co., 308 14th St., Oakland.
Architect—Leonard H. Ford, 306 14th St., Oakland. \$200,000

FACTORY
(6641) S TIDEWATER ST., 165 E Terminal Ave., Oakland. One-story factory.
Owner—Mercantile Box Co., 320 Market St., S. F.
Architect—None. \$15,000

BOAT HOUSE
(6642) OAKLAND ESTUARY, Oakland. General construction boat house, Oakland Estuary, Oakland.
Owner—Associated Students of the University of California Berkeley.
Architect—Ashley & Evers, 58 Sutter St., S. F.

Contractor—H. C. Andresen, 1229 Pearl St., Alameda.
Filed Dec. 23, 1924. Dated Dec. 22, 1924. 5th of each month of value of labor etc., incorporated on completion amount sufficient to increase payments to 75% of contract price. Balance, 35 days after completion.
TOTAL COST, \$11,487.
Bond, \$574,530. Sureties, Globe Indemnity Co. Forfeit, \$1500 per day. Limit, Feb. 1, 1924. Plans and specifications filed.

STORE & DUPLEX BLDG.
(6643) POR. LOT 12, HIGHLAND Park Tract, Oakland, General construction 1 store bldg., 1 duplex building.
Owner—Frances L. Beer, 342 Grant Ave., S. F.
Architect—N. H. Beer, 342 Grant Ave., San Francisco.
Contractor—R. A. Smith, 1757 82nd Ave., Oakland.
Filed Dec. 23, 1924. Dated Dec. 20, 1924. Store bldg. ready for roof. \$1000 Duplex bldg. is ready for roof. 1000 Store bldg. is plastered. 1000 Duplex bldg. is plastered. 1000 Store bldg. is completed. 1000 Duplex bldg. is completed. 1000 35 days after store bldg. is completed. 1500 35 days after Duplex bldg. is completed. 1500
Bond, sureties, forfeit, none. Limit, Apr. 1, 1925. Plans and specifications not filed.
NOTE—Permit applied for to-day.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Dec. 17, 1924—NO. 801 TRESTLE Glen Road, Oakland, S. B. Kurtz to Alex C. Vieben. \$1000
Dec. 17, 1924—PORT LOTS 8 & 9 Blk 6 Map of port. of the Hays and Caperton Property in the Town of Alameda, W. E. Willis to whom it may concern. \$1000
Dec. 17, 1924—NW COR. TWELFTH and Alice Sts., Oakland, Associated Oil Co. to Robert Dzielzi Jr. \$1000
Dec. 17, 1924—1516 68TH TVE., Berkeley, Oakland, Edward E. Grady to whom it may concern. \$1000
Dec. 17, 1924—NE COR. 7TH and Franklin Sts., Oakland, Alex. Johnson to whom it may concern. \$1000
Dec. 17, 1924—LOT 11, BLOCK 3 East Piedmont Extension, Oakland, Patrick J. Eiler to whom it may concern. \$1000
Dec. 17, 1924—POR. LOT 22, BLK. 4 Map showing the property and location of the Spaulding Tract, Berkeley, Alton E. Gould to whom it may concern. \$1000
Dec. 17, 1924—LOT 18 BLK. 5 BERkeley Square, Berkeley, John L. Cooley to Mason McDuffie Co. \$1000
Dec. 17, 1924—LOT 8 MAP OF Subdivision of Plot 12, Watson Tract, Oakland, Annie Simons to whom it may concern. \$1000
Dec. 18, 1924—LOT 7, BARNES Addition to Elmwood Park, Berkeley, Grace J. Frederick to C. H. Lawrence. \$1000
Dec. 18, 1924—POR. LOTS 3 AND Blk. 6 Map of the Bryant Tract, Berkeley, M. Schwind to whom it may concern. \$1000
Dec. 18, 1924—LOT 15, BLK. 2, Map of Edgewood Park, Berkeley, Colin and Jessie McKenzie to H. Dubanoff. Dec. 18, 1924
Dec. 18, 1924—ON THE LAND adjoining to St. James Episcopal Church on SW line of County Road leading to Centerville, Centerville, Protestant Episcopal Bishop of Calif. to R. A. Griffin. Dec. 10, 1924
Dec. 18, 1924—LOT 152 AND POR. 153 Blk. 21. Amended Map of Havenscourt, Oakland, Henry W. Arnold to J. F. Parsons. Dec. 18, 1924
Dec. 18, 1924—POR. LOT 12, BLK. 19, Map of Blk. 17-18-19, Thousand Oaks, Berkeley, W. H. Burritt to whom it may concern. Dec. 17, 1924

Dec. 17, 1924—LOTS 75 AND 76, BLK. A, Alta Vista Tract, Oakland. C. A. Shipman to whom it may concern. Dec. 12, 1924

Dec. 17, 1924—LOT 136 AND POR. 155 Blk. 24, Map of Havenswood, Oakland. E. Maassberg to whom it may concern. June 30, 1924

Dec. 18, 1924—LOT 106 AND POR. LOT 105, Galinda Tract, Oakland. Tonnell & Miller to whom it may concern. Dec. 18, 1924

Dec. 19, 1924—3213 AND 3215 ADELIN ST., Berkeley. L. Armanino to A. T. Beckett and Wilder Wright. Dec. 19, 1924

Dec. 19, 1924—2257 VIRGINIA ST., Pugh & Goldsworthy to whom it may concern. Dec. 17, 1924

Dec. 19, 1924—1429 SANNI ST., Berkeley. Lee Hansen to whom it may concern. Dec. 19, 1924

Dec. 19, 1924—2506 MONTICELLO AVE., Oakland. Helen M. McClintock to whom it may concern. Dec. 19, 1924

Dec. 18, 1924—LOTS 23 AND 24, BLK. 22, Iveywood Extension, Oakland. Mrs. E. L. Hayes to Jos. R. Erickson. Dec. 18, 1924

Dec. 18, 1924—1024 FORTUNE AVE., Oakland. Jessie MacCurdy to C. L. Benjergdes. Dec. 15, 1924

Dec. 18, 1924—6045 CLAREMONT AVE., Oakland. E. Parayre to C. Gaubert. Dec. 19, 1924

Dec. 18, 1924—605 THE ALAMEDA ST., Berkeley. J. Harry Smith to whom it may concern. Dec. 17, 1924

Dec. 18, 1924—912 THE ALAMEDA ST., Berkeley. J. Harry Smith to whom it may concern. Dec. 17, 1924

Dec. 20, 1924—LOT 25 BLK 2 SANTA Fe Tract No. 5, Berkeley. Charles D. Emerson to Calif. Builders Co. Dec. 20, 1924

Dec. 20, 1924—LOT 3 BLK 4 BERKELEY Square, Berkeley. C. J. R. Wilson to F. R. Siegrist. Dec. 19, 1924

Dec. 20, 1924—LOTS 32 33 34 AND 38 BLK 23 Map of North Cragmont, Berkeley. Lillie M. Beer to W. D. Henderson. Dec. 19, 1924

Dec. 20, 1924—LOT 10 FORTUNE AVE., Boulevard Terrace, Oakland. Louis Unternahrer to Bell & Evans. Dec. 18, 1924

Dec. 20, 1924—S 40 FT. OF THE E 100 FT. OF 1 BLK 20 Map of Berkeley of the Berkeley Villa Assn., Berkeley. Alice T. Thompson to E. F. Henderson. Dec. 16, 1924

Dec. 20, 1924—NO. 2806 E TWENTY-first Street, Oakland. E. M. Moore to whom it may concern. Dec. 19, 1924

Dec. 20, 1924—LOT 52 STONE Orchard Tract, Oakland. N. Hickok to F. Wightman. Dec. 19, 1924

Dec. 20, 1924—NO. 1500 SEVENTY-seventh Ave., Oakland. Grace E. Hickok to R. F. Wightman. Dec. 19, 1924

Dec. 20, 1924—LOT 10 BLK 17 Daleys Scenic Park, Berkeley. Clara P. Powell to whom it may concern. Dec. 19, 1924

Dec. 22, 1924—LOT 1, BLK. 17, MAP of Blks. 17, 18 and 19, Thousand Oaks, Berkeley. Lawrence W. and Genevieve W. Dickey to Conrad Roth. Dec. 16, 1924

Dec. 22, 1924—N SIDE OF GRAND AVE. bet. Perkins and Staten, Oakland. Ida H. Lisher to Sommerstrom Bros. Dec. 20, 1924

Dec. 22, 1924—LOT 18 AND 16 BLK. O, Map of Bryant Tract, Berkeley. William K. and Hilda Morin to whom it may concern. Dec. 16, 1924

Dec. 22, 1924—LOT 20, BLK. 8, Iveywood Extension Tract, Oakland. J. J. Early to W. A. Blodgett. Dec. 5, 1924

Dec. 22, 1924—6604 BECK ST., Oakland. D. W. Parks to whom it may concern. Dec. 22, 1924

Dec. 22, 1924—SW COR. OF GARBER ST. and Tanglewood Road, Berkeley. Mrs. S. E. Weber to Louis O. Hanson. Dec. 19, 1924

Dec. 22, 1924—SO. SIDE OF 34TH ST. 260 ft. E. of Elm St., Oakland. Mrs. H. White to Calif. Builders Co. Dec. 19, 1924

Dec. 22, 1924—LOTS 18 AND 19, BLK. 11, Chevrolet Park, Oakland. Frank Bailey to whom it may concern. Dec. 15, 1924

Dec. 22, 1924—LOT 15, BLK. 2, East Piedmont Heights, Oakland. Louis A. Burrini to Charles E. Bardwell Jr. Dec. 22, 1924

Dec. 22, 1924—LOT 36, BLK. 8, Havenscourt, Oakland. D. T. O'Neil to whom it may concern. Dec. 10, 1924

Dec. 22, 1924—LOTS 18 AND 19, Map of the Bona Tract, Oakland. James Arnodo to whom it may concern. Dec. 19, 1924

Dec. 22, 1924—W SIDE OF 61ST AVE. 40' S. of Brown St., Oakland. H. D. and C. Pruett to whom it may concern. Dec. 15, 1924

Dec. 22, 1924—LOTS 8 AND 9, BLK. C, Map of Laurel Grove, Brooklyn Twp. W. H. Matteson to whom it may concern. Dec. 22, 1924

Dec. 22, 1924—LOTS 98 AND 97, BLK. E, Map showing Subdiv. of Blk. 23 of the North Alameda Tract, Oakland. Samuel Rocco and Louise Rocco to D. Boshion. Dec. 15, 1924

Dec. 22, 1924—2304 ROOSEVELT ST., Berkeley. Nan K. Macquarrie to Calif. Builders Co. Dec. 20, 1924

Dec. 20, 1924—COM. AT A PT. ON W line of lots of the SW 1/4 of Lot 10, 98 map of Fremont tract, running thence SW along said line of Lot 98 100.13 ft. thence SE 35 ft., thence NE 100.13 ft. to pt. of beg., Oakland. R. E. Yeomans to whom it may concern. Dec. 20, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Dec. 17, 1924—COM. AT A PT. ON W line of Myrtle St. dist. 373.33 ft. S. of 21st St., running thence S 25° W 25' N 1/4 E 125' to pt. of beg., Oakland. Eureka Mill & Lumber Co. vs. A. Wilkinson, Beatrice Wilkinson and J. B. Soares. \$18.25

Dec. 17, 1924—N LINE OF 63RD ST. dist. 40' SW of Lowell St. thence SW 40' NW 13' NE 40' SE 134' to pt. of beg., Oakland. Eureka Mill & Lumber Co. vs. L. B. Morrisey, Mrs. E. Morrisey, E. Morrisey and J. B. Soares. \$46.80

Dec. 17, 1924—CLAREMONT AVE. dist. 250' E of High St. thence W 165° N 50' E 165° S 50' to pt. of beg., Oakland. Geo. C. Assmussen vs. Anna Cicero and M. S. Garcia, Jr. \$201.00

Dec. 17, 1924—W 37.50 FT. OF LOT 14, Blk. F, Map of the Leonard Tract, Berkeley. L. A. Winchester vs. Charles H. Wood and Muriel Wood. \$313.95

Dec. 17, 1924—ROBLE COURT, being a subdiv. of a por. of Lot 17, 14 Claremont Map No. 2, Berkeley. Henry Cowell Lime & Cement Co. vs. Robert M. Erick and East Bay Construction Co. \$20.15

Dec. 19, 1924—111 DALE AVENUE, K. Uchida (Miyake Hardwood Floor Co.) vs. William King and W. E. Ellassen. \$268.00

Dec. 19, 1924—SE 58' OF NW 108' of Lot 7, Blk. R, Map of Lands adjacent to the town of Encinal, Alameda. Tilden Lumber & Mill Co. vs. J. H. Norlen. \$769.23

Dec. 19, 1924—W 75.00' OF LOT 14, Blk. F, Leonard Tract, Berkeley. Rhodes Jamieson & Co. vs. Chas. H. Wood. \$417.05

Dec. 19, 1924—37.50' OF LOT 14, Blk. F, Leonard Tract, Berkeley. J. W. Rule vs. Chas. H. Wood. \$202.99

Dec. 18, 1924—749 CENTRAL AVE., Alameda. Henry Cowell Lime & Cement Co. vs. D. M. Todd and Boerner & White. \$72.30

Dec. 18, 1924—LOT 32 BLK. 3, MAP of Lakeshore Glenn, Oakland. Harris and Hlan, Inc. vs. L. K. Independent Mill & Lumber Co. vs. James J. Rourke and J. McCarthy. \$1415.

Dec. 18, 1924—NE 25' OF LOT 5 AND SW 1/24 of Lot 4, Blk. 3, Map of Beverly Terrace, Oakland. Aronson Hardwood Floor Co. vs. C. W. Boden. \$123.06

Dec. 18, 1924—LOT 31-3, BLK. K, Amended Map of Regent Park, Berkeley. Neighbor Lumber Yard vs. W. A. Walker, Lucille Walker, administratrix of est. of W. A. Walker, Adeline A. Walker, National Mortgage Co. and Oda W. Robb. \$466.27

Dec. 20, 1924—LOT 135 MAP OF RESUB. OF Fernald Park, Berkeley. Robert R. Smith (Contra Costa Bldg. Materials Co.) vs. R. J. Mephann, D. H. Goodrich. \$40.80

Dec. 20, 1924—LOT 70, BLK. 2, MAP of Lakeshore Highlands Addition No. 1, Oakland. Chandler & St. John vs. B. A. & C. E. Meves, W. M. Holton. \$815

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Dec. 20, 1924—LOT 6, BLOCK 26, Daley's Scenic Park, Berkeley. W. C. Spaulding to J. Stitt Wilson, Mrs. J. Stitt Wilson, Irving Pichel and Violet Pichel. \$650.

Dec. 20, 1924—LOT 4 BLK. C, OAKland and Highland Tract, Oakland. E. R. Stewart to Geo. H. Millward. \$220.73

Dec. 20, 1924—LOT 4 BLK C OAKland and Highland Tract, Oakland. E. C. Braun to George H. Millward. \$164.51

Dec. 17, 1924—LOT 38, MAP OF the View Tract, Oakland. C. C. Adams to S. Victor Davidow. \$121.

Dec. 17, 1924—LOT 43, MAP OF THE View Tract, Oakland. General Plumbing Co. to S. Victor Davidow. \$254.

Dec. 17, 1924—LOT 43, MAP OF THE View Tract, Oakland. General Plumbing Co. to S. Victor Davidow. \$122.50

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE, 6-room, \$7600; Third and Margaret Sts., San Jose; owner, H. C. Hagen, Premises; contractor, L. C. Rossi, 965 Kellee St., San Jose.

RESIDENCE, 5-room, \$3500; Third and Carrie Sts., San Jose; owner, O. P. Holoday, 496 S-9th St., San Jose.

STORE building, \$2245; San Fernando and Delmar Sts., San Jose; owner, Mrs. J. Palermo, Premises; contractor, J. A. Nordeen, 125 Olive St., San Jose.

RESIDENCE, 6-room, \$2506; Fourth St. near Taylor St., San Jose; owner, J. Kaufman, Premises.

RESIDENCE, 5-room, \$2000; No. 453 Spencer St., San Jose; owner, D. Vaudagna, Premises; contractor, Jno. Caserta, 492 N-13th St., San Jose.

COTTAGE, 4-room, \$3500; Atlanta St. near Bird, San Jose; owner, B. J. Smith, 248 Mariposa St., San Jose.

RESIDENCES (2) 6-room, \$3500 each; Taylor St. near San Pedro St., San Jose; owner, Geo. McKellop, Taylor and San Pedro Sts., San Jose.

BUSINESS building, one-story, \$3850; Balbach and Vine Sts., San Jose; owner, O. Peterson, Eagle Body Works, San Jose; contractor, Walton & Boulter, Santa Clara and Stockton Sts., San Jose.

ALTER business building, \$500; No. 434 S. First St., San Jose; owner, Dr. C. E. Hablutzler, Ryland Bldg., San Jose; contractor, Chas. Thomas 127 Clayton St., San Jose.

RESIDENCE, 3-room, \$600; Reed St. near 12th St., San Jose; owner, J. W. Horning, 537 Reed St., San Jose.

AUTO storage shed, \$975; No. 265 W. Santa Clara St., San Jose; owner, E. L. Keessing, st and Union Sts., San Jose.

RESIDENCE, 3-room (temporary), \$600; No. 55 Almaden St., San Jose; owner, Lial M. Crump, 565 Vine St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Dec. 9, 1924—LOT 29 BLK 2, Burrells Resubdivision, San Jose. G. W. Hagg to whom it may concern. Nov. 21, 1924

Dec. 9, 1924—LOT 30 BLK 2, Burrells Resubdivision, San Jose. G. W. Hagg to whom it may concern. Dec. 8, 1924

Dec. 16, 1924—LOT 27 BLK 2 Burrell's
Recreation of Blk 3 and part
Blk 2 S R R Chichester to whom it
may concern. Dec. 8, 1924

Dec. 16, 1924—LOT 6, 7, 8 M. N. Smith's
Subdivision, San Jose
Mable J. Bowles to whom it may concern
Dec. 10, 1924

Dec. 16, 1924—PTN LOTS 11, 12, 13, 14,
15, Hart & Roscoe Subdivision, Palo
Alto, Lucile L. Stuck to James
Hammann. Dec. 8, 1924

Dec. 16, 1924—S to LOT 150 BLK 14
White's Addition, San Jose, Rose
Addington to E. E. Washburn Nov. 27, 1924

Dec. 11, 1924—W. N. NINTH ST. No.
369 N-9th St. bet. Julian and Wash-
ington Sts., San Jose. A. G. Rossow
to whom it may concern. Dec. 1, 1924

Dec. 11, 1924—LOT 17, 18, 19, 20, 21
thereof in 15, 25x100 ft., Palo Alto,
W. T. and Harold L. Flood to whom
it may concern. Dec. 1, 1924

Dec. 11, 1924—No. 174 W-SAN
Carlos St., bet. Market and Orchard
Sts., San Jose. Thomas Monahan to
whom it may concern. Dec. 6, 1924

Dec. 11, 1924—SE 1/4 OF LOT 1, Palo
Alto, J. Joseph G. Wheeler to whom it
may concern. Dec. 9, 1924

Dec. 11, 1924—PTN LOTS 20 AND 21
of 1/4 Dardell Park, San Jose
Walter Olmstead to whom it may
concern. Dec. 4, 1924

Dec. 17, 1924—N 150 FT. LOT 26 BLK
1 Burrell Park, San Jose. Fred N.
Waterman to whom it may concern.
Dec. 15, 1924

Dec. 18, 1924—LOS GATOS UNION
High School. Board of Trustees of
Los Gatos Union High School Dist.
to Herndon & Finnan. Dec. 8, 1924

Dec. 18, 1924—LOT 18 BLK 1, Palm
Haven. C. Owen and Dorothy D.
Hossmeyer to Charles Owen. Dec. 15, 1924

Dec. 18, 1924—NO 196 WABASH AVE.
Interurban Park Tract, San Jose.
Alfred I Tomkin to whom it may
concern. Dec. 15, 1924

Dec. 22, 1924—LOT 27 BLOCK 3 ROSE
Lawn, Emma C. Mooney to Harry
F. Dowell. Dec. 20, 1924

Dec. 22, 1924—Lot 6 MYRTLE PARK.
M. J. Haas to whom it may con-
cern. Dec. 22, 1924

Dec. 22, 1924—NE FULTON 150 FT.
SE Kingsley SE 50 x 124 ft. Part
Block 97 Palo Alto. Harry H.
Dabinett to whom it may concern.
Dec. 20, 1924

Dec. 22, 1924—PORTION OF LOTS 30,
31, J S Lakin Subdivision, Palo Alto
John E. Hanson to whom it may
concern. Dec. 20, 1924

Dec. 22, 1924—Lot 17 HANCHETT
Court, Clyde Alexander and Elise
P. Alexander to whom it may con-
cern. Dec. 22, 1924

Dec. 22, 1924—PORTION OF LOT 2
Block 1 Range 6 N San Jose, Cal.
Cyril C. Lotz to Charles A. Thomas
Dec. 17, 1924

Dec. 19, 1924—LOT 5 BLK 6, South-
gate, Palo Alto. J B and Rose G.
Falconb to whom it may concern.
Nov. 28, 1924

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Dec. 17, 1924—PART LOT 7 BLK 3
Prevost's Addn, San Jose. Hub-
bard & Carmichael Bros to Stella
C. Garcia. Dec. 11, 1924. \$711.73

Dec. 18, 1924—LOT 5 BLK 11, Len-
dram Tract, San Jose. Sunset
Lumber Co to R. Toller, James E.
Lewis et ux. Dec. 11, 1924. \$86

Dec. 19, 1924—LOT 9 BLK 16, Beachs
Addition to East San Jose. The
Lumber & Mill Co to J. Kingsley,
Willis G. Greenlee (et al). \$149.40

A. Kell. Dec. 19, 1924. \$298.86

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Dec. 17, 1924—LOT 2 Myrtle Park
San Jose. Hubbard & Carmichael
Bros vs M J Harris. Dec. 23, 1924. \$33.23

Dec. 18, 1924—PTN LOT 5 BLK 3 R
S San Jose. E Levin vs Ida
Frank. Dec. 18, 1924. \$348.10

Dec. 18, 1924—E AC BN E PEAK

Ave bet Wright & Main Aves, Mor-
gan Hill Reh 3. Tilden Lumber &
Mill Co vs W J Anderson. Dec. 16, 1924. \$276.61

Dec. 18, 1924—LOTS 87, 88 AND 89,
Catherine Dunne No. 7, San Jose.
Tilden Lumber & Mills Co vs O R
Pfeiffer. Dec. 18, 1924. \$145.18

Recorded Amount
Dec. 18, 1924—225.63 ACRES SECT
18 Tsp. 10 S R 3 East, San Jose.
Tilden Lumber & Mill Co vs Minnie

BUILDING CONTRACTS

SACRAMENTO COUNTY

WAREHOUSE
LOT 4, D. E, 19th and 20th Sts, Sacra-
mento. All work for warehouse
building.
Owner—Poultry Producers of Central
Calif., 617 J St., Sacramento.
Architect—None.
Contractor—Chas. S. Mabrey and L. G.
Barton, Ochsenr Bldg., Sacramento.
Filed Dec. 15, '24. Dated Dec. 10, '24.
TOTAL COST, \$17,629
Bond, limit, forfeit, plans and specifica-
tions filed.

DWELLING, 5-room and garage, \$3500;
No. 1460 33rd St., Sacramento;
owner, J. W. Newhart, 1465 33rd
St., Sacramento.
DWELLING, 5-room and garage, \$3400;
No. 2221 24th St., Sacramento; own-
er, F. L. Terra, 1712 W St., Sacra-
mento.
DWELLING, 5-room and garage, \$3400;
No. 1257 36th St., Sacramento;
owner, F. L. Terra, 1712 W St., Sacra-
mento.
DWELLING, 5-room and garage, \$2400;
No. 1612 Broadway St., Sacramento;
owner, J. E. Costa, 614 30th St.,
Sacramento; contractor, L. Davis,
3200 L St., Sacramento.
Dwellings (3) 5-room and garages,
\$2600 each; No. 3300-10-20 40th St.
Sacramento; owner, W. T. Foster,
3400 4th Ave., Sacramento.

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Dec. 9, 1924—N 1/4 LOT 1, G. H. 9th
& 10th Sts., Sacramento. Latourrette
Fical Co vs Harry Goldman, J L and
Hannah Andreassen. Dec. 9, 1924. \$450

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Dec. 18, 1924—LOT 11 BLK 3, Pacific
Manor, Stockton. Adolph Kaiser
vs T N Bertels. Dec. 18, 1924. \$92

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, \$3500; No. 502
W-Jefferson St., Stockton; owner,
Lydia Volt.
SIGN, \$1650; No. 2549 W-Poplar St.,
Stockton; owner, Warr Sign Co.
Dwellings and garage, \$6500; No. 1143
W-Poplar St., Stockton; owner, V.
D. Vaio, 408 E-Noble St., Stockton.
Dwellings and garage, \$6000; No.
1145 W-Magnolia St., Stockton;
owner, Lydia Volt, contractor.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Ecker Bros., 1825 S-California St.,
Stockton.

DWELLING and garage, \$4500; No.
1218 W-Walnut St., Stockton; own-
er, D. L. Howe; contractor, A. M.
Tunnel, 1046 S-California St.,
Stockton.

DWELLING & garage, \$3000; No. 217
E-Vaio St., Stockton; owner, Noel
O. Voorheis.

ALTERATIONS, \$2000; No. 1902 S-San
Joaquin St., Stockton; owner,
Elena Celayeta, 627 S-Sutter St.,
Stockton; contractor, G. Schroeder,
715 E-Fremont St., Stockton.

DWELLING and garage, \$3000; No. 219
E-Sonoma St., Stockton; owner, T.
A. Benjamin Jr., 821 N-American
St., Stockton; contractor, Ecker
Bros., 1325 S-California St., Stock-
ton.

DWELLING & garage, \$3500; No. 1102
W-Elm St., Stockton; owner, P. F.
Peterson; contractor, J. D. Powers,
Rt. 4, Box 34-B, Stockton.

DWELLING and garage, \$5500; No.
1313 W-Magnolia St., Stockton;
owner, J. Eric Johnson, 1336 E-
Channel St., Stockton.

DWELLING and garage, \$6500; No.
1758 N-San Joaquin St., Stockton;
owner, Dan Plummer, 629 E-Lind-
say St., Stockton; contractor, E. E.
Daniels, 1023 W-Park St., Stockton.

DWELLING and garage, \$5000; No.
1323 W-Magnolia St., Stockton;
owner, R. A. Rasmussen.

DWELLING and garage, \$6500; No. 735
E-Anderson St., Stockton; owner,
V. C. Grey, 729 E-Worth St., Stock-
ton.

DWELLING, \$3200; No. 2494 E-Wash-
ington St., Stockton; owner, E. D.
Van Dyke, 138 Della St., Stockton;
contractor, J. B. Wolf, 92 W-Park
St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec. 16, 1924—LOT 15 BLK B N 124
feet Lot 12, Stockton. T E Con-
nelly to W. C. Crut. Nov. 27, 1924

Dec. 18, 1924—LOT 8 BLK 29, Victory
Park Terrace, Stockton. Roy L.
Baber to H W Johnson. Dec. 7, 1924

Dec. 19, 1924—LOT 10 BLK 4, City
Park Gardens, Stockton. Carl W.
Schutte to W W Price. Dec. 16, 1924

Dec. 20, 1924—N 40 FT. LOT 13 BLK
18, Stockton City Homestead. A.
H Whiting to Vincent J. Doria Vaio.
Dec. 5, 1924

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW, \$5000; Lot 19 Blk. G
14th Ave., San Mateo; owner, James
Rich, 414 Wisconsin Ave., San Mateo;
contractor, James Rich, 414 Wis-
nom Ave., San Mateo.
BUNGALOW and garage, \$4000; Lot 22
Blk J Hayward Park, San Mateo;
owner, M. Morris, 1171 Men. 15 North
C St., San Mateo; contractor, Mor-
tus Louersen, 15 North C St., San
Mateo.
BUNGALOW and garage, \$6000; Lots
1 and 2 Blk 9 Carlos Ave., Burling-
ame; owner, R. F. Nielson.
BUNGALOW and garage, \$6000; Lot 10
Blk 40 Balboa, Burlingame; owner,
G. C. Constock, 625 El Camino,
San Mateo; contractor, Mitchell &
Jackson, 235 3rd, San Mateo.
RESIDENCE and garage, \$7000; Lot 28
Blk 37 Vancouver, Burlingame;
owner, Geo. W. Williams, 1140
Vancouver, Burlingame.
BUNGALOW and garage, \$4000; Lot
3 Blk 8 Hale Drive, Burlingame;
owner, E. W. Nelson.
BUNGALOW and garage, \$4800; Lot 10
Blk. 2 San Mateo Drive, Burlingame;
owner, Walker & Armstrong
273 E, San Mateo

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Dec. 1, 1924—LOT 13 BREWER
Property Sub. No. 3 Hillsborough.
Anna Marie Linden to Herger and
Kerr. Dec. 4, 1924

Dec. 15, 1924—LOTS 1 & 2 PORT. OF Lot 71 Part of San Mateo Homestead, Husing, Cal. R. G. Rose and Roy Frey to W. F. Klay.....Dec. 6, 1924

Dec. 16, 1924—LOT 24 BLK 1 MAP OF Sub. No. 3 and Re-sub. of Blks. G and H of Sub No. 2 Hayward Park. Marius Laurenson and Yvonne Laurenson to Marius Laurenson.....Dec. 8, 1924

Dec. 16, '24—SW PORTION OF LOTS 21 & 22 Being 50 ft. on Baywater Ave. by 100 ft. on Middlefield Rd Town of Burlingame. Ralph K. Crawford as Chairman of the Bldg. Committee to the First Baptist Church of Burlingame to W. O. Nicolaides.....Dec. 1, 1924

Dec. 16, 1924—PORT OF LOT 14 Corbitt Sub. City of Burlingame. Ivar D. Peterson to whom it may concern.....Dec. 16, 1924

Dec. 10, 1924—E 10 FT. LOT 32, LOT 33, W 10 ft. Lot 34, Peralta Hts., Fresno. W B Watson to whom it may concern.....Dec. 9, 1924

Dec. 10, 1924—LOT 22 BLK 10, West Redwood. Philip S. Gittings to whom it may concern.....Dec. 9, 1924

Dec. 10, 1924—LOT 14 BLK 13, Easton Div., Burlingame. C B McClan to whom it may concern.....Nov. 29, 1924

Dec. 9, 1924—LOT 25, Selby Park, San Mateo. Alfred E Meyers to whom it may concern.....Dec. 1, 1924

Dec. 9, 1924—LOT 31 BLK N. Hayward Park, San Mateo. Ella T. Chalmers to Frank Perrea.....Nov. 15, 1924

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Dec. 17, 1924—LOTS 16 & 17 Winchester Trct Atherton. Muner Lumber Co. to Genevieve E. Ingram, D W Ingram.....

Dec. 17, 1924—LOTS 16 & 17 Winchester Tract Atherton. John H. Campbell to Genevieve E. Ingram.....

Dec. 17, 1924—LOTS 16 & 17 Winchester Tract Atherton. Duffield Lumber Co. Woodward Weathered to Genevieve E. Ingram.....

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

CURTAIN ETC.
REDDLEY. Cal. Curtain and concert sets for stage for General Grant dept. school.
Owner—Reddley Elementary School District, Reddley, Cal.
Architect—None.
Contractor—Stewart School Supply Co., Rialto Bldg., San Francisco.
Filed Dec. 19, 1924. Dated Nov. 20, 1924. Completed and accepted.....\$200
Usual 35 days.....Balance
TOTAL COST, \$972
Bond, \$486; Sureties, Hartford Accident & Indemnity Co.; Forfeit, \$10 day; Limit, 60 days; Plans and specifications, none.

SIGN. \$2000; 1038 Fulton St., Fresno; owner, Western Union premises; contractor, Valley Electric Co., Fulton Cor. Tuolumne, Fresno.
DWELLING, \$4000; 1211 Wilson Ave., Fresno; owner, W. H. Richmond, 1238 Farris, Fresno.
ALTERATIONS, \$2800; Cherry & Railroad Ave., Fresno; owner, Rosenberg Bros., 1844 Cherry St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
Dec. 17, 1924—LOTS 25 TO 23 BLK 1, Avondale. J H Herring to whom it may concern.....Dec. 15, 1924	
Dec. 20, 1924—LOTS 40 & 41 PERALTA Hts. Beaulah Davis to whom it may concern.....Dec. 19, 1924	
Dec. 20, 1924—W 1/4 OF SW 1/4 OF SE 1/4 of Sec. 8, 10-20. Inez D. Young to whom it may concern.....Dec. 20, 1924	
Dec. 20, 1924—LOTS 7, 8, BLK 14 North Park Terrace. Peter A. Wolff to whom it may concern.....Dec. 18, 1924	
Dec. 20, 1924—LOTS 64, 65, ZAPPS Park. R. M. Shannon to whom it may concern.....Dec. 20, 1924	
Dec. 18, 1924—LOT 22 HIGH ADD Annex No. 2. S. C. Ramago to whom it may concern.....Dec. 16, 1924	
Dec. 18, 1924—LOTS 32, 33 BLK 11, New High School Add. J. A. Whitaker to whom it may concern.....Dec. 16, 1924	

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Dec. 20, 1924—W 61.7 FT. OF S 1/4 OF Lot 29 Blackstone Villa. John Vieren to vs F. M. Cary.....\$134	
Dec. 20, 1924—NE 1/4 OF NE 1/4 OF Sec. 10, 13-20. J. E. Schumann vs C. L. Caine and El Rose Vd Co.....Dec. 20, 1924	

SEWERS & STREET WORK

(Continued from Page 23)

SANTA ROSA, Sonoma Co., Cal.—City council, C. R. Reid, clerk, declares intention (712) to imp. Lincoln St., bet. Washington and Healdsburg Ave., involving grading and reconstr., existing waterbound macadam and surface with 3-in. Willitte Process asph. conc. pavement laid in one course; const. comb. hyd. cem. conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Jan. 6.

SANTA ROSA, Sonoma Co., Cal.—City council, C. B. Reid, clerk, declares inten. (716) to imp. E St., bet. 10th and Lincoln Sts., involv. grading and reconstr., existing waterbound macadam and surface with 3-in. Willitte Process asph. conc. laid in one course; const. comb. hyd. cem. conc. curbs and gutters. 1911 Act & Bond Act 1915. Protests Jan. 6.

SAN JOSE, Santa Clara Co., Cal.—City council, John J. Lynch, clerk, declares inten. to imp. Oak St., bet. First and Palm Sts., involv. grade; pave with 1 1/2-in. Warrentite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb, gutter and walks; 2 hyd. cem. storm water inlets; 8-in. vit. pipe drains; 6-in. hyd. cem. conc. alley driveways. 1911 Act & Bond Act 1915. Protests Jan. 12. Wm. Popp, city eng.

SACRAMENTO, Cal.—County Engineer Chas. Feterding, Jr., has completed spec. for approach to new Steamboat Slough bridge on Grand Island; est. cost \$10,000; involves approx. 1/2-mil. of pavement.

SANTA ANA, Cal.—Council declares inten. for 5-in. conc. pave. with belt finish wearing surf., curbs, sewer, 2 conc. m. h.; 1915 and 1911 acts. Nat H. Neff, city engr.

DALY CITY, San Mateo Co., Cal.—Eaton and Smith, 715 Ocean Ave., San Francisco, at \$18,250.20 awarded cont. by city trustees to imp. portions of Mission St., Liebig St., etc., involving 1500 cu. yds. grading, \$125 cu. yd.; 5770 sq. ft. 1 1/2 in. asph. conc. surface pavement on 4-in. cem. conc. base, \$26

RICHMOND PAVING SUIT GOES TO SUPREME COURT

Decision of Superior Judge A. B. McKenzie in a suit involving as the chief issue validity of one section of the 1915 street improvement act, invoked by the majority of California cities in their paving program, is to be reviewed by the United States Supreme Court.

The State Supreme Court, which upheld Judge McKenzie's ruling that one section complained of is not unconstitutional, has issued a writ of error, thus opening the way for the suit being taken to the nation's highest tribunal.

The action, instituted by Edith Stege against the City of Richmond in 1919, involves title to a large number of lots in East Shore Park. R. M. F. Soto, attorney for plaintiff, contends that the improvement bond act of 1915, prescribing the form of bonds and the method of payment violates the provisions of Section 31, Article IV of the United States Constitution, which prohibits the legislature from pledging the credit of any city. Judge McKenzie held the act not violative of the constitution and his view was sustained in his ruling by the State Supreme Court.

The Suit to quiet title was instituted by Edith Stege after the City of Richmond had sold her property for delinquency in assessments.

Judge McKenzie entered his decision on the case on July 15, 1920. This week the Supreme Court issued its writ of error. Because of its wide effect the suit is being watched with exceeding interest by bond firms, banks and contractors.

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